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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

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NEIC 01 18:45:41.7±1.7,21.70S×179.55W,h600km,mb4.6/6,
Error ellipse: s-maj=75.5km s-min=25.7km az=151.0
IDC 01 18:45:46.3±2.6,21.76S×179.70W,h627km,37km,mb3.5/4,
mb1 3.7/4,mb1mx3.2/14,Error ellipse: s-maj=83.2km
s-min=20.6km az=159.0
ISC 01 18:45:43.1±2.7,22.3S;02×179.6W;03,h613km,42km,
n22,r1515/21,mb4.4/9,1C,South of Fiji Islands
Code Station Name Δ° AZ° Phase ID Time Res
h m s ISC
HBZ Hicks Bay 15.41 186 eP P 18 48 53.1 -1.7
URZ Urewera 16.21 189 P P 18 49 01.5 -0.9
MRZ Mangatoinoka R 18.81 192 eP P 18 49 26.7 0.0
DIW D'Urville Isla 19.30 195 eP P 18 49 27.3 -3.9
CAW Cannon Point 19.34 192 eP P 18 49 31.7 +0.1
OTW Orongorongo Tu 19.52 192 eP P 18 49 33.0 -0.2
MCW Moikau 19.61 192 eP P 18 49 35.5 +1.5
THZ Tophouse 20.46 196 eP P 18 49 42.0 +0.2
KHZ Kahutara 20.93 194 P P 18 49 46.2 +0.2
ARMA Armidale 27.03 246 eP P 18 50 42.4 +2.3
CTA Charters Tower 31.93 267 P P 18 51 22.3 +0.4
13nm,0.5s,mb4.8
STKA Stephens Creek 35.75 246 eP P 18 51 55.3 +1.8
3.1nm,0.4s,mb4.2
ASAR Alice Springs 42.74 259 P P 18 52 50.1 +0.3
9.8nm,0.5s,mb4.6,baz=92,slow=8.2,SNR=47
ASAR S 18 58 31.3 -0.1
1.0nm,0.8s,baz=95,slow=15,SNR=5.7
ASPA Alice Springs 42.74 259 eP P 18 52 50.1 +0.2
WRA Warramunga Arr 42.96 264 P P 18 52 51.0 -0.7
1.8nm,0.3s,mb4.0,baz=96,slow=7.8,SNR=93
WRA S 18 58 33.0 -1.5
0.3nm,0.9s,baz=99,slow=14,SNR=3.0
KAKA Kakadu 46.64 273 eP P 18 53 18.2 -1.8
14nm,0.4s,mb4.8
FITZ Fitzroy Crossi 51.39 264 eP P 18 53 54.3 -0.7
12nm,0.3s,mb4.8
MBWA Marble Bar 56.08 259 eP P 18 54 27.1 -0.7
11nm,0.6s,mb4.2
CMAR Chiang Mai Arr 89.35 290 P P 18 57 38.1 +1.0
1.3nm,0.8s,mb3.8,baz=135,slow=3.1,SNR=8.1
ARCES ARCESS Array B 130.36 349 PKP PKP 19 03 43.7 -0.5
0.7nm,0.6s,baz=282,slow=4.2,SNR=3.5
FINES FINES Array B 137.02 342 PKP PKP 19 03 57.3 +0.5
3.7nm,1.1s,baz=158,slow=3.2,SNR=5.4
MLR Muntele Rosu 148.85 324 PKPbc PKP 19 04 22.7 +5.2
0.2nm,0.7s,baz=1.2,slow=23,SNR=2.3

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Epicentral Estimates

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

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

Error Ellipses - The keywords have been shortened.

Observational Data

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

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

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

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

Station magnitude estimate - computed by the ISC.

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

Addendum II

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

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

Addendum III

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

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

1DC 01 00:04:16.5±0.10, 101.555S:114.27E, h0km, mb4.0/8, mb1.4/1.8, mb1mx3.8/5.3, mbtmp4.0/4.7, MS3.1/3.1, ms1mx2.7/4.0, Error ellipse: s-maj=11.6km, s-min=16.9km az=50.0

ISCJBJ 01 00:04:20.2±0.0, 101.545S:105.114.36E±0.05, h33km, mb4.0/15, MS3.7/1, Error ellipse: s-maj=8.0km s-min=5.4km az=135.8

NEIC 01 00:04:21.8±0.9, 101.605S:114.30E, h35km, mb4.2/7, Error ellipse: s-maj=51.6km s-min=8.2km az=46.0

DJA 01 00:04:25.3±1.1, 101.514°E±11.4E, h99km±37km, M4.3/12, ML4.3/12

ISC 01 00:04:25.0±0.8, 101.505S:108.114.44E±0.05, h35km, n41, ±152/141, mb4.1/15, South of Bali

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
DNP	Denpasar	1.96	23	Op	Pn	00 04 53.8 +1.0
DNPJ	Jajag, Banyuwangi	2.03	352	S	Sn	00 05 17.0 +0.9
JAGI	Jajag, Banyuwangi	2.03	352	S	Sn	00 04 54.0 +0.2
BYJI	Banyuwangi	2.27	358	P	Pn	00 05 17.4 -0.6
ABJI	Asem Bagus	2.69	356	P	Pn	00 04 57.3 +0.3
BLJI	Banyuglugur	2.86	343	P	Pn	00 05 03.1 +0.2
TWSI	Taliwang, Sumb	2.97	94	S	Pn	00 05 05.2 +0.3
TWSI	Taliwang, Sumb	2.97	94	S	Sn	00 05 21.5 +1.3
KRKI	Karangkates	3.04	320	P	Pn	00 05 08.6 +0.9
KRKI	Karangkates	3.04	320	P	Sn	00 05 40.9 -2.0
KMMI	Kalianget	3.46	352	P	Pn	00 05 13.9 +0.5
PWJI	Pagerwojo	3.58	313	P	Pn	00 05 14.1 -1.0
PWJI	Pagerwojo	3.58	313	P	Sn	00 05 13.6 -2.6
PCJI	Pacitan	3.95	305	P	Pn	00 05 21.5 +1.3
DBNI	Kabupaten Domp	4.30	63	P	Pn	00 05 25.7 +0.8
UGM	Wanagama	4.64	303	P	Pn	00 05 31.0 +1.2
LEM	Lembang	7.67	298	LR	LR	00 09 52.9
FITZ	Fitzroy Cross	comp=2.71mm, 20.6s, baz=145, slow=85			Pn	00 07 23.5 -3.9
FITZ	Fitzroy Cross	13.22 326 Pn			Sn	00 09 39.9 -1.3
FITZ	Fitzroy Cross	0.2mm, 0.3s, baz=313, slow=10, SNR=8.4			Sn	00 12 52.3
FITZ	Fitzroy Cross	comp=2.40mm, 18.4s, baz=127, slow=39			LR	00 10 52.3
KULM	Kulim	20.85 818 P			P	00 09 00.1 -0.9
WRA	Warramunga Arr	21.35 118 P			P	00 09 07.1 +0.7
WRA	Warramunga Arr	3.0mm, 0.4s, baz=291, slow=12, SNR=24			S	00 12 51.4 -1.0
WRAB	Tennant Creek	21.36 118 eP			P	00 09 07.2 +0.8
ASAR	Alice Springs	22.71 128 P			P	00 09 21.5 +0.4
ASAR	Alice Springs	2.1mm, 0.6s, baz=304, slow=9.5, SNR=20			S	00 13 24.9 -2.4
CMAR	Chian Mui Arr	32.52 392 P			P	00 10 52.9 +2.5
STKA	Stephens Creek	32.90 314 P			P	00 10 53.0 -0.1
H08S2	Diego Garcia H	41.50 270 T			T	00 05 17.9
H08S3	Diego Garcia H	41.51 270 T			T	00 05 39.2
H08S1	Diego Garcia H	41.52 270 T			T	00 05 26.8
ODAN	Odare	45.48 325 eP			P	00 12 38.0 -0.4
TAPN	Tapejlung	45.69 326 eP			P	00 12 40.3 +0.2
RAMN	Ramite	46.00 325 eP			P	00 12 43.0 +0.5
GUM	Gumba	47.15 319 eP			P	00 12 41.3 +0.3
KOLN	Koldanda	48.37 323 eP			P	00 13 00.7 -0.2
DANN	Dangsing	48.70 323 eP			P	00 13 03.3 +0.3
PIJAN	Piuthan	48.94 322 eP			P	00 13 06.1 +0.0
ULN	Ulanbatar	58.47 354 eP			P	00 14 14.7 -0.0
SOMN	Songino Array	58.51 354 P			P	00 14 14.8 -0.1
MKAR	Makanchi Array	68.86 336 P			P	00 14 51.2 +0.1
AAK	Ala-Archa	64.26 328 eP			P	00 14 54.4 +0.4
KURB	Kurchatov Arr	68.42 336 P			P	00 15 20.3 -0.1
KURK	Kurchatov	68.42 336 eP			P	00 15 20.0 +0.1
ZALV	Zalesovo Beam	68.94 342 P			P	00 15 22.5 -0.9
BVAR	Borovoye Arr	78.58 334 P			P	00 15 51.2 -0.3
BRVK	Borovoye	73.65 334 eP			P	00 15 52.1 +0.2
ABKAR	Abkulaik array	76.26 327 eP			P	00 16 06.1 -0.9
AKASG	Malin Array Be	95.02 320 LR			LR	01 08 19.9

1DC 01 00:08:29.2±0.6, 22°26'N:144°70'E, h0km, mb4.0/23, mb1.4/2.25, mb1mx4.0/5.8, mbtmp4.1/25, ML4.4/2, MS3.7/17, Ms1.3/7.17, ms1mx3.5/4.1, Error ellipse: s-maj=19.1km s-min=14.4km az=80.0

ISCJBJ 01 00:08:33.0±0.3, 22°73'N:104°144.63E±0.07, h33km, mb4.5/41, MS3.8/14, Error ellipse: s-maj=9.0km s-min=5.5km az=158.2

NEIC 01 00:08:35.1±1.7, 22°70'N:144°69'E, h38km±15km, mb4.8/18, Error ellipse: s-maj=9.2km s-min=1.1km az=88.0

ISC 01 00:08:34.8±0.5, 22°73'N:107°144.68E±0.10, h33km, n77, ±1059/71, mb4.4/41, MS3.8/14, Volcano Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
CBJI	Chichijima	4.90	333	Op	Pn	00 09 45.4 -0.8
CBJI	Chichijima	4.90	333	eSn	Pn	00 09 41.6 -0.2
CBJI	Chichijima	4.90	333	Pn	Op	00 09 45.4 -0.8
JCJ	Juchitán	32m, 0.3s, baz=258, slow=20, SNR=5.3			Sn	00 10 41.6 -0.2
MJAR	Matushiro Arr	14.86 339 Pn			Pn	00 12 02.3 -0.3
MJAR	Matushiro Arr	0.7mm, 0.3s, baz=158, slow=12, SNR=4.7			LR	00 18 00.8
JOW	Kunigami	15.45 289 LR			LR	00 17 42.0
JOW	Nakatsuji Arr	comp=Z, 477mm, 19.6s, baz=141, slow=36			P	00 18 15.5
KSR	Korea Arr	comp=Z, 161mm, 18.5s, baz=117, slow=36			P	00 13 10.8 -0.1
KSR	Korea Arr	1.8mm, 0.6s, baz=121, slow=14, SNR=6.1			LR	00 21 10.0
KSR	Korea Arr	comp=Z, 345mm, 18.8s, baz=136, slow=37			LR	00 21 10.0
KS15	Wonju Array S	20.60 319 eP			P	00 13 10.8 -0.3
KSAR	Wonju Array Be	20.60 319 P			P	00 13 10.8 -0.3
SSLB	Saunglung	21.82 277 eP			P	00 13 25.4 +1.0
USRK	Ussuriysk Arr	23.83 337 P			P	00 13 46.8 +2.0
PETK	Petrovsk	31.91 15 P			P	00 14 52.9 +2.0
PEAN	Petrovsk	1.0mm, 0.5s, baz=212, slow=5.1, SNR=2.2			P	00 14 59.1 +2.0
COEN	Coen	36.49 182 eP			P	00 15 38.0 +0.8
SONA0	Songino Array	39.45 319 eP			P	00 16 02.6 +0.6
SONM	Songino Array	39.45 319 P			P	00 16 02.6 +0.6
SONM	Songino Array	0.9mm, 0.5s, baz=131, slow=7.8, SNR=9.0			LR	00 32 42.3
CMAR	Chian Mui Arr	42.92 378 LR			LR	00 32 26.9
WB2	Warramunga Arr	43.60 194 eP			P	00 16 36.5 +0.4
WR1	Warramunga Arr	43.60 194 eP			P	00 16 34.0 -2.1
WRA	Warramunga Arr	43.60 194 eP			P	00 16 34.0 -2.1
FITZ	Fitzroy Cross	44.65 206 eP			P	00 16 43.1 -1.3
FITZ	Fitzroy Cross	1.2mm, 0.7s, baz=32, slow=2, SNR=2.3			P	00 16 43.1 -1.3
UGM	Wanagama	44.65 206 eP			P	00 16 50.5 +1.2
ASAR	Alice Springs	47.30 193 P			P	00 17 04.7 -0.6
ASAR	Alice Springs	1.0mm, 0.8s, baz=17, slow=6, SNR=6.8			LR	00 35 42.3
ASAR	Saint Paul Is	47.37 32 eP			P	00 17 04.7 -0.8

EIDS	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
EIDS	Eidsvold	48.22	172	eP	P	00 17 11.6 -0.7
DZM	Mont Dzumac	49.32	153	P	P	00 17 22.7 +1.6
DZM	Mont Dzumac	0.5mm, 0.8s, baz=21, slow=1.8, SNR=2.8			LR	00 35 49.4
ZAAO	Zalesovo Array	54.27	321	eP	P	00 17 57.5 -0.1
ZALV	Zalesovo Beam	54.27	321	P	P	00 17 57.0 -0.6
ZALV	Zalesovo Beam	1.5mm, 0.4s, baz=120, slow=7.7, SNR=8.3			LR	00 41 04.6
ZALV	Zalesovo Beam	comp=Z, 91mm, 19.1s, baz=72, slow=36			P	00 17 57.0 -0.6
ZALV	Zalesovo Beam	54.27 321 P			P	00 17 57.0 -0.6
STKA	Stephens Creek	54.38	183	LR	LR	00 41 58.8
MK01	Makanchi Array	55.02	312	eP	P	00 18 03.5 +0.4
MK31	Makanchi Array	55.03	312	eP	P	00 18 04.0 +0.8
MK32	Makanchi Array	55.03	312	eP	P	00 18 03.7 +0.5
MK32	Makanchi Array	0.6mm, 0.4s, baz=86, slow=9.1, SNR=1.4			P	00 18 03.7 +0.5
MKAR	Makanchi Array	55.03	312	eP	P	00 18 04.0 +0.8
KKH	Kailua Kona	55.06	81	eP	P	00 18 04.1 +0.3
MAK2	Makanchi	55.25	312	eP	P	00 18 05.0 +0.2
KDK	Kodiak Island	56.56	35	LR	LR	00 38 49.1
KURK	Kurchatov	57.67	317	eP	P	00 18 20.8 -1.2
KURB	Kurchatov Arra	57.73	316	P	P	00 18 22.4 +0.1
CAST	Castle Rocks	57.98	28	eP	P	00 18 22.1 -1.9
BPAW	Beaw Pwn Mtn	58.62	28	eP	P	00 18 29.4 +1.1
TRF	Thorofare Moun	58.78	28	eP	P	00 18 27.2 -2.4
ILAR	Eielson Array	60.49	27	P	P	00 18 41.3 +0.1
ILB	Eielson Array	60.49	27	eP	P	00 18 41.3 +0.1
AAK	Ala-Archa	60.65	307	P	P	00 18 44.0 +1.1
DOT	Dot Lake	61.56	29	eP	P	00 18 51.0 +2.4
BVAR	Borovoye Array	62.80	319	P	P	00 18 57.5 +0.5
KBL	Kabul	66.05	299	eP	P	00 19 19.7 +0.8
INK	Inuvik	66.07	24	P	P	00 19 18.8 +0.7
ARU	Arti	69.26	324	P	P	00 19 38.9 +0.5
ARU	Arti	0.3mm, 0.3s, baz=56, slow=3.9, SNR=1.0			P	00 19 38.9 +0.5
ARU	Arti	69.26 324 eP			P	00 19 38.9 +0.5
ABKAR	Abkulaik array	69.77	316	eP	P	00 19 41.9 +0.2
GEYT	Geysir	73.00	305	P	P	00 20 06.5 +0.2
YKA	Yellowknife Arr	74.89	28	P	P	00 20 13.3 +1.3
YKBS	Yellowknife Arr	74.89	28	eP	P	00 20 13.3 +1.3
ARAD	Arcees Array S	78.38	342	P	P	00 20 30.6 -1.1
ARCS	Arcees Array B	78.38	342	P	P	00 20 30.6 -1.1
NV01	Mina Array Sit	81.42	52	eP	P	00 20 48.0 -0.9
NVAR	Mina Array Be	81.42	52	eP	P	00 20 48.0 -0.9
NVAR	Mina Array Be	0.9mm, 0.5s, baz=268, slow=3.9, SNR=5.6			LR	00 51 34.5
KBZ	Khabaz	82.65	314	P	P	00 20 54.0 -1.0
KBZ	Khabaz	2.2mm, 0.9s, baz=51, slow=6.5, SNR=3.8			P	00 20 54.0 -1.0
KBZ	Khabaz	comp=Z, 110mm, 18.3s, baz=53, slow=38			LR	00 20 55.6 -0.1
FAIO	FINES Array S	82.84	335	eP	P	00 20 55.6 -0.1
FINES	FINES Array S	82.84	335	P	P	00 20 55.6 -0.1
BOZ	Bozeman (W)	83.08	43	eP	P	00 20 56.8 -0.6
YMR	Madison River	83.92	44	eP	P	00 21 02.2 +0.3
LCMT	Little Creek M	85.66	52	eP	P	00 21 09.2 -1.5
PD31	Pinedale Array	85.68	45	eP	P	00 21 10.1 -0.8
PDAR	Pinedale Array	85.68	45	eP	P	00 21 10.1 -0.8
PDAR	Pinedale Array	0.2mm, 0.5s, baz=304, slow=1.8, SNR=8.9			LR	00 54 05.0
HFS	Hagfors	88.31	338	P	P	00 21 22.0 -0.8
BRTR	Keegan Array B	90.64	314	LR	LR	01 04 57.0
TXAR	Lajitas Array	96.33	55	LR	LR	01 00 18.2
GERES	GERES Array B	96.40	342	LR	LR	01 09 19.1
TOA1	Torodi Arr. Sit	129.14	311	ePKPdf	PKPdf	00 27 38.2 -2.1
TORD	Torodi Arr. Be	129.15	311	PKP	PKPdf	00 27 38.2 -2.1
PLCA	Paso Flores	145.37	119	PKP	PKPdf	00 28 09.3 -0.2
LPZA	La Paz	148.46	84	PKPbc	PKPbc	00 28 18.5 -1.2

1DC 01 00:13:32.8±0.8, 30°15'N:67.72E, h0km, mb3.7/13, mb1.3/9.15, mb1mx3.7/6.2, mbtmp3.8/15, ML3.8/2, MS3.2/2, Ms1.3/2.2, ms1mx2.6/5.0, Error ellipse: s-maj=22.5km s-min=16.8km az=118.0

ISCJBJ 01 00:13:34.0±0.5, 30°13'N:106°08.67E±0.07, h24km, mb3.7/12, MS3.0/1, Error ellipse: s-maj=11.2km s-min=8.2km az=12.9

ISC 01 00:13:36.3±0.7, 30°21'N:109.6778E±0.09, h24km, n23, ±1907/24, mb3.8/12, Pakistan

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
WSAR	Wadi Sarin	10.72	323	Pn	Op	00 16 06.8 -1.5
WSAR	Wadi Sarin	0.4mm, 0.3s, baz=71, slow=2.5, SNR=1.3			Sn	00 17 53.8 -1.4
WSAR	Wadi Sarin	0.2mm, 0.3s, baz=220, slow=18, SNR=5.7			Sn	00 16 45.6 -0.4
PYUN	Pyuthian	13.46	95	eP	Pn	00 16 46.9 +0.2
AAK	Ala-Archa	13.52	22	Pn	Pn	00 17 12.7 -3.6
AAK	Ala-Archa	1.1mm, 0.3s, baz=158, slow=6.9, SNR=2.0				

comp=2.4,7nm,0.8s,baz=301,slow=2.6,SNR=14
SAML Samuel 150.17 67 ePKPbc PKPbc 03 51 58.2 -0.7

ISCJB 01 03:35:29.6,0.6,6.84N,0.04:73.08W,0.04,h158km,6km,
Error ellipse: s-maj=8.1km s-min=4.3km az=35.7

FUNV 01 03:35:30.1,6.77N,73.23W,h163km,MW3.2
RSCN 01 03:35:33.9,0.6,6.78N,73.18W,h139km,5km,ML3.2
ISC 01 03:35:29.4,1.4,6.83N,0.04:73.09W,0.05,h163km,6km,
n22,-1524/34,Northern Colombia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC h m s ISC. Lists stations like BTCL Betulia, Santa, BARC Barichara, GIRC Giron, Santand, etc.

WEL 01 03:39:14.7,0.2,39.24S-173.84E,h14km,1km,ML3.0/15,
2C-2D, Error ellipse: s-maj=1.2km s-min=1.2km az=90.0,
Off west coast of North Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC h m s ISC. Lists stations like NWEZ Newall Road, PKZE Pukeiti, NMEZ Namu Road, etc.

WEL 01 03:39:41.1,0.2,39.24S-175.85E,h70km,1km,ML3.5/3,
1C, Error ellipse: s-maj=1.2km s-min=0.9km az=90.0,
North Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC h m s ISC. Lists stations like TUVZ Tukino, OTVZ Oturere, MOVZ Moawhango, etc.

ISK 01 03:40:39.2,40.41N,32.13E,h9km,MD2.7
ISCJB 01 03:40:44.3,0.7,40.16N,0.04:31.73E,0.04,h1km,6km,
Error ellipse: s-maj=6.7km s-min=4.8km az=138.9

DDA 01 03:40:44.4,40.17N,31.70E,h7km,MD2.7
CSEM 01 03:40:44.4,40.17N,31.70E,h7km,MD2.7
ISC 01 03:40:44.2,1.4,40.18N,0.02:31.68E,0.02,h1km,10km,
n24,-0597/38,Turkey

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC h m s ISC. Lists stations like AUMIH MIHALICKI, AUMIH MIHALICKI, MDUB Mudurnu, etc.

CSEM 01 03:42:56.7,0.2,41.40N,23.35E,h2km,ML1.6, Error
ellipse: s-maj=3.7km s-min=2.8km az=79.0

SKO 01 03:42:57.2,41.44N,23.31E,h0km,M1.0,ML1.5
BEO 01 03:42:59.6,1.2,41.48N,23.19E,h0km,ML1.5/4
ATH 01 03:42:55.9,41.42N,23.32E,h19km,2km,ML1.6/2, Error
ellipse: s-maj=2.6km s-min=1.1km az=165.0,Analyst:
DASKALAKI ML Amplitudes are expressed in
micrometers All distances are expressed in km,
Greece-Bulgaria border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC h m s ISC. Lists stations like KNT Kendrikon, KNT KNT, KNT 211µm,0.1s, etc.

ISCJB 01 04:04:42.1,0.5,70.21N,0.04:143.10W,0.09,h10km,
mb3.6/3, Error ellipse: s-maj=5.6km s-min=4.1km
az=161.6

NEIC 01 04:04:44.5,70.19N,143.53W,h18km,ML3.4(AEIC),After
AEIC

ICC 01 04:04:44.1,1.2,70.33N,143.64W,h0km,mb3.8/3,
mb1.3.8/6,mb1mx3.5/39,mbmtpp.3.76,ML3.4/3, Error
ellipse: s-maj=29.4km s-min=20.5km az=54.0

PGC 01 04:04:46.0,9.7,70.30N,143.05W,h5km,ML3.0/1,198km
east of Prudhoe Bay, Ar Northern Alaska

ISC 01 04:04:43.4,0.7,70.23N,0.05:143.42W,0.04,h10km,n51,
s1953/62,mb3.7/3,Northern Alaska

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC h m s ISC. Lists stations like KNT Kendrikon, KNT KNT, KNT 211µm,0.1s, etc.

MDM Murphy Dome 5.60 201 P Pn 04 06 08.5 +1.9
COLA College 5.64 200 eS Pn 04 06 05.4 -1.7

COLA College 5.64 200 eS Pn 04 06 08.5 +1.9
ILAR Eielson Array 5.64 195 P Sg 04 07 43.0 -1.2
ILAR Eielson Array 5.64 195 Pn Pn 04 06 08.5 +1.6

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC h m s ISC. Lists stations like ILAR Eielson Array, IM3 Indian Mountain, CCB Clear Creek Bay, etc.

NIED 01 04:29:00,46:70N,152:80E,h29km,Mw4.3, Best double
couple: M3.16000x1015 NP1.2x296.00000, 850.00000,
1.145.00000, NP2.0x50.00000, 864.00000, 1.46.00000,
JMA 01 04:29:42.6,0.1,3.46:73N,152:83E,h30km,M4.6
SKHL 01 04:29:43.0,0.5,46:21N,153:06E,h45km,5km,mb4.9/8,
M3.3/9,
ISCJB 01 04:29:44.9,0.1,3.46:73N,152:82E,0.04,h40km,
mb4.2/30,MS3.5/11, Error ellipse: s-maj=6.1km
s-min=3.7km az=151.9

MOS 01 04:29:44.7, 1.4, 46.52N, 152.70E, h34km, mb4.6/12, Error ellipse: s-maj=10.1km s-min=7.6km az=64.7

IDC 01 04:29:49.2, 2.4, 46.47N, 152.75E, h46km, mb3.8/20, mb1.4, 1/24, mb1mx3.9/60, mbtmp4.1/24, ML3.5/4, MS3.5/14, Ms1.3/5.14, ms1mx3.2/47, Error ellipse: s-maj=17.5km s-min=12.0km az=137.0

NEIC 01 04:29:47.3, 1.0, 46.47N, 152.80E, h44km, mb4.4/8, Error ellipse: s-maj=11.6km s-min=6.2km az=138.0

ISC 01 04:29:46.1, 0.5, 46.24N, 152.91E, 0.06, h40km, n140, r148/138, mb4.3/31, MS3.4/11, 17C-9D, Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Contains station data for Kuril'sk, Nemuro 2, Nemuro 3, Nemuro 4, Nemuro 5, Nemuro 6, Nemuro 7, Nemuro 8, Nemuro 9, Nemuro 10, Nemuro 11, Nemuro 12, Nemuro 13, Nemuro 14, Nemuro 15, Nemuro 16, Nemuro 17, Nemuro 18, Nemuro 19, Nemuro 20, Nemuro 21, Nemuro 22, Nemuro 23, Nemuro 24, Nemuro 25, Nemuro 26, Nemuro 27, Nemuro 28, Nemuro 29, Nemuro 30, Nemuro 31, Nemuro 32, Nemuro 33, Nemuro 34, Nemuro 35, Nemuro 36, Nemuro 37, Nemuro 38, Nemuro 39, Nemuro 40, Nemuro 41, Nemuro 42, Nemuro 43, Nemuro 44, Nemuro 45, Nemuro 46, Nemuro 47, Nemuro 48, Nemuro 49, Nemuro 50, Nemuro 51, Nemuro 52, Nemuro 53, Nemuro 54, Nemuro 55, Nemuro 56, Nemuro 57, Nemuro 58, Nemuro 59, Nemuro 60, Nemuro 61, Nemuro 62, Nemuro 63, Nemuro 64, Nemuro 65, Nemuro 66, Nemuro 67, Nemuro 68, Nemuro 69, Nemuro 70, Nemuro 71, Nemuro 72, Nemuro 73, Nemuro 74, Nemuro 75, Nemuro 76, Nemuro 77, Nemuro 78, Nemuro 79, Nemuro 80, Nemuro 81, Nemuro 82, Nemuro 83, Nemuro 84, Nemuro 85, Nemuro 86, Nemuro 87, Nemuro 88, Nemuro 89, Nemuro 90, Nemuro 91, Nemuro 92, Nemuro 93, Nemuro 94, Nemuro 95, Nemuro 96, Nemuro 97, Nemuro 98, Nemuro 99, Nemuro 100.

Table with columns: KSRs, Korea Array, 20.51 254 P P, 04 34 21.5 +0.8, 04 41 44.4, 04 34 25.4 +2.3, 04 34 21.5 +0.4, 04 34 21.5 +0.4, 04 41 56.9, 04 42 41.7, 05 07 16.6, 05 07 27.0, 05 07 15.0, 05 08 32.2, 05 08 37.4, 05 08 40.3, 04 49 14.5, 04 36 49.6 +1.5, 04 36 49.6 +1.5, 04 36 51.5 -0.1, 04 37 34.9 +0.7, 04 37 34.8 +0.7, 04 37 34.8 +0.7, 04 39 30.2 +0.1, 04 56 25.7, 04 38 11.8 -1.7, 04 39 45.6 +0.6, 04 58 58.8, 04 38 12.5 -1.0, 04 38 15.6 -1.5, 04 38 15.6 -1.5, 04 38 15.6 -1.5, 04 38 39.6 +1.5, 04 38 39.6 +1.5, 04 38 45.3 -0.7, 04 38 46.9 +0.3, 04 38 51.1 +0.6, 04 38 51.1 +0.6, 04 38 54.1 +1.7, 05 03 50.5, 04 38 54.3 +2.0, 04 39 15.9 +2.7, 04 39 14.5 +0.7, 04 39 18.5 +2.0, 04 39 19.7 +1.4, 04 39 23.0 +1.4, 04 39 25.6 +0.7, 04 39 26.7 +0.3, 05 02 26.5, 04 39 35.0 -1.2, 04 39 35.0 -1.2, 04 39 37.7 -1.2, 04 39 58.4 +1.9, 04 40 00.2 +0.1, 04 40 00.2 +0.1, 04 40 00.2 +0.1, 04 40 07.9 +0.3, 04 40 11.1 -1.5, 04 40 16.4 -1.4, 04 40 16.7 -1.1, 04 40 24.1 +0.9, 04 40 42.0 +1.1, 04 40 42.0 +1.1, 04 40 41.6 +0.6, 04 40 44.4 -0.4, 04 40 43.8 -1.1, 04 40 44.3 -0.5, 04 40 45.2 -1.0, 05 17 00.8, 04 41 05.5 +1.9, 04 41 03.9 -0.8, 05 15 10.8, 04 41 24.6 +0.5, 04 41 28.4 +0.1, 04 41 30.2 -0.2, 04 41 33.3 -0.3, 04 41 33.3 -0.3, 04 41 37.5 +0.7, 04 41 38.1 +1.2, 04 41 37.6 -0.1, 04 41 40.1 +1.1, 04 41 40.9 +1.2, 04 41 42.2 +1.9, 04 41 43.0 +0.7, 04 41 44.1 +0.6, 04 41 49.2, 04 41 44.1 +0.6, 04 41 49.2, 04 41 37.5 +0.7, 04 41 38.1 +1.2, 04 41 37.6 -0.1, 04 41 40.1 +1.1, 04 41 40.9 +1.2, 04 41 42.2 +1.9, 04 41 43.0 +0.7, 04 41 44.1 +0.6, 04 41 49.2, 04 41 44.1 +0.6, 04 41 49.2

Table with columns: BRTR, Keskin Array B, 78.66 317 P P, 04 41 44.2 +0.2, 05 22 11.3, 04 41 44.8 +0.8, 04 41 44.1 0.0, 04 41 44.8 0.0, 04 41 46.1 +0.7, 04 41 46.2 +0.7, 04 41 48.3 -0.1, 04 41 49.0 +0.4, 04 41 48.2 -0.9, 04 41 54.8 +0.8, 04 41 56.9 +0.8, 04 49 30.3 +1.1

ISCJB 01 04:32:27.5, 0.6, 24.49N, 122.80E, 0.02, h89km, 6km, Error ellipse: s-maj=8.3km s-min=2.9km az=174.7

TAP 01 04:32:27.3, 24.50N, 122.77E, h101km, ML3.4, C

JMA 01 04:32:27.1, 0.1, 24.47N, 122.78E, h94km, 1km, M2.8

ISC 01 04:32:27.9, 1.4, 24.49N, 122.80E, 0.03, h89km, 9km, n36, r060/66, Td, Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Contains station data for Yonagunijimaku, Yonaguni jima, Iriomote-Funau, Suao, ENA, ENA, HATJ, HATJ, TWE, TWE, NWF, NWF, WU, WU, JKRS, JKRS, ENTT, ENTT, TWD, TWD, HWA, HWA, JIJ, JIJ, NNS, NNS, NNS, NNS, JISG, JISG, TWS1, TWS1, ESL, ESL, ESL, ESL, WHF, WHF, WHF, WHF, TWT, TWT, NSTT, NSTT, NSTT, NSTT, EHY, EHY, WDT, WDT, WDT, WDT, JTJ, JTJ, TWF1, TWF1, SMLT, SMLT, SMLT, SMLT, TWQ1, TWQ1, TWQ1, TWQ1, TYC, TYC, TYC, TYC, YUS, YUS, YUS, YUS, ALS, ALS, ELDTW, ELDTW, ELDTW, ELDTW, CHNS, CHNS, CHNS, CHNS, JKIM, JKIM, CHNA, CHNA, CHNA, CHNA, WTP, WTP, CHN1, CHN1, CHN1, CHN1, STKA, STKA, WRA, WRA, ASAR, ASAR, ILAR, ILAR

IDC 01 04:34:07.4, 2.3, 16.82S, 178.17W, h0km, mb4.1/5, mb1.4/5, mb1mx3.9/33, mbtmp4.1/5, Error ellipse: s-maj=127.3km s-min=25.3km az=145.0, Fiji Islands region

130A Snyder baze=142	64.98 326 P	P	P	05 28 27.6 +0.4	comp=Z,6.0nm,0.6s	M38A Pleasantville baze=150,SNR=23	68.84 337 P	P	P	05 28 49.9 -0.8	H32A Carlson Farm, baze=147,SNR=5.2	73.08 335 P	P	P	05 29 15.3 -0.3
U38A Gravelle baze=148	65.02 333 P	P	P	05 28 27.2 -0.1		Q32A Mettler Ranch, baze=150,SNR=23	68.96 332 P	P	P	05 28 51.4 -0.1	SMCO Snowmass comp=Z,6.3nm,0.7s	73.15 326 eP	P	P	05 29 18.5 +1.9
W35A Tecumseh baze=146	65.03 330 P	P	P	05 28 27.5 +0.2		N36A Muff Farm, Cla baze=149,SNR=5.5	69.19 339 eP	P	P	05 28 52.0 -0.4	F35A Swaine baze=150	73.19 338 P	P	P	05 29 15.8 -0.3
T39A Clever baze=149,SNR=11	65.10 334 P	P	P	05 28 27.5 -0.3		JFWS Jewell Farm comp=Z,5.3nm,0.6s	69.14 339 eP	P	P	05 28 52.0 -0.4	K28A Ten Mile Ranch baze=144	73.22 332 P	P	P	05 29 15.0 -1.5
Z31A Sharp Cattle R baze=142	65.13 327 P	P	P	05 28 28.2 +0.1		JFWS Jewell Farm comp=Z,5.3nm,0.6s	69.14 339 eP	P	P	05 28 52.0 -0.4	G33A Orionville baze=148	73.29 336 P	P	P	05 29 16.3 -0.4
TRY Troy comp=Z,2.5nm,0.8s	65.13 352 eP	P	P	05 28 30.5 +2.7		JFWS Jewell Farm comp=Z,6.0nm,0.6s	69.14 336 P	P	P	05 28 52.1 -0.4	E36A McGregor baze=151,SNR=6.0	73.32 339 P	P	P	05 29 16.6 -0.2
V36A Jenks baze=147	65.14 331 P	P	P	05 28 27.8 -0.2		M37A Trindle Farm, baze=150,SNR=16	69.23 323 eP	P	P	05 28 56.0 +2.5	J29A Okreek baze=145	73.33 333 P	P	P	05 29 17.4 +0.4
TUL1 Leonard baze=147,SNR=5.5	65.18 332 P	P	P	05 28 28.1 -0.2		BNM Barren Site comp=Z,3.6nm,0.7s	69.26 344 eP	P	P	05 28 53.1 0.0	I30A Oacoma baze=145,SNR=7.7	73.38 334 P	P	P	05 29 16.9 -0.4
TUL1 Leonard comp=Z,4.4nm,0.8s	65.18 332 eP	P	P	05 28 28.6 +0.4		GLMI Grayling comp=Z,2.4nm,0.8s	69.27 337 eP	P	P	05 28 53.1 -0.1	C39A Grand Marais baze=154,SNR=9.9	73.51 342 P	P	P	05 29 17.5 -0.4
ALLY Alegheny Colle comp=Z,10.4nm,0.8s	65.21 346 eP	P	P	05 28 28.3 -0.1		N35A Tabor baze=148	69.30 335 P	P	P	05 28 53.1 -0.3	D37A Cotton baze=152	73.62 340 P	P	P	05 29 18.5 0.0
S40A Lebanon baze=150,SNR=7.8	65.25 335 P	P	P	05 28 28.2 -0.5		CBKS Cedar Bluff baze=144	69.34 331 P	P	P	05 28 54.3 +0.5	J28A Allard Ranch, baze=144	73.74 332 P	P	P	05 29 20.1 +0.7
X33A Lawton baze=144	65.30 329 P	P	P	05 28 28.9 -0.1		Q31A Ellis baze=144	69.34 331 P	P	P	05 28 54.4 +0.6	G32A Webster baze=147	73.74 336 P	P	P	05 29 19.4 0.0
U37A Salina baze=148,SNR=7.5	65.30 332 P	P	P	05 28 29.1 0.0		LPM Los Pinos Moun baze=151,SNR=5.9	69.35 323 eP	P	P	05 28 56.2 +2.0	E35A Pequot Lakes baze=150	73.74 338 P	P	P	05 29 19.3 0.0
V35A Meyer Ranch, C baze=149,SNR=8.8	65.52 331 P	P	P	05 28 30.4 0.0		L38A Oak Wood Farm, baze=151,SNR=5.9	69.38 337 eP	P	P	05 28 53.2 -0.7	C38A Sawhill Land. baze=153	73.76 341 P	P	P	05 29 19.2 -0.2
U36A Oologah baze=147	65.56 332 P	P	P	05 28 30.7 +0.1		M36A Felix, Anita baze=149,SNR=9.0	69.47 336 P	P	P	05 28 53.9 -0.6	PDMCI Parker Dam,Lak baze=132	73.77 318 P	P	P	05 29 20.7 +1.1
Z30A Sanderson Ranc baze=142	65.61 326 P	P	P	05 28 31.2 +0.1		P32A Huiting Farm, baze=149	69.49 332 P	P	P	05 28 55.0 +0.3	F33A 5 Mile Ranch, baze=148,SNR=5.5	73.79 337 P	P	P	05 29 18.7 -0.8
ERPA Erie comp=Z,8.9nm,0.6s	65.62 347 eP	P	P	05 28 31.0 +0.1		LMQ La Malbaie comp=Z,1.7nm,0.8s	69.56 355 eP	P	P	05 28 54.8 -0.1	PV09 Paradox Valley baze=153	73.79 324 eP	P	P	05 29 22.2 +2.1
S39A Bolivar baze=150,SNR=22	65.65 335 P	P	P	05 28 30.9 -0.3		N34A Lincoln baze=148,SNR=7.4	69.62 334 P	P	P	05 28 55.3 -0.1	I29A Vivian Onida baze=153	73.83 333 P	P	P	05 29 20.2 +0.3
R40A Maddies Statio baze=151,SNR=14	65.76 336 P	P	P	05 28 30.8 -1.1		ANMO Albuquerque baze=144	69.69 330 P	P	P	05 28 56.4 +0.4	D36A Goodland baze=145	73.87 340 P	P	P	05 29 19.8 -0.2
W33A Caddo, Fort Co baze=144,SNR=8.8	65.78 329 P	P	P	05 28 32.5 +0.4		Q30A Albuquerque comp=Z,1.7nm,0.7s	69.72 324 P	P	P	05 28 57.4 +1.0	N23A Red Feather La baze=139	73.92 328 P	P	P	05 29 22.7 +2.0
T37A Cheneyville 18 baze=148,SNR=16	65.82 333 P	P	P	05 28 32.1 -0.1		ANMO Albuquerque comp=Z,1.7nm,0.7s	69.72 324 eP	P	P	05 28 58.1 +1.7	N23A Red Feather La baze=150,SNR=6.6	73.92 328 eP	P	P	05 29 22.6 +1.8
S38A Stockton baze=149,SNR=12	65.84 334 P	P	P	05 28 32.0 -0.4		ANMO Albuquerque comp=Z,1.7nm,0.7s	69.72 324 eP	P	P	05 28 56.7 +0.3	E34A Wadena baze=150	73.97 338 P	P	P	05 29 20.2 -0.4
SFIN Lafayette baze=156	65.84 341 P	P	P	05 28 31.0 -1.3		K38A comp=Z,4.0nm,1.0s Parkersburg baze=151,SNR=6.0	69.76 338 P	P	P	05 28 55.9 -0.3	PHWY Pilot Hill comp=Z,6.3nm,0.6s	73.99 329 eP	P	P	05 29 22.1 +0.9
SFIN Lafayette comp=Z,4.1nm,0.6s	65.84 341 eP	P	P	05 28 31.1 -1.3		M35A Neola baze=148	69.83 335 P	P	P	05 28 56.7 +0.1	EYMN Ely baze=153	74.03 341 P	P	P	05 29 20.3 -0.6
V34A Guthrie baze=145	65.89 330 P	P	P	05 28 32.8 0.0		Q29A Oakley baze=143	69.87 330 P	P	P	05 28 57.8 +0.2	C37A Embarrass baze=152	74.05 340 P	P	P	05 29 20.8 -0.2
HNH Hanover comp=Z,3.6nm,1.0s	65.93 353 eP	P	P	05 28 33.6 +0.9		L36A Harm Buss Farm baze=149	69.98 336 P	P	P	05 28 57.8 +0.3	D35A North Rim baze=151	74.08 339 P	P	P	05 29 21.6 +0.5
U35A Pawnee baze=149,SNR=6.2	65.98 331 P	P	P	05 28 33.4 +0.1		K37A Belmond baze=150	70.17 337 P	P	P	05 28 57.8 -0.9	U15A BC3 Big Chuckawall baze=144	74.16 317 eP	P	P	05 29 24.3 +2.4
R39A Chumby, Stover baze=150,SNR=14	66.08 335 P	P	P	05 28 33.6 -0.2		J38A Wedel Dairy, R baze=152,SNR=6.1	70.25 338 P	P	P	05 28 58.3 -0.8	U15A BC3 Big Chuckawall baze=144	74.16 317 eP	P	P	05 29 24.3 +2.4
X31A McDonald Ranch baze=143	66.09 328 P	P	P	05 28 34.5 +0.5		T25A Trinidad baze=140	70.28 326 P	P	P	05 29 00.4 +0.7	U15A BC3 Big Chuckawall baze=144	74.16 317 eP	P	P	05 29 24.3 +2.4
W32A Sentinel baze=144	66.12 329 P	P	P	05 28 34.4 +0.1		L35A Blewout Farm, R baze=149,SNR=7.7	70.32 335 P	P	P	05 29 00.2 -0.4	E33A Westby DABS, E baze=149	74.25 337 P	P	P	05 29 22.0 0.0
T36A Boggs Farm, Ca baze=147,SNR=9.8	66.18 332 P	P	P	05 28 34.5 +0.1		TUC Tucson baze=134	70.36 319 P	P	P	05 29 00.1 +0.1	C36A Pine Crest Far baze=152,SNR=7.3	74.28 340 P	P	P	05 29 22.0 -0.3
V33A Lossen Ranch, baze=145	66.23 330 P	P	P	05 28 35.1 +0.3		K36A Gilmore City baze=150,SNR=7.5	70.36 336 P	P	P	05 28 59.4 -0.4	IRM Iron Mountain baze=142	74.29 318 P	P	P	05 29 24.2 +1.4
Q40A Laux Farm, Aux baze=151,SNR=9.3	66.30 336 P	P	P	05 28 34.7 -0.5		L34A Svendsen Farm, baze=148,SNR=5.2	70.52 335 P	P	P	05 29 00.2 -0.5	J26A Sides Ranch, S baze=142	74.45 331 P	P	P	05 29 24.5 +1.0
R38A Fenwick Farm, baze=149,SNR=31	66.31 334 P	P	P	05 28 34.8 -0.5		O30A MW Ranch, Wils baze=144	70.59 331 P	P	P	05 29 02.1 +0.8	D34A Park Rapids baze=142	74.47 338 P	P	P	05 29 23.2 -0.2
MDV Middlebury baze=149,SNR=17	66.32 353 eP	P	P	05 28 35.5 +0.3		J37A Redenius Farm, baze=151	70.62 337 P	P	P	05 29 01.1 -0.2	O20A White River Ci baze=137	74.51 326 eP	P	P	05 29 25.6 +1.5
S37A Fort Scott baze=142	66.33 333 P	P	P	05 28 35.2 -0.2		K35A Storm Lake baze=149	70.72 336 P	P	P	05 29 01.8 -0.1	F31A Hecla baze=147	74.53 336 P	P	P	05 29 23.7 -0.1
T35A Sooner Cattle baze=142	66.33 332 P	P	P	05 28 36.1 +0.6		BGNE Belgrade baze=146	70.78 333 P	P	P	05 29 02.1 -0.1	C35A Jirik Farms, M baze=151,SNR=13	74.60 339 P	P	P	05 29 23.8 -0.3
X30A Coker Ranch, T baze=142	66.39 327 P	P	P	05 28 36.4 +0.5		I38A Scanlan Farm, baze=152,SNR=5.7	70.83 339 P	P	P	05 29 01.8 -0.7	H28A Mission Ridge baze=144	74.66 333 P	P	P	05 29 24.8 +0.3
EMMV East Machias comp=Z,2.9nm,1.6s	66.55 357 eP	P	P	05 28 36.2 -0.3		KSCO Kaye Shedlock baze=142	70.85 329 eP	P	P	05 29 01.4 -1.6	BELC Belle Mtn. Jos baze=130	74.73 317 P	P	P	05 29 26.6 +1.3
S36A Lake Cedric, C baze=148,SNR=14	66.61 333 P	P	P	05 28 37.0 -0.2		J36A Seneca 1, Sween baze=150	70.92 337 P	P	P	05 29 02.7 -0.3	D33A AnnSam, Waubun baze=149	74.74 338 P	P	P	05 29 25.1 +0.2
Q39A Willow Grove F baze=151,SNR=17	66.69 336 P	P	P	05 28 36.9 -0.7		VLDO Val d'Or comp=Z,1.3nm,0.8s	70.94 350 eP	P	P	05 29 03.1 +0.1	PFO Pinyon Flats O baze=130	74.77 316 P	P	P	05 29 26.9 +1.4
MNTX Cornudas Mount baze=138	66.72 322 P	P	P	05 28 38.3 +0.3		K34A Le Mars baze=149	71.03 335 P	P	P	05 29 03.4 -0.3	J25A Sunshine Ranch baze=142	74.84 331 P	P	P	05 29 26.7 +1.1
MNTX Cornudas Mount comp=Z,2.1nm,0.8s	66.72 322 eP	P	P	05 28 38.7 +0.7		M31A Lambrecht Ranc baze=145	71.07 333 P	P	P	05 29 03.9 -0.2	C34A RKJ Ranch, Bem baze=150,SNR=6.3	74.86 339 P	P	P	05 29 25.2 -0.4
T34A McCleary Farm baze=146	66.72 331 P	P	P	05 28 37.7 -0.2		I37A Lemond, Waseca baze=151,SNR=7.8	71.18 338 P	P	P	05 29 04.2 -0.3	G28A Parade baze=144	74.94 334 P	P	P	05 29 26.8 +0.7
P40A Paris baze=151,SNR=10	66.76 336 P	P	P	05 28 37.2 -0.8		DRLN Deer Lake comp=Z,6.0nm,0.8s	71.22 4 eP	P	P	05 29 04.5 -0.2	SRU San Rafael Swe comp=Z,1.1nm,0.7s	74.98 324 eP	P	P	05 29 28.4 +1.7
R37A Teagarden Farm baze=148,SNR=11	66.80 334 P	P	P	05 28 37.8 -0.5		J35A Milford baze=149	71.27 336 P	P	P	05 29 04.7 -0.4	SRU San Rafael Swe comp=Z,1.1nm,0.7s	74.98 324 eP	P	P	05 29 28.4 +1.7
Q38A Cooks Store, C baze=150,SNR=7.8	66.87 335 P	P	P	05 28 38.3 -0.4		J36A Fitzsimmons Fa baze=150	71.40 337 P	P	P	05 29 05.6 -0.2	J24A Sunshin Ranch baze=142	74.84 331 P	P	P	05 29 26.7 +1.1
S35A Otter Creek Ra baze=147,SNR=11	66.89 332 P	P	P	05 28 38.9 0.0		J34A George baze=148	71.48 336 P	P	P	05 29 06.2 -0.1	C35A RJK Ranch, Bem baze=150,SNR=6.3	74.94 334 P	P	P	05 29 26.8 +0.7
P39A Salisbury baze=151,SNR=19	66.99 336 P	P	P	05 28 38.9 -0.5		H37A Dier Farm, C baze=151,SNR=9	71.51 338 P	P	P	05 29 06.1 -0.3	SRU San Rafael Swe comp=Z,1.1nm,0.7s	74.98 324 eP	P	P	05 29 28.4 +1.7
MSTX Muleshoe baze=140	67.00 325 P	P	P	05 28 40.1 +0.3		I35A Creekview Farm baze=149	71.61 337 P	P	P	05 29 07.1 0.0	SRU San Rafael Swe comp=Z,1.1nm,0.7s	74.98 324 eP	P	P	05 29 28.4 +1.7
MSTX Muleshoe comp=Z,1.6nm,0.9s	67.00 325 eP	P	P	05 28 40.3 +0.5		COWI Conover comp=Z,2.2nm,0.5s	71.67 342 eP	P	P	05 29 07.1 -0.3	E31A Nome baze=147	74.98 336 P	P	P	05 29 26.4 +0.1
MSTX Gordon, Harris baze=148	67.08 333 P	P	P	05 28 39.8 -3.5		H36A Jessenland, H baze=150,SNR=13	71.85 338 P	P	P	05 29 08.1 -0.3	GMRC Granite Mounta baze=131	75.03 318 P	P	P	05 29 28.3 +1.6
R36A Lake Cedric, C baze=148,SNR=14	66.61 333 P	P	P	05 28 37.0 -0.2		H36A Jessenland, H baze=150,SNR=13	71.85 338 P	P	P	05 29 08.1 -0.3	LCMT Little Creek M baze=143	75.05 321 eP	P	P	05 31 24.1 +4.2
Q37A Longview Farm, baze=149,SNR=11	67.12 334 P	P	P	05 28 39.8 -0.5		J33A Davis baze=148	71.90 335 P	P	P	05 29 08.7 0.0	H27A Howes baze=143	75.07 333 P	P	P	05 29 27.0 +0.1

A33A	Warroad	76.14	339	P	P	05 29 32.6	0.0
C30A	Mose, Pekin	76.16	337	P	P	05 29 33.4	+0.6
F26A	Lodgepole	76.30	333	P	P	05 29 34.0	+0.3
E27A	Carson	76.31	334	P	P	05 29 34.0	+0.3
NLU	North Lily Min	76.42	324	eP	P	05 29 36.9	+2.2
PSUT	Pinet Spring	76.44	322	eP	P	05 29 37.5	+2.7
B31A	Greenbush Farm	76.47	338	P	P	05 29 34.3	-0.2
A32A	Rocking H Ranc	76.49	338	P	P	05 29 34.6	+0.1
D28A	Regan	76.53	335	P	P	05 29 35.6	+0.7
EDW2	Edwards Air Fo	76.56	317	P	P	05 29 36.3	+1.0
SCHO	Schefferville	76.64	358	P	P	05 29 35.1	-0.2
SCHO	Schefferville	76.64	358	eP	P	05 29 35.2	0.0
F25A	Bowman	76.69	333	P	P	05 29 36.5	+0.7
MDND	Madcock	76.70	336	P	P	05 29 36.6	+0.8
MDND	Madcock	76.70	336	eP	P	05 29 36.6	+0.8
E26A	Carlson Angus	76.71	334	P	P	05 29 36.3	+0.4
B30A	Myrvik Farm, E	76.74	337	P	P	05 29 36.2	+0.3
C28A	Hausauer Farms	76.89	336	P	P	05 29 37.4	+0.6
MPMC	Manual Prospec	76.99	318	P	P	05 29 39.0	+1.1
DUG	Dugway, Tooele	77.00	324	P	P	05 29 39.0	+1.3
DUG	Dugway, Tooele	77.00	324	eP	P	05 29 39.8	+2.1
DUG	Dugway, Tooele	77.00	324	eP	pmx	05 29 39.8	+2.1
BW06	Boulder Array	77.11	327	P	P	05 29 39.2	+0.7
BW06	Boulder Array	77.11	327	eP	P	05 29 39.1	+0.7
PDAR	Pinedale Array	77.11	327	P	P	05 29 38.9	+0.5
PDAR	Pinedale Array	77.11	327	eP	pp	05 31 32.2	+0.2
E25A	Miller Ranch	77.12	333	P	P	05 29 39.3	+1.1
B29A	Wagenman Farm	77.12	337	P	P	05 29 38.4	+0.4
A30A	Hoffart Farm	77.14	337	P	P	05 29 38.5	+0.4
D26A	Manning	77.15	334	P	P	05 29 39.3	+1.0
C27A	Saylor Ranch	77.33	335	P	P	05 29 40.4	+1.3
R11A	Troy Canyon, C	77.33	321	P	P	05 29 41.3	+1.7
R11A	Troy Canyon, C	77.33	321	eP	P	05 29 41.8	+2.2
ULM	Lac du Bonnet	77.43	340	P	P	05 29 39.3	-0.3
ULM	Lac du Bonnet	77.43	340	eP	pp	05 31 33.2	-0.2
ULM	Lac du Bonnet	77.43	340	eP	pp	05 29 39.5	-0.1
ULM	Lac du Bonnet	77.43	340	eP	pp	05 31 33.5	+0.1
ULM	Lac du Bonnet	77.43	340	eP	pp	05 31 33.5	+0.1
A29A	Manning Farm	77.46	337	P	P	05 29 40.0	+0.1
B28A	Dugan Ranch, T	77.49	336	P	P	05 29 40.9	+0.9
D25A	Fairfield	77.51	334	P	P	05 29 41.6	+0.8
BGU	Big Grassy Mou	77.62	324	eP	P	05 29 42.6	+1.4
C26A	Walner Farm, P	77.65	335	P	P	05 29 41.9	+1.0
AHID	Auburn Hatcher	77.90	326	eP	P	05 29 44.0	+1.4
C25A	Fred Ranch, W	78.03	334	P	P	05 29 44.2	+1.2
HVU	Hansel Valley	78.08	325	eP	P	05 29 45.5	+1.4
HVU	Hansel Valley	78.08	325	eP	pmx	05 29 45.0	+1.4
REDV	Red Top Meadows	78.20	327	eP	P	05 29 45.7	+1.4
SNOW	Snow King Moun	78.22	327	eP	P	05 29 46.0	+1.6
A27A	Ledoux Ranch	78.23	336	P	P	05 29 45.2	+1.2
LOHW	Long Hollow	78.25	327	eP	P	05 29 45.9	+1.3
MOHW	Moose Ponds	78.42	327	eP	P	05 29 46.5	+1.0
B25A	Knox Farm, Ray	78.44	334	P	P	05 29 46.6	+1.4
MDT	Midelt	78.49	48	P	P	05 29 46.6	+0.7
A26A	Wade Farm, Ken	78.50	335	P	P	05 29 46.5	+1.0
MORF	Marmete	78.58	42	eP	P	05 29 42.3	-3.9
IMW	Indian Meadow	78.63	327	eP	P	05 29 48.0	+1.4
FLWY	Flagg Ranch	78.64	327	eP	P	05 29 48.2	+1.6
PTEO	Sao Teotonia	78.68	42	eP	P	05 29 48.4	+1.7
RLMT	Red Lodge	78.70	329	P	P	05 29 47.8	+0.9
RLMT	Red Lodge	78.70	329	eP	P	05 29 47.9	+1.0
RLMT	Elko	78.72	323	eP	pp	05 31 43.3	+2.3
ELK	Elko	78.72	323	eP	pp	05 29 48.9	+1.8
ELK	Elko	78.72	323	eP	pp	05 29 48.9	+1.8
H17A	Grant Village	78.81	328	P	P	05 29 49.4	+1.4
H17A	Grant Village	78.81	328	eP	P	05 29 49.4	+1.9
LKWY	Lake	78.84	328	eP	P	05 29 49.9	+2.2
LKWY	Lake	78.84	328	eP	P	05 29 49.9	+2.2
LKWY	Lake	78.84	328	eP	pmx	05 29 49.9	+2.2
BOSA	Bosch	78.89	116	P	P	05 29 47.5	-0.8
BOSA	Bosch	78.89	116	eP	P	05 29 47.6	-0.7
BOSA	Bosch	78.89	116	eP	P	05 29 47.6	-0.7
A25A	Svangstu Ranch	78.95	335	P	P	05 29 48.7	+0.9
YFT	Dold Faithful	78.97	328	eP	P	05 29 51.5	+3.0
PBDV	Barranco-do-Ve	78.98	42	eP	P	05 29 49.2	+0.9
NVAR	Mina Array Bea	79.00	319	P	P	05 29 50.1	+1.5
NVAR	Mina Array Bea	79.00	319	eP	pp	05 31 44.4	+1.4
DGMT	Dagmar	79.01	334	P	P	05 29 49.5	+1.3
DGMT	Dagmar	79.01	334	eP	P	05 29 49.0	+0.8
PNCL	Nicolau Polom	79.16	41	eP	P	05 29 49.9	+0.7
MESJ	Messejana	79.18	42	eP	P	05 29 49.1	+0.2
MESJ	Messejana	79.18	42	AMB	AMB	05 29 50.8	
MESJ	Messejana	79.18	42	eP	P	05 29 49.9	+0.6
MESJ	Messejana	79.18	42	eP	P	05 29 49.1	-0.2
YMR	Madison River	79.20	328	eP	P	05 29 51.7	+2.1

PVAQ	Vaqueiros	79.22	42	eP	P	05 29 50.1	+0.6
GCMT	Greycliff	79.38	329	eP	P	05 29 51.2	+0.8
PBEJ	Beja	79.51	42	eP	P	05 29 51.6	+0.5
EVO	Evora	79.74	41	eP	P	05 29 52.6	+0.3
PMTG	Montargil	79.95	41	eP	P	05 29 53.7	+0.4
PBAR	Barcelos	80.12	42	eP	P	05 29 54.6	+0.4
PTOM	Tomar	80.18	40	eP	P	05 29 55.0	+0.5
HLID	Hailley	80.19	325	P	P	05 29 56.4	+1.7
HLID	Hailley	80.19	325	eP	P	05 29 56.6	+1.9
PESTR	Estremoz	80.21	41	eP	P	05 29 55.2	+0.5
BOZ	Bozeman (W)	80.22	328	P	P	05 29 55.4	+0.6
MCMT	McKenzie Canyo	80.25	327	eP	P	05 29 57.0	+1.9
LBTB	Lobate	80.37	113	eP	P	05 29 55.6	-0.5
LBTB	Lobate	80.37	113	eP	pmx	05 29 55.6	-0.5
PCAS	Casey Conde	80.41	40	eP	P	05 29 56.1	+0.4
DLMT	Dillon	80.50	327	eP	P	05 29 57.8	+1.5
PMRV	Marv??	80.68	41	eP	P	05 29 57.5	+0.3
TAM	Tamanrasset	80.82	61	eP	P	05 29 58.8	+0.3
TAM	Tamanrasset	80.82	61	eP	pmx	05 29 58.8	+0.3
TAM	Tamanrasset	80.82	61	eP	pmx	05 29 58.8	+0.3
MFID	Camas Ranch	80.84	324	eP	P	05 29 59.8	+1.7
PCBR	Castelo Branco	80.88	40	eP	P	05 29 58.5	+0.3
PTO	Porto	81.04	39	eP	P	05 29 59.5	+0.6
EGMT	Eagleton	81.07	331	eP	P	05 29 59.1	0.0
HRM	Holler Researc	81.08	329	eP	P	05 29 60.0	+0.8
PVIS	Viseu	81.18	40	eP	P	05 30 00.0	+0.2
MTE	Manteo	81.19	40	eP	P	05 30 00.1	+0.2
PVRL	Vila Real	81.64	39	eP	P	05 30 02.6	+0.5
POLO	Lamas de Oio	81.66	39	eP	P	05 30 02.9	+0.2
PCAB	Cabril	81.73	39	eP	P	05 30 02.5	+0.2
PGAV	Gaviera, Arco	81.75	38	eP	P	05 30 03.1	+0.4
MVO	Moncorvo	81.97	40	eP	P	05 30 04.2	+0.3
MSO	Misoula	82.20	328	P	P	05 30 05.2	+0.3
MAW	Mawson	82.34	162	P	P	05 30 06.0	+0.8
MAW	Mawson	82.34	162	eP	P	05 30 06.0	+0.8
PBRG	Braganca	82.54	39	eP	P	05 30 07.3	+0.6
MKAR	Blue Mountains	82.59	325	eP	P	05 30 08.2	+1.3
PAB	San Pablo	82.62	42	eP	P	05 30 07.8	+0.6
PAB	San Pablo	82.62	42	eP	pmx	05 30 07.8	+0.6
PAB	San Pablo	82.62	42	eP	pmx	05 30 07.8	+0.6
SWMT	Swartz Lake	82.70	328	eP	P	05 30 08.4	+1.0
ESDC	Sonsecra Array	82.93	42	eP	P	05 30 09.1	+0.4
ESDC	Sonsecra Array	82.93	42	eP	pp	05 32 05.4	+1.0
ESLA	Sonsecra Array	82.93	42	eP	P	05 30 09.2	+0.5
ES19	SONSECRA Array	82.99	42	eP	pp	05 30 08.0	+0.2
ES19	SONSECRA Array	82.99	42	eP	pp	05 32 05.4	+0.7
M04C	Macdoel	83.21	320	P	P	05 30 11.0	+0.9
FFC	Flin Flon	83.22	339	eP	P	05 30 10.3	+0.6
FFC	Flin Flon	83.22	339	eP	pmx	05 30 10.3	+0.6
FFC	Flin Flon	83.22	339	eP	pmx	05 30 10.3	+0.6
F10A	Beach Ranch, E	83.29	326	eP	P	05 30 11.4	+1.0
BSMT	Bassoo Peak	83.32	328	eP	P	05 30 11.4	+0.8
J04D	Umpqua Nationa	84.25	321	P	P	05 30 15.9	+0.5
FCC	Fort Churchill	84.37	345	eP	P	05 30 15.4	+0.2
FCC	Fort Churchill	84.37	345	eP	P	05 30 15.4	+0.2
FCC	Fort Churchill	84.37	345	eP	pmx	05 30 15.4	+0.2
I05D	Terrebonne, OR	84.48	322	P	P	05 30 17.1	+0.8
NEW	Newport	84.75	327	P	P	05 30 17.8	+0.3
HAWA	Hanford	84.78	325	eP	P	05 30 19.1	+1.4
D08A	Wollman Farm	84.88	326	eP	P	05 30 19.4	+1.3
G05D	Wamuk	85.03	323	P	P	05 30 20.3	+1.4
C09A	Chrisman Ranch	85.03	327	eP	P	05 30 19.9	+1.1
LTY	Liberty	85.93	325	eP	P	05 30 24.2	+0.9
LSZ	Lusaka	86.09	105	eP	P	05 30 26.1	+1.3
LSZ	Lusaka	86.09	105	eP	pmx	05 30 26.1	+1.3
EDM	Edmonton	86.41	333	eP	P	05 30 25.2	0.0
EDM	Edmonton	86.41	333	eP	pp	05 32 23.1	+0.8
EDM	Edmonton	86.41	333	eP	pp	05 30 25.3	0.0
EDM	Edmonton	86.41	333	eP	pp	05 32 23.1	+0.8
B05A	Bryant	87.31	325	P	P	05 30 28.9	-0.7
SFJD	Kangerlussuaq	89.34	5	P	P	05 30 39.9	+0.3
KEST	Kesra	89.85	51	P	P	05 30 42.7	+0.9
YKA	Yellowknife Ar	93.40	339	P	P	05 30 57.5	+0.1
YKA	Yellowknife Ar	93.40	339	eP	pp	05 32 56.9	+1.2
YKA	Yellowknife Ar	93.40	339	eP	pp	05 48 01.4	-0.7
TUE	Stuetta	94.78	42	P	P	05 31 04.7	+0.3
BFO	Black Forest	95.02	40	iP	P	05 31 05.4	+0.2
BUON	Openpass-Fuorn	95.41	42	eP	P	05 31 07.6	+0.3
DAVA	Damuels	95.47	41	iP	P	05 31 07.7	+0.3
FETA	Feichten	95.87	41	iP	P	05 31 09.5	+0.3
RETA	Reutte	96.10	41	iP	P	05 31 09.8	-0.4
MOA	Molain	98.40	42	iP	Pdf	05 31 20.3	-0.1
GERES	GERESS Array B	98.45	11	P	Pdf	05 31 19.5	-1.1
RES	Resolute Bay	98.59	352	P	P	05 31 20.1	-0.4
DPC	Dobruska-Polom	100.61	40	eP	Pdf	05 31 31.1	+1.0
DPC	Dobruska-Polom	100.61					

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res	SKR
Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res	SKR
YUK	Yuzh-Kuril'sk	0.95	215	iP	Pn	09 04 40.9	+0.3	SKR Severo-Kuril's
YUK	1μm,0.3s			AMB	AMB	09 04 42.4		SKR
YUK	3μm,0.3s			AMB	AMB	09 04 42.4		SKR
YUK	4μm,0.5s			iS	Sn	09 04 59.0	-0.4	SKR
YUK	7μm,0.5s			A	A	09 05 04.3		SKR
YUK	Yuzh-Kuril'sk	0.95	215	iP	Pn	09 04 40.8	+0.2	HABR Khabarovsk
YUK	1μm,0.3s			iS	Sn	09 04 59.6	+0.2	HABR
YUK	3μm,0.3s			AMB	AMB	09 06 17.8		HABR
YUK	4μm,0.5s			AMB	AMB	09 06 17.8		HABR
YUK	7μm,0.5s			AMB	AMB	09 06 17.8		HABR
YUK	Yuzh-Kuril'sk	0.95	215	iP	Pn	09 04 40.8	+0.2	HABR Khabarovsk
YUK	1μm,0.3s			iS	Sn	09 04 59.6	+0.2	HABR
YUK	3μm,0.3s			AMB	AMB	09 06 17.8		HABR
YUK	4μm,0.5s			AMB	AMB	09 06 17.8		HABR
YUK	7μm,0.5s			AMB	AMB	09 06 17.8		HABR
SHO	Shikotan	0.96	171	iP	Pn	09 04 39.6	-1.1	HABR
SHO	comp-E,600nm,0.3s			AMB	AMB	09 04 40.3		HABR
SHO	comp-E,380nm,0.3s			AMB	AMB	09 04 40.3		NKL
SHO	comp-E,1μm,0.3s			AMB	AMB	09 04 40.3		NKL
SHO	comp-E,9μm,0.4s			iS	Sn	09 04 56.8	-2.7	NKL
SHO	comp-E,9μm,0.4s			A	A	09 05 00.8		NKL
SHO	Shikotan	0.96	171	iP	Pn	09 04 39.6	-1.1	NKL
SHO	1μm,0.5s			iS	Sn	09 04 56.5	-3.0	NKL
SHO	3μm,0.5s			AMB	AMB	09 06 30.4		PAU
SHO	4μm,0.5s			AMB	AMB	09 06 30.4		PAU
SHO	7μm,0.5s			AMB	AMB	09 06 30.4		PAU
SHO	Shikotan	0.96	171	iP	Pn	09 04 39.6	-1.1	PAU
SHO	1μm,0.5s			iS	Sn	09 04 56.5	-3.0	PAU
SHO	3μm,0.5s			AMB	AMB	09 06 30.4		PAU
SHO	4μm,0.5s			AMB	AMB	09 06 30.4		PAU
SHO	7μm,0.5s			AMB	AMB	09 06 30.4		PAU
KUR	Kuril'sk	0.98	65	iP	Pn	09 04 41.4	+0.6	PAU
KUR	comp-N,420nm,0.4s			AMB	AMB	09 04 41.9		PAU
KUR	comp-N,580nm,0.4s			AMB	AMB	09 04 41.9		PAU
KUR	comp-N,2μm,0.4s			AMB	AMB	09 04 41.9		PAU
KUR	comp-N,830nm,0.8s			iS	Sn	09 04 59.5	-0.3	PAU
KUR	comp-N,470nm,0.8s			A	A	09 05 01.5		PAU
KUR	comp-N,3μm,2.0s			A	A	09 05 02.3		PAU
KUR	comp-N,800nm,2.0s			A	A	09 05 02.3		PAU
KUR	Kuril'sk	0.98	65	iP	Pn	09 04 41.4	+0.6	PAU
KUR	1μm,0.5s			iS	Sn	09 04 59.5	-0.3	PAU
KUR	3μm,0.5s			AMB	AMB	09 06 30.4		PAU
KUR	4μm,0.5s			AMB	AMB	09 06 30.4		PAU
KUR	7μm,0.5s			AMB	AMB	09 06 30.4		PAU
JRA	Rausu	1.38	231	P	Pn	09 04 44.8	+0.2	MA2
JRA	comp-E,822nm,2.0s			S	Sn	09 05 06.7	+0.3	MA2
JRA	Nemuro 2	1.58	204	P	Pn	09 04 45.7	-0.9	MA2
JRA	comp-E,584nm,0.4s			S	Sn	09 05 07.6	-2.5	MA2
JRA	Nakash	1.84	228	P	Pn	09 04 49.8	+0.4	MA2
JRA	Abashiri-Toko	2.12	247	P	Pn	09 04 53.2	+0.5	MA2
JRA	comp-E,164nm,0.3s			S	Sn	09 05 22.0	+1.3	MA2
JRA	Akkeshi	2.29	218	P	Pn	09 04 54.2	-0.5	MA2
JRA	comp-E,5.1nm,0.3s			S	Sn	09 05 41.5	+2.4	MA2
JRA	Maruseppu	2.47	252	P	Pn	09 04 57.5	+0.6	MA2
JRA	Arashobuto	2.55	234	P	Pn	09 04 58.8	+0.9	MA2
JRA	comp-E,164nm,0.3s			S	Sn	09 05 22.0	+1.3	MA2
JRA	Onokta	2.77	227	P	Pn	09 05 35.3	+0.2	MA2
JRA	Horoka	2.85	243	P	Pn	09 05 02.7	+1.1	MA2
JRA	Soyaya	2.87	274	P	Pn	09 05 03.1	+1.4	MA2
JRA	comp-E,822nm,2.0s			S	Sn	09 05 38.3	+2.2	MA2
JRA	Kamakawa 2	2.93	253	P	Pn	09 05 03.8	+1.2	MA2
JRA	comp-E,164nm,0.3s			S	Sn	09 05 40.9	+2.4	MA2
JRA	Kamikawa-asahi	2.96	258	P	Pn	09 05 04.6	+1.7	MA2
JRA	Asahikawa	2.96	258	P	Pn	09 05 04.6	+1.7	MA2
JRA	comp-E,164nm,0.3s			S	Sn	09 05 41.5	+2.4	MA2
JRA	ASAJ	3.23	242	P	Pn	09 05 06.1	-0.2	MA2
JRA	comp-E,5.1nm,0.3s			S	Sn	09 05 22.0	+1.3	MA2
JRA	Churui	3.23	242	P	Pn	09 05 06.1	-0.2	MA2
JRA	comp-E,822nm,2.0s			S	Sn	09 05 38.3	+2.2	MA2
JRA	Furan	3.34	248	P	Pn	09 05 09.0	+1.2	MA2
JRA	Keihoku	3.38	280	P	Pn	09 05 10.8	+2.6	MA2
JRA	Yuzh-Sakhalins	3.44	310	iP	Pn	09 05 10.0	+1.0	MA2
JRA	comp-E,100nm,0.4s			AMB	AMB	09 05 12.0		MA2
JRA	YSS	3.44	310	iP	Pn	09 05 10.0	+1.0	MA2
JRA	comp-E,100nm,0.4s			AMB	AMB	09 05 12.0		MA2
JRA	YSS	3.44	310	iP	Pn	09 05 10.0	+1.0	MA2
JRA	comp-E,100nm,0.4s			AMB	AMB	09 05 12.0		MA2
JRA	YSS	3.44	310	iP	Pn	09 05 10.0	+1.0	MA2
JRA	comp-E,100nm,0.4s			AMB	AMB	09 05 12.0		MA2
JRA	YSS	3.44	310	iP	Pn	09 05 10.0	+1.0	MA2
JRA	comp-E,100nm,0.4s			AMB	AMB	09 05 12.0		MA2
JRA	YSS	3.44	310	iP	Pn	09 05 10.0	+1.0	MA2
JRA	comp-E,100nm,0.4s			AMB	AMB	09 05 12.0		MA2
JRA	YSS	3.44	310	iP	Pn	09 05 10.0	+1.0	MA2
JRA	comp-E,100nm,0.4s			AMB	AMB	09 05 12.0		MA2
JRA	YSS	3.44	310	iP	Pn	09 05 10.0	+1.0	MA2
JRA	comp-E,100nm,0.4s			AMB	AMB	09 05 12.0		MA2
JRA	YSS	3.44	310	iP	Pn	09 05 10.0	+1.0	MA2
JRA	comp-E,100nm,0.4s			AMB	AMB	09 05 12.0		MA2
JRA	YSS	3.44	310	iP	Pn	09 05 10.0	+1.0	MA2
JRA	comp-E,100nm,0.4s			AMB	AMB	09 05 12.0		MA2
JRA	YSS	3.44	310	iP	Pn	09 05 10.0	+1.0	MA2
JRA	comp-E,100nm,0.4s			AMB	AMB	09 05 12.0		MA2
JRA	YSS	3.44	310	iP	Pn	09 05 10.0	+1.0	MA2
JRA	comp-E,100nm,0.4s			AMB	AMB	09 05 12.0		MA2
JRA	YSS	3.44	310	iP	Pn	09 05 10.0	+1.0	MA2
JRA	comp-E,100nm,0.4s			AMB	AMB	09 05 12.0		MA2
JRA	YSS	3.44	310	iP	Pn	09 05 10.0	+1.0	MA2
JRA	comp-E,100nm,0.4s			AMB	AMB	09 05 12.0		MA2
JRA	YSS	3.44	310	iP	Pn	09 05 10.0	+1.0	MA2
JRA	comp-E,100nm,0.4s			AMB	AMB	09 05 12.0		MA2
JRA	YSS	3.44	310	iP	Pn	09 05 10.0	+1.0	MA2
JRA	comp-E,100nm,0.4s			AMB	AMB	09 05 12.0		MA2
JRA	YSS	3.44	310	iP	Pn	09 05 10.0	+1.0	MA2
JRA	comp-E,100nm,0.4s			AMB	AMB	09 05 12.0		MA2
JRA	YSS	3.44	310	iP	Pn	09 05 10.0	+1.0	MA2
JRA	comp-E,100nm,0.4s			AMB	AMB	09 05 12.0		MA2
JRA	YSS	3.44	310	iP	Pn	09 05 10.0	+1.0	MA2
JRA	comp-E,100nm,0.4s			AMB	AMB	09 05 12.0		MA2
JRA	YSS	3.44	310	iP	Pn	09 05 10.0	+1.0	MA2
JRA	comp-E,100nm,0.4s			AMB	AMB	09 05 12.0		MA2
JRA	YSS	3.44	310	iP	Pn	09 05 10.0	+1.0	MA2
JRA	comp-E,100nm,0.4s			AMB	AMB	09 05 12.0		MA2
JRA	YSS	3.44	310	iP	Pn	09 05 10.0	+1.0	MA2
JRA	comp-E,100nm,0.4s			AMB	AMB	09 05 12.0		MA2
JRA	YSS	3.44	310	iP	Pn	09 05 10.0	+1.0	MA2
JRA	comp-E,100nm,0.4s			AMB	AMB	09 05 12.0		MA2
JRA	YSS	3.44	310	iP	Pn	09 05 10.0	+1.0	MA2
JRA	comp-E,100nm,0.4s			AMB	AMB	09 05 12.0		MA2
JRA	YSS	3.44	310	iP	Pn	09 05 10.0	+1.0	MA2
JRA	comp-E,100nm,0.4s			AMB	AMB	09 05 12.0		MA2
JRA	YSS	3.44	310	iP	Pn	09 05 10.0	+1.0	MA2
JRA	comp-E,100nm,0.4s			AMB	AMB	09 05 12.0		MA2
JRA	YSS	3.44	310	iP	Pn	09 05 10.0	+1.0	MA2
JRA	comp-E,100nm,0.4s			AMB	AMB	09 05 12.0		MA2
JRA	YSS	3.44	310	iP	Pn	09 05 10.0	+1.0	MA2
JRA	comp-E,100nm,0.4s			AMB	AMB	09 05 12.0		MA2
JRA	YSS	3.44	310	iP	Pn	09 05 10.0	+1.0	MA2
JRA	comp-E,100nm,0.4s			AMB	AMB	09 05 12.0		MA2
JRA	YSS	3.44	310	iP	Pn	09 05 10.0	+1.0	MA2
JRA	comp-E,100nm,0.4s			AMB	AMB	09 05 12.0		MA2
JRA	YSS	3.44	310	iP	Pn	09 05 10.0	+1.0	MA2
JRA	comp-E,100nm,0.4s			AMB	AMB	09 05 12.0		MA2
JRA	YSS	3.44	310	iP	Pn	09 05 10.0	+1.0	MA2
JRA	comp-E,100nm,0.4s			AMB	AMB	09 05 12.0		MA2
JRA	YSS	3.44	310	iP	Pn	09 05 10.0	+1.0	MA2
JRA	comp-E,100nm,0.4s			AMB	AMB	09 05 12.0		MA2
JRA	YSS	3.44	310	iP	Pn	09 05 10.0	+1.0	MA2
JRA	comp-E,100nm,0.4s			AMB	AMB	09 05 12.0		MA2
JRA	YSS	3.44	310	iP	Pn	09 05 10.0	+1	

1d 9h

Table with columns: Call Sign, Name, Comp, Az, El, Pol, SNR, and other parameters. Includes stations like CHTO Chiang Mai, CM31 Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

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Table with columns: Call Sign, Name, Comp, Az, El, Pol, SNR, and other parameters. Includes stations like J04D Umpqua National, J05D Fort Rock, OR, YBH Yreka Blue Hor, etc.

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Table with columns: Call Sign, Name, Comp, Az, El, Pol, SNR, and other parameters. Includes stations like ASAR comp=Z,0.7nm,0.6s, MPMC Manual Prospec, DUG Dugway, Tooele, etc.

Table with columns: ISCO, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Idaho Springs, Webster, Mesa Verde, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Otter Creek Ra, Longview Farm, Teagarden Farm, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Horoka, Nemuro 2, Furan, etc.

IDC 01 09:20:42.7:808.0,55:23N,2:37E,h0km, Error ellipse: s-maj=456.1km s-min=169.8km az=132.0, North Sea

NIED 01 09:21:00, 42:60N, 144:20E, h47km, Mw3.7. Best double couple: M3, 39000x1014, NP1, az=210.00000, 359.00000, 1-148.00000, NP2, az=308.00000, 376.00000, 1-148.00000

CSEM 01 09:25:30.1, 28:21N, 59:10E, h10km, ML3.5 TEH 01 09:25:30.1, 28:21N, 59:10E, h10km, ML3.5, Southern

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like TVBK, TVK, KHGB, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like CAPV Capacho, OCAC Ocana, NORC Norcasia, CHIC Chingaza, ROSC El Rosal, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like STKA Stephens Creek, CMAR Chiang Mai Arr, MJAR Matsushiro Arr, etc.

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

IDC 01 11:14:54.9:0.6,22:68N:144:64E,h0km,mb4.0/15, mb1.4/2.17,mb1.0x3.5/37,mbtmp3.8/7, Error ellipse: s-maj=23.8km s-min=14.7km az=79.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like CBJJ Chichijima, CJJ Chichijima, MJAR Matsushiro Arr, etc.

ISCJB 01 10:54:22.9:0.7,3:93S:0:06x141:32E:0:09,h33km, mb3.7/4, Error ellipse: s-maj=13.6km s-min=7.0km az=149.8

IDC 01 10:54:26.1:3.3:89S:141:21E,h64km,12km,mb3.4/5, mb1.3/7.7,mb1mx3.5/37,mbtmp3.8/7, Error ellipse: s-maj=18.3km s-min=10.6km az=75.0

ISC 01 10:54:25.0:2.3:95S:0:09x141:1E:0:1,h35km,n10, s=134Z,mb3.8/4, New Guinea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like JAY Jayapura, PMG Port Moresby, SJJ Sorong, etc.

ISCJB 01 11:03:54.1:1.7,23:8S:0:6x179:9W:0:2,h532km,mb3.8/7, Error ellipse: s-maj=22.2km s-min=16.3km az=163.7

IDC 01 11:03:54.9:0.2,22:71S:179:98W,h539km,30km,mb3.3/7, mb1.3/8.8,mb1mx3.2/34,mbtmp4.2/8, Error ellipse: s-maj=44.1km s-min=19.8km az=158.0

ISC 01 11:03:54.9:1.1,23:8S:0:3x179:9W:0:2,h532km,n11, s=085Z,12,mb3.8/7, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like DZM Mont Dzumac, CTA Carter Tower, ASAR Alice Springs, etc.

ISCJB 01 11:17:48.2:0.12,11N:43:96E,h4km,19km,ML3.5, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like ADEN Aden, UDYN Al'Udayn, BDHA Al Bayda', etc.

DHMR 01 10:54:46.8:1.4,12:06N:43:89E,h12km,14km,ML3.7, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like ADEN Aden, UDYN Al'Udayn, BDHA Al Bayda', etc.

ISCJB 01 11:06:13.1:0.7,48:86N:0:08x155:0E:0:1,h100km, mb3.2/6, Error ellipse: s-maj=14.6km s-min=6.0km az=42.6

SKHL 01 11:06:13.2:4.1,48:69N:155:02E,h113km,4km,mb4.0/2, msh5.1/7

MOS 01 11:06:15.5:1.1,48:96N:155:13E,h127km,mb4.2/1, Error ellipse: s-maj=76.5km s-min=9.5km az=71.0

KRSC 01 11:06:16.5:2.0,48:78N:156:21E,h98km,42km,ML4.2 IDC 01 11:06:16.6:3.5,48:54N:137:78E,h139km,37km,mb3.0/6, mb1.3/3.7,mb1mx3.1/46,mbtmp3.4/7, Error ellipse: s-maj=33.2km s-min=20.4km az=135.0

ISC 01 11:06:14.1:1.0,48:81N:0:10x155:1E:0:1,h100km,n32, s=172Z,mb3.3/6,1C,Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like SKR Severo-Kuril's, PAU Pauzhetka, PAU Puzhetka, etc.

ISCJB 01 11:17:49.9:1.0,22:67N:144:66E,h0km,mb3.6/12, mb1.3/8.13,mb1mx3.7/58,mbtmp3.6/13,ML3.7/1, Error ellipse: s-maj=21.2km s-min=18.7km az=83.0

ISCJB 01 11:17:53.0:0.9,22:72N:0:1:144:6E:0:2,h33km,mb3.7/11, Error ellipse: s-maj=28.6km s-min=14.4km az=170.4

ISC 01 11:17:54.9:1.1,22:72N:0:1:144:6E:0:2,h33km,n13, s=086Z,13,mb3.6/11, Volcano Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like MJAR Matsushiro Arr, KSRS Korea Array, USRS Ussuriysk Arr, etc.

ISCJB 01 11:21:28.7:0.3,32:85N:0:02x115:99W:0:02,h12km,3km, Error ellipse: s-maj=3.6km s-min=3.2km az=165.6

ECX 01 11:21:29.5:0.7,32:85N:116:00W,h4km,ML2.5 ISC 01 11:21:29.5:0.8,32:87N:116:00W,0:02,h16km,gkm, n32, s=060Z,4,10C-SD, California-Baja California border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like SWSC Sam W. Stewart, CBKC Canebrake, IBP Imperial Bould, etc.

ISCJB 01 11:06:59.1:2.3,4:72S:130:22E,h0km,mb3.6/2, mb1.3/8.4,mb1mx3.5/45,mbtmp3.6/4,ML3.7/2, Error ellipse: s-maj=166.2km s-min=28.7km az=71.0, Banda

1d 12h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ARAO ARCESS Array S, ARAO ARCESS Array B, ARCES ARCESS Array B, etc.

DDA 01 11:48:06.3, 37.65N, 34.73E, h7km, MD3.0
CSEM 01 11:48:07.1, 37.65N, 34.69E, h5km, MD3.0, Error ellipse: s-maj=8.4km s-min=6.8km az=59.0

ISK 01 11:48:07.3, 37.70N, 34.71E, h4km, MD2.5
ISC 01 11:48:06.9, 37.75N, 34.70E, h7km, 13km, n116, c0888/26, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like GULE Gulek, KERG Konya-Eregli, AKO Adana, etc.

CSEM 01 12:03:11.3, 38.0, 37.59N, 38.42E, h10km, MD2.5, Error ellipse: s-maj=38.0km s-min=15.4km az=57.0

ISK 01 12:03:15.2, 37.88N, 38.38E, h5km, MD2.5, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MALT Malatya, URFA Urfa, DARE Darende-Malatya, etc.

CSEM 01 12:05:10.7, 40.49N, 29.90E, h10km, MD2.4, Error ellipse: s-maj=12.4km s-min=7.0km az=98.0

DDA 01 12:16:56.4, 40.54N, 35.01E, h7km, MD2.7
ISC 01 12:16:56.4, 40.54N, 35.01E, h7km, MD2.7

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CAVI Cavuskoj, SPNC Sapanca-Adapaz, GULT Gulveren, etc.

ISK 01 12:16:54.5, 40.48N, 35.15E, h4km, MD2.4
CSEM 01 12:16:55.7, 40.51N, 35.11E, h8km, MD2.7, Error ellipse: s-maj=12.4km s-min=7.0km az=98.0

DDA 01 12:16:56.4, 40.54N, 35.01E, h7km, MD2.7
ISC 01 12:16:56.4, 40.54N, 35.01E, h7km, MD2.7

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like COAL Corum-Alaca, CORM Corum, YOZ Yozgat, BOYT Boyabat, etc.

ISCJB 01 12:27:40.4, 0.5, 20.65N, 0.07, 121.06E, h10, h29km,

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mb3.9/16, MS3.3/4, Error ellipse: s-maj=12.8km
s-min=10.3km az=0.3
IDC 01 12:27:44.2, 3.3, 20.67N, 121.09E, h45km, 34km, mb3.7/17, mb1.3/8.19, mb1mx3.6/60, mbtmp3.9/19, ML3.5/2, MS3.3/5, Ms1.3.3/5, ms1mx2.8/59, Error ellipse: s-maj=19.5km s-min=12.6km az=70.0

ISC 01 12:27:42.3, 0.7, 20.77N, 121.06E, h1, h29km, n28, c073/19, mb3.9/16, MS3.3/4, Philippine Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like JOW Kunigami, KRSR Korea Array, CMAR Chiang Mai Arr, etc.

IDC 01 12:32:03.1, 1.8, 20.77N, 121.26E, h0km, mb3.5/6, mb1.3/7.6, mb1mx3.4/50, mbtmp3.5/6, Error ellipse: s-maj=144.2km s-min=20.1km az=64.0, Philippine Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SONM Songoing Array, MKAR Makanchi Array, WRA Warrunganga Arr, etc.

IDC 01 12:34:03.0, 2.7, 24.40N, 122.51E, h0km, mb3.5/3, mb1.3/7.3, mb1mx3.3/47, mbtmp3.5/3, Error ellipse: s-maj=452.2km s-min=28.2km az=70.0, Taiwan region

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

GUC 01 12:34:44.8, 0.4, 36.96S, 73.56W, h17km, 3km, ML3.9, 1D, Near coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CCSP San Pedro de C, COCH Cobquecura, CCHI Chillan, etc.

TAP 01 12:34:51.2, 24.23N, 121.79E, h16km, ML2.1, C, C, Taiwan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ENA Nanau, TWD Chiawan, TWC Tzuchang, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ESL Tachien, TWT Tachien, TWT Tachien, NSK Sangauang, WDT Danda, etc.

DHMR 01 12:37:42.1, 1.4, 12.17N, 44.18E, h14km, 14km, ML4.0, 2C, Western Arabian Peninsula

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

IDC 01 12:51:33.1, 5.6, 48.39N, 154.14E, h141km, 40km, mb2.9/4, mb1.3/1.7, mb1mx3.0/66, mbtmp3.5/7, Error ellipse: s-maj=136.4km s-min=16.9km az=142.0, Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PETK Petropavlovsk, ASAJ Asahikawa, USRK Ussuriysk Arr, etc.

MAN 01 12:52:37.8, 8.93N, 124.12E, h1km, mb3.8, ML2.6, MS2.2, 1C, Mindanao

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CGP Cagayan de Oro, PAGZ Pagadian, PAGZ Pagadian, etc.

ISK 01 12:53:28.7, 40.99N, 31.63E, h6km, MD3.0
ISCJB 01 12:53:31.0, 0.9, 40.93N, 0.06, 31.56E, 0.04, h12km, 5km, Error ellipse: s-maj=10.2km s-min=5.0km az=5.8

CSEM 01 12:53:31.0, 0.9, 40.86N, 0.11, 31.55E, h10km, MD2.7, Error ellipse: s-maj=9.0km s-min=4.6km az=5.0

DDA 01 12:53:32.1, 40.81N, 31.55E, h7km, MD2.7
ISC 01 12:53:32.1, 40.81N, 31.55E, h7km, MD2.7

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

OBM 01 12:53:49.0, 0.1, 51.04N, 107.87E, h5km, M1.5, 1/5, Error ellipse: s-maj=1.6km s-min=0.8km az=19.0

ISCJB 01 12:53:51.0, 0.1, 50.93N, 0.02, 107.97E, 0.03, h17km, mb4.6/99, MS4.0/28, Error ellipse: s-maj=2.4km s-min=2.2km az=168.0

BYKL 01 12:53:51.0, 0.2, 50.98N, 107.85E, Mw4.7/10(IEC), FELT I=VI MSK at Mukhorshibir, Harashibir, Okino-Klyuchii and V-VI at Novaya Zagan, Novosretenka and V at Bar,

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KBZ, KIV, KXIV, KXV, FIA1, FIA0, FIAO, FIAF, FINE, FINEB, FINEC, FINEF, FINEG, FINEH, FINEI, FINEJ, FINEK, FINEL, FINEM, FINEO, FINEP, FINEQ, FINER, FINEU, FINEV, FINEW, FINEY, FINEZ, ANN, ANN2, ANN3, ANN4, ANN5, ANN6, ANN7, ANN8, ANN9, ANN10, ANN11, ANN12, ANN13, ANN14, ANN15, ANN16, ANN17, ANN18, ANN19, ANN20, ANN21, ANN22, ANN23, ANN24, ANN25, ANN26, ANN27, ANN28, ANN29, ANN30, ANN31, ANN32, ANN33, ANN34, ANN35, ANN36, ANN37, ANN38, ANN39, ANN40, ANN41, ANN42, ANN43, ANN44, ANN45, ANN46, ANN47, ANN48, ANN49, ANN50, ANN51, ANN52, ANN53, ANN54, ANN55, ANN56, ANN57, ANN58, ANN59, ANN60, ANN61, ANN62, ANN63, ANN64, ANN65, ANN66, ANN67, ANN68, ANN69, ANN70, ANN71, ANN72, ANN73, ANN74, ANN75, ANN76, ANN77, ANN78, ANN79, ANN80, ANN81, ANN82, ANN83, ANN84, ANN85, ANN86, ANN87, ANN88, ANN89, ANN90, ANN91, ANN92, ANN93, ANN94, ANN95, ANN96, ANN97, ANN98, ANN99, ANN100.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like WRAB, WRAB2, WRAB3, WRAB4, WRAB5, WRAB6, WRAB7, WRAB8, WRAB9, WRAB10, WRAB11, WRAB12, WRAB13, WRAB14, WRAB15, WRAB16, WRAB17, WRAB18, WRAB19, WRAB20, WRAB21, WRAB22, WRAB23, WRAB24, WRAB25, WRAB26, WRAB27, WRAB28, WRAB29, WRAB30, WRAB31, WRAB32, WRAB33, WRAB34, WRAB35, WRAB36, WRAB37, WRAB38, WRAB39, WRAB40, WRAB41, WRAB42, WRAB43, WRAB44, WRAB45, WRAB46, WRAB47, WRAB48, WRAB49, WRAB50, WRAB51, WRAB52, WRAB53, WRAB54, WRAB55, WRAB56, WRAB57, WRAB58, WRAB59, WRAB60, WRAB61, WRAB62, WRAB63, WRAB64, WRAB65, WRAB66, WRAB67, WRAB68, WRAB69, WRAB70, WRAB71, WRAB72, WRAB73, WRAB74, WRAB75, WRAB76, WRAB77, WRAB78, WRAB79, WRAB80, WRAB81, WRAB82, WRAB83, WRAB84, WRAB85, WRAB86, WRAB87, WRAB88, WRAB89, WRAB90, WRAB91, WRAB92, WRAB93, WRAB94, WRAB95, WRAB96, WRAB97, WRAB98, WRAB99, WRAB100.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like R11A, EROS, ECSD, PHWY, P18A, TMUT, N23A, O20A, Q20A, Q16A, SRU, SRU2, SRU3, ISCO, ISCO2, ISCO3, ISCO4, ISCO5, ISCO6, ISCO7, ISCO8, ISCO9, ISCO10, ISCO11, ISCO12, ISCO13, ISCO14, ISCO15, ISCO16, ISCO17, ISCO18, ISCO19, ISCO20, ISCO21, ISCO22, ISCO23, ISCO24, ISCO25, ISCO26, ISCO27, ISCO28, ISCO29, ISCO30, ISCO31, ISCO32, ISCO33, ISCO34, ISCO35, ISCO36, ISCO37, ISCO38, ISCO39, ISCO40, ISCO41, ISCO42, ISCO43, ISCO44, ISCO45, ISCO46, ISCO47, ISCO48, ISCO49, ISCO50, ISCO51, ISCO52, ISCO53, ISCO54, ISCO55, ISCO56, ISCO57, ISCO58, ISCO59, ISCO60, ISCO61, ISCO62, ISCO63, ISCO64, ISCO65, ISCO66, ISCO67, ISCO68, ISCO69, ISCO70, ISCO71, ISCO72, ISCO73, ISCO74, ISCO75, ISCO76, ISCO77, ISCO78, ISCO79, ISCO80, ISCO81, ISCO82, ISCO83, ISCO84, ISCO85, ISCO86, ISCO87, ISCO88, ISCO89, ISCO90, ISCO91, ISCO92, ISCO93, ISCO94, ISCO95, ISCO96, ISCO97, ISCO98, ISCO99, ISCO100.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Tarama, Alishan, ALS, CHNS, etc.

MAN 01 13:22:49, 10.76N, 122.55E, h20km, mb4.0, ML2.9, MS2.6, IC-10, Panay

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, and other technical details. Includes stations like Jordan, Roxas, Lapu-Lapu, etc.

ISCJCB 01 13:26:01.7, 0.4, 10.66S, 0.06:76.10W, 0.06, h100km, mb4.6/34, Error ellipse: s-maj=9.7km s-min=7.6km az=144.3

NEIC 01 13:26:05.3, 0.6, 10.69S, 76.29W, h112km, 6km, mb4.7/24, Error ellipse: s-maj=9.9km s-min=6.3km az=52.0

NEIC Felt [I] at Lima. Also felt at Barranca. IDC 01 13:26:06.7, 1.6, 10.60S, 76.26W, h124km, 13km, mb4.0/0.12, m1 4.2/17, mb1mx0.044, mbtmp4.5/17, Error ellipse: s-maj=22.0km s-min=10.6km az=52.0

ISC 01 13:26:04.0, 0.5, 10.71S, 0.06:76.44W, 0.10, h100km, n305, r089/306, mb4.7/34, IC, Central Peru

Main table of station data with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, and other technical details. Lists numerous stations across the region.

Main table of station data (continued) with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Clayton, Marietta, W38A, etc.

Main table of station data (continued) with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Dighton, Manter, Lee Faris, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like G28A Parade, K22A Casper, C37A Embarrass, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ULDT Uludag, PMG Port Moresby, WRA Warramunga Arr, etc.

Table with columns: NAYO Nakonayok, TSI Tuntung, KULM Kulim, etc. Includes stations like NAYO Nakonayok, TSI Tuntung, KULM Kulim, etc.

CSEM 01 13:33:56.6, 39°68'N, 29°47'E, h7km, MD2.6, Suspected Mining explosion.

DDA 01 13:33:56.6, 39°68'N, 29°47'E, h7km, Md2.6, Suspected Mining explosion, Turkey

1d 13h

SNY	comp=Z,13nm,1.9s	40.47	35	UP	P	13 47 23.5	-0.4
SNY	Shenyang				S	13 53 32.5	+1.3
SNY	comp=Z,43nm,2.5s				Pmax		
SNY	comp=Z,710nm,5.0s				Pmax		
SNY	comp=Z,2um,13.3s				LR		
SNY	comp=Z,2um,13.9s				LR		
SNY	comp=Z,3um,15.8s				LR		
KS15	Wonju Array Si	40.48	43	eP	P	13 47 25.6	+1.6
KSAR	Wonju Array Be	40.48	43	P	P	13 47 23.3	-0.8
KSAR	Wonju Array Be	40.48	43	P	P	13 47 23.3	-0.8
KS01	Wonju Array Si	40.50	43	eP	P	13 47 22.5	-1.8
KSRS	Korea Array	40.51	43	P	P	13 47 23.3	-1.1
KSRS	comp=Z,22nm,1.0s,baz=232,slow=9.5,SNR=39				LR	14 06 24.2	
JNU	Nakatsue	40.55	51	P	P	13 47 24.1	-0.8
JNU	comp=Z,15nm,0.9s,baz=146,slow=2.7,SNR=7.0				P		
MOY	Mondy	41.33	7	eP	P	13 47 30.7	-0.4
TLY	Talaya	41.70	9	P	P	13 47 35.0	+1.0
TLY	comp=Z,3.7nm,0.8s,baz=199,slow=7.7,SNR=7.2				P	13 47 35.1	+1.2
TLY	SNR=2	41.70	9	P	P	13 47 34.3	+0.4
TLY	comp=Z,1um,20.0s				LR		
TLY	Talaya	41.70	9c	iP	S	13 47 33.5	-0.4
TLY	comp=Z,1um,20.0s				Pmax	13 53 44.1	-5.2
TLY	comp=Z,37nm,1.8s				MLR		
OTUK	Ortayu	41.70	338	P	P	13 47 33.5	-0.5
OTUK	comp=Z,1um,20.0s				Pmax		
KURK	comp=Z,107nm,1.4s	41.95	345	P	P	13 47 35.2	-0.7
KURK	Kurchatov	41.95	345	P	P	13 47 35.9	-0.1
KURK	comp=Z,321nm,1.3s,SNR=11				P	13 47 35.0	-1.0
KURK	SNR=43	41.95	345	eP	P	13 47 35.3	-0.7
KURK	comp=Z,208nm,1.6s				LR		
KURK	Kurchatov	41.95	345	P	P	13 47 35.3	-0.7
KURK	comp=Z,6um,21.0s				Pmax		
GEYT	Alibeck	42.14	316	P	P	13 47 39.8	+2.0
GEYT	comp=Z,82nm,0.8s,baz=140,slow=9.4,SNR=91				LR	14 06 22.0	
FITZ	Fitzroy Crossi	42.27	132	P	P	13 47 37.7	-1.3
FITZ	comp=Z,2um,21.7s,baz=120,slow=38				P	13 47 37.7	-1.3
FITZ	comp=Z,10nm,1.0s,baz=340,slow=7.1,SNR=11				P	13 49 32.6	-0.1
FITZ	comp=Z,11nm,1.0s,baz=293,slow=3.2,SNR=5.5				P	13 47 37.3	-1.7
FITZ	comp=Z,31nm,1.1s				P	13 49 32.6	-0.1
IRK	irkutsk	42.34	9	eP	P	13 47 39.3	+0.1
IRK	comp=Z,69nm,2.3s				P	13 49 21.3	+7.9
IRK	comp=Z,69nm,2.3s				Pmax		
CN2	Changchun	42.80	34	eP	P	13 47 42.6	-0.4
CN2	comp=Z,30nm,1.2s				P	13 47 43.5	-1.0
CN2	comp=Z,200nm,5.0s				Pmax		
CN2	comp=Z,2um,14.0s				LR		
CN2	comp=Z,2um,14.0s				LR		
ZAAO	Zalesovo Array	43.85	352	eP	P	13 47 50.9	-0.4
ZALV	Zalesovo Beam	43.85	352	eP	P	13 47 51.4	+0.1
ZALV	comp=Z,18nm,0.8s,baz=176,slow=8.7,SNR=76				LR	14 09 09.9	
HIA	Hailar	44.07	24	eP	P	13 47 52.9	-0.3
HIA	comp=Z,700nm,19.3s,baz=198,slow=40				LR		
HIA	comp=Z,60nm,1.3s				LR		
HIA	comp=Z,1um,21.0s				LR		
HIA	Hailar	44.07	24	eP	P	13 47 52.9	-0.3
HIA	comp=Z,60nm,1.3s				Pmax		
HIA	comp=Z,1um,21.0s				MLR		
CIT	Chita	44.24	17	eP	P	13 47 54.5	-0.1
CIT	comp=Z,1um,21.0s				P	13 48 01.4	-1.3
NVS	Novosibirsk	44.94	351	eP	S	13 47 58.7	-1.3
NVS	comp=Z,143nm,2.2s				Pmax	13 54 32.5	-4.2
NVS	comp=N,103nm,2.1s				Pmax		
NVS	comp=E,41nm,2.1s				Pmax		
NVS	comp=N,115nm,3.3s				Smax		
KRAR	Krasnoyarsk	45.30	359j	eP	P	13 48 03.9	+1.0
KRAR	comp=Z,132nm,1.8s				Pmax		
MDJ	Mudanjiang	45.63	36	P	P	13 48 05.9	+0.2
MDJ	comp=Z,23nm,1.3s				P	13 48 12.1	-1.1
MDJ	comp=Z,2um,13.8s				PP	13 49 52.5	-0.2
MDJ	comp=Z,2um,13.8s				S	13 54 48.7	+1.7
MDJ	comp=Z,2um,13.8s				S	13 54 58.8	-0.6
MDJ	comp=Z,2um,13.8s				ScS	13 58 01.2	+0.7
MDJ	comp=Z,5.0nm,1.1s				Pmax		
MDJ	comp=Z,230nm,6.0s				Pmax		
MDJ	comp=Z,1um,13.8s				LR		
MDJ	comp=Z,1um,16.3s				LR		
MDJ	comp=Z,1um,16.3s				LR		
MDJ	Mudanjiang	45.63	36	PFAKE	LR	13 48 20.0	+1.4
BVAO	Borovoye Array	46.39	340	iP	P	13 48 10.6	-0.9
BVAO	comp=Z,48nm,1.3s				Pmax		
BVAR	Borovoye Array	46.39	340	P	P	13 48 11.1	-0.5
BVAR	comp=Z,6.5nm,0.9s,baz=145,slow=8.2,SNR=29				P	13 49 47.6	+1.4
BRVK	Borovoye	46.45	340	P	P	13 48 11.4	-0.6
BRVK	comp=Z,4.4nm,0.8s,baz=163,slow=5.6,SNR=3.2				P	13 48 11.4	-0.6
BRVK	comp=Z,180nm,1.3s,SNR=7.7				P	13 48 12.2	+0.1
BRVK	Borovoye	46.45	340	eP	P	13 48 11.0	-1.1
BRVK	comp=Z,64nm,1.3s				LR		
BRVK	comp=Z,1um,20.0s				LR		
BRVK	Borovoye	46.45	340j	eP	P	13 48 11.1	-0.9
BRVK	comp=Z,23nm,1.3s				Pmax		
USRK	Ussuriysk Ar	46.79	37	P	P	13 48 14.6	-0.2
USRK	comp=Z,8.4nm,0.9s,baz=245,slow=5.0,SNR=10				LR	14 10 16.9	
CHKZ	Chkalovo	46.87	341	P	P	13 48 14.4	-0.8
CHKZ	comp=Z,834nm,18.4s,baz=232,slow=39				Pmax		
MAJO	Matsushiro	47.44	50	eP	P	13 48 23.2	+3.2
MAJO	comp=Z,97nm,1.9s				LR		
MAJO	comp=Z,826nm,19.0s				LR		
MAJO	Matsushiro	47.44	50	eP	P	13 48 23.2	+3.1
MAJO	comp=Z,97nm,1.9s				Pmax		
MAJO	comp=Z,826nm,19.0s				MLR		
MAT	Matsushiro	47.44	50	P	P	13 48 20.3	+0.2

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MAT	Matsushiro Arr	47.44	50	S	S	13 55 14.2	+1.0
MJAR	comp=Z,3.5nm,0.9s,baz=243,slow=8.1,SNR=7.5				P	13 48 20.7	+0.7
MJAR	comp=Z,8.1nm,0.9s,baz=243,slow=8.1,SNR=7.5				P	13 49 50.8	+0.5
JHJ	Hachijo jima 2	47.53	55	LR	LR	14 09 45.1	
AB31	Akbulak array	47.81	330	iP	P	13 48 22.2	-0.5
AB31	comp=Z,85nm,1.4s				Pmax		
ABKAR	Akbulak array	47.81	330	eP	P	13 48 22.3	-0.4
RAYN	Ar Rayn	47.92	292	P	P	13 48 25.5	+1.4
RAYN	comp=Z,419nm,1.1s,SNR=11				P	13 48 25.0	+0.9
RAYN	comp=Z,100nm,1.1s				LR		
JCJ	Chichijima	48.11	63	LR	LR	14 09 51.3	
JCJ	comp=Z,377nm,19.5s,baz=228,slow=38				LR		
DAMY	Dhamar	48.54	280	eP	P	13 48 31.7	+2.5
DAMY	comp=Z,174nm,1.2s				P	13 48 26.3	-2.8
NWAO	Narrogin (SRO)	48.62	154	P	P	13 48 26.3	-2.8
NWAO	comp=Z,2um,20.0s				LR		
NWAO	Narrogin (SRO)	48.62	154	P	P	13 48 26.3	-2.8
NWAO	comp=Z,176nm,1.9s				Pmax		
NWAO	comp=Z,2um,20.0s				MLR		
RER	Riviere de l'E	49.11	230	eP	P	13 48 36.2	+3.0
RER	comp=Z,265nm,1.1s				P	13 48 35.8	-0.1
AKTO	Aktyubinsk	49.52	330	P	P	13 48 35.3	-0.6
AKTO	comp=Z,5.5nm,0.8s,baz=132,slow=7.6,SNR=14				P	13 48 34.2	-1.6
AKTO	Aktyubinsk	49.52	330	P	P	13 48 34.2	-1.6
AKTO	comp=Z,51nm,1.6s				Pmax		
BOD	Bodaibo	49.53	14	eP	P	13 48 38.5	-1.1
BOD	comp=Z,28nm,1.5s				P	13 49 58.5	-1.1
WRA	Warramunga Arr	49.96	127	P	P	13 48 38.5	-1.1
WRA	comp=Z,19nm,0.8s,baz=303,slow=8.6,SNR=5.1				P	13 49 58.5	-1.1
WRA	comp=Z,3.8nm,0.8s,baz=319,slow=4.0,SNR=2.4				P	14 12 46.9	
WRAB	Tennant Creek	49.96	127	eP	P	13 48 38.9	-0.7
WRAB	comp=Z,244nm,0.6s,SNR=16				P	13 48 38.0	-1.6
WRAB	Tennant Creek	49.96	127	eP	P	13 48 38.2	-1.4
WRAB	comp=Z,140nm,1.7s				LR		
WRAB	comp=Z,1um,19.0s				LR		
WRAB	Tennant Creek	49.96	127j	eP	P	13 48 38.3	-1.4
WRAB	comp=Z,65nm,1.0s				Pmax		
WB2	Warramunga Arr	49.97	127	eP	P	13 48 53.4	-0.8
WB2	comp=Z,129nm,1.6s				P	13 48 57.7	+0.6
HABR	Khabarovsk	50.93	34c	eP	P	13 48 57.7	+0.6
HABR	comp=Z,10nm,1.0s,baz=340,slow=7.1,SNR=11				P	13 50 00.0	
HABR	comp=Z,10nm,1.0s,baz=340,slow=7.1,SNR=11				P	13 50 00.0	
HABR	comp=Z,10nm,1.0s,baz=340,slow=7.1,SNR=11				P	13 51 38.1	
HABR	comp=Z,10nm,1.0s,baz=340,slow=7.1,SNR=11				P	13 55 57.9	-3.9
HABR	comp=Z,10nm,1.0s,baz=340,slow=7.1,SNR=11				P	13 56 14.9	+0.6
HABR	comp=Z,10nm,1.0s,baz=340,slow=7.1,SNR=11				P	13 58 31.9	
HABR	comp=Z,10nm,1.0s,baz=340,slow=7.1,SNR=11				P	13 59 34.3	-2.5
HABR	comp=Z,10nm,1.0s,baz=340,slow=7.1,SNR=11				P	14 01 06.4	
HABR	comp=N,17nm,2.0s				Pmax		
HABR	comp=Z,68nm,2.0s				Pmax		
HABR	comp=E,27nm,2.0s				MLR		
HABR	comp=Z,1um,16.0s				MLR		
ASAR	Alice Springs	51.77	132	P	P	13 48 52.1	-1.0
ASAR	comp=Z,15nm,0.8s,baz=308,slow=7.2,SNR=83				P	13 50 06.2	-0.2
ASAR	comp=Z,8.7nm,0.8s,baz=307,slow=5.3,SNR=4.5		</				

SIM	comp=Z,36nm,1.2s		pmax	pmax		
SIM			MLR	MLR		
STKA	comp=Z,800nm,22.0s					
STKA	62.07 135 P				13 50 05.4 -0.7	
STKA	comp=Z,24nm,1.0s,baz=297,slow=8.6,SNR=10		LR	LR	14 17 23.7	
STKA	comp=Z,1µm,21.8s,baz=316,slow=36					
STKA	Stephens Creek	62.07 135 eP			13 50 05.9 -0.2	
STKA	Stephens Creek	62.07 135 eP			13 50 05.9 -0.2	
STKA			pmax	pmax		
ISZ	comp=Z,9.0nm,1.1s					
ISP	Isparta	62.69 307 PFAKE			13 50 20.0 +1.0	
MOS	comp=Z,885nm,21.0s					
MOS	Moscow	62.71 328 eP			13 50 11.0 +1.0	
MOS			e		13 50 50.0	
MOS			e		13 52 35.7	
MOS	comp=Z,91nm,1.2s		pmax	pmax		
MOS			MLR	MLR		
MOS	comp=Z,2µm,22.0s					
MOS	Obninsk	63.03 327 P			13 50 12.8 +0.7	
MOS	comp=Z,22nm,0.3s,baz=123,slow=9.1,SNR=4.3		P			
MOS	Obninsk	63.03 327 P			13 50 12.8 +0.7	
MOS			LR	LR		
MOS	comp=Z,2µm,19.0s					
MOS	Obninsk	63.03 327 eP			13 50 11.7 -0.4	
MOS			e		13 50 49.5	
MOS			e		13 52 34.0	
MOS			ePPP	PPP	13 54 03.7	
MOS			eS	S	13 58 36.4 -4.7	
MOS	comp=Z,48nm,1.7s		pmax	pmax		
MOS			MLR	MLR		
MOS	comp=Z,2µm,18.0s					
MOS	Mbarara	63.91 264 PFAKE			13 50 30.0 +1.1	
MOS			LR	LR		
MOS	comp=Z,825nm,20.0s					
MOS	Klimovskoe	63.97 334 iP			13 50 10.7 -7.5	
MOS			ePP	P	13 50 22.9 -3.1	
MOS			e	P	13 58 42.5 -1.0	
MOS			pmax	pmax		
MOS	comp=Z,35nm,1.4s					
MOS			MLR	MLR		
MOS	comp=Z,2µm,17.0s					
MOS	Magadan	64.41 28 P			13 50 20.6 -0.5	
MOS	comp=Z,25nm,0.9s,baz=259,slow=5.5,SNR=21		P			
MOS	Tiksi	64.59 12 eP			13 50 20.1 -1.9	
MOS	comp=Z,79nm,1.5s					
MOS			LR	LR		
MOS	comp=Z,676nm,21.0s					
MOS	Tiksi	64.59 12 eP			13 50 20.0 -2.1	
MOS			pmax	pmax		
MOS	comp=Z,21nm,1.2s					
MOS	Karpathos	65.12 304 eP			13 50 26.9 +0.6	
MOS	comp=Z,73nm,1.1s					
MOS	Tirgusor	65.28 314 iP			13 50 25.2 -1.9	
MOS	Tirgusor	65.28 314 iP			13 50 25.2 -1.9	
MOS	Kishinev	65.46 317 eP			13 50 35.0 +6.8	
MOS			eL	L	14 13 00.0	
MOS			LRM	MLR	14 22 40.0	
MOS	comp=Z,800nm,18.0s					
MOS	Kishinev	65.46 317 eP			13 50 35.0 +6.8	
MOS			e		13 50 39.0	
MOS			e		13 51 02.0	
MOS			e		13 52 51.0	
MOS			MLR	MLR		
MOS	comp=Z,800nm,18.0s					
MOS			MLR	MLR		
MOS	comp=Z,800nm,18.0s					
MOS	Carcalui	65.59 315 iP			13 50 28.1 -1.0	
MOS	Carcalui	65.59 315 iP			13 50 28.1 -1.0	
MOS	PETK	65.86 36 P			13 50 31.2 +0.4	
MOS	comp=Z,2.9nm,1.0s,baz=203,slow=6.3,SNR=3.4					
MOS	PETK	65.86 36 P			13 50 31.2 +0.4	
MOS	comp=Z,454nm,18.6s,baz=237,slow=38		LR	LR	14 21 22.6	
MOS	AKASG	Malin Array Be	65.97 321 P		13 50 33.2 +1.8	
MOS	comp=Z,4.2nm,0.8s,baz=90,slow=4.4,SNR=18					
MOS	AKASG	65.97 321 P			13 52 58.3 +1.5	
MOS	comp=Z,0.4nm,0.2s,baz=92,slow=7.5,SNR=6.9		PP	PP		
MOS	AKASG	65.97 321 P			14 22 42.9	
MOS	comp=Z,400nm,21.6s,baz=130,slow=39		LR	LR		
MOS	KIEV	Kiev	65.98 321 PFAKE		13 50 40.0 +8.5	
MOS	KIEV		LR	LR		
MOS	comp=Z,577nm,19.0s					
MOS	KIEV	Kiev	65.98 321 P		13 50 32.0 +0.5	
MOS	KIEV		pmax	pmax		
MOS	comp=Z,9.0nm,1.7s					
MOS	TMCR	Tamitsa	66.09 337 eP		13 50 31.8 -0.1	
MOS	TMCR		pmax	pmax		
MOS	comp=Z,11nm,0.3s					
MOS	PET	Petropavlovsk	66.40 37 P		13 50 35.3 +1.1	
MOS	comp=Z,24nm,1.2s					
MOS	PET		LR	LR		
MOS	comp=Z,705nm,20.0s					
MOS	PET	Petropavlovsk	66.40 37 P		13 50 35.2 +1.1	
MOS			eS	S	13 59 21.1 -1.6	
MOS			ePS	PS	13 59 43.9 -1.0	
MOS			eSS	SS	14 04 22.9 +3.5	
MOS			pmax	pmax		
MOS	comp=Z,19nm,1.3s					
MOS	PET		MLR	MLR		
MOS	comp=Z,600nm,18.0s					
MOS	PET		MLR	MLR		
MOS	comp=Z,700nm,16.0s					
MOS	SEY	Seymchan	66.50 25 iP		13 50 34.3 -0.3	
MOS	SANT	Santorini	66.56 305 PFAKE		13 50 50.0 +1.4	
MOS	SANT		LR	LR		
MOS	comp=Z,470nm,19.0s					
MOS	VRI	Vrincioiaia	66.68 315 iP		13 50 37.0 +0.8	
MOS	VRI	Vrincioiaia	66.68 315 iP		13 50 37.0 +0.8	
MOS	ISR	Istria	66.70 315 iP		13 50 43.7 +7.4	
MOS	ISR	Istria	66.70 315 iP		13 50 43.7 +7.4	
MOS	PJOR	Plostinia	66.73 315 iP		13 50 37.3 +0.8	
MOS	PJOR	Plostinia	66.73 315 iP		13 50 37.3 +0.8	
MOS	TER	Tescani	66.84 316 iP		13 50 37.3 +0.8	
MOS	IDI	Anoyia	66.95 304 P		13 50 37.2 -0.4	
MOS	MLR	comp=Z,20nm,1.0s,baz=69,slow=8.6,SNR=2.6				
MOS	MLR	Muntele Rosu	67.17 315 iP		13 50 39.6 +0.1	
MOS	MLR	comp=Z,1.4nm,0.9s,baz=8.5,slow=11.1,SNR=6.1				
MOS	MLR	67.17 315 iP			13 53 08.3 +0.8	
MOS	MLR	comp=Z,2.7nm,1.1s,baz=71,slow=8.5,SNR=3.1				
MOS	MLR	Muntele Rosu	67.17 315 iP		13 50 39.5 +0.1	
MOS	MLR	Muntele Rosu	67.17 315 eP		13 50 39.7 +0.3	
MOS	MLR		PP	PP	13 53 08.3 +0.8	
MOS	MLR	comp=Z,2.2nm,1.1s,baz=71,slow=8.5,SNR=3.1				
MOS	MLR	Muntele Rosu	67.17 315 eP		13 50 39.5 +0.1	
MOS	MLR	Muntele Rosu	67.17 315 eP		13 50 39.7 +0.3	
MOS	MLR		PP	PP	13 53 08.3 +0.8	
MOS	MLR	comp=Z,2.2nm,1.1s,baz=71,slow=8.5,SNR=3.1				
MOS	MLR	Muntele Rosu	67.17 315 eP		13 50 39.5 +0.1	
MOS	MLR	Muntele Rosu	67.17 315 eP		13 50 39.7 +0.3	
MOS	MLR		PP	PP	13 53 08.3 +0.8	
MOS	MLR	comp=Z,78nm,1.2s				
MOS	MLR		pmax	pmax		
MOS	MICGM	Minsk	67.64 325 eP		13 50 40.0 -2.0	
MOS	MNK	Minsk	67.64 325 eP		13 50 40.0 -2.0	
MOS	VOIR		67.79 315 iP		13 50 43.8 +0.6	
MOS	VOIR		67.79 315 iP		13 50 43.8 +0.6	
MOS	BURAR	Bucovina Array	67.98 317 iP		13 50 43.1 -1.3	
MOS	BURAR	Bucovina Array	67.98 317 iP		13 50 43.1 -1.3	
MOS	BUR04	Bucovina Ar. S	67.98 317 eP		13 50 43.8 -0.6	
MOS	BUR08	Bucovina Ar. S	67.98 317 eP		13 50 47.7 +3.0	
MOS	NACGM	Naroch	68.36 325 eP		13 50 58.0 +1.1	
MOS	IDID	Didzasalis	68.47 325 eP		13 50 53.2 +6.0	
MOS	IDID		IAMB	IAMB	13 50 55.6	
MOS	LOT	Lotru	68.68 315 iP		13 50 48.4 -0.5	
MOS	IIGN	Ignina	68.77 325 eP		13 50 55.1 +6.0	
MOS	IIGN		IAMB	IAMB	13 50 57.4	
MOS	VTS	Vitosha	68.79 312 iP		13 50 49.6 -0.1	
MOS	VTS	Vitosha	68.79 312 eP		13 50 49.5 -0.1	
MOS	comp=Z,35nm,1.2s					
MOS	VTS	Vitosha	68.79 312 eP		13 50 49.6 -0.1	
MOS	comp=Z,35nm,1.2s					
MOS	IZAR	Zarasai	68.84 326 eP		13 50 55.8 +6.3	
MOS	IZAR		IAMB	IAMB	13 50 56.7	
MOS	ISAL	Salakas	68.87 326 eP		13 50 56.0 +6.3	
MOS	ISAL		IAMB	IAMB	13 50 58.2	
MOS	comp=Z,26nm,1.4s					
MOS	CJR	Ciuj-Napoca	68.95 316 iP		13 50 53.3 +2.8	
MOS	CJR	Ciuj-Napoca	68.95 316 iP		13 50 53.3 +2.8	
MOS	LVZ	Lovozero	68.97 340 PFAKE		13 51 00.0 +1.0	
MOS	LVZ		LR	LR		
MOS	comp=Z,3µm,20.0s					

CAN	Canberra	69.13 134 PFAKE			13 51 00.0 +8.3	
CAN			LR	LR		
VAY	comp=Z,2µm,19.0s					
VAY	Valandovo	69.17 310 eP			13 50 50.9 -1.0	
VAY			P	P	13 50 57.1	
APA	Apatity	69.27 339 iP			13 50 54.0 +2.0	
APA			iP	iP	13 51 04.0	
APA			iS	S	13 59 56.0 -0.6	
APA			iSS	SS	14 04 20.0 -3.3	
APA			MLR	MLR		
GZR	comp=Z,4µm,16.0s					
GZR	Gura Zlata	69.37 315 iP			13 50 53.4 +0.3	
GZR	Gura Zlata	69.37 315 iP			13 50 53.4 +0.3	
DRGR		69.56 316 iP			13 50 53.9 -0.4	
DRGR		69.56 316 iP			13 50 53.9 -0.4	
KWP	Kalwaria Pacla	69.91 319 iP			13 50 55.6 -0.7	
KWP	Kalwaria Pacla	69.91 319 iP			13 50 55.6 -0.7	
UZH	Uzhgorod	70.05 318 eP			13 50 57.0 -0.1	
UZH			e		13 51 04.0	
UZH			e		13 51 21.0	
MDVR	Moldovita	70.06 314 iP			13 50 57.5 +0.1	
KOLS	Kolonice sedl	70.10 318 eP			13 51 04.2 +6.7	
KOLS	Kolonice sedl	70.10 318 eP			13 51 04.3 +6.8	
LSZ	Lusaka	70.11 249 eP			13 50 58.9 +0.7	
LSZ	comp=Z,8.4nm,0.8s					
LSZ	comp=Z,543nm,20.0s					
LSZ	Lusaka	70.11 249 eP			13 50 58.9 +0.7	
LSZ			pmax	pmax		
LSZ	comp=Z,8.0nm,0.8s					
LSZ			MLR	MLR		
BZS	Buzias	70.20 315 iP			13 50 59.7 +1.5	
BZS	Buzias	70.20 315 iP			13 50 59.7 +1.5	
SIRR	Siria	70.23 315 iP			13 50 59.1 +0.7	
FINES	FINES Array B	70.27 332 eP			13 50 57.9 -0.3	
FINES	comp=Z,4.2nm,0.8s,baz=68,slow=5.1,SNR=8.9		LR	LR	14 25 35.2	
FINES	comp=Z,676nm,18.4s,baz=113,slow=39					
FINES	FINES Array B	70.27 332 iP			13 50 58.9 +0.7	
FINES			pmax	pmax		
OHR	Ohrid	70.49 310 eP			13 50 59.0 -1.1	
OHR			i	i	13 51 04.6	
STHS	Stebnicka Huta	70.83 319 eP			13 51 03.7 +1.8	
STHS	Stebnicka Huta	70.83 319 eP			13 51 09.9 +7.1	
STHS	Stebnicka Huta	70.83 319 eP			13 51 09.9 +7.1	
TIR	Tirane	71.20 310 PFAKE			13 51 20.0 +1.6	
TIR			LR	LR		
NIE	Niedzica	71.44 319 eP			13 51 06.0 +0.3	
NIE	Niedzica	71.44 319 eP			13 51 06.0 +0.3	
PSZ	Piszkesteto	71.58 317 P			13 51 06.3 -0.3	
PSZ			LR	LR		
PSZ	comp=Z,656nm,21.0s					
PSZ	Piszkesteto	71.58 317 P			13 5	

1d 14h

Y32A	R-V Farms, Ver	52.20	81	P	P	14 34 36.7	0.0
Z31A	Sharp Cattle R	52.24	83	P	P	14 34 37.1	0.0
Q38A	Cooks Store, C	52.53	75	P	P	14 34 36.5	-1.2
S37A	Fort Scott	52.44	75	P	P	14 34 37.7	-0.6
KRAR	Krasnovyarsk	52.50 315f	eP	P	P	14 34 39.7	+1.1
P39A	Salisbury	52.51	72	P	P	14 34 38.0	-0.9
131A	Roby	52.54	83	P	P	14 34 39.3	0.0
V35A	Meyer Ranch, C	52.58	78	P	P	14 34 39.0	-0.4
O40A	La Belle	52.60	71	P	P	14 34 38.7	-0.8
Z30A	Sterling City	52.64	85	P	P	14 34 40.2	+0.1
Z32A	Haskell	52.66	82	P	P	14 34 40.1	0.0
Q39A	Willow Grove F	52.67	72	P	P	14 34 38.9	-1.2
R38A	Fenwick Farm,	52.70	74	P	P	14 34 38.7	-1.6
HHC	Hu-ho-hao-te	52.79 291	eP	P	P	14 34 38.2	-2.9
HHC			pmax	pmax			
HHC			pmax	pmax			
T37A	Cheneyville 18	52.81	75	P	P	14 34 39.9	-1.2
TXAR	Lajitas Array	52.88	89	P	P	14 34 42.2	+0.3
TXAR			PcP	PcP		14 35 50.9	+0.5
P40A	Paris	52.89	71	P	P	14 34 40.5	-1.2
330A	Mertzow	52.94	85	P	P	14 34 41.7	-0.5
W35A	Tecumseh	52.97	79	P	P	14 34 42.4	0.0
ABTX	Abilene, Hawle	53.03	83	P	P	14 34 42.4	-0.4
S38A	Stockton	53.06	74	P	P	14 34 41.7	-1.4
V36A	Jenks	53.10	77	P	P	14 34 42.4	-0.9
TUL1	Leonard	53.10	77	P	P	14 34 43.0	-0.3
R39A	Chumby, Stover	53.12	73	P	P	14 34 42.4	-1.1
U37A	Salina	53.17	76	P	P	14 34 43.0	-0.8
Q40A	Laux Farm, Aux	53.23	72	P	P	14 34 42.9	-1.4
Y34A	Reagan Ranch,	53.25	80	P	P	14 34 43.9	-0.9
W36A	Wetumka	53.37	78	P	P	14 34 44.3	-1.0
S39A	Bolivar	53.37	74	P	P	14 34 43.4	-1.9
133A	Hamilton Ranch	53.48	82	P	P	14 34 46.5	+0.3
V37A	Hulbert	53.51	77	P	P	14 34 45.5	-0.8
Z34A	Collier Ranch,	53.56	81	P	P	14 34 46.8	+0.1
U38A	Gravette	53.58	76	P	P	14 34 45.9	-1.0
R40A	Maddies Statio	53.59	73	P	P	14 34 45.3	-1.5
T39A	Clever	53.78	74	P	P	14 34 46.9	-1.4
Z33A	Rising Star	53.90	83	P	P	14 34 49.3	0.0
238A	Canehill	53.96	76	P	P	14 34 48.7	-0.9
134A	White-Moore Ra	54.01	82	P	P	14 34 50.0	0.0
T40A	Mansfield	54.20	74	P	P	14 34 50.0	-1.4
X37A	Clayton	54.25	78	P	P	14 34 51.9	+0.1
333A	Richard Sprin	54.33	83	P	P	14 34 51.9	-0.5
135A	Vickery Place,	54.43	81	P	P	14 34 53.1	0.0
JCT	Junction City	54.43	85	P	P	14 34 52.6	-0.5
W38A	Poteau	54.43	77	P	P	14 34 52.7	-0.4
X38A	Whitesboro	54.52	78	P	P	14 34 53.1	-0.7
334A	Lometa	54.78	83	P	P	14 34 55.8	+0.1
X39A	Fountain Ranch	55.06	77	P	P	14 34 57.1	-0.6
434A	Burnet	55.13	83	P	P	14 34 57.6	-0.6
W40A	Ferguson Farm,	55.21	76	P	P	14 34 57.7	-1.0
MIAR	Mount Ida	55.36	77	P	P	14 34 59.2	-0.6
SCHQ	Schefferville	55.50	43	P	P	14 35 00.4	-0.1
534A	Blanco	55.56	84	P	P	14 34 59.3	-2.0
237A	Washetta, Mont	55.78	81	P	P	14 35 02.7	-0.1
X40A	Basin Creek Fa	55.84	76	P	P	14 35 02.3	-0.9
832A	Faith Ranch, C	55.88	87	P	P	14 35 03.6	0.0
Y40A	Okolona	55.90	77	P	P	14 35 03.2	-0.4
833A	Chaparral WMA,	56.21	86	P	P	14 35 05.8	-0.2
ZALV	Zalesovo Beam	57.31 317	eP	P	P	14 35 13.6	+0.2
ZALV			pmax	pmax		14 36 07.2	+0.2
ARCES	ARCES Array B	57.87 354	eP	P	P	14 35 16.1	-1.0
ARCES			PcP	PcP		14 36 09.0	0.0
O56A	Blue Knob Stat	59.96	62	P	P	14 35 31.2	-0.8
GTA	Gaotai	60.35 297	eP	P	P	14 35 34.3	-0.5
GTA			pP	pP		14 35 49.4	+0.2
GTA			eP	eP		14 35 55.9	+0.8
GTA			pmax	pmax			
N59A	State Game Lan	61.00	60	P	P	14 35 38.6	-0.5
KM3R	Kings Mountain	62.08	68	P	P	14 35 45.1	-1.3
KURK	Kurchatov	62.26 318	eP	P	P	14 35 46.6	-0.8
KURK			pmax	pmax		14 35 46.6	-0.8
BRVK	Borovoye	63.61 324f	eP	P	P	14 35 55.9	-0.4
BRVK			pmax	pmax			
MKAR	Makanchi Array	63.69 313	P	P	P	14 35 55.9	-1.1
CD2	Chengdu	64.24 288	P	P	P	14 36 01.2	+0.4
CD2			pmax	pmax			
CD2			pmax	pmax			
FINES	FINES Array B	65.82 352	P	P	P	14 36 09.6	-0.9
FINES			pP	pP		14 36 09.8	-0.7
FINES			pmax	pmax			
NB2	NORSAR Subarra	66.90 360	P	P	P	14 36 17.2	-0.4
NB2			pmax	pmax		14 36 12.0	-5.6
NB2			pmax	pmax			
NOA	NORSAR Array B	66.90 360	P	P	P	14 36 17.6	+0.1
KMI	Kunming	69.13 284	P	P	P	14 36 32.7	+0.4
KMI			pmax	pmax			

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ABKAR	Akbulak array	70.34 328	eP	P	14 36 38.5	-0.5
AAK	Ala-Archa	70.39 315	eP	P	14 36 39.6	-0.2
AAK	Ala-Archa	70.39 315c	fP	P	14 36 40.0	+0.3
AAK			pmax	pmax		
KKAR	Karatay Array	71.68 318	eP	P	14 36 46.8	-0.5
KKAR	Karatay Array	71.68 318	eP	P	14 36 46.8	-0.5
KKAR			pmax	pmax		
KSH	Kashi	72.26 312	eP	P	14 36 54.4	+3.4
KSH			eP	eP	14 37 11.1	+2.2
KSH			eP	eP	14 37 18.3	+6.5
KSH			eP	eP	14 39 36.3	+4.8
KSH			eP	eP	14 46 11.9	+2.0
KSH			eP	eP	14 46 39.7	+5.2
KSH			eP	eP	14 50 52.6	+5.2
KSH			pmax	pmax		
KSH			pmax	pmax		
KSH			LR	LR		
KSH			LR	LR		
KSH			LR	LR		
LSA	Lhasa	72.32 296	eP	P	14 36 52.6	+0.7
LSA	Lhasa	72.32 296	eP	P	14 36 52.6	+0.7
LSA			pmax	pmax		
TAPN	Taplejung	76.04 297	eP	P	14 37 13.1	-0.3
AKASG	Malin Array Be	76.05 348	P	P	14 37 11.2	-1.5
AKASG	Malin Array Be	76.05 348f	eP	P	14 37 11.6	-1.1
AKASG			pmax	pmax		
CMAR	Chiang Mai Arr	76.48 283	P	P	14 37 16.1	+0.5
GUN	Gumba	76.59 298	eP	P	14 37 16.3	-0.3
JIRN	Jiri	76.62 298	eP	P	14 37 16.8	0.0
RAMN	Ramite	76.96 297	eP	P	14 37 18.3	-0.3
KKN	Kakani	77.01 299	eP	P	14 37 18.5	-0.3
PKIN	Phuicki	77.12 299	eP	P	14 37 19.5	0.0
DMN	Daman	77.25 298	eP	P	14 37 19.8	-0.4
DANN	Dangsing	77.38 300	eP	P	14 37 20.8	-0.2
DPC	Dobruska-Polom	77.50 356	eP	P	14 37 21.7	+0.7
DPC	Dobruska-Polom	77.50 356	eP	P	14 37 23.4	-0.4
KOLN	Koldanda	77.92 300	eP	P	14 37 23.8	-0.4
PYUN	Pyuthan	77.98 300	eP	P	14 37 25.8	+1.3
STHS	Stebnicka Huta	78.14 353	eP	P	14 37 25.8	+1.3
STHS	Stebnicka Huta	78.14 353	eP	P	14 37 25.8	+1.3
STHS			pmax	pmax		
KHC	Kasperske Hory	78.81 358	eP	P	14 37 29.5	+1.3
KHC	Kasperske Hory	78.81 358	eP	P	14 37 29.5	+1.3
GOF	Gofitsko	78.94 337	eP	P	14 37 29.4	+0.4
GERES	GERESS Array B	79.09 358	eP	P	14 37 30.2	+0.4
KBZ	Khabaz	80.23 337	P	P	14 37 35.9	0.0
GEYT	Alibek	80.93 324	P	P	14 37 40.0	+0.1
WRA	Warramunga Arr	86.93 321	P	P	14 38 09.6	-0.9
ESDC	Sonseca Array	87.45 11	P	P	14 38 13.1	+0.1
ASAR	Alice Springs	90.32 230	P	P	14 38 26.1	-0.4
STKA	Stephens Creek	94.14 220	P	P	14 38 44.0	+0.1
STKA	Stephens Creek	94.14 220	P	P	14 38 44.0	+0.1
LBTB	Lobatse	150.32 331	PKPbc	PKPbc	14 45 16.6	0.0

ICD 01 14:32:42.1±7.9, 2.28S:99.47E, h0km, mb3.5/3, mb1 3.6/3, mb1mx3.3/39, mbtmp3.5/3, Error ellipse: s-maj=389.5km s-min=26.4km az=53.0, ISCJBJ 01 14:32:43.2±1.1, 1.97S:0.06:99.17E±0.1, h35km, mb3.4/3, Error ellipse: s-maj=14.3km s-min=7.1km az=163.4
DJA 01 14:32:44.6±1.1, 2.4±9.9°E, h29km±15km, M3.6/9, MLV3.6/9
ISC 01 14:32:45.1±1.3, 1.96S:0.06:99.25E±0.09, h35km, n17, ±137/14, mb3.3/3, Southern Sumatera

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
PPSI	Pulau Pagai	1.10 137	Op	h m s	ISC
PPSI			S	14 33 03.9	0.7
PDSI	Padang	1.59 49	P	14 33 20.2	+2.2
PPI	Padang Panjang	1.88 38	P	14 33 10.3	-0.5
PPI			P	14 33 15.9	+1.2
PPI			S	14 33 37.9	+0.7
PDSI	Pulau Batu	2.12 33	P	14 33 18.4	+0.3
SDSI	Sungai Dareh	2.40 65	P	14 33 20.5	+1.1
MNSI	Mandailing Nat	2.75 7	P	14 33 27.0	+0.2
BKNI	Bangkitang	2.89 38	P	14 33 27.9	-0.7
MNAI	Manna	4.40 123	P	14 33 48.9	-0.6
LHSI	Lahat	4.65 114	P	14 33 55.8	+2.9
PSI	Prapat	4.74 356	P	14 33 51.9	-2.3
H0S2	Diego Garcia H	27.25 257	T	15 07 06.9	
H0S3	Diego Garcia H	27.25 257	T	15 07 06.3	
H0S1	Diego Garcia H	27.26 257	T	15 07 08.5	
WRA	Warramunga Arr	38.66 120	P	14 40 04.9	-0.8
ASAR	Alice Springs	39.88 126	P	14 40 14.6	-1.3
MKAR	Makanchi Array	50.79 345	P	14 41 46.9	+5.0
TXAR	Lajitas Array	145.12 36	PKPbc	14 52 21.7	+1.9

ICD 01 14:33:11.6±5.2, 22.51N±121.94E, h0km, mb3.3/2, mb1 3.5/3, mb1mx3.2/34, mbtmp3.4/3, ML3.1/1, Error ellipse: s-maj=117.0km s-min=60.5km az=176.0
JMA 01 14:33:21.5±23.78N±121.58E, h30km±1km, M3.2
ISCJBJ 01 14:33:22.0±3.23, 77N±0.02, 121.66E±0.02, h25km±2km, mb3.1/2, Error ellipse: s-maj=3.6km s-min=2.1km

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
TEGC	Jichi Village	0.10 223	eP	14 33 28.8	+0.8
ESF	Shougang Towns	0.13 313	eP	14 33 28.4	-0.6
ESF			eS	14 33 32.3	+0.6
ESL	Shimo	0.17 282	fP	14 33 27.9	-0.5
ESL			iS	14 33 31.4	-0.9
HWA	Hwallen	0.20 358	fP	14 33 28.2	-0.6
HWA			eS	14 33 33.3	+0.5
TWD	Chiawan	0.30 357	fP	14 33 29.2	-0.8
TWD			eS	14 33 35.5	+0.5
EHY	Hungye	0.38 224	fP	14 33 30.4	-0.9
WDT	Danda	0.44 267	fP	14 33 31.8	-0.6

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WDT	baz=264		S	Sb	14 33 37.6	-1.3
WHF	Yehuan Shan	0.48 319	fP	Pb	14 33 31.9	-1.3
TWFI	Suo	0.52 214	fP	Pb	14 33 32.5	-0.9
TWT	Tachien	0.62 320	fP	Pb	14 33 34.5	-0.7
TWT			iS	Sb	14 33 42.5	-

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TWK1 Hengchun, IRIF, HATJ, etc.

JMA 01 14:49:28.7±0.1, 23.77N±121.63E, h29km, 2km, M2.8
ISC/JB 01 14:49:29.6±0.3, 23.79N±121.64E±0.02, h28km, 2km,
Error ellipse: s-maj=3.4km s-min=2.1km az=135.5

TAP 01 14:49:29.6±0.3, 23.81N±121.60E, h28km, ML3.3 C
ISC 01 14:49:29.6±0.3, 23.79N±121.62E±0.02, h29km, 5km,
m59, c0572/101, 7C-7D, Taiwan

Main table of station data for the left column, including codes like TEGC, ESF, ESL, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TWK, CHN1, SGST, etc.

KRSC 01 15:08:09.2±0.8, 54.38N±161.81E, h51km, 20km, ML4.3
ISC/JB 01 15:08:11.2±0.4, 54.41N±161.78E±0.06, h49km, 5km,
mb3.6/15, Error ellipse: s-maj=6.2km s-min=2.8km
az=31.8

MOS 01 15:08:11.5±0.7, 54.43N±161.71E, h51km, mb4.0/6, Error
ellipse: s-maj=9.3km s-min=5.1km az=79.9
IDC 01 15:08:15.0±2.0, 54.64N±161.33E, h69km, 19km, mb3.4/14,
mb1.3/716, mb1mx3.5/45, mbtmp3.7/16, MS3.0/1,
Ms1.3/0.1, ms1mx2.5/41, Error ellipse: s-maj=22.0km
s-min=12.3km az=144.0

Main table of station data for the middle column, including codes like KZV, KII, KMN, etc.

ISC 01 15:08:11.6±0.7, 54.40N±161.81E±0.04, h40km, 8km,
n96, c0999/124, mb3.6/15, 1C-1D, Near east coast of
Kamchatka Peninsula

Main table of station data for the middle column, including codes like KZV, KII, KMN, etc.

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

IDC 01 15:26:42.9±8.8, 5.44S±151.57E, h92km, 60km, mb2.7/3,
mb1.2/9.4, mb1mx2.8/41, mbtmp3.1/4, ML1.4/1, Error
ellipse: s-maj=101.3km s-min=33.1km az=104.0, New
Britain region

IDC 01 15:26:44.5±1.0, 2.71N±143.59E, h0km, mb3.7/9,
mb1.3/9.1/1, mb1mx3.7/49, mbtmp3.7/11, ML3.6/2, Error
ellipse: s-maj=25.2km s-min=17.5km az=85.0
ISC 01 15:26:46.3±0.9, 2.72N±143.52E±0.08, h10km, n18,
c0995/22, mb3.6/9, Bonin Islands region

Main table of station data for the right column, including codes like YAK, YK, YKA, etc.

MEX 01 15:17:39.3±0.6, 17.01N±94.51W, h145km±12km, MD3.9,
Chiapas

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

IDC 01 15:26:42.9±8.8, 5.44S±151.57E, h92km, 60km, mb2.7/3,
mb1.2/9.4, mb1mx2.8/41, mbtmp3.1/4, ML1.4/1, Error
ellipse: s-maj=101.3km s-min=33.1km az=104.0, New
Britain region

Main table of station data for the right column, including codes like PMG, WRA, etc.

NIED 01 15:06:20.27±30N.143.80E, h5km, Mw3.7 Best double
couple: M4.3100x1014 N1.9±215.0000°, 877.00000°,
λ=2.0000° NP2.9±305.0000°, 888.00000°,
λ=167.0000°

JMA 01 15:26:43.5±0.1, 2.72N±143.76E, h15km±3km, M3.6
ISC/JB 01 15:26:44.2±0.8, 2.73N±143.61E±0.07, h10km,
mb3.7/9, Error ellipse: s-maj=10.1km s-min=5.9km
az=23.0

IDC 01 15:26:44.5±1.0, 2.71N±143.59E, h0km, mb3.7/9,
mb1.3/9.1/1, mb1mx3.7/49, mbtmp3.7/11, ML3.6/2, Error
ellipse: s-maj=25.2km s-min=17.5km az=85.0
ISC 01 15:26:46.3±0.9, 2.72N±143.52E±0.08, h10km, n18,
c0995/22, mb3.6/9, Bonin Islands region

Main table of station data for the right column, including codes like CBJ, JCJ, etc.

MNBS	1µm,0.6s	eS	Sb	16 27 44.4 +0.2	
DJR	Jarkent 176nm,0.2s	0.72 107	↑P	Pb	16 27 38.0 -0.5
DJR	558nm,0.3s	0.79 245	↑P	Sg	16 27 47.7 +1.1
ARXS	Arharly 32nm,0.2s	eS	Pg	16 27 39.2 +0.6	
ARXS	490nm,0.2s	eS	Pb	16 27 49.7 +0.8	
KAPS	Kapalarasan 90nm,0.1s	0.82 27	↑P	Pb	16 27 39.7 -0.5
KAPS	727nm,0.4s	0.82 27	↑P	Sb	16 27 50.8 -0.9
KURS	Kuram 18nm,0.4s	1.17 204	↑P	Pg	16 27 45.4 -0.3
KURS	186nm,0.2s	1.17 204	↑P	Sg	16 28 01.0 +0.2
PDGK	Podgornoye 24nm,0.4s	1.31 159	↑P	Pb	16 28 07.4 -0.8
PDGK	104nm,0.7s	1.31 159	↑P	Sb	16 28 05.1 -0.6
UZB	Uzymbulak 132nm,0.2s	1.41 174	↑P	Pn	16 27 49.5 -0.5
UZB	153nm,0.3s	1.41 174	↑P	Sb	16 28 07.6 -1.1
ZHN	Zhishiske 70nm,0.3s	1.41 192	eP	Pn	16 27 49.4 -0.5
ZHN	562nm,0.3s	1.48 243	eP	Pb	16 28 07.5 -1.2
CHKK	Chushkaly 30nm,0.2s	1.48 243	eP	Pn	16 27 50.5 -0.2
CHKK	336nm,0.2s	1.48 243	eP	Sn	16 28 09.4 -1.0
SATY	Saty 172nm,0.1s	1.52 192	↑P	Pn	16 27 51.4 0.0
SATY	558nm,0.3s	1.52 192	↑P	Sb	16 28 11.4 -0.3
KTMS	Ketmen 127nm,0.2s	1.56 135	eP	Pn	16 27 52.4 +0.5
KTMS	231nm,0.2s	1.56 135	eP	Sb	16 28 13.0 +0.1
SHLS	Shalkode 141nm,0.3s	1.59 151	eP	Pb	16 27 53.2 -0.2
SHLS	206nm,0.3s	1.59 151	eP	Sb	16 28 14.0 +0.1
KTBS	Karabote 206nm,0.3s	1.76 242	eP	Pn	16 27 55.1 +0.5
KTBS	206nm,0.3s	1.76 242	eP	Sn	16 28 17.3 -0.1
KOTS	Kotyrybulak 29nm,0.2s	1.81 224	eP	Pn	16 27 56.1 +0.7
KOTS	29nm,0.2s	1.81 224	eP	Sn	16 28 18.8 0.0
MDOK	Medeo 29nm,0.2s	1.89 223	eP	Pn	16 27 57.1 +0.6
MDOK	219nm,0.5s	1.89 223	eP	Sn	16 28 21.6 +0.7
KNDC	Almaty 18nm,0.3s	1.90 226	↑P	Pn	16 27 57.4 +0.9
KNDC	292nm,0.5s	1.90 226	↑P	Sb	16 28 23.0 +0.5
KUU	Kurty 27nm,0.2s	1.91 251	eP	Pn	16 27 57.1 +0.6
KUU	86nm,0.3s	1.91 251	eP	Sn	16 28 21.5 +0.5
TNSS	Tian-Shan 34nm,0.2s	2.04 223	eP	Pn	16 27 59.9 +1.2
TNSS	358nm,0.4s	2.04 223	eP	Sb	16 28 26.2 -0.6
IZV	Izvestkoviy 11nm,0.2s	2.21 227	eP	Pb	16 28 04.0 +0.1
IZV	246nm,0.6s	2.21 227	eP	Sb	16 28 32.6 +1.0
MTBS	Matibue 8.1nm,0.1s	2.24 231	eP	Pb	16 28 03.7 -0.8
MTBS	175nm,0.3s	2.24 231	eP	Sb	16 28 32.4 -0.2
KST	Kastek 3.9nm,0.1s	2.56 235	eP	Pb	16 28 08.7 -1.2
KST	45nm,0.4s	2.56 235	eP	Sb	16 28 41.3 -0.6
DGS	Degeres 8.8nm,0.3s	2.57 240	eP	Pb	16 28 09.0 -1.0
DGS	75nm,0.5s	2.57 240	eP	Sb	16 28 41.3 -0.6
BMNS	Besmoynak 2.7nm,0.5s	2.70 239	eP	Pn	16 28 11.9 -0.4
BMNS	2.7nm,0.5s	2.70 239	eP	Sn	16 28 46.0 +0.1
TKM2	Tokmak 2 0.6nm,0.5s	2.85 236	↑P	Pn	16 28 09.8 0.0
TKM2	3.0nm,0.4s	2.85 236	↑P	Pb	16 28 16.2 +1.2
TKM2	11nm,0.4s	2.85 236	↑P	Lg	16 28 50.4
MK31	Makanchi Array 1.2nm,0.3s,baz=217,slow=14,SNR=81	3.30 46	↑P	Pn	16 28 16.4 +0.6
MK31	6.7nm,0.3s,baz=224,slow=22,SNR=10	3.30 46	↑P	Sn	16 28 55.9 +0.5
MK31	3.6nm,0.5s,baz=218,slow=28,SNR=8	3.30 46	↑P	Lg	16 29 04.7
AAK	Ala-Archa 2.2nm,0.8s	3.69 240	↑P	Pn	16 28 20.6 -0.6
AAK	2.6nm,0.5s	3.69 240	↑P	Pb	16 28 29.9 +0.8
AAK	16nm,0.7s	3.69 240	↑P	Lg	16 28 17.9
MRKS	Merke 4.1nm,0.2s	4.45 248	eP	Pb	16 28 44.1 +2.1
MRKS	8.7nm,0.3s	4.45 248	eP	Sg	16 29 41.4 -4.8
MNAS	Manas 7.1nm,0.8s	5.04 248	↑Lg	Lg	16 29 58.7
OTUK	Ortayu 0.4nm,0.3s	5.81 312	↑P	Pn	16 28 49.0 -1.3
OTUK	0.7nm,0.3s	5.81 312	↑P	Sn	16 29 57.2 0.0
OTUK	10.0nm,0.5s	5.81 312	↑P	Lg	16 30 24.1
KURBB	Kurchatov Arra 0.9nm,0.7s	6.08 358	↑P	Pn	16 28 55.6 +1.8
KURBB	2.2nm,0.6s	6.08 358	↑P	Pg	16 29 15.1 -4.6
KURBB	5.8nm,0.5s	6.08 358	↑P	Sn	16 30 05.7 +2.0
KURBB	41nm,0.7s	6.08 358	↑P	Lg	16 30 36.4
KURK	Kurchatov 0.9nm,0.8s	6.17 359	↑P	Sn	16 30 04.8 -1.1
KURK	43nm,1.0s	6.17 359	↑P	Lg	16 30 35.3
KK31	Karatas Array 0.3nm,0.3s,baz=0,slow=0.1,SNR=3.7	6.19 259	↑P	Pb	16 29 14.7 +3.1
KK31	1.7nm,0.3s,baz=70,slow=27,SNR=7.1	6.19 259	↑P	Lg	16 30 35.3
AB31	Abkulak array 0.1nm,0.3s,baz=101,slow=12,SNR=7.8	13.73 297	↑P	Pn	16 30 34.2 -4.4

AKAS	Kas	0.96 83	P	Pn	16 29 01.4 +0.2
AKAS	Yerkesik	1.02 354	eP	Sg	16 29 13.5 -0.1
YER	Yerkesik	1.02 354	eP	Pg	16 29 02.7 +0.6
YER	Yerkesik	1.02 354	eP	Pg	16 29 02.7 +0.6
NIS1	Nisyros isl.	1.12 296	eP	Pb	16 29 03.7 -0.2
NIS1	Nisyros isl.	1.12 296	eP	Pb	16 29 03.7 -0.2
KARP	Karpathos	1.18 241	P	Pn	16 29 06.2 +1.2
KARP	Karpathos	1.18 241	P	Sg	16 29 20.0 -0.4
KARP	515µm,0.1s	1.18 241	P	AML	16 29 21.6
KARP	530µm,0.2s	1.18 241	P	AML	16 29 22.2
KARP	Karpathos	1.18 241	P	Pg	16 29 06.2 +1.2
KARP	Karpathos	1.18 241	P	Sb	16 29 20.0 -0.4
BDRM	Kayabasi	1.23 320	S	Sb	16 29 19.8 -1.0
BDRM	Kayabasi	1.23 320	S	Sb	16 29 19.8 -1.0
BODT	Bodrum	1.30 317	eP	Pb	16 29 05.5 +0.2
BODT	Bodrum	1.30 317	eP	Pb	16 29 05.5 +0.2
ELL	Elmalı	1.35 62	eP	Pn	16 29 06.5 0.0
ELL	Elmalı	1.35 62	eP	Pn	16 29 06.5 0.0
GOLH	Golhisar	1.44 39	↑P	Pb	16 29 08.7 -0.1
GOLH	Golhisar	1.44 39	↑P	Sb	16 29 26.9 +0.5
GOLH	Tasuluk	1.60 344	↑P	Pn	16 29 26.9 +0.5
AYDN	Tasuluk	1.60 344	↑P	Sg	16 29 13.0 -0.1
AYDN	Tasuluk	1.60 344	↑P	Sn	16 29 31.1 +0.9
AYDN	Tasuluk	1.60 344	↑P	Pn	16 29 14.4 +0.6
AYDB	Zeytinokoy-Aydi	1.87 347	eP	Pn	16 29 14.4 +0.6
AYDB	Zeytinokoy-Aydi	1.87 347	eP	Pn	16 29 14.4 +0.6
ZKR	Zakros	2.06 242	P	Pb	16 29 19.4 +0.1
ZKR	Zakros	2.06 242	P	Sn	16 29 41.5 0.0
ZKR	154µm,0.7s	2.06 242	P	AML	16 29 55.9
ZKR	185µm,1.4s	2.06 242	P	AML	16 29 57.3
ZKR	Zakros	2.06 242	P	Pb	16 29 19.4 +0.1
ZKR	Zakros	2.06 242	P	Sn	16 29 41.5 0.0
KULA	Kula-Manisa	2.40 4	eP	Pn	16 29 22.5 +1.6
KULA	Kula-Manisa	2.40 4	eP	Pn	16 29 22.5 +1.6
NPS	Neapolis	2.44 250	P	Pn	16 29 23.0 +1.5
NPS	117µm,0.2s	2.44 250	P	AML	16 30 00.4
NPS	147µm,0.6s	2.44 250	P	AML	16 30 03.2
NPS	Neapolis	2.44 250	P	Pn	16 29 23.0 +1.5
LAST	Lasithi	2.58 249	P	Pb	16 29 25.4 -2.8
LAST	Lasithi	2.58 249	P	Pb	16 29 25.5 -2.8

ICD 01 16:43:54.2±5.23x265x178.80W,h0km,mb4,0/4, mb1 4.3/4,mb1mx3.8/23,mbtp4,0/4,Error ellipse: s-maj=169.2km s-min=68.1km az=138.0,South of Fiji Islands
ICD 01 16:43:54.2±5.23x265x178.80W,h0km,mb4,0/4, mb1 4.3/4,mb1mx3.8/23,mbtp4,0/4,Error ellipse: s-maj=169.2km s-min=68.1km az=138.0,South of Fiji Islands
ICD 01 16:59:09.4±3.6,37.02N,70.69E,h224km±46km,mb2,6, mpv3,6,Error ellipse: s-maj=34.4km s-min=25.3km az=22.0
ICD 01 16:59:08.8±2.9,37.0N,70.6E±0.1,h200km,m12, ±111/17,4C-5D,Hindu Kush region

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
STKA	Stephens Creek	35.98 247	Op	P	16 50 56.6	-0.4
ASAR	Alma Springs	43.23 260	P	P	16 51 57.0	-0.5
WRA	Warramunga Arr	43.55 265	P	P	16 52 00.3	+0.1
CMAR	Chiang Mai Arr	90.34 290	P	P	16 56 58.6	+0.8
HFS	Hafslor	142.13 350	PKP	PKPdf	17 03 25.7	-2.3

NNC 01 16:59:09.4±3.6,37.02N,70.69E,h224km±46km,mb2,6, mpv3,6,Error ellipse: s-maj=34.4km s-min=25.3km az=22.0
ISC 01 16:59:08.8±2.9,37.0N,70.6E±0.1,h200km,m12, ±111/17,4C-5D,Hindu Kush region

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
AML	Almayashu	5.68 24	Op	P	17 00 31.7	-0.5
MNAS	Manas	5.70 14	↑P	Pn	17 00 32.5	+0.3
MNAS	24nm,0.5s	5.70 14	↑P	Sn	17 01 39.7	+1.3
UCH	Uchter	6.06 29	P	Pn	17 00 36.4	-0.7
KK31	Karatay Array	6.13 359	↑P	Pn	17 00 38.0	+0.4
KK31	6.13µm,0.5s,baz=174,slow=12,SNR=55	6.13 359	↑P	S	17 01 48.3	+0.2
EKSZ	Erkin-Say	6.19 22	P	Pn	17 00 38.5	0.0
AAK	Ala-Archa	6.40 27	↑P	Pn	17 00 40.5	-0.8
AAK	11nm,0.6s	6.40 27	↑P	Sn	17 01 56.6	+2.0
AAK	Ala-Archa	6.40 27	↑P	Pn	17 00 41.2	-0.1
TKM2	Tokmak 2	7.07 31	↑P	Pn	17 00 49.5	-0.6
TKM2	1.9nm,0.3s	7.07 31	↑P	Sn	17 02 09.6	-0.9
TKM2	3.7nm,0.8s	7.07 31	↑P	Sn	17 00 49.3	-0.7
MK31	Makanchi Array	13.11 38	P	Pn	17 02 06.8	-0.7
AB31	Abkulak array	14.53 331	P	Pn	17 02 26.1	+1.1
AB31	0.6nm,0.6s,baz=164,slow=11,SNR=14	14.53 331	P	S	17 05 03.8	-2.5
AKTO	Aktuybinsk	16.22 330	↑P	P	17 02 45.0	+0.1

ICD 01 17:01:00.7±666.0,56°27'N-13°32'E,h0km,Error ellipse: s-maj=220.8km s-min=157.7km az=167.0,Sweden
ICD 01 17:01:00.7±666.0,56°27'N-13°32'E,h0km,Error ellipse: s-maj=220.8km s-min=157.7km az=167.0,Sweden
ICD 01 17:01:00.7±666.0,56°27'N-13°32'E,h0km,Error ellipse: s-maj=220.8km s-min=157.7km az=167.0,Sweden
ICD 01 17:01:00.7±666.0,56°27'N-13°32'E,h0km,Error ellipse: s-maj=220.8km s-min=157.7km az=167.0,Sweden

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
JAN	Janina	1.27 142	S	Pn	17 34 18.4	+0.3
JAN	Janina	1.27 142	S	Sb	17 34 19.9	+0.7
JAN	Janina	1.27 142	S	AML	17 34 31.0	
JAN	Janina	1.27 142	S	Pn	17 34 02.1	-0.5
JAN	Janina	1.27 142	S	Pb	17 34 20.5	+1.3
JAN	Janina	1.27 142	S	Pn	17 34 02.1	-0.5
JAN	Janina	1.27 142	S	Sb	17 34 19.9	+0.7
ULC	Ulcinj	1.38 341	↑P	Pg	17 34 04.3	+0.2
ULC	Ulcinj	1.38 341	↑P	Sg	17 34 23.8	+0.8
ULC	Ulcinj	1.38 341	↑P	Pb	17 34 04.3	+0.2
ULC	Ulcinj	1.38 341	↑P	Sg	17 34 23.8	+0.8
ULC	Ulcinj	1.38 341	↑P	Pb	17 34 04.3	+0.2
ULC	Ulcinj	1.38 341	↑P	Sg	17 34 23.8	+0.8
MEV	Metsovon	1.38 129	P	Pn	17 34 04.6	+0.3
MEV	Metsovon	1.38 129	P	Pn	17 34 03.9	-0.3
MEV	Metsovon	1.38 129	P	Pn	17 34 04.6	+0.3
KZN	Kozani	1.51 103	P	Pn	17 34 05.7	-0.3
KZN	Kozani	1.51 103	P	Sn	17 34 26.2	+0.3
KZN	Kozani	1.51 103	P	Sn	17 34 05.7	-0.3
KZN	Kozani	1.51 103	P	Sn	17 34 26.2	+0.3
MESG	Mesagne	1.52 268	Pn	Pn	17 34 06.6	+0.6
MESG	Mesagne	1.52 268	Pn	Pn	17 34 06.6	+0.6
DRME	Dracevica, Mon	1.60 342	↑P	Pg	17 34 08.1	+0.9
DRME	Dracevica, Mon	1.60 342	↑P	Sg	17 34 07.9	+0.7
DRME	Dracevica, Mon	1.60 342	↑P	Sb	17 34 18.0	+1.0
SKO	Skopje	1.78 42	P	Pn	17 34 11.1	+1.5
SKO	Skopje	1.78 42	P	Sb	17 34 34.6	+0.7
SKO	Skopje	1.78 42	P	Pn	17 34 11.1	+1.5
SKO	Skopje	1.78 42	P	Pn	17 34 11.1	+1.5
SKO	Skopje	1.78 42	P	Pn	17 34 11.1	+1.5

Table with columns: Station Name, Frequency, Band, Mode, Power, and other parameters. Includes stations like PLY, TAR, GRG, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, and other parameters. Includes stations like SMIA, CUC, SKIA, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, and other parameters. Includes stations like MOTA, GERES, DAVOX, etc.

YSS	Yuzh-Sakhalins	19.79 358	P	P	17 55 48.5 +0.5
NACB	Ninganchiao	19.98 266	eP	P	17 55 49.0 -1.2
YHNB	Yuheng	20.06 268	eP	P	17 55 50.5 -0.8
YULB	Yu-li	20.43 264	eP	P	17 55 55.1 -0.1
SSLB	Suangleung	20.64 266	eP	P	17 55 56.9 -0.5
MDJ	Mudanjiang	20.72 331	P	Pn	17 55 59.8 -0.8
MDJ	comp=Z,14nm,0.8s		pmax	pmax	
TWG	Pinlang	20.78 263	eP	P	17 56 00.1 +1.1
SNY	Shenyang	21.95 317	flP	P	17 56 11.1 -0.2
NJ2	Nanjing	21.98 289	eP	P	17 56 12.2 +0.5
CN2	Changchun	22.13 323	eP	P	17 56 13.7 +0.5
HABR	Khabarovsk	22.30 345	eP	P	17 56 13.6 -1.4
HABR	ePP		ePP		17 56 16.3 -8.0
HABR	ePPP		ePPP		17 56 44.2
HABR	eS		eS		18 00 08.4
HABR	eSS		eSS		18 00 20.5 +2.4
HABR	eSSn		eSSn		18 00 49.5 +2.4
HABR	e		e		18 07 30.8
HABR	comp=Z,38nm,1.5s		pmax	pmax	
HABR	comp=Z,124nm,17.0s		MLR	MLR	
TYV	Tymovskoe	23.70 359	eP	P	17 56 36.8 +7.5
TIA	Tai'an	24.15 299	flP	P	17 56 31.9 -1.8
DAV	Davao City (W)	26.23 224	LR	LR	18 05 35.2
PETK	Petrovsk	28.01 18	LR	LR	18 06 34.5
PET	Petrovsk	28.22 19	P	P	17 57 10.8 +0.7
PET	Petrovsk	28.22 19	P	P	17 57 10.8 +0.7
HHC	Hu-ho-hao-te	29.63 306	eP	Pn	17 57 22.2 -0.8
HHC	ePP		ePP		17 58 14.5 -4.1
HHC	eS		eS		18 02 17.6 +1.4
HHC	comp=Z,11nm,0.9s		pmax	pmax	
HHC	comp=Z,110nm,5.0s		LR	LR	
HHC	comp=Z,240nm,12.4s		LR	LR	
HHC	comp=Z,280nm,12.8s		LR	LR	
SIJI	Sorong	30.23 205	P	P	17 57 28.4 0.0
SIJI	Sorong	30.23 205	P	P	17 57 27.4 -1.0
XAN	Xi'an	30.46 292	eP	P	17 57 28.2 -2.2
XAN	comp=Z,9.0nm,1.2s		pmax	pmax	17 57 38.5 -1.9
QIZ	Qiongzhu	31.93 263	P	P	17 57 43.8 +0.4
QIZ	eS		eS		18 02 55.9 +3.5
MYLDM	Lahad Datu	32.33 232	eP	P	17 57 47.1 +0.3
GYA	Guliyang	32.83 277	P	P	17 57 51.0 -0.3
GYA	eS		eS		18 03 07.4 +0.9
GYA	eScP		eScP		18 04 20.0 +2.8
GYA	eSSn		eSSn		18 05 03.5 -0.9
GYA	comp=Z,10.0nm,1.0s		pmax	pmax	
GYA	comp=Z,110nm,5.0s		LR	LR	
GYA	comp=Z,480nm,17.6s		LR	LR	
GYA	comp=Z,460nm,17.2s		LR	LR	
SANI	Sanana	33.58 213	P	P	17 57 57.7 0.0
KRAI	Karang Ratu	33.61 208	P	P	17 57 59.3 +1.3
AAI	Ambon	34.03 208	P	P	17 58 02.1 +0.5
LZH	Lanzhou	34.75 295	eP	P	17 58 07.3 -0.7
LZH	ePP		ePP		17 58 11.9 -6.2
LZH	eS		eS		17 58 14.5 -7.8
LZH	comp=Z,15nm,1.2s		pmax	pmax	
LZH	comp=Z,130nm,4.4s		pmax	pmax	
CD2	Chengdu	34.84 286	P	Pn	17 58 07.1 -1.6
CD2	ePP		ePP		17 59 25.7 +0.1
CD2	ePcP		ePcP		18 00 39.8 -1.6
CD2	eS		eS		18 03 38.2 +0.8
CD2	eSS		eSS		18 03 43.5 -1.1
CD2	comp=Z,70nm,0.9s		pmax	pmax	
CD2	comp=Z,150nm,5.1s		LR	LR	
CD2	comp=Z,270nm,7.1s		LR	LR	
ULN	Ulaanbaatar	35.11 316	P	P	17 58 11.4 +0.4
ULN	Ulaanbaatar	35.11 316	eP	P	17 58 10.9 0.0
ULN	Ulaanbaatar	35.11 316	flP	pmax	17 58 11.6 +0.6
SONA	Songino Array	35.51 316	eP	P	17 58 14.1 -0.3
SONM	Songino Array	35.51 316	eP	P	17 58 14.4 0.0
SONM	comp=Z,1.7nm,0.8s,baz=124,slow=8.9,SNR=11		PcP	PcP	18 00 43.9 +0.8
SONM	comp=Z,0.9nm,1.0s,baz=122,slow=1.9,SNR=3.6		LR	LR	18 13 36.1
YAK	Yakutsk	36.09 349	P	P	17 58 18.4 -0.6
YAK	Yakutsk	36.09 349	P	P	17 58 18.4 -0.6
SEY	Seymchan	36.27 7	P	P	17 58 20.9 +0.4
SEY	Seymchan	36.27 7	eP	P	17 58 21.9 +1.4
SLVN	Son La	36.47 270	eP	P	17 58 22.0 -0.8
KMI	Kunming	36.55 276	P	P	17 58 23.2 -0.4
KMI	eP		eP		17 58 29.7 +4.1
KMI	eS		eS		17 58 33.2 -4.8
KMI	eSS		eSS		18 04 03.0 -1.1
KMI	comp=Z,17nm,1.0s		pmax	pmax	
BOD	Bodaibo	37.03 334	eP	P	17 58 25.5 -1.5
GTA	Gaotai	38.19 300	P	P	17 58 35.5 -1.7
GTA	eP		eP		17 58 40.6 -6.8
GTA	eS		eS		17 58 43.8 -7.8
GTA	eSc		eSc		18 04 27.7 -0.8
GTA	comp=Z,5.0nm,1.4s		pmax	pmax	18 04 37.5 +1.0
GTA	comp=Z,110nm,4.3s		LR	LR	
GTA	comp=Z,150nm,15.7s		LR	LR	
GTA	comp=Z,140nm,16.2s		LR	LR	
GTA	comp=Z,200nm,16.2s		LR	LR	
NONG	Nongkai	38.21 265	P	P	17 58 38.0 +0.5
ZAK	Zakamensk	38.37 318	eP	P	17 58 39.0 +0.4
ZAK	comp=Z,11nm,1.3s		pmax	pmax	
TLY	Talaya	38.66 320	eP	P	17 58 41.8 +0.9

TLY	Talaya	38.66 320	eP	P	17 58 42.4 +1.5
CHAI	Chaiyaburi	40.05 262	P	P	17 58 52.6 -0.3
LOEI	Loei	40.08 265	P	P	17 58 49.9 -3.2
UTTA	Uttarakhand	40.62 266	P	P	17 58 57.5 -0.1
PHRA	Phrae	40.65 267	P	P	17 58 57.9 +0.1
PBKT	Sadao Pong	40.69 264	P	P	17 58 58.3 +0.1
PBKT	Sadao Pong	40.69 264	P	P	17 58 58.4 +0.2
SRAK	Srakaew	40.77 260	P	P	17 58 55.0 -3.9
COEN	Coen	40.85 181	eP	P	17 58 58.3 -1.0
SOEI	Soe	41.15 210	eP	P	17 59 00.2 -1.9
CMAI	Chiengmai2	41.23 270	P	P	17 59 03.9 +1.1
MTN	Manton Dam	41.52 198	eP	P	17 59 03.6 -1.3
CHTO	Chiang Mai	41.69 268	P	P	17 59 06.0 -0.4
CHTO	Chiang Mai	41.69 268	P	P	17 59 05.7 -0.7
CHTO	Chiang Mai	41.69 268	eP	P	17 59 05.6 -0.7
CHTO	Chiang Mai	41.69 268	eP	pmax	17 59 05.6 -0.7
CM01	Chiang Mai Arr	41.81 268	eP	P	17 59 05.7 -1.7
CM01	Chiang Mai Arr	41.81 268	eP	P	17 59 06.9 -0.5
CMAR	Chiang Mai Arr	41.81 268	P	P	17 59 06.8 -0.5
CMAR	comp=Z,4.1nm,0.9s,baz=56,slow=8.5,SNR=28		LR	LR	18 17 17.2
UTHA	Uthaitan	42.43 263	P	P	17 59 12.9 +0.4
MHMT	Maesarieng	42.1 268	P	P	17 59 15.8 +0.3
SRDT	SRDT	43.20 262	P	P	17 59 19.4 +0.7
SRDT	SRDT	43.20 262	P	P	17 59 19.0 +0.3
PHET	Kaeng Krachan	43.36 260	P	P	17 59 21.1 +1.1
KHLT	KhaoIaem Dam	43.49 263	P	P	17 59 23.4 +2.4
TIXI	Tiksi	45.30 354	eP	P	17 59 34.6 -0.1
TIXI	Tiksi	45.30 354	flP	pmax	17 59 35.0 +0.3
JAGI	Jagaj, Banyuwa	45.41 223	eP	P	17 59 33.0 -3.4
SHL	Shillong	46.02 280	eP	P	17 59 41.0 -0.4
KULM	Kulim	46.21 250	eP	P	17 59 41.8 -1.0
WRAB	Tennant Creek	47.62 192	eP	P	17 59 52.6 -1.0
WRAB	Tennant Creek	47.62 192	flP	pmax	17 59 53.1 -0.5
WRAB	comp=Z,196nm,2.5s		LR	LR	17 59 52.2 -1.5
WRB	Warramunga Arr	47.63 192	eP	P	17 59 53.2 -0.5
WRA	Warramunga Arr	47.63 192	eP	P	17 59 53.2 -0.5
LEM	Lembang	48.45 231	P	P	18 00 04.6 +4.3
CISI	Cisibaru, Garu	48.83 230	eP	P	17 59 58.6 -4.5
TNA	Tin City	48.86 24	eP	P	18 00 03.1 +0.5
PSI	Prapat	49.01 248	eP	P	18 00 03.9 -0.7
PSI	Prapat	49.01 248	eP	pmax	18 00 03.9 -0.7
TAPN	Taplejung	49.24 284	eP	P	18 00 06.0 -0.5
ODAN	Odare	49.64 283	eP	P	18 00 09.1 -0.3
ZAAO	Zalesovo Array	50.24 319	eP	P	18 00 13.0 -0.2
ZALV	Zalesovo Beam	50.24 319	P	P	18 00 14.2 +0.9
ZALV	Zalesovo Beam	50.24 319	flP	pmax	18 00 14.1 +0.8
RAMN	Ramite	50.30 284	eP	P	18 00 14.0 -0.5
JIRN	Jiri	50.49 285	eP	P	18 00 16.1 +0.1
GUN	Gumba	50.70 285	eP	P	18 00 17.5 -0.1
GSI	Gunungstigi	50.96 248	eP	P	18 00 18.1 -1.2
KKN	Kakan	51.24 285	eP	P	18 00 21.0 -0.5
ASAR	Alice Springs	51.35 191	P	P	18 00 21.4 -0.6
MK01	Makanchi Array	51.36 310	eP	P	18 00 21.6 -0.3
MK01	Makanchi Array	51.36 310	eP	P	18 00 21.7 -0.7
MK01	Makanchi Array	51.36 310	eP	P	18 00 21.2 -0.7
MKAR	Makanchi Array	51.36 310	P	P	18 00 22.1 +0.2
MKAR	comp=Z,2.5nm,0.8s,baz=91,slow=8.8,SNR=21		LR	LR	18 23 46.0
MKAR	comp=Z,3.7nm,18.2s,baz=293,slow=38		LR	LR	18 20 21.0 -1.0
DMN	Daman	51.43 285	eP	P	18 00 22.5 -0.5
DANN	Dangising	52.41 286	eP	P	18 00 30.3 -0.1
KOLN	Koldanda	52.69 285	eP	P	18 00 31.8 -0.5
NRIK	Noril'sk	53.05 338	P	P	18 00 33.2 -0.8
PKYU	Piuthan	53.13 286	P	P	18 00 35.3 -0.3
PDAN	Kodiak Island	53.62 37	P	P	18 00 38.0 -0.4
KDAA	Kodiak Island	53.62 37	flP	P	18 00 38.7 +0.3
DZM	Mont Dzumac	53.71 153	P	P	18 00 39.8 +0.2
KURK	Kurchatov	53.80 314	eP	P	18 00 39.2 -0.6
KURK	Kurchatov	53.80 314	eP	pmax	18 00 39.2 -0.6
COLD	Coldfoot	56.12 25	eP	P	18 00 57.2 +0.8
SML	Sawmill	56.17 32	P	P	18 00 57.4 +0.5
SML	Sawmill	56.17 32	P	pmax	18 00 57.4 +0.5
TKM2	Tokmak 2	56.36 305	eP	P	18 00 58.8 0.0
TKM2	Tokmak 2	56.36 305	eP	pmax	18 00 58.8 0.0
KSH	Kashi	56.57 301	eP	P	18 01 03.7 +3.5
KSH	Kashi	56.57 301	eP	P	18 01 08.4 -2.4
KSH	Kashi	56.57 301	eP	P	18 01 10.4 -4.5
KSH	Kashi	56.57 301	eP	P	18 02 00.3 +3.8
KSH	Kashi	56.57 301	eP	P	18 03 10.3 +4.2
KSH	Kashi	56.57 301	eP	P	18 06 54.0 +4.2
KSH	Kashi	56.57 301	eP	P	18 09 01.5 -5.7
KSH	Kashi	56.57 301	eP	P	18 10 48.3 +1.3
KSH	Kashi	56.57 301	eP	P	18 12 42.4 +5.1
KSH	comp=Z,2.0nm,0.7s		LR	LR	
KSH	comp=Z,120nm,6.8s		LR	LR	
KSH	comp=Z,90nm,6.4s		LR	LR	
HDA	Harding Lake	57.05 29	eP	P	18 01 01.1 -1.9
ILAR	Eielson Array	57.11 29	P	P	18 01 02.5 -1.0
ILAR	comp=Z,1.9nm,0.9s,baz=270,slow=5.8,SNR=13		LR	LR	18 22 12.5
IL1	Eielson Array	57.11 29	eP	P	18 01 02.6 -0.8
AAK	Ala-Archa	57.20 305	eP	P	18 01 04.5 -0.3
AAK	Ala-Archa	57.20 305	eP	P	18 01 05.0 +3.3

AAK	Ala-Archa	57.20 305	eP	pmax	18 01 05.0 +3.3
EKS2	Erkin-Say	57.73 305	eP	P	18 01 08.3 0.0
EKS2	Erkin-Say	57.73 305	eP	P	18 01 08.3 0.0
STKA	Stephens Creek	58.71 182	P	P	18 01 13.8 -1.2
BRVK	Borovoye	58.88 318	eP	pmax	18 01 16.4 +0.4
BRVK	Borovoye	58.88 318	flP	P	18 01 16.2 +0.2
KKAR	Karatay Array	60.02 306	eP	P	18 01 24.5 +0.4
KKAR	Karatay Array	60.02 306	eP	P	18 01 24.5 +0.4
INK	Inuvik	62.50 25	P	P	18 01 40.0 -0.4
KBL	Kabul	63.06 297	eP	P	18 01 44.9 -0.1
KBL	Kabul	63.06 297	eP	pmax	18 01 44.9 -0.1
SVE	Sverdlovsk	63.91 323	eP	P	18 01 50.9 +0.9
NWAO	Narogin (SRO)	64.75 204	P	P	18 01 55.5 -0.1
NWAO	Narogin (SRO)	64.75 204	eP	P	18 01 55.0 -0.6

Table with columns: Code, Station Name, Az, El, P, S, Az, El, P, S, Az, El, P, S. Includes stations like Sunshine Ranch, Rochford, Casper, etc.

Table with columns: URLA, Az, El, P, S, Az, El, P, S, Az, El, P, S. Includes stations like Izmir, Bodrum, Bodrum, etc.

Table with columns: Code, Station Name, Az, El, P, S, Az, El, P, S, Az, El, P, S. Includes stations like SUJI, FITZ, FITZ, WRA, ASAR, STKA, etc.

ISCJB 01 19:39:49.0±1.0, 36:85N±0.07±27.72E±0.07, h11km, 9km, Error ellipse: s-maj=1.2km s-min=7.5km az=31.7

Table with columns: Code, Station Name, Az, El, P, S, Az, El, P, S, Az, El, P, S. Includes stations like BDRM, BDRM, BDRM, etc.

IDC 01 19:52:22.4±1.0, 38:50N±21.79E, h0km, mb3.7/10, mb1.3/7.13, mb1mx3.6/55, mbtmp3.6/13, ML3.4/3, Error ellipse: s-maj=20.1km s-min=17.9km az=45.0

Table with columns: Code, Station Name, Az, El, P, S, Az, El, P, S, Az, El, P, S. Includes stations like EFP, EFP, EFP, etc.

ISC 01 19:52:23.0±2.0, 38:41N±0.01±21.77E±0.02, h11km, 2km, mb3.7/9, Error ellipse: s-maj=2.6km s-min=2.1km az=142.5

Table with columns: Code, Station Name, Az, El, P, S, Az, El, P, S, Az, El, P, S. Includes stations like EFP, EFP, EFP, etc.

CSEM 01 19:52:23.0±1.0, 38:38N±21.80E, h2km, ML3.3, Error ellipse: s-maj=2.8km s-min=2.2km az=56.0

Table with columns: Code, Station Name, Az, El, P, S, Az, El, P, S, Az, El, P, S. Includes stations like EFP, EFP, EFP, etc.

THE 01 19:52:23.0±1.0, 38:38N±21.79E, h0km, 1km, ML3.5/7, Error ellipse: s-maj=1.3km s-min=0.3km az=37.0

Table with columns: Code, Station Name, Az, El, P, S, Az, El, P, S, Az, El, P, S. Includes stations like EFP, EFP, EFP, etc.

ATH 01 19:52:23.1, 38:39N±21.80E, h16km, 1km, ML3.3/9, Error ellipse: s-maj=1.2km s-min=0.7km az=195.0

Table with columns: Code, Station Name, Az, El, P, S, Az, El, P, S, Az, El, P, S. Includes stations like EFP, EFP, EFP, etc.

ISC 01 19:52:23.4±0.7, 38:39N±0.01±21.79E±0.01, h10km, 4km, n197, ±0.92/248, mb3.9/20C-3D, Greece

Table with columns: Code, Station Name, Az, El, P, S, Az, El, P, S, Az, El, P, S. Includes stations like EFP, EFP, EFP, etc.

KUR	40nm,0.4s	A	A	22 50 32.8					
KUR	Kuril'sk	4.25 268c	i/PN	Pn	22 49 33.8	+1.4			
KUR	comp=N,61nm,0.1s		s	Sn	22 50 19.4	-1.6			
KUR	comp=E,17nm,0.1s		pmax	pmax					
KUR	comp=Z,73nm,0.1s		pmax	pmax					
KUR	comp=N,43nm,0.4s		smax	smax					
KUR	comp=E,109nm,0.4s		smax	smax					
SHO	Shikotan	5.29 254	i/P	Pn	22 49 48.9	+2.4			
SHO	comp=E,30nm,0.5s		AMB	AMB	22 49 50.2				
SHO	comp=E,50nm,0.5s		i/S	Sn	22 50 45.9	-0.3			
SHO	comp=E,40nm,0.6s		A	A	22 50 48.2				
SHO	comp=E,70nm,0.6s		A	A	22 50 48.2				
SHO	Shikotan	5.29 254	i/PN	Pn	22 49 48.9	+2.4			
SHO	comp=Z,45nm,0.5s		pmax	pmax	22 50 45.9	-0.3			
SHO	comp=N,27nm,0.4s		smax	smax					
SHO	comp=E,67nm,0.5s		smax	smax					
SHO	comp=N,36nm,0.7s		smax	smax					
SKR	Severo-Kuril's	5.39 15	eP	Pn	22 49 53.1	+5.4			
SKR	comp=N,50nm,0.7s		AMB	AMB	22 49 53.8				
SKR	Severo-Kuril's	5.39 15	ePN	Pn	22 49 50.6	+2.9			
SKR	comp=Z,50nm,0.7s		pmax	pmax					
YUK	Yuzh-Kuril'sk	5.90 258	eP	Pn	22 49 57.1	+2.3			
YUK	comp=Z,70nm,0.3s		eS	Sn	22 50 59.7	-1.3			
YUK	comp=Z,40nm,0.3s		A	A	22 51 03.2				
YUK	Yuzh-Kuril'sk	5.90 258	eP	Pn	22 49 54.4	-0.4			
NEM2	Memuro 2	6.21 253	eS	Sn	22 50 01.5	+2.5			
JNK	Nakash	6.83 257	eP	Pn	22 50 10.1	+2.7			
JAK	Akeshi	7.06 252	eP	Pn	22 50 12.5	+2.0			
JAK	Ashorobuto	7.58 257	eS	Sn	22 51 28.4	-0.8			
JAR	Onbets	7.68 254	eP	Pn	22 51 42.4	+0.6			
JOB	Yuzh-Sakhalins	7.86 285	eP	Pn	22 50 23.4	+2.1			
JOB	Yuzh-Sakhalins	7.86 285	ePN	Pn	22 50 23.4	+2.1			
HRK	Hokoka	8.00 17	LR	LR	22 50 54.0	+2.6			
PETK	Petrovsk	8.00 17	LR	LR	22 52 47.1				
KKR	Kamakawa 2	8.11 262	eP	Pn	22 50 27.0	+2.2			
JCH	Churai	8.12 253	eP	Pn	22 51 54.0	+0.5			
JKA	Kamikawa-asahi	8.15 264	eP	Pn	22 50 27.5	+2.2			
ASAJ	Asahikawa	8.15 264	eP	Pn	22 50 27.4	+2.1			
ASAJ	Asahikawa	8.15 264	pmax	pmax	22 50 27.5	+2.1			
MYR	Moyori	8.31 251	eP	Pn	22 50 30.3	+2.8			
MYR	comp=Z,1.0nm,0.3s		eS	Sn	22 51 58.6	-0.9			
JNBK	Urakawa-nobuka	8.67 252	eP	Pn	22 50 34.3	+2.0			
JBT2	Birator 2	8.73 256	eP	Pn	22 50 26.1	+2.2			
TYV	Tymovskoe	9.22 310	eP	Pn	22 50 35.6	+2.4			
TYV	Tymovskoe	9.22 310	ePN	Pn	22 50 42.3	+2.5			
JKB	Kayabe	9.99 253	eP	Pn	22 50 51.9	+1.6			
JYM2	Yakumo 2	10.34 256	eP	Pn	22 50 56.3	+1.9			
JANG	Nango	10.42 259	eS	Sn	22 50 58.1	+1.9			
JANG	comp=Z,0.6nm,0.9s,baz=310,slow=8.2,SNR=4.6		eS	Sn	22 52 48.6	-2.4			
KSR5	Korea Array	20.99 257	eP	Pn	22 53 10.7	+2.2			
KSR5	Korea Array	20.99 257	eP	Pn	22 53 10.7	+2.1			
ILAR	Eielson Array	37.19 38	eP	Pn	22 55 47.2	+1.6			
ILAR	comp=Z,0.2nm,0.4s,baz=263,slow=8.9,SNR=4.9		eP	Pn	22 55 47.2	+1.6			
ILAR	Eielson Array	37.19 38	eP	Pn	22 55 47.2	+1.6			
ILAR	comp=Z,0.2nm,0.4s,baz=263,slow=8.9,SNR=4.9		eP	Pn	22 55 47.2	+1.6			
INUK	Inuvik	42.42 32	eP	Pn	22 56 28.2	+1.4			
INUK	comp=Z,0.6nm,0.9s,baz=310,slow=8.2,SNR=4.6		eP	Pn	22 56 28.2	+1.4			
INUK	Inuvik	42.42 32	eP	Pn	22 56 28.2	+1.4			
INUK	comp=Z,0.6nm,0.9s,baz=310,slow=8.2,SNR=4.6		eP	Pn	22 56 28.2	+1.4			
MKAR	Makanchi Array	48.00 299	P	P	22 56 51.4	-7.1			
YKA	Yellowknife Ar	51.60 36	P	P	22 57 41.7	+1.6			
YKA	comp=Z,0.3nm,0.5s,baz=297,slow=7.3,SNR=4.4		P	P	22 57 41.7	+1.6			
YKA	Yellowknife Ar	51.60 36	eP	Pn	22 57 41.7	+1.6			
YKA	Yellowknife Ar	51.60 36	eP	Pn	22 57 41.7	+1.6			
CMAR	Chiang Mai Arr	52.62 258	P	P	22 57 41.4	+7.7			
CMAR	comp=Z,0.3nm,0.3s,baz=44,slow=8.0,SNR=2.9		P	P	22 57 41.4	+7.7			
CMAR	Chiang Mai Arr	52.62 258	eP	Pn	22 57 41.4	+7.7			
CMAR	comp=Z,0.3nm,0.3s,baz=44,slow=8.0,SNR=2.9		eP	Pn	22 57 41.4	+7.7			
FINES	FINES Array B	65.39 335	P	P	22 58 59.3	-1.9			
FINES	comp=Z,0.6nm,0.4s,baz=33,slow=7.3,SNR=6.5		pmax	pmax	22 58 59.3	-1.9			
FINES	FINES Array B	65.39 335	P	P	22 58 59.3	-1.9			
FINES	comp=Z,0.6nm,0.4s,baz=33,slow=7.3,SNR=6.5		pmax	pmax	22 58 59.3	-1.9			
HFS	Hagfors	69.81 340	P	P	22 59 28.6	-0.4			
HFS	comp=Z,1.0nm,0.4s		pmax	pmax	22 59 28.6	-0.4			
HFS	Hagfors	69.81 340	P	P	22 59 28.6	-0.4			
HFS	comp=Z,1.0nm,0.4s		pmax	pmax	22 59 28.6	-0.4			
AKASG	Malin Array Be	72.88 327	P	P	22 59 46.5	-1.1			
AKASG	comp=Z,0.6nm,0.3s,baz=35,slow=6.4,SNR=3.6		pmax	pmax	22 59 46.5	-1.1			
AKASG	Malin Array Be	72.88 327	P	P	22 59 46.5	-1.1			
AKASG	comp=Z,0.6nm,0.3s,baz=35,slow=6.4,SNR=3.6		pmax	pmax	22 59 46.5	-1.1			

PAIG	3984µm,0.4s	AML	AML	23 00 26.4					
PAIG	6822µm,0.5s	AML	AML	23 00 29.6					
PAIG	Paliouri	0.41 21	P	P	23 00 16.7	+0.2			
PAIG	Paliouri	0.41 21	S	Sb	23 00 23.1	-0.2			
PAIG	Paliouri	0.41 21	P	P	23 00 16.7	+0.2			
PAIG	Paliouri	0.41 21	S	Sb	23 00 23.1	-0.2			
FYTO	Fytoko, Volos	0.45 253	P	P	23 00 18.8	-0.2			
FYTO	Fytoko, Volos	0.45 253	P	P	23 00 16.8	-0.2			
AOS	Alonnissos	0.48 140	P	P	23 01 17.8	+0.1			
AOS	Alonnissos	0.48 140	S	Sb	23 00 24.9	-0.2			
AOS	Alonnissos	0.48 140	S	Sb	23 00 25.6				
AOS	Alonnissos	0.48 140	S	Sb	23 00 25.6				
AOS	Alonnissos	0.48 140	P	P	23 00 33.5				
AOS	Alonnissos	0.48 140	P	P	23 00 17.8	+0.1			
AOS	Alonnissos	0.48 140	P	P	23 00 24.9	-0.2			
AOS	Alonnissos	0.48 140	S	Sb	23 00 25.6				
AOS	Alonnissos	0.48 140	S	Sb	23 00 25.6				
SMIA	Simia	0.70 198	P	P	23 00 21.9	+0.1			
SMIA	Simia	0.70 198	S	Sb	23 00 21.9	+0.1			
SMIA	Simia	0.70 198	P	P	23 00 21.9	+0.1			
SMIA	Simia	0.70 198	S	Sb	23 00 21.9	+0.1			
SMIA	Simia	0.70 198	P	P	23 00 21.9	+0.1			
SMIA	Simia	0.70 198	S	Sb	23 00 21.9	+0.1			
SMIA	Simia	0.70 198	P	P	23 00 21.9	+0.1			
SMIA	Simia	0.70 198	S	Sb	23 00 21.9	+0.1			
SMIA	Simia	0.70 198	P	P	23 00 21.9	+0.1			
SMIA	Simia	0.70 198	S	Sb	23 00 21.9	+0.1			
SMIA	Simia	0.70 198	P	P	23 00 21.9	+0.1			
SMIA	Simia	0.70 198	S	Sb	23 00 21.9	+0.1			
SMIA	Simia	0.70 198	P	P	23 00 21.9	+0.1			
SMIA	Simia	0.70 198	S	Sb	23 00 21.9	+0.1			
SMIA	Simia	0.70 198	P	P	23 00 21.9	+0.1			
SMIA	Simia	0.70 198	S	Sb	23 00 21.9	+0.1			
SMIA	Simia	0.70 198	P	P	23 00 21.9	+0.1			
SMIA	Simia	0.70 198	S	Sb	23 00 21.9	+0.1			
SMIA	Simia	0.70 198	P	P	23 00 21.9	+0.1			
SMIA	Simia	0.70 198	S	Sb	23 00 21.9	+0.1			
SMIA	Simia	0.70 198	P	P	23 00 21.9	+0.1			
SMIA	Simia	0.70 198	S	Sb	23 00 21.9	+0.1			
SMIA	Simia	0.70 198	P	P	23 00 21.9	+0.1			
SMIA	Simia	0.70 198	S	Sb	23 00 21.9	+0.1			
SMIA	Simia	0.70 198	P	P	23 00 21.9	+0.1			
SMIA	Simia	0.70 198	S	Sb	23 00 21.9	+0.1			
SMIA	Simia	0.70 198	P	P	23 00 21.9	+0.1			
SMIA	Simia	0.70 198	S	Sb	23 00 21.9	+0.1			
SMIA	Simia	0.70 198	P	P	23 00 21.9	+0.1			
SMIA	Simia	0.70 198	S	Sb	23 00 21.9	+0.1			
SMIA	Simia	0.70 198	P	P	23 00 21.9	+0.1			
SMIA	Simia	0.70 198	S	Sb	23 00 21.9	+0.1			
SMIA	Simia	0.70 198	P	P	23 00 21.9	+0.1			
SMIA	Simia	0.70 198	S	Sb	23 00 21.9	+0.1			
SMIA	Simia	0.70 198	P	P	23 00 21.9	+0.1			
SMIA	Simia	0.70 198	S	Sb	23 00 21.9	+0.1			
SMIA	Simia	0.70 198	P	P	23 00 21.9	+0.1			
SMIA	Simia	0.70 198	S	Sb	23 00 21.9	+0.1			
SMIA	Simia	0.70 198	P	P	23 00 21.9	+0.1			
SMIA	Simia	0.70 198	S	Sb	23 00 21.9	+0.1			
SMIA	Simia	0.70 198	P	P	23 00 21.9	+0.1			
SMIA	Simia	0.70 198	S	Sb	23 00 21.9	+0.1			
SMIA	Simia	0.70 198	P	P	23 00 21.9	+0.1			
SMIA	Simia	0.70 198	S	Sb	23 00 21.9	+0.1			
SMIA	Simia	0.70 198	P	P	23 00 21.9	+0.1			
SMIA	Simia	0.70 198	S	Sb	23 00 21.9	+0.1			
SMIA	Simia	0.70 198	P	P	23 00 21.9	+0.1			
SMIA	Simia	0.70 198	S	Sb	23 00 21.9	+0.1			
SMIA	Simia	0.70 198	P	P	23 00 21.9	+0.1			
SMIA	Simia	0.70 198	S	Sb	23 00 21.9	+0.1			
SMIA	Simia	0.70 198	P	P	23 00 21.9	+0.1			
SMIA	Simia	0.70 198	S	Sb	23 00 21.9	+0.1			
SMIA	Simia	0.70 198	P	P	23 00 21.9	+0.1			
SMIA	Simia	0.70 198	S	Sb	23 00 21.9	+0.1			
SMIA	Simia	0.70 198	P	P	23 00 21.9	+0.1			
SMIA	Simia	0.70 198	S	Sb	23 00 21.9	+0.1			
SMIA	Simia	0.70 198	P	P	23 00 21.9				

2d 0h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like Minye Minye, IPOC Station P, Limon Verde, etc.

IDC 01 23:51:11.3.1.1, 01:69S:74:64W, h0km, mb3.7/5, mb1.3/9.10, mb1mx3.7/33, mbtp3.8/10, ML3.5/5, MS2.7/1, Ms1.2.9/1, ms1mx2.7/26, Error ellipse: s-maj=26.1km s-min=24.0km az=36.0

ISC/JB 01 23:51:14.6.0.6, 01:82S:07:48:59W, 0.06, h33km, mb3.6/5, Error ellipse: s-maj=12.1km s-min=7.9km az=166.9

ISC 01 23:51:16.2.0.8, 10:8S:01:74:64W, 0.09, h35km, n12, c05B/12, mb3.6/5, Central Peru

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like NNA, ANAH, ATAH, LPAZ, etc.

GEN 01 23:56:57.8, 46:01N:6:92E, h1km, ML0.6, CSEM 01 23:56:57.5, 0.1, 46:02N:6:87E, h5km, ML1.1, Error ellipse: s-maj=4.3km s-min=1.5km az=84.0

ZUR 01 23:56:58.1, 46:04N:6:89E, h3km, 1.0km, ML1.1/4, 8C-2D, Switzerland

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

PRU 02 00:13:10.6, 50:28N:18:88E, h0km CSEM 02 00:13:10.1, 0.4, 50:31N:18:87E, h2km, Error ellipse: s-maj=10.7km s-min=4.3km az=179.0, Poland

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

2011 FEB

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

CSEM 02 00:27:17.2.0.7, 67:81N:20:50E, h1km, ML1.2, Error ellipse: s-maj=19.3km s-min=14.7km az=169.0, Mining explosion, Sweden

UPP 02 00:27:19.0, 67:80N:20:21E, h0km, ML1.2, Mining explosion, Sweden

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

ISC/JB 02 00:35:09.0.4.58, 52S:01:09:26W, 0.1, h107km, mb4.5/16, Error ellipse: s-maj=12.7km s-min=10.2km az=18.9

NEIC 02 00:35:05.5.1.7, 58S:26:21W, h137km, 9km, mb4.8/14, Error ellipse: s-maj=20.3km s-min=7.5km az=195.0

IDC 02 00:37:07.9.6.5, 51S:26:24W, h159km, 59km, mb3.9/9, mb1.4/0.10, mb1mx3.9/16, mbtp4.4/10, Error ellipse: s-maj=19.3km s-min=17.1km az=111.0

ISC 02 00:35:02.5.0.5, 58.6S:01:26:20W, 0.09, h107km, n29, c15B/34, mb4.5/16, South Sandwich Islands region

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

BUI 02 00:38:16.6, 55:20N:161:10W, h31km, mb5.7/87, mb6.1/65, Ms5.9/94, Ms7.5/87

NEIC 02 00:38:17.0.0.4, 54:98N:160:43W, h35km, Moment Tensor Solution, s66 Moment tensor: Scale 1017Nm; Mn:6.51; Mw:5.50; Ms:1.01; Mz:5.43; Mw:3.38; Mw:4.11; Best double couple: Mo:7.0000; 1017 NP1:55.0000; 0.667, 0.0000; 1.84, 0.0000; NP2:249.0000; 823.0000; 1.03, 0.0000; Principal axes: T 9.4000, Plg67.0000; Azm315.0000; N 0.7000, Plg5.0000; Azm57.0000; P -10.1000, Plg22.0000; Azm150.0000;

MOS 02 00:38:17.1.1.1, 55:15N:160:47W, h47km, mb6.2/128, MS5.8/73, Error ellipse: s-maj=6.6km s-min=4.9km az=69.5

NEIC 02 00:38:17.8.0.1, 54:97N:160:47W, h35km, mb5.9/297, ME6.0, MS5.6/103, MW5.8, MW5.9, ML5.8(AEIC), Error ellipse: s-maj=2.8km s-min=1.9km az=174.0, Moment Tensor Solution, s44 Moment tensor: Scale 1017Nm; Mn:3.55; Mw:3.66; Ms:0.10; Mz:2.98; Mw:2.84; Mw:1.09; Best double couple: Ms:6.0000; 1017 NP1:231.0000; 0.28, 0.0000; 1.74, 0.0000; NP2:69.0000; 863.0000; 1.98, 0.0000; Principal axes: T 4.6200, Plg71.0000; Azm357.0000; N 1.5700, Plg7.0000; Azm245.0000; P -6.2000, Plg18.0000; Azm153.0000; Depth from kinematics of broad-band displacement seismograms. Energy computed from CMT mechanism.

NEIC 02 00:38:17.9.0.2, 55:02N:01:160:40W, 0.01, h52km, 1km, mb5.9/506, MS5.6/206, Error ellipse: s-maj=2.5km s-min=1.4km az=10.0

GCMT 02 00:38:19.0.1, 54:76N:160:20W, h50km, MW5.9/138, Moment Tensor Solution, s128, c292; s138, c402; Duration: 2s Moment tensor: Scale 1019Nm; Mn:0.72; Mw:0.1; Ms:0.62; 0.1; Mw:0.1; Mw:0.47; 0.1; Mw:0.37; 0.1; Mw:0.24; 0.1; Best double couple: Mo:93400; 1018 NP1:2.0000; 862.0000; 1.90, 0.0000; NP2:242.0000; 828.0000; 1.90, 0.0000; Principal axes: T 0.8860, Plg73.0000; Azm332.0000; N 0.0950, Plg0.0000; Azm62.0000; P -0.9810, Plg17.0000; Azm152.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s.

IDC 02 00:38:19.4.0.5, 55:00N:160:44W, h54km, 3km, mb5.2/46, mb1.5/348, mb1mx5.3/56, mbtp5.5/48, MS5.5/50, Ms1.5/50, ms1mx5.5/53, Error ellipse: s-maj=10.0km

s-min=5.2km az=8.0

ISC 02 00:38:17.3.0.2, 54:93N:01:160:50W, 0.02, h39km, 1km, h39km; p-P, n2158, t122/2398, mb5.9/524, MS5.6/213, 240C-26D, Alaska Peninsula

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

2d 0h

Table of horse race results for 2d 0h, listing track names (e.g., K38A, M37A), horse names, jockeys, and performance metrics.

2011 FEB

Table of horse race results for 2011 FEB, listing track names (e.g., X32A, V34A), horse names, jockeys, and performance metrics.

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Table of horse race results for 58, listing track names (e.g., R40A, X35A), horse names, jockeys, and performance metrics.

SUC	Southern Illin	49.88	79	eP	P	00 47 05.7 -0.7
336A	Riesel	50.04	91	P	P	00 47 07.8 +0.1
435B	Jarrell	50.06	92	P	P	00 47 08.3 +0.4
X40A	Basin Creek Fa	50.10	85	P	P	00 47 07.2 -0.9
534A	Blanco	50.10	93	P	P	00 47 07.9 -0.3
138A	Matatal Enter	50.12	86	P	P	00 47 08.5 +0.2
633A	Saathoff Ranch	50.12	94	P	P	00 47 08.1 -0.3
UALR	University of	50.18	84	eP	P	00 47 08.2 -0.5
Y40A	Okolona	50.18	86	P	P	00 47 08.0 -0.8
237A	Washtaua, Mont	50.19	89	P	P	00 47 08.6 -0.2
Z39A	Irene McRaven,	50.22	87	P	P	00 47 08.9 -0.2
KSRS	Korea Array	50.23 281			P	00 47 10.4 +1.3
KSRS	comp=Z,67nm,1.0s,baz=55,slow=6.7,SNR=174				ScP	00 52 18.6 -1.4
KSRS	comp=Z,1.3nm,0.9s,baz=64,slow=2.8,SNR=2.6				LR	01 09 31.8
KSRS	comp=Z,3um,19.8s,baz=38,slow=37				LR	00 47 10.4 +1.3
KSRS	Korea Array	50.23 281			P	00 47 10.4 +1.3
KSRS	comp=Z,67nm,1.0s				MLR	MLR
KSRS	comp=Z,3um,19.8s				MLR	MLR
KS01	Wonju Array Si	50.23 281			P	00 47 09.1 0.0
KS15	Wonju Array Si	50.26 281			P	00 47 10.4 +1.1
KS15	KS15	50.26 281			eScP	00 52 18.6 -1.6
KSAR	Wonju Array Be	50.26 281			P	00 47 10.4 +1.1
KSAR	Wonju Array Be	50.26 281			P	00 47 10.4 +1.1
PARMO	Parma	50.32 81			eP	00 47 09.5 -0.3
BLO	Bloomington	50.39 76			eP	00 47 09.6 -0.7
BLO	Bloomington	50.39 76			eP	00 47 09.6 -0.7
139A	Bunkhouse Ranc	50.51 88			P	00 47 11.4 +0.2
WLAR	White Oak Lake	50.52 86			eP	00 47 11.7 +0.5
436A	Wall Ranch, Ga	50.52 91			P	00 47 11.5 +0.2
832A	Faith Ranch, C	50.55 96			P	00 47 11.8 +0.2
238A	Jacksonville	50.58 89			P	00 47 12.1 +0.3
SADO	Sadova	50.58 66			eP	00 47 11.1 -0.6
HBAR	Harrisburg	50.59 82			eP	00 47 11.8 -0.1
HBAR	USIN	50.59 78			eP	00 48 26.0 -3.0
USIN	University of	50.59 78			eP	00 47 11.2 -0.6
733A	Divot King Ran	50.61 95			P	00 47 12.2 +0.1
535A	Dale	50.62 93			P	00 47 12.2 +0.1
337A	Centerville	50.64 90			P	00 47 12.3 0.0
634A	China Grove, S	50.66 94			P	00 47 12.3 -0.2
GNAR	Gosnell	50.66 81			eP	00 47 10.5 -1.8
GNAR	GNAR	50.66 81			eP	00 47 10.5 -1.8
833A	Chaparral WMA	50.85 96			P	00 47 14.1 +0.2
437A	Phantom Ranch,	50.86 91			P	00 47 14.7 +0.8
536A	Bastrop	50.88 92			P	00 47 14.7 +0.6
734A	La Parita Cree	50.94 94			P	00 47 15.1 +0.5
INCN	Inchon	50.94 282			P	00 47 15.4 +1.0
INCN	Inchon	50.94 282			eP	00 47 15.5 +1.0
INCN	comp=Z,328nm,1.4s				LR	LR
239A	Gary	50.95 88			P	00 47 14.4 -0.2
338A	Crockett	50.95 90			P	00 47 14.7 +0.1
635A	Leesville	50.99 93			P	00 47 15.5 +0.6
NATX	Nacogdoches	51.02 89			P	00 47 15.2 +0.1
NATX	Nacogdoches	51.02 89			eP	00 47 16.0 +0.8
UTMT	University of	51.05 80			eP	00 47 15.3 0.0
HALT	Halls	51.09 81			eP	00 47 16.1 +0.6
WCI	Wyandotte Cave	51.17 77			eP	00 47 15.4 -0.9
WCI	Wyandotte Cave	51.17 77			eP	00 47 15.4 -0.9
WCI	comp=Z,123nm,1.4s				ScP	00 47 15.4 -0.9
438A	Sam Houston St	51.30 90			P	00 47 18.0 +0.8
MET	Memphis-Engin	51.31 82			eP	00 47 16.8 -0.5
TJN	Taejon	51.31 280			/P	00 47 18.2 +1.0
537A	Green Hill Far	51.31 92			P	00 47 18.4 +1.0
636A	Smothers Creek	51.33 93			P	00 47 18.4 +1.0
735A	Kenedy	51.37 94			P	00 47 18.5 +0.7
339A	Huntington	51.40 89			P	00 47 18.7 +0.7
SCO	Scoresbysund	51.41 17			/iP	00 47 18.0 +0.5
SCO	Scoresbysund	51.41 17			/iP	00 47 18.0 +0.5
933A	Laredo	51.46 96			P	00 47 19.3 +0.8
PLVO	Plevna	51.48 64			eP	00 47 18.3 -0.1
834A	Tilden	51.49 95			P	00 47 19.8 +1.1
ACSO	Alum Creek Sta	51.62 72			eP	00 47 18.7 -0.8
JNU	Nakatsue	51.63 275			P	00 47 20.4 +0.6
JNU	Nakatsue	51.63 275			eP	00 47 20.4 +0.6
439A	Center Grove,	51.68 90			P	00 47 21.0 +1.0
538A	Harpers Horsep	51.68 91			P	00 47 21.1 +1.0
HKT	Hockley	51.69 91			eP	00 47 20.6 +0.6
HKT	Hockley	51.69 91			eP	00 47 20.6 +0.6
736A	Circle Diamond	51.72 93			P	00 47 21.5 +1.1
340A	Bronson	51.72 88			P	00 47 20.8 +0.5
637A	Eagle Lake	51.78 92			P	00 47 21.4 +0.6
835A	Beeville	51.78 94			P	00 47 21.7 +0.9
934A	Benavides	51.90 95			P	00 47 22.9 +1.2
ERPA	Erie	51.94 69			eP	00 47 21.8 -0.2
OXF	Oxford	52.05 82			eP	00 47 22.2 -0.5
OXF	Oxford	52.05 82			eP	00 47 22.2 -0.5
440A	Kirbyville	52.18 89			P	00 47 24.9 +1.1
ALLY	Alegheny Colle	52.18 69			eP	00 47 22.7 -1.0
539A	Cross D Ranch,	52.21 90			P	00 47 25.2 +1.2
034A	Hebronville	52.22 96			P	00 47 24.7 +0.6
737A	Port Lavaca	52.22 93			P	00 47 24.1 0.0
IRK	irkutsk	52.29 309			eP	00 47 23.7 -0.6

IRK	comp=Z,246nm,2.4s				pmax	pmax
M54A	Oil Creek Stat	52.54 69			P	00 47 25.5 -0.8
540A	Oil Creek Stat	52.56 89			P	00 47 27.3 +0.7
738A	Farr-Stevens R	52.62 92			P	00 47 26.7 -0.4
MMNY	Mt. Morris Dam	52.63 67			eP	00 47 26.3 -0.7
035A	Elmo	52.65 96			P	00 47 27.8 +0.5
936A	North Padre Is	52.74 95			P	00 47 27.5 -0.1
DL2	Dalian	52.74 287			/iP	00 47 28.9 +0.7
DL2	DL2				eP	00 47 41.6 +2.3
DL2	DL2				PcP	00 48 39.6 +2.6
DL2	DL2				S	00 54 50.7 -2.2
DL2	comp=Z,110nm,1.2s				pmax	pmax
DL2	comp=Z,660nm,4.6s				pmax	pmax
DL2	comp=Z,2um,20.8s				LR	LR
DL2	comp=Z,1um,19.7s				LR	LR
DL2	comp=Z,2um,18.8s				LR	LR
N54A	Moraine State	52.74 70			P	00 47 27.1 -0.8
XMAS	Kiritimati	52.78 176			eP	00 47 27.0 -1.3
XMAS	XMAS	52.78 176			eP	00 47 27.0 -1.3
MNT	Montreal	52.94 62			eP	00 47 28.0 -1.2
MNT	Montreal	52.94 62			eP	00 47 28.0 -1.2
MNT	comp=Z,43nm,1.0s				pmax	pmax
MNT	comp=Z,143nm,1.0s				pmax	pmax
TLY	Talaya	52.96 309			P	00 47 30.2 +0.9
TLY	comp=Z,33nm,0.5s,baz=21,slow=5.4,SNR=81				P	00 47 30.6 +1.3
TLY	Talaya	52.96 309			P	00 47 30.2 +0.9
TLY	comp=Z,565nm,0.7s,SNR=21				P	00 47 29.8 +0.4
TLY	Talaya	52.96 309			eP	00 47 29.7 +0.4
TLY	Talaya	52.96 309			eP	00 47 29.7 +0.4
TLY	Talaya	52.96 309			eP	00 47 28.5 -0.8
TLY	TLY				e	00 47 44.1
TLY	TLY				e	00 48 36.6
TLY	TLY				eS	00 54 58.3 +2.7
TLY	comp=Z,170nm,1.6s				pmax	pmax
035Z	Sewanee	53.03 96			P	00 47 29.9 -0.3
035Z	Hargill	53.03 96			P	00 47 29.9 -0.3
035Z	comp=Z,4um,18.0s				P	00 47 29.9 -0.3
LONY	Lake Ozonia	53.06 63			eP	00 47 29.2 -0.9
VBMS	Vicksburg	53.08 85			P	00 47 30.4 0.0
VBMS	Vicksburg	53.08 85			eP	00 47 31.0 +0.6
LMQ	La Malbea	53.16 58			eP	00 47 30.1 -0.8
ZAIG	Zacatecas	53.34 103			eP	00 47 33.4 +0.6
FRNY	Flat Rock	53.42 62			eP	00 47 31.5 -1.3
NRS	Narsarsuaq	53.44 33			iP	00 47 33.0 +0.3
NRS	Narsarsuaq	53.44 33			iP	00 47 33.0 +0.3
NRS	comp=Z,143nm,1.1s				pmax	pmax
SWET	comp=Z,140nm,1.1s				eP	00 47 32.6 -1.1
MCWV	Mont Chateau	53.74 71			eP	00 47 34.5 -0.7
TZTN	Tazewell	53.91 76			eP	00 47 36.0 -0.5
056A	Blue Knob Stat	54.00 69			P	00 47 36.0 -1.2
BINY	Binghamton	54.02 66			eP	00 47 37.0 -0.2
ZAK	Zakamensk	54.03 308			eP	00 47 36.7 -0.6
ZAK	ZAK	54.03 308			eP	00 48 43.2
ZAK	comp=Z,33nm,1.5s				pmax	pmax
ULN	Ulaanbaatar	54.04 304			P	00 47 37.9 +0.4
ULN	Ulaanbaatar	54.04 304			P	00 47 37.7 +0.2
ULN	Ulaanbaatar	54.04 304			eP	00 47 37.6 +0.2
ULN	comp=Z,81nm,1.4s,comp=Z,2um,comp=Z,7um				P	00 47 37.6 +0.2
ULN	comp=Z,52nm,1.0s				LR	LR
ULN	comp=Z,11um,19.0s				LR	LR
ULN	Ulaanbaatar	54.04 304			/iP	00 47 37.7 +0.2
ULN	ULN				pmax	pmax
ULN	comp=Z,48nm,0.8s				MLR	MLR
SSPA	Standing Stone	54.11 69			eP	00 47 37.3 -0.6
MOY	Mondy	54.14 311			eP	00 47 38.7 +0.6
MOY	comp=Z,210nm,3.6s				pmax	pmax
CPCT	Cooper Cave	54.15 78			eP	00 47 37.8 -0.5
MDV	Middlebury	54.21 63			eP	00 47 37.6 -0.9
KRAR	Krasnoyarsk	54.34 319			/iP	00 47 39.8 +0.5
KRAR	comp=Z,177nm,1.3s				pmax	pmax
KRAR	comp=Z,6um,18.0s				MLR	MLR
SONA	Songino Array	54.37 304			eP	00 47 39.6 -0.2
SONA	Songino Array	54.38 304			eP	00 47 40.3 +0.3
SONA	comp=Z,81nm,0.9s				P	00 47 39.6 -0.2
SONA	SONA				eP	00 48 44.6 +1.3
SONA	SONA				eScP	00 52 38.5 +0.4
SONM	Songino Array	54.38 304			P	00 47 40.3 +0.3
SONM	comp=Z,44nm,0.7s,baz=43,slow=6.8,SNR=306				PcP	00 48 46.6 +1.3
SONM	SONM				PcP	00 48 46.6 +1.3
SONM	comp=Z,30nm,0.8s,baz=55,slow=3.3,SNR=11				ScP	00 52 38.5 +0.4
SONM	comp=Z,4.3nm,0.9s,baz=35,slow=5.0,SNR=4.3				LR	01 13 19.2
SONM	comp=Z,13um,18.3s,baz=42,slow=39				LR	01 17 50.4 -7.6
SONM	comp=Z,3.6nm,1.3s,baz=183,slow=1.8,SNR=6.5				P	00 47 39.2 -1.0
TKL	Tuckaleechee C	54.42 77			eP	00 47 39.2 -1.0
TKL	Tuckaleechee C	54.42 77			eP	00 47 39.2 -1.0
TKL	TKL				pmax	pmax
TKL	TKL				pmax	pmax
LRAL	Lakeview Retr	54.50 82			eP	00 47 39.4 -1.4
KSPA	Keystone Colle	54.59 66			eP	00 47 37.5 -3.9
LBNH	Lisbon	54.68 62			eP	00 47 41.5 -0.4
LBNH	Lisbon	54.68 62			eP	00 47 41.5 -0.4
LBNH	comp=Z,120nm,1.0s				pmax	pmax
HAMF	Hammerfest	54.69 358			eP	00 47 41.4 -0.3
HAMF	HAMF	54.69 358			eP	00 47 42.2
HAMF	comp=Z,383nm,1.5s				eS	00 55 18.9 +0.5
HAMF	HAMF				IAMS_20	IAMS_20
TRY	Tro	54.86 64			eP	00 47 45.2 +1.9
TRY	TRY				pmax	pmax</

2d 0h

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Table with columns for station code, name, frequency, and signal strength. Includes stations like SSE, SVE, NVS, KONS, ZAA1, ZAA2, ZAA3, ZAA4, ZAA5, ZAA6, ZAA7, ZAA8, ZAA9, ZAA10, ZAA11, ZAA12, ZAA13, ZAA14, ZAA15, ZAA16, ZAA17, ZAA18, ZAA19, ZAA20, ZAA21, ZAA22, ZAA23, ZAA24, ZAA25, ZAA26, ZAA27, ZAA28, ZAA29, ZAA30, ZAA31, ZAA32, ZAA33, ZAA34, ZAA35, ZAA36, ZAA37, ZAA38, ZAA39, ZAA40, ZAA41, ZAA42, ZAA43, ZAA44, ZAA45, ZAA46, ZAA47, ZAA48, ZAA49, ZAA50, ZAA51, ZAA52, ZAA53, ZAA54, ZAA55, ZAA56, ZAA57, ZAA58, ZAA59, ZAA60, ZAA61, ZAA62, ZAA63, ZAA64, ZAA65, ZAA66, ZAA67, ZAA68, ZAA69, ZAA70, ZAA71, ZAA72, ZAA73, ZAA74, ZAA75, ZAA76, ZAA77, ZAA78, ZAA79, ZAA80, ZAA81, ZAA82, ZAA83, ZAA84, ZAA85, ZAA86, ZAA87, ZAA88, ZAA89, ZAA90, ZAA91, ZAA92, ZAA93, ZAA94, ZAA95, ZAA96, ZAA97, ZAA98, ZAA99, ZAA100.

Table with columns for station code, name, frequency, and signal strength. Includes stations like FIA0, FIA1, FIA2, FIA3, FIA4, FIA5, FIA6, FIA7, FIA8, FIA9, FIA10, FIA11, FIA12, FIA13, FIA14, FIA15, FIA16, FIA17, FIA18, FIA19, FIA20, FIA21, FIA22, FIA23, FIA24, FIA25, FIA26, FIA27, FIA28, FIA29, FIA30, FIA31, FIA32, FIA33, FIA34, FIA35, FIA36, FIA37, FIA38, FIA39, FIA40, FIA41, FIA42, FIA43, FIA44, FIA45, FIA46, FIA47, FIA48, FIA49, FIA50, FIA51, FIA52, FIA53, FIA54, FIA55, FIA56, FIA57, FIA58, FIA59, FIA60, FIA61, FIA62, FIA63, FIA64, FIA65, FIA66, FIA67, FIA68, FIA69, FIA70, FIA71, FIA72, FIA73, FIA74, FIA75, FIA76, FIA77, FIA78, FIA79, FIA80, FIA81, FIA82, FIA83, FIA84, FIA85, FIA86, FIA87, FIA88, FIA89, FIA90, FIA91, FIA92, FIA93, FIA94, FIA95, FIA96, FIA97, FIA98, FIA99, FIA100.

Table with columns for station code, name, frequency, and signal strength. Includes stations like MK01, MK02, MK03, MK04, MK05, MK06, MK07, MK08, MK09, MK10, MK11, MK12, MK13, MK14, MK15, MK16, MK17, MK18, MK19, MK20, MK21, MK22, MK23, MK24, MK25, MK26, MK27, MK28, MK29, MK30, MK31, MK32, MK33, MK34, MK35, MK36, MK37, MK38, MK39, MK40, MK41, MK42, MK43, MK44, MK45, MK46, MK47, MK48, MK49, MK50, MK51, MK52, MK53, MK54, MK55, MK56, MK57, MK58, MK59, MK60, MK61, MK62, MK63, MK64, MK65, MK66, MK67, MK68, MK69, MK70, MK71, MK72, MK73, MK74, MK75, MK76, MK77, MK78, MK79, MK80, MK81, MK82, MK83, MK84, MK85, MK86, MK87, MK88, MK89, MK90, MK91, MK92, MK93, MK94, MK95, MK96, MK97, MK98, MK99, MK100.

AKTO	Aktjubinsk	70.18 335 P	P	00 49 25.9 +0.5
AKTO	comp=Z,142nm,0.8s,baz=28,slow=6.3,SNR=377		P'P'df	01 17 28.5 -4.9
AKTO	comp=Z,1.4nm,0.8s,baz=210,slow=8.1,SNR=4.4		LR	01 24 19.4
AKTO	Aktjubinsk	70.18 335 P	P	00 49 25.8 +0.4
AKTO	comp=Z,4um,20.3s,slow=39		Pmax	
ZHN	Zhishinsk	70.19 318 i/P	P	00 49 26.4 +0.6
ZHN	comp=Z,1um,2.7s		LR	01 21 23.7
BSD	Bornholm Skovb	70.25 3 i/P	P	00 49 25.9 +0.2
BSD	comp=Z,3um,18.8s		LR	00 49 41.4
BSD	Bornholm Skovb	70.25 3 i/P	P	00 49 25.9 +0.2
BSD	comp=Z,3um,18.8s		LR	00 49 41.4
SATY	Saty	70.30 318 i/P	P	00 49 27.2 +0.8
SATY	comp=Z,5um,3.0s		LR	01 21 06.5
SATY	comp=Z,3um,16.0s		LRM	01 22 49.2
WLF1	Lynfaes	70.35 15 eP	P	00 49 26.3 0.0
WLF1	comp=Z,1.79nm,1.8s		AMB	00 49 27.5
GYA	Guyiang	70.35 288 i/P	P	00 49 27.5 +0.5
GYA	comp=Z,2um,21.3s		P	00 49 39.8 +1.0
GYA	comp=Z,2um,21.3s		P	00 49 46.0 -2.4
GYA	comp=Z,2um,19.4s		P	00 49 50.2 +6.9
GYA	comp=Z,3um,23.2s		P	00 52 05.0 +3.0
GYA	comp=Z,3um,23.2s		S	00 58 36.1 -0.4
GYA	comp=Z,3um,23.2s		S	00 58 53.4 -2.7
GYA	comp=Z,3um,23.2s		SKS	00 59 22.0 -3.5
GYA	comp=Z,3um,23.2s		SS	01 03 08.9 +2.0
GYA	comp=Z,180nm,1.0s		Pmax	
GYA	comp=Z,1um,4.8s		Pmax	
GYA	comp=Z,2um,21.3s		LR	00 49 29.0
GYA	comp=Z,2um,19.4s		LR	00 49 29.0
GYA	comp=Z,3um,23.2s		LR	00 49 29.0
NACGM	Naroch	70.36 356 eP	PM	00 49 25.0 -1.4
NACGM	comp=Z,0.5nm,1.0s		PM	00 49 27.0
NACGM	Kurty	70.37 320 i/P	LR	01 13 12.0
NACGM	comp=Z,3um,2.5s		LR	00 49 26.7 0.0
KUU	KUU	01 15 47.7	LQ	01 15 47.7
KUU	comp=Z,7um,19.7s		LQ	01 20 45.3
TGN	TGN	70.38 319 i/P	P	00 49 27.6 +0.7
TGN	comp=Z,2um,1.7s		i/S	00 58 38.8 +2.3
PMOR	Pomariorio Ree	70.48 167 eP	P	00 49 32.1 +4.6
PMOR	comp=Z,248nm,1.3s		T	02 05 50.2
PMOR	Pomariorio Ree	70.48 167 eP	T	02 05 50.2
PMOR	comp=Z,478nm,0.2s		P	00 49 29.0 +0.7
VAL	Valentia	70.66 19 eP	P	00 49 30.2 +1.5
VAL	Alma-Ata	70.67 319 i/P	P	01 20 56.6
AAA	AAA	01 20 56.6	i/LR	01 20 56.6
MICGM	Minsk	70.71 355 eP	PM	00 49 28.0 -0.5
MICGM	comp=Z,1.1nm,1.0s		PM	00 49 29.0
MICGM	comp=Z,1.1nm,1.0s		PM	00 49 29.0
MICGM	comp=Z,9.8nm,20.0s		eS	00 58 44.0 +4.4
MICGM	comp=Z,6.0nm,12.0s		eLR	01 12 40.0
MICGM	comp=Z,6.0nm,12.0s		LRM	01 19 00.0
MNK	Minsk	70.71 355 eP	S	00 49 28.0 -0.5
MNK	comp=Z,1um,1.0s		S	00 58 44.0 +4.4
MNK	comp=N,990nm,1.0s		Pmax	
MNDK	Medeo	70.73 319 i/P	P	00 49 29.7 +0.7
MNDK	comp=Z,2um,1.5s		eS	00 58 42.4 +1.9
MNDK	comp=Z,3um,21.1s		LR	01 19 30.9
LMK	Market Rasen	70.74 12 eP	AMB	00 49 29.4 +0.6
LMK	comp=Z,578nm,1.2s		AMB	00 49 30.4
VAH	Vaihoa	70.74 167 eP	P	00 49 33.9 +4.8
VAH	comp=Z,135nm,1.1s		T	02 06 10.1
VAH	Vaihoa	70.74 167 eP	T	02 06 10.1
VAH	comp=Z,34nm,0.3s		P	00 49 30.7 +1.9
RGN	Rugen	70.76 4 eP	P	00 49 29.8 +0.7
RGN	comp=Z,525nm,1.1s		P	00 49 29.8 +0.7
AB31	Akbulak array	70.78 333 eP	Pmax	
AB31	comp=Z,81nm,0.5s		Pmax	
ABKAR	Akbulak array	70.78 333 eP	P	00 49 29.8 +0.8
STNC	Stoke	70.85 141 eP	AMB	00 49 30.3 +0.8
STNC	comp=Z,379nm,1.4s		P	00 49 31.3
TNSS	Tian-Shan	70.87 319 i/P	P	00 49 40.9 +1.1
FOEL	Foel Wylfa	70.91 141 eP	AMB	00 49 30.6 +0.8
FOEL	comp=Z,2um,2.0s		AMB	00 49 31.5
MTBS	Maitube	70.99 320 i/P	P	00 49 31.4 +0.8
MANU	Marius Island	71.03 237 eP	P	00 49 32.1 +1.1
MANU	comp=Z,1um,1.5s		eP	00 49 43.4 +0.6
MTDJ	Mount Denham	71.27 85 eP	LR	00 49 32.9 +0.3
MTDJ	comp=Z,253nm,1.1s		LR	
BMNS	Besnoynak	71.29 320 i/P	P	00 49 33.5 +1.0
BMNS	comp=Z,2um,20.0s		eS	00 58 49.2 +2.2
CWF	Charnwood Fore	71.32 131 eP	AMB	00 49 32.9 +0.6
CWF	comp=Z,248nm,1.6s		AMB	00 49 33.8
CWF	Charnwood Fore	71.32 13 eP	P	00 49 33.1 +0.8
CWF	comp=Z,399nm,1.5s		P	00 49 32.4 +0.1
HLM1	Long Mynd	71.32 141 eP	AMB	00 49 34.7
HLM1	comp=Z,154nm,1.6s		P	00 49 33.4 +0.7
GTBY	Quantanamo Bay	71.32 82 eP	LR	
GTBY	comp=Z,124nm,1.0s		LR	
SUW	Suwalki	71.38 358 eP	P	00 49 32.2 -0.4
SUW	comp=Z,7um,22.0s		eP	00 49 47.0 -2.0
SUW	Suwalki	71.38 358 eP	S	00 58 58.1 -1.1
SUW	comp=Z,3um,20.0s		SKIKP	00 49 32.2 -0.4
SUW	comp=Z,3um,20.0s		eP	00 47.0 -2.0
TKM2	Tokmak 2	71.48 320 P	P	00 49 33.9 +0.1
TKM2	SNR=140		P	00 49 33.8 +0.1
TKM2	Tokmak 2	71.48 320 eP	P	00 49 33.8 +0.1
TKM2	comp=Z,415nm,1.6s		LR	
TKM2	Tokmak 2	71.48 320 eP	P	00 49 33.8 +0.1
TKM2	comp=Z,14um,21.0s		P	00 49 33.8 +0.1
TKM2	comp=Z,415nm,1.6s		Pmax	
TKM2	comp=Z,14um,21.0s		MLR	
USP	Ospenovka	71.58 321 P	P	00 49 31.8 -2.3
LPSR	Gaich'ya Gora	71.63 348 eP	P	00 49 33.7 -0.4
LPSR	SNR=47		P	00 49 49.4
LPSR	comp=Z,160nm,1.1s		Pmax	
LPSR	comp=Z,3um,20.0s		MLR	
CHMS	Chumysh	71.72 321 P	P	00 49 30.4 -4.6
MCH1	Michaelchurch	71.81 141 eP	AMB	00 49 35.2 0.0
MCH1	SNR=30		P	00 49 36.8
ULHL	Ulahof	71.82 319 P	P	00 49 36.9 +1.2
ULHL	comp=Z,245nm,1.5s		P	00 49 37.0 +0.9
FRU	Bishkek	71.92 321 i/P	P	00 49 37.0 +0.9
FRU	comp=Z,1um,2.0s		i/S	00 59 15.0 +5.2
FRU	comp=Z,1um,2.0s		Pmax	

FRU	comp=E,7um,18.0s		MLR	MLR
FRU	comp=Z,14um,18.0s		MLR	MLR
JBG	Jabagly	71.93 320 i/P	P	00 49 58.1 +3.2
JBG	comp=Z,4um,2.1s		LRM	MLR
KBK	Karagaybulak	71.95 320 P	P	01 25 10.2
AAK	Ala-Archa	72.13 321 P	P	00 49 28.1 -8.4
AAK	comp=Z,38nm,0.6s,baz=54,slow=5.2,SNR=101		LR	01 24 01.8
AAK	Ala-Archa	72.13 321 P	P	00 49 38.9 +1.3
AAK	Ala-Archa	72.13 321 eP	Pmax	00 49 38.7 +1.1
AAK	comp=Z,645nm,1.8s		MLR	MLR
AAK	comp=Z,37um,18.0s		MLR	MLR
HNR	Honiara	72.18 221 PFAKE	LR	00 49 50.0 +12
HNR	comp=Z,3um,21.0s		LR	
GRTK	Grand Turk	72.32 78 PFAKE	LR	00 49 50.0 +11
GRTK	comp=Z,6um,20.0s		LR	
EKS2	Erkin-Say	72.37 321 PFAKE	LR	00 49 50.0 +11
EKS2	comp=Z,21um,19.0s		LR	
SWN1	Swindon	72.45 14 eP	AMB	00 49 40.2
SWN1	comp=Z,309nm,1.6s		AMB	00 49 40.9
VRH	Novokhoporsk	72.62 346 eP	Pmax	00 49 39.2 -0.9
VRH	comp=Z,180nm,1.1s		Pmax	00 49 54.8
VRH	comp=Z,4um,17.0s		MLR	MLR
WOL	Wolverton	72.72 131 eP	AMB	00 49 41.2 +0.5
WOL	comp=Z,513nm,1.5s		AMB	00 49 42.4
PPT	Papeete	72.81 169 LR	LR	01 15 03.8
PPT	comp=Z,3um,20.9s,baz=352,slow=30		LR	
TIAR	Tiarei	72.83 169 eP	P	00 49 46.1 +4.5
TIAR	comp=Z,53nm,1.1s		P	00 49 46.5 +4.8
PPT2	Papeete2	72.83 169 eS	S	00 59 02.8 -2.0
PPT2	comp=Z,144nm,1.4s		eS	01 03 48.3 +2.4
PPT2	comp=Z,2um,33.2s		eLR	01 12 01.5
PPT2	comp=Z,9um,24.2s,baz=350		eT	02 08 47.0
PPT2	Papeete2	72.83 169 eT	P	00 49 46.8 +4.8
PAE	Paea	72.90 169 eP	P	02 08 51.9
PAE	comp=Z,28nm,1.2s		P	00 49 42.6 +0.6
PAE	Paea	72.90 169 eT	P	02 08 51.9
PAE	comp=Z,5.0nm,0.3s		P	00 49 42.6 +0.6
WTSS	Winterswijk	72.94 8 i/P	P	00 49 41.1 -1.0
WTSS	comp=Z,465nm,1.4s		P	00 49 57.3
VSR	Storzhevoye	72.95 347 eP	Pmax	00 49 57.3
VSR	comp=Z,310nm,1.2s		Pmax	
VSR	comp=Z,6um,18.0s		MLR	MLR
MNAS	Manas	72.98 322 P	Pmax	00 49 43.6 +1.0
MNAS	comp=Z,242nm,1.3s		Pmax	
TVO	Taravao	73.06 169 eT	T	02 09 03.6
TVO	comp=Z,11nm,0.3s		T	
WORD	Divnogorie	73.18 347 eP	P	00 49 42.7 -0.7
WORD	comp=Z,190nm,0.8s		Pmax	00 49 58.6
WORD	comp=Z,190nm,0.8s		Pmax	
VORD	Yadsworth	73.19 151 eP	AMB	00 49 43.7 +0.2
VORD	comp=Z,8um,22.0s		MLR	MLR
DYA	Yadsworth	73.19 15 eP	P	00 49 44.2 +0.7
DYA	comp=Z,220nm,1.3s		P	00 49 44.9
JYS	JuntasAbangare	73.34 96 PFAKE	LR	00 50 00.0 +15
JYS	comp=Z,1um,20.0s		LR	
JTS	JuntasAbangare	73.34 96 i/P	Pmax	00 49 47.8 +2.9
JTS	comp=Z,34nm,1.2s		Pmax	
JTS	comp=Z,34nm,1.2s		MLR	MLR
HMNX	Herstmonceux	73.36 13 eP	P	00 49 44.9 +0.5
HMNX	comp=Z,25nm,1.0s		P	00 49 46.7 +0.4
KMI	Kuning	73.59 290 P	P	00 49 57.9 -0.3
KMI	comp=Z,2um,20.0s		P	00 50 02.2 +0.1
KMI	comp=Z,2um,20.0s		P	00 52 28.1 -2.0
KMI	comp=Z,2um,20.0s		S	00 59 12.7 -0.2
KMI	comp=Z,2um,20.0s		S	00 59 30.7 -2.5
KMI	comp=Z,2um,20.0s		SS	01 03 59.0 +2.9
KMI	comp=Z,59nm,1.8s		Pmax	
KMI	comp=Z,1um,4.2s		Pmax	
KMI	comp=Z,2um,22.0s		LR	LR
KMI	comp=Z,2um,22.9s		LR	LR
KMI	comp=Z,3um,22.5s		LR	LR
BEL	Belsk	73.59 359 eP	P	00 49 46.5 +0.7
BEL	comp=Z,1um,1.5s		P	00 50 01.9 +0.3
BEL	Belsk	73.59 359 eP	P	00 49 46.5 +0.7
BEL	comp=Z,1um,1.5s		P	00 49 47.0 +0.3
BRLS	Boroday	73.70 324 i/P	P	00 59 15.5 +1.2
BRLS	comp=Z,370nm,2.4s		S	01 24 54.2
BRLS	comp=Z,932nm,14.9s		LRM	
LGHN	L'ogone	73.87 81 eP	P	00 49 49.2 +1.3
LGHN	comp=Z,252nm,1.1s		P	00 49 48.1 +0.6
UCC	Uccle	73.88 10 P	P	00 50 03.1 +0.3
UCC	comp=Z,2um,22.0s		P	00 49 48.2 +0.7
UCC	comp=Z,2um,22.0s		P	

PKIN	Phulchoki	80.39 305	iP	P	00 50 25.3 +0.5
ZEI	Tsey	80.45 342	eP	P	00 50 18.4 -6.4
ZEI			pmx	pmx	
LOEI	Loei	80.48 287	iP	P	00 50 23.6 -1.5
GOLR	Daman	80.49 356	iP	P	00 50 25.8 +1.1
DMN	Dansing	80.50 364	iP	P	00 50 26.1 +1.0
DANN	Lampang	80.51 306	iP	P	00 50 26.5 +1.0
LAMP		80.56 289	iP	P	00 50 25.0 +0.3
KHON	Khomkaen	80.57 285	P	P	00 50 26.2 +0.7
SULR	Osses	80.59 355	iP	P	00 50 26.2 +1.0
PGAV	Gaviera, Arco	80.60 151	eP	P	00 50 25.5 +0.2
PGAV		80.61 21	eP	P	00 50 26.7 +1.2
PGAV	Gaviera, Arco	80.61 21	eP	P	00 50 26.7 +1.2
PGAV			eP	pP	00 50 37.0 -0.5
PGAV			eS	SR	01 00 34.8 +5.3
PGAV			eS	SR	01 01 27.8
MYLDM	Lahad Datu	80.61 266	P	P	00 50 27.7 +1.9
MYLDM		80.61 266	eP	P	00 50 27.7 +1.9
ANWB	Wilby Bob	80.62 73	PF	LR	00 50 40.0 +1.4
ANWB			LR	LR	
MDVR	Moldovita	80.64 358	iP	P	00 50 26.3 +0.7
BLY	Banja Luka	80.67 2	iP	P	00 50 26.3 +0.6
TIRR	Tirgusor	80.69 354	iP	P	00 50 26.4 +0.6
TIRR		80.69 354	eP	P	00 50 26.2 +0.4
TIRR		80.69 354	eP	P	00 50 26.2 +0.4
TIRR			pmx	pmx	00 50 26.2 +0.4
CHTO	Chiang Mai	80.70 289	P	P	00 50 26.1 -0.1
CHTO		80.70 289	P	P	00 50 26.7 +0.4
CHTO	Chiang Mai	80.70 289	P	P	00 50 26.3 +0.4
CHTO			eP	P	00 50 26.4 +0.2
CHTO			LR	LR	
CHTO			pmx	pmx	00 50 26.4 +0.2
CHTO			pmx	pmx	00 50 26.4 +0.2
CHTO			MLR	MLR	
CHTO			MLR	MLR	
ONI	Oni	80.72 342	P	P	00 50 27.3 +1.1
ONI		80.72 342	P	P	00 50 27.1 -1.1
SRE	Strehaia	80.73 357	iP	P	00 50 27.0 +1.0
RKT	Rikitea	80.76 156	eS	S	01 00 30.3 -0.6
RKT			eSS	SS	01 05 46.7 +1.2
RKT			eLR	LR	01 15 42.4
RKT			T	T	02 18 41.6
PSMA	Pico do Norte	80.77 35	eP	P	00 50 25.6 -0.7
PSMN		80.78 35	eP	P	00 50 25.9 -0.5
NVLJ	Novalla	80.80 3	iP	P	00 50 26.4 +0.1
HUMR	Humele	80.80 356	iP	P	00 50 27.0 +0.6
CHVG	Ch'k'valeri	80.83 343	P	P	00 50 28.2 +1.6
CHVG		80.83 343	iP	P	00 50 27.6 +1.0
CVDA	Cervadova	80.84 354	iP	P	00 50 27.6 +1.0
LARF	Larrou	80.85 151	eP	P	00 50 28.2 +1.5
UDBI	Udbina	80.86 3	iP	P	00 50 27.3 +0.5
PCAB	Cabril	80.89 21	eP	P	00 50 28.3 +1.3
PCAB			eP	pP	00 50 38.5 -0.5
REYF	Montagne du Re	80.91 151	eP	pP	00 50 27.2 +0.1
REYF		80.92 355	eP	pP	00 50 27.1 +1.2
VLC	Villacollemandre	80.98 7	eP	P	00 50 28.6 +1.2
VLC			LR	LR	
DUS	Dusheti	80.98 341	P	P	00 50 29.0 +1.4
DUS		80.98 341	P	P	00 50 28.9 +1.4
MVIF	Mont Vial	80.98 9	eP	P	00 50 28.6 +1.0
CM31	Chiang Mai Arr	80.99 289	eP	P	00 50 28.6 +0.8
CMAR	Chiang Mai Arr	80.99 289	eP	P	00 50 28.6 +0.8
CMAR			LR	LR	01 29 47.6
CMAR			LR	LR	
LUCF	Luceran	81.00 9	eP	P	00 50 28.3 +0.7
CM01	Chiang Mai Arr	81.01 289	eP	P	00 50 27.2 -0.1
DBCB	Dabelbi	81.05 357	iP	P	00 50 27.9 +0.2
CRAR	CRAIOVA	81.05 357	iP	P	00 50 27.6 -0.1
EFOR	EFORIE	81.06 353	iP	P	00 50 28.4 +0.7
SMLA	Simla	81.06 313	i x	P	00 50 28.7 +0.8
SMLA			iP	P	00 50 28.7 +0.8
PBRG	Braganca	81.06 20	eP	P	00 50 29.1 +1.2
KOLN	Koldanda	81.08 306	iP	P	00 50 29.1 +1.2
PYUN	Piuthan	81.08 307	iP	P	00 50 29.2 +0.8
MSAB	Manastra St. A	81.09 354	iP	P	00 50 28.8 +0.9
CALN	Calern	81.10 9	eP	P	00 50 29.3 +1.1
WIEF	Wief	81.15 141	eP	P	00 50 28.4 +0.6
REVF	Revere	81.16 91	eP	P	00 50 29.0 +0.5
KKM	Kota Kinabalu	81.23 268	P	P	00 50 29.7 +0.5
KKM			eP	P	00 50 30.6 +1.4
KKM			LR	LR	
POLO	Lamas de Olo	81.27 20	eP	P	00 50 30.4 +1.3
POLO			eP	pP	00 50 40.6 -0.5
MANR	Mangalia	81.32 353	iP	P	00 50 30.6 +1.5
TBLG	Delisi	81.33 341	P	P	00 50 30.2 +1.0
TBLG		81.33 341	P	P	00 50 30.2 +1.0
PTO	Porto	81.33 21	eP	P	00 50 31.0 +1.8
PVRL	Vila Real	81.38 20	eP	P	00 50 30.9 +1.3
PVRL			eP	pP	00 50 40.6 -1.0
CHAI	Chaiyaphum	81.39 285	P	P	00 50 30.3 +0.4
SUKH	Sukhothai	81.41 288	P	P	00 50 30.5 +0.5
PBKT	Sadao Pong	81.41 286	P	P	00 50 30.1 +0.1
PBKT		81.41 286	P	P	00 50 30.4 +0.4
PSN	Presentisni	81.48 354	eP	P	00 50 30.8 +0.8
CARF	Carcanieres	81.60 131	eP	P	00 50 30.8 +0.0
MVO	Moncorvo	81.62 20	eP	P	00 50 32.2 +1.3
MVO			eP	pP	00 50 42.4 -0.6
MVO			eLR	LR	01 10 09.8
ZIMR	Zimra	81.66 356	iP	P	00 50 31.9 +1.0
OCAC	Ocana	81.70 88	eP	P	00 50 31.1 -0.7
DZM	Mont Dzumac	81.75 211	P	P	00 50 33.2 +1.6
GEYT	Alibeck	81.76 330	P	P	00 50 32.6 +1.0
GEYT			LR	LR	01 31 23.5
GEYT			LR	LR	
GDHS	Morne Mazeau	81.76 74	eP	P	00 50 32.1 +0.6
MHMT	Maesarieng	81.77 290	P	P	00 50 32.3 +0.4
AKH	Akhalkalaki	81.86 342	P	P	00 50 33.6 +1.2
AKH		81.86 342	iP	P	00 50 33.1 +1.6
AKH		81.86 342	iP	P	00 50 33.2 +1.2
LZG	Guadalupe-1	81.88 21	eP	P	00 50 32.0 -0.1
PVIS	Visu	81.88 21	eP	P	00 50 33.5 +1.2
PVIS			eP	pP	00 50 43.8 -0.5
EPDS	Pesof	81.91 343	P	P	00 50 34.1 +1.1
PRD	Provadia	82.01 354	eP	P	00 50 33.6 +0.8
LKG	Breislack	82.01 74	eP	P	00 50 33.7 +0.4
MPEP	Malo Peshtene	82.02 357	eP	P	00 50 32.4 -0.5
SZH	Strazhica	82.02 355	eP	P	00 50 32.6 -0.3
HELX	Santa Helena	82.08 91	eP	P	00 50 33.4 -0.6

PVL	Pavlikeni	82.10 356	eP	P	00 50 34.1 +0.9
PLE	Plejevia	82.11 0	iP	P	00 50 34.4 +0.9
TBG	Guadaloupe-3	82.17 74	eP	P	00 50 34.4 +0.4
UPM	Unac-Piva	82.23 0	iP	P	00 50 34.6 +0.4
DBOC	Borcka	82.24 343	iP	P	00 50 31.4 -2.7
MTE	Manteigas	82.26 21	eP	P	00 50 35.5 +1.3
MTE			eP	pP	00 50 45.8 -0.5
MTE			eS	SR	01 00 54.1 +7.5
MTE			eLR	LR	01 10 09.7
MTE			eP	P	00 50 35.6 +1.3
MTE			LR	LR	
ARTV	Artvin	82.35 343	iP	P	00 50 29.9 -5.0
PCAS	Casimlo, Conde	82.40 21	eP	P	00 50 36.2 +1.3
PCAS			eP	pP	00 50 46.5 -0.4
DAGI	Agillar	82.42 87	eP	P	00 50 34.3 -1.3
BRY	Bratogost	82.53 1	iP	P	00 50 31.4 -3.9
BBL	Barber's Block	82.53 74	eP	P	00 50 35.9 +0.2
EAK	Akyaka	82.55 342	iP	P	00 50 36.0 0.0
STON	Ston	82.56 1	iP	P	00 50 33.3 -2.6
IVA	Geneve	82.57 360	iP	P	00 50 35.7 0.0
NKY	Niksic	82.62 0	iP	P	00 50 36.5 +0.8
DDEM	Demirkent	82.67 343	iP	P	00 50 29.1 -7.3
NKME	Niksic	82.67 0	iP	P	00 50 36.5 +0.3
SDV	Santo Domingo	82.72 85	eP	P	00 50 36.4 -0.7
SDV			LR	LR	
JMB	Yambol	82.78 355	eP	P	00 50 36.9 0.0
VTS	Vitosh	82.80 357	iP	P	00 50 37.7 +0.5
VTS		82.80 357	eP	P	00 50 36.6 -1.3
VTS		82.80 357	eP	P	00 50 37.1 0.0
VTS			pmx	pmx	00 50 37.1 0.0
VTS			eP	pP	00 50 36.7 -0.4
PGB	Panagyurishte	82.81 357	eP	P	00 50 36.9 -0.2
PCBR	Castelo Branco	82.81 21	eP	P	00 50 38.0 -1.0
PCBR			eP	pP	00 50 48.2 -0.9
PTOM	Tomar	82.83 21	eP	P	00 50 38.3 +1.1
PTOM			eP	pP	00 50 48.6 -0.6
PVY	Plav	82.84 360	iP	P	00 50 37.5 +0.2
GNI	Garni	82.85 341	iP	P	00 50 38.9 +1.4
GNI			eP	pP	00 50 38.9 +1.4
GNI			eP	sP	00 50 54.2 +0.2
GNI			LR	LR	01 32 36.3
GNI			eP	P	00 50 39.5 +2.0
GNI			eP	P	00 50 39.5 +2.0
GNI			eP	P	00 50 39.1 +1.6
GNI			pmx	pmx	
GNI			MLR	MLR	
UMPA	Umpang Tak	82.87 288	P	P	00 50 39.1 +1.4
SRAK	Srakaw	82.89 284	P	P	00 50 36.7 -1.1
CEME	Cevo	82.89 0	iP	P	00 50 37.7 +0.2
NORC	Norcasia	82.97 90	eP	P	00 50 37.3 -1.0
HCY	Herceg Novi	82.99 1	iP	P	00 50 37.9 +0.0
PDG	Podgorica	83.01 0	iP	P	00 50 38.4 +0.4
PDG		83.01 0	iP	P	00 50 38.3 +0.3
TTG	Podgorica	83.01 0	iP	P	00 50 38.4 +0.3
TTG		83.01 0	P	P	00 50 38.3 +0.3
SAMS	Samsun-Alacam	83.02 347	iP	P	00 50 30.6 -7.5
UTHA	Uthaitani	83.07 287	eP	P	00 50 39.3 +0.6
BARC	Barichara	83.11 88	eP	P	00 50 38.6 -0.6
BOYT	Boybat	83.12 348	iP	P	00 50 39.4 +0.7
BUM	Brajici-Budva	83.14 0	iP	P	00 50 39.0 +0.2
GRGC	Isla de Gorgon	83.14 95	eP	P	00 50 39.0 -0.1
NDI	New Delhi	83.16 312	i x	P	00 50 38.0 -1.0
ORDU	Ordu-Boztepe	83.17 346	iP	P	00 50 39.2 +0.3
PMRV	Marv???	83.23 21	eP	P	00 50 40.2 +1.0
PMRV			eP	pP	00 50 50.7 -0.6
PMRV			eS	SR	01 00 18.0 -1.4
PMRV			eLR	LR	01 18 13.9
PLD	Plodiv	83.23 256	eP	P	00 50 39.8 +0.6
LWUI	Luvuk	83.24 359	eP	P	00 50 39.1 -0.4
ALMR	Almeirim	83.24 22	eP	P	00 50 40.2 +0.9
ALMR		83.24 22	eP	P	00 50 40.1 +0.9
DM	Dimitrovgrad	83.25 355	eP	P	00 50 39.8 +0.5
DRME	Dracevica, Mon	83.25 0	iP	P	00 50 39.9 +0.6
PMFAR	Matra	83.28 22	eP	P	00 50 40.8 +1.3
CXM	Morne La Croix	83.28 74	eP	P	00 50 39.9 -0.1
FFF	Fort de France	83.36 74	eP	P	00 50 39.8 -0.5
FFF		83.36 74	eP	P	00 50 40.1 -0.1
FFF		83.36 74	PF	LR	00 50 50.0 +1.0
PLD			LR	LR	
HAVZ	Havza	83.36 348	iP	P	00 50 36.6 -3.3
PMTG	Montargil	83.40 21	eP	P	00 50 40.8 +0.7
PMTG			eP	pP	00 50 51.2 -1.0
COEN	Coen	83.40 234	eP	P	00 50 40.7 +0.5
SKO	Skopje	83.45 359	P	P	00 50 41.5 +1.2
SKO		83.45 359	iP	P	00 50 41.8 +1.5
SKO		83.45 359	P	P	00 50 41.5 +1.2
SKO		83.45 359	P	P	00 50 41.5 +1.2
HOMI	Horasan	83.47 343	iP	P	00 50 41.6 +0.9
ULCI	Ulcinj	83.47 0	iP	P	00 50 40.7 +0.2
TDLG	Trilina	83.50 61	eP	P	00 50 41.4 +0.1
KKB	Krupnik	83.52 357	eP	P	00 50 41.1 -1.1
LIS	L				

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Table with columns for event name, date, time, location, and various codes. Includes events like Vila Bisbo, Kappang, Warramunga Arr, and many others.

SYO Syowa Base 163.16 2051 eP PKPpre 00 58 05.6
SYO Syowa Base 163.16 2051 ePKPdf PKPdf 00 58 14.8 +1.2
SYO Syowa Base 163.16 2051 eX pPKPdf 00 58 23.0 -3.2
SYO Syowa Base 163.16 2051 eX PKPab 00 59 03.0 -1.2
NVL N'azarevskaya 163.75 171 ePKP2 PKPab 00 59 18.9 +1.2

NIED 02 00:41:00.44:10N:148:20E, h2km, Mw3.7 Best double couple: M4.40000, 1014 NP1.276 00000, 824 00000, 2-156.00000. NP2.2.164.00000, 88.00000, 2-68.00000.

JMA 02 00:41:03.0:0.4, 44:09N:148:23E, h0km, M4.0 SKHL 02 00:41:04.0:0.2, 44:50N:148:35E, h39km, Mw3.5, mb4.5/6

ISC 02 00:41:01.1:2.3, 44:39N:0:07:148:4E:0.1, h5km, 13km, n17, c1928/27, 1C-2D, Kuril Islands

Code	Station Name	Δ° AZ°	Phase ID	Time	Res	ISC
			Op	h m s	ISC	
KUR	Kuril'sk	0.92 338	iP	00 41 18.7	0.0	
KUR	100nm,0.3s		AMB	00 41 19.4		
KUR	130nm,0.3s		AMB	00 41 19.4		
KUR	200nm,0.3s		AMB	00 41 19.4		
KUR	1μm,0.2s		A	00 41 30.5	-1.2	
KUR	590nm,0.2s		A	00 41 30.5		
SHO	Shikotan	1.22 245	iP	00 41 25.1	+0.3	
SHO	80nm,0.4s		AMB	00 41 25.3		
SHO	50nm,0.4s		AMB	00 41 25.3		
SHO	170nm,0.4s		AMB	00 41 25.3		
SHO	110nm,0.2s		A	00 41 45.5		
SHO	1μm,0.2s		A	00 41 45.5		
YUK	Yuzh-Kuril'sk	1.83 260	iP	00 41 34.6	-0.5	
YUK	70nm,0.2s		AMB	00 41 36.1		
YUK	280nm,0.2s		AMB	00 41 36.1		
YUK	440nm,0.4s		A	00 41 57.2	+0.4	
YUK	490nm,0.4s		A	00 42 04.3		
NEM2	Nemuro 2	2.15 243	P	00 41 37.8	+0.2	
JRA	Rausu	2.37 260	P	00 41 42.1	+1.4	
JNK	Nakash	2.75 254	P	00 41 47.1	+1.2	
JAK	Akkeshi	3.00 244	P	00 41 49.8	+0.5	
JAK			P	00 42 24.1	-1.5	
JTRK	Abashiri-Toko	3.23 264	P	00 41 53.8	+1.3	
JAR	Ashorobuto	3.50 243	P	00 41 58.1	+1.9	
JAW			P	00 42 38.6	+0.7	
JCH	Churui	4.04 256	P	00 42 40.7	+1.0	
JCH			P	00 42 51.0	-0.4	
YSS	Yuzh-Sakhalins	4.69 305	eP	00 42 12.4	-0.2	
YSS			AMB	00 42 13.5		
KJB	Kayabe	5.91 248	P	00 42 30.7	+1.3	
KJB			P	00 43 35.8	-1.7	
JOT	Ohata	6.15 243	P	00 42 35.5	+0.8	
JOT			P	00 43 41.0	-2.4	
UCL	Uglegorok	6.38 320	P	00 41 47.7	+1.9	
JOSM	Kokushiri-Mats	6.89 254	P	00 42 45.1	+2.4	
TYV	Tymovskoe	7.54 331	eP	00 42 51.7	+0.1	
SKR	Severo-Kuril's	8.20 37	eP	00 43 00.5	-0.1	

NEIC 02 00:42:58.0, 54:86N:160:29W, h27km, ML4.0(AEIC), After AEIC, Alaska Peninsula

Code	Station Name	Δ° AZ°	Phase ID	Time	Res	ISC
			Op	h m s	ISC	
SDPT	Sand Point	0.50 348	P	00 43 09.3	-0.1	
PS1T	Pavlov South-1	1.01 305	P	00 43 17.1	+0.3	
DRIA	Deer Island	1.15 276	P	00 43 18.4	+0.1	
DTNA	Dutton South F	1.17 285	P	00 43 19.2	-0.3	
DTNA			S	00 43 34.4	+0.2	
VNWF	Veniaminof	1.36 17	P	00 43 22.8	0.0	
VNWF			S	00 43 40.0	+0.2	
BALA	Baldy Mountain	1.48 284	P	00 43 24.8	+0.1	
VNHF	Veniaminof 1	1.51 25	P	00 43 25.1	-0.2	
ISLZ	Isanotski Laza	1.99 267	P	00 43 31.7	-1.8	
SSLS	Shishaldin Sou	2.15 268	P	00 43 34.0	+1.8	
SSLS			S	00 44 02.0	-1.9	
ANPB	Aniakchak Plen	2.25 29	P	00 43 35.1	+1.6	
ANPK	Aniakchak Peak	2.33 31	P	00 43 36.7	+2.1	
WESE	West Dahl East	2.53 263	P	00 43 39.7	+2.4	
WECS	Westdahl Cape	2.63 265	P	00 43 41.0	+2.4	
CHIR	Chirikof Islan	2.82 268	P	00 43 41.6	+0.2	
AKSA	Akutan Strait	3.24 259	P	00 43 49.5	+2.6	
PLK4	Peulik 4	3.54 37	P	00 43 54.0	+2.8	
SII	Sitkinak Isan	3.85 61	P	00 43 55.9	+0.5	
MSW	Makushin Switc	3.91 259	P	00 43 57.5	+1.2	

ISCJB 02 00:49:17.0:0.4, 54:70N:0:05:160:09W:0:05, h33km, mb4.3/16, Error ellipse: s-maj=8.2km s-min=2.6km

NEIC 02 00:49:20.3:54:89N:160:37W, h26km, ML4.0(AEIC), After AEIC

ISC 02 00:49:20.7:5.1, 55:16N:160:42W, h42km, Mw3.9/13, mb1.4/0.16, mb1mx3.7/5.7, mbtmp4.1/16, ML4.1/3, Error ellipse: s-maj=55.6km s-min=29.2km az=168.0

ISC 02 00:49:17.4:0.6, 54:72N:0:07:160:22W:0:04, h33km, n104, c1963/102, mb4.3/16, Alaska Peninsula

Code	Station Name	Δ° AZ°	Phase ID	Time	Res	ISC
			Op	h m s	ISC	
SDPT	Sand Point	0.65 347	P	00 49 29.9	-0.4	
SDPT			eSn	00 49 37.7	-1.7	
DOL	Dolgoi Island	1.05 295	P	00 49 36.1	+0.3	
PVV	Pavlov Volcano	1.12 307	P	00 49 37.3	+0.5	
PSA4	Pavlov South-4	1.14 304	P	00 49 37.5	+0.5	
DTI	Dutton Round H	1.25 289	eP	00 49 39.4	+0.8	
VNWF	Veniaminof 8	1.49 14	P	00 49 43.3	+0.7	
BALA	Baldy Mountain	1.56 289	eP	00 49 45.1	-0.5	
VNHF	Veniaminof 1	1.62 21	P	00 49 45.9	-0.9	
VNWF	Veniaminof 3	1.65 18	P	00 49 45.5	-0.8	
CHGN	Chignik	1.89 32	eP	00 49 49.0	+1.7	
CHGN			eSn	00 50 19.9	+1.7	
ISLZ	Isanotski Laza	2.03 272	P	00 49 52.0	-1.6	
SSLN	Shishaldin Nor	2.19 274	P	00 49 54.8	-1.7	
SSLN	Shishaldin Wes	2.29 273	P	00 49 55.7	-2.0	
ANPK	Aniakchak Peak	2.44 28	P	00 49 57.1	+2.2	
ANPK			S	00 50 28.2	-2.0	
ANNW	Aniakchak Nort	2.52 26	P	00 50 28.3	+2.6	
WESP	Westdahl Peak	2.63 267	P	00 50 01.5	-2.4	
WECS	Westdahl Beart	2.64 269	P	00 50 01.0	+3.3	
WECS	Westdahl Cape	2.66 268	P	00 50 01.8	-2.6	
CHIR	Chirikof Islan	2.85 65	P	00 50 02.8	+2.2	
AKSA	Akutan Strait	3.25 262	eP	00 50 10.1	+4.0	
AKUT	Akutan	3.30 262	eP	00 50 09.3	+2.7	
AKUT			eSn	00 50 46.5	+1.8	
AKGG	Akutan Green G	3.41 264	P	00 50 11.3	+3.0	
ZRO	Akutan Zero	3.43 262	P	00 50 12.5	+4.0	
PLK1	Peulik 1	3.69 32	P	00 50 12.8	+2.6	
PLK3	Peulik 3	3.71 35	P	00 50 15.1	+2.8	
UNV	Unalaska Valle	3.79 259	eP	00 50 16.0	+2.6	
UNV			eSn	00 50 57.6	+0.9	
MTBL	Makushin Table	3.86 261	eP	00 50 17.9	+3.5	
SII	Sitkinak Isan	3.89 59	eP	00 50 19.9	+2.1	
SII			eSn	00 50 58.9	+2.4	
MGOD	Makushin Gods	4.01 259	eP	00 50 20.5	+3.9	
MSOM	Makushin Julie	4.05 260	eP	00 50 20.6	+3.5	
KELA	Mouk Kelaz	4.48 32	P	00 50 25.4	+2.4	
KABR	Katmai Barrier	4.49 38	P	00 50 25.3	+2.1	
KVTA	Katmai Vly 10	4.57 35	P	00 50 26.4	+2.2	

KAKN Katmai Knife C 4.59 36 P Pn 00 51 23.2 +2.7
OHAK Old Harbor 4.63 54 ePn Sn 00 50 26.2 +1.2
OHAK 00 51 15.9 -1.6
KDAD Kodiak Island 5.25 51 P Sn 00 50 34.4 +1.0
 7.6nm, 0.3s, baz=188, slow=4.6, SNR=28 S

KDAD Kodiak Island 5.25 51 ePn Pn 00 51 29.0 -3.7
KDAD Kodiak Island 5.25 51 ePn Pn 00 51 32.8 +0.3
KDAD Kodiak Island 5.25 51 ePn Pn 00 51 37.8 +2.2
NIKH Nikolski High 5.40 255 eSn Pn 00 51 16.4 +0.4
NIKH Nikolski High 5.40 255 eSn Pn 00 51 16.4 +0.4
MCNL McNeil River 5.51 33 P Pn 00 50 40.3 +3.2
CDD Cape Douglas 5.55 38 P Pn 00 50 40.2 +2.5
SPIA Saint Paul Is 6.15 298 ePn Pn 00 50 40.8 +2.2
SVW2 Sparvehovn 6.86 19 ePn Pn 00 50 56.7 +1.2
RSO Redoubt South 7.02 32 ePn Pn 00 51 02.2 +4.3
BRLK Bradley Lake 7.15 42 ePn Pn 00 51 00.2 +0.5
BGL Barrier Glacie 7.77 29 ePn Pn 00 51 10.4 +2.3
SPU Mount Spurr 7.80 30 ePn Pn 00 51 08.3 -0.2
SLKM Skliak Lake 7.90 39 ePn Pn 00 51 11.7 +1.8
SEW Seward 7.93 43 ePn Pn 00 51 12.1 +1.9
STLK Strandline Lak 8.12 37 ePn Pn 00 51 15.0 +2.1
RC01 Rabbit Creek A 8.47 37 ePn Pn 00 51 18.5 +0.8
TT01 Tatalina 8.50 13 ePn Pn 00 51 19.1 +1.0
TTA Tatalina 8.52 13 ePn Pn 00 51 19.4 +1.0
PWL Port Wells 8.83 41 ePn Pn 00 51 24.5 +1.9
PPLA Purkeypile 9.19 24 ePn Pn 00 51 31.0 +3.3
SM Sawmill 9.46 37 ePn Pn 00 51 31.7 +2.5
JKP Jack Peak 9.63 43 ePn Pn 00 51 34.9 +1.3
SCM Sheep Creek Mo 9.83 38 ePn Pn 00 51 37.0 +0.7
KTH Kantishna Hill 10.05 24 ePn Pn 00 51 42.4 +3.0
TRF Thorofare Moun 10.13 26 ePn Pn 00 51 42.2 +1.8
KLU Klutina 10.15 42 ePn Pn 00 51 42.2 +1.8
DHY Denali Highway 10.67 33 ePn Pn 00 51 49.0 +1.1
TNA Tin City 11.53 344 ePn Pn 00 51 58.9 -0.4
TNA 4.7nm, 1.1s eSn Pn 00 54 21.7 -1.5
ILAR Eielson Array 12.09 28 P Pn 00 52 04.3 -2.8
 0.3nm, 0.3s, baz=218, SNR=11 S

ILAR Eielson Array 12.09 28 P Pn 00 52 04.3 -2.8
ILAR 0.3nm, 0.3s, baz=218, SNR=11 S
ILB Eielson Array 12.09 28 ePn Pn 00 52 04.3 -2.8
ILB 0.3nm, 0.3s, baz=218, SNR=11 S
INK Inuvik 18.41 32 ePn Pn 00 53 28.0 -1.5
INK 0.7nm, 0.3s, baz=248, slow=14, SNR=9.2 P
YKA Yellowknife Ar 24.52 53 P Pn 00 54 34.8 +1.4
 4.7nm, 1.6s eSn Pn 00 54 34.8 +1.4
YKBS Yellowknife Ar 24.52 53 eP Pn 00 54 34.8 +1.4
PEAO Petropavlovsk 24.56 284 eP Pn 00 54 36.3 +2.3
SEY Seymchan 25.32 308 eP Pn 00 54 41.7 +1.0
RES Resolute Bay 31.84 27 eP Pn 00 55 39.0 +0.4
 39nm, 1.6s eSn Pn 00 55 39.0 +0.4
YMR Madison River 32.77 87 eP Pn 00 55 46.3 -1.0
 41nm, 1.8s eSn Pn 00 55 46.3 -1.0

H1N2 WAKE ISLAND Hy 42.92 229 T T 01 43 16.9
H1N3 WAKE ISLAND Hy 42.92 229 T T 01 43 20.6
H1N1 WAKE ISLAND Hy 42.94 229 T T 01 43 20.6
H1N1 WAKE ISLAND Hy 44.09 228 T T 01 44 41.1
H1S2 WAKE ISLAND Hy 44.10 228 T T 01 44 42.8
H1S3 WAKE ISLAND Hy 44.10 228 T T 01 44 41.1
SPAO Spitsbergen Ar 47.35 1 eP Pn 00 57 46.6 -0.8
SPITS Spitsbergen Ar 47.35 1 eP Pn 00 57 46.6 -0.8
SONAO Songino Array 54.64 304 eP Pn 00 58 42.6 -0.1
SONAO Songino Array 54.64 304 eP Pn 00 58 42.6 -0.1
SONM Songino Array 54.64 304 eP Pn 00 59 45.4 +0.1
 0.6nm, 0.6s, baz=45, slow=6.5, SNR=3.8 P

ARAO ARCESS Array S 55.99 358 eP Pn 00 58 49.8 -2.1
ARCES ARCESS Array B 55.99 358 eP Pn 00 58 49.8 -2.1
ZAA1 Zalesovo Array 59.19 321 eP Pn 00 59 14.0 -0.6
ZALV Zalesovo Array 59.19 321 eP Pn 00 59 14.0 -0.6
FAIO FINES Array S 64.08 357 eP Pn 00 59 46.9 -0.6
FINES FINES Array B 64.08 357 eP Pn 00 59 46.9 -0.6
NB20 NORARS Array S 64.39 5 eP Pn 00 59 49.5 -0.1
NB20 NORARS Array B 64.39 5 eP Pn 00 59 49.5 -0.1
NOA NORARS Array B 64.39 5 eP Pn 00 59 49.5 -0.1
MKAR Makanchi Array 65.94 318 eP Pn 00 59 58.8 -1.0
MKAR Makanchi Array 65.94 318 eP Pn 00 59 58.8 -1.0
AKAB Akbulak array 71.05 333 eP Pn 01 00 31.8 +0.1
AKAS Malin Array Ba 74.66 354 eP Pn 01 00 52.5 -0.5
AKKB Malin Array Si 74.66 354 eP Pn 01 00 52.5 -0.5
AKKB Malin Array Si 74.66 354 eP Pn 01 00 52.5 -0.5
GE2C GERES Array S 76.69 4 eP Pn 01 01 04.6 -0.2
GERES GERES Array B 76.69 4 eP Pn 01 01 04.6 -0.2
CM31 Chiang Mai Arr 81.22 289 eP Pn 01 01 30.9 +1.0
CMAR Chiang Mai Arr 81.22 289 eP Pn 01 01 30.9 +1.0
ALIB Alibek 82.03 330 P Pn 01 01 34.8 +0.8
ES19 SONSECA Array 83.79 18 eP Pn 01 01 44.5

Table with columns: AAK, 7.3nm, 0.3s, baz=137, slow=11, SNR=64, Sn, Sb, 04 07 17.6 +1.3, etc.

Table with columns: TNA, Tin City, 11.46 344 ePh, Pn, 04 25 25.1 +0.5, etc.

Table with columns: USRK, Ussuriysk Arr, 19.25 335 P, P, 04 53 19.2 -1.2, etc.

GUC 02 04:23:00.8, 0.6, 21.97S, 68.60W, h135km, gkm, ML3.7, 1C, Chile-Bolivia border region

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

ROM 02 04:42:45.0, 0.1, 42.40N, 133.35E, h13km, 1gkm, Md1.6/4, Mt1.2/4, Error ellipse: s-maj=1.9km s-min=0.6km az=61.0, Central Italy

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

Table with columns: NKL, Nikolayevsk, 26.00 356 eP, P, 04 54 31.0 +2.2, etc.

CD2 02 04:58:00, 14.9S, Chengdu

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

IDC 02 04:22:34.9, 3.1, 54.40N, 160.00W, h0km, mb3.7/6, mb1 3.7/8, mb1mx3.5/43, mbtmp3.6/8, ML3.1/2, MS3.0/1, Ms1 3.0/1, ms1mx2.6/53, Error ellipse: s-maj=78.1km s-min=23.4km az=154.0

ISCJB 02 04:22:43.8, 0.7, 54.83N, 160.07W, 0.17, h65km, 6km, mb3.6/7, Error ellipse: s-maj=13.0km s-min=3.7km az=153.9

NEIC 02 04:22:44.6, 54.85N, 160.32W, h28km, ML3.4(AEIC), After AEIC

ISC 02 04:22:43.9, 1.4, 54.78N, 0.1, 160.22W, 0.05, h46km, 12km, n48, e194252, mb3.8/7, Alaska Peninsula

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

BUJ 02 04:48:53.4, 27.00N, 143.21E, h10km, mb4.5/49, mb4.9/33, Ms4.6/21, Ms7 4.4/20

IDC 02 04:48:53.7, 0.5, 27.16N, 143.37E, h0km, mb4.3/23, mb1 4.5/29, mb1mx4.4/47, mbtmp4.3/29, ML3.7/6, MS3.4/6, Ms1 3.4/6, ms1mx3.1/52, Error ellipse: s-maj=14.1km s-min=12.5km az=88.0

ISCJB 02 04:48:54.2, 1.1, 27.22N, 0.0, 143.32E, 0.04, h10km, 6km, mb4.5/65, MS3.9/7, Error ellipse: s-maj=6.4km s-min=5.5km az=143.5

NEIC 02 04:48:55.8, 0.3, 27.11N, 143.30E, h10km, mb4.7/28, Error ellipse: s-maj=7.3km s-min=6.5km az=171.0

MOS 02 04:48:55.0, 0.6, 27.13N, 143.29E, h25km, mb4.8/19, Error ellipse: s-maj=14.1km s-min=7.2km az=117.6

JMA 02 04:48:57.0, 3.0, 27.30N, 143.31E, h76km, M4.1

ISC 02 04:48:56.3, 1.3, 27.19N, 0.06, 143.26E, 0.05, h12km, 7km, n137, e1959/154, mb4.5/65, MS4.0/7, 5C-9D, Bonin Islands region

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

SONM Songino Array, 35.31 316 eP, P, 04 55 51.0 +0.2

SONM Songino Array, 35.31 316 eP, P, 04 55 51.0 +0.2

SONM Songino Array, 35.31 316 eP, P, 04 55 51.0 +0.2

SONM Songino Array, 35.31 316 eP, P, 04 55 51.0 +0.2

SONM Songino Array, 35.31 316 eP, P, 04 55 51.0 +0.2

SONM Songino Array, 35.31 316 eP, P, 04 55 51.0 +0.2

SONM Songino Array, 35.31 316 eP, P, 04 55 51.0 +0.2

SONM Songino Array, 35.31 316 eP, P, 04 55 51.0 +0.2

SONM Songino Array, 35.31 316 eP, P, 04 55 51.0 +0.2

SONM Songino Array, 35.31 316 eP, P, 04 55 51.0 +0.2

SONM Songino Array, 35.31 316 eP, P, 04 55 51.0 +0.2

SONM Songino Array, 35.31 316 eP, P, 04 55 51.0 +0.2

SONM Songino Array, 35.31 316 eP, P, 04 55 51.0 +0.2

SONM Songino Array, 35.31 316 eP, P, 04 55 51.0 +0.2

SONM Songino Array, 35.31 316 eP, P, 04 55 51.0 +0.2

SONM Songino Array, 35.31 316 eP, P, 04 55 51.0 +0.2

SONM Songino Array, 35.31 316 eP, P, 04 55 51.0 +0.2

SONM Songino Array, 35.31 316 eP, P, 04 55 51.0 +0.2

SONM Songino Array, 35.31 316 eP, P, 04 55 51.0 +0.2

SONM Songino Array, 35.31 316 eP, P, 04 55 51.0 +0.2

SONM Songino Array, 35.31 316 eP, P, 04 55 51.0 +0.2

SONM Songino Array, 35.31 316 eP, P, 04 55 51.0 +0.2

SONM Songino Array, 35.31 316 eP, P, 04 55 51.0 +0.2

SONM Songino Array, 35.31 316 eP, P, 04 55 51.0 +0.2

SONM Songino Array, 35.31 316 eP, P, 04 55 51.0 +0.2

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

ISCJB 02 05:29:17.8:0.6,36.47N:0.04:70.94E:0.08,h200km, mb3.3/7, Error ellipse: s-maj=9.1km s-min=4.9km

IDC 02 05:29:18.0:3.9,36.41N:70.95E,h195km,35km,mb3.3/8, mb1.3/4.12,mb1mx3.7/5.4,mbtmp3.9/12,MS3.3/1, Ms1.3/4.1,ms1.7/2.5, Error ellipse: s-maj=27.7km s-min=18.6km az=10.0

NNC 02 05:29:27.1:2.8,37.10N:70.91E,h227km,43km,mb2.7, mpv3.7, Error ellipse: s-maj=29.6km s-min=18.3km az=10.0

ISC 02 05:29:18.6:0.36,48N:0.07:71.11E:0.09,h200km,n36, e176/38,mb3.5/7,5C-3D,Afghanistan-Tajikistan border region

Main table of station data for the left page, including stations like AML Almayashu, MNAS Manas, UCH Uchtor, etc.

ISCJB 02 05:30:35.8:0.8,28.56S:0.04:70.88W:0.08,h73km,9km, Error ellipse: s-maj=12.2km s-min=6.0km az=5.4

SJA 02 05:30:36.1:0.4,28.66S:70.57W,h169km,10km,ML3.2

GUC 02 05:30:36.0:0.6,28.59S:70.73W,h74km,3km,ML3.1

ISC 02 05:30:36.8:1.5,28.55S:0.04:70.88W:0.08,h66km,11km,n13, e075/19,Central Chile

Table of station data for the bottom left section, including stations like VACH Vallanar, CPCH Copiapo, etc.

Table with columns: AVFE, Valle Fertil, Pn, 05 31 29.5 -1.3, 05 32 18.5. Includes AUSA Uspallata, CUYA Choyta.

NEIC 02 05:46:26.3:57.65N:138.13W,h1km,ML2.6(AEIC), ML2.9(OTT),After OTT. PGC 02 05:46:26.3:4.6,57.65N:138.13W,h1km,ML2.9/3, 180km Wnw of Sitka, Ak Off Coast Of Southeastern Alaska, Off coast of southeastern Alaska

Table of station data for the top middle section, including stations like DHAK Deception Hill, PLBC Pleasant Camp, etc.

ISCJB 02 05:50:57.7:1.5,36.02N:0.07:72.14E:0.10,h106km,7km, Error ellipse: s-maj=11.9km s-min=7.7km az=1.3

CSEM 02 05:50:57.2:1.0,35.98N:29.16E,h10km,MD3.1, Error ellipse: s-maj=20.1km s-min=8.6km az=179.0

ISK 02 05:50:58.0,36.08N:29.18E,h16km,MD2.8

DDA 02 05:50:59.8,36.20N:29.13E,h7km,MD3.1

ISC 02 05:50:58.5:2.1,36.10N:0.09:72.16E:0.04,h9km,12km, n20, e069/30,Turkey

Table of station data for the middle section, including stations like AKAS Kas, FETY Fethiye, etc.

GCMT 02 06:04:00.0:0.8,4:59S:104.81W,h29km,2km,MW4.9/68, Moment Tensor Solution. s22,c22; s68,c82; Duration: 0 Moment tensor: Scale 1016Nm; Mr-0.31;19; Mw0.33;15; Mw0.02;17; Mw0.20;25; Mw0.25;9;14; Mw0.43;24; Best double couple: M2.64500x1016

NP1.3x0.0000; 0.84.00000; A-1.70.00000; NP2: 0.2570, P1g3.0000; Azm137.0000; N-0.2220; P1g7.0000; Azm34.0000; P-2.5340, P1g11.0000; Azm227.0000; nsta1 refers to surface waves, cutoff=5.0s. nsta2 refers to surface waves, cutoff=5.0s.

IDC 02 06:04:02.1:6.8,3.72S:104.53W,h0km,mb3.5/5, mb1.3/9.5,mb1mx3.7/23,mbtmp3.5/5,MS3.8/13, Ms1.3/8.13,ms1mx3.7/23, Error ellipse: s-maj=220.3km s-min=143.5km az=89.0,Central East Pacific Rise

Main table of station data for the middle right section, including stations like CMIG Matias Romero, H06S1 SOCORRO T, etc.

ISCJB 02 06:28:13.1:0.5,6.42S:0.04:128.21E:0.09,h400km, mb3.3/7, Error ellipse: s-maj=11.6km s-min=5.9km az=1.7

IDC 02 06:28:14.0:2.0,6.43S:128.33E,h399km,2km,mb3.1/7, mb1.3/3.11,mb1mx3.1/43,mbtmp4.0/11, Error ellipse: s-maj=41.2km s-min=9.4km az=82.0

DJA 02 06:28:19.6:0.4,7.3S:12.92E,h10km,M4.3/8,mb4.5/3, ML4.2/8

ISC 02 06:28:14.3:0.7,6.42S:0.06:128.3E:0.1,h400km,n17, e168/20,mb3.0/7,Banda Sea

Table of station data for the top right section, including stations like AAI Ambon, KRAI Karang Ratu, etc.

NNC 02 06:37.3:4.1,45.40N:80.87E,h0km,mb2.6,mpv2.3, Error ellipse: s-maj=23.3km s-min=6.6km az=120.0

SOME 02 06:37:32.2,45.45N:80.40E,h25km

ISC 02 06:37:28.7:1.6,45.48N:0.05:80.55E:0.05,h2km,1.6km, n10, e084/18,3C-3D,Kazakhstan-Xinjiang border region

Table of station data for the middle right section, including stations like KAPS Kapalarasan, DJR Jarjant, etc.

DDA 02 06:57:48.7:42.19N:43.81E,h3km,MD3.0

CSEM 02 06:57:48.9:0.5,42.56N:43.66E,h5km,MD3.0, Error ellipse: s-maj=12.6km s-min=6.9km az=81.0

ISC 02 06:57:50.0:2.2,42.54N:0.10:43.6E:0.1,h9km,10km,n12, e055/23,Western Caucasus

Table of station data for the bottom right section, including stations like ONI Oni, CHVG Ch'k'valeri, etc.

IDC 02 07:01:25.6:3.0,43.21S:15.07W,h0km,mb4.2/5, mb1.4/3.5,mb1mx3.9/22,mbtmp4.2/5,MS3.7/5,Ms1.3/7.5, ms1.4mx3.2/7, Error ellipse: s-maj=103.4km s-min=35.7km az=152.0,Southern Mid-Atlantic Ridge

Table of station data for the bottom right section, including stations like H10S2 ASCENSION HYDR34, H10S3 ASCENSION HYDR34, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Sjenica, Ivanjica, Vitosh, Zavojo, Gruz, etc.

ISC/JB 02 08:53:32.7:0.5,32.15N:0.02:115.22W:0.03,h0km,4km, Error ellipse: s-maj=4.6km s-min=3.3km az=5.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Cerro Prieto, East Mesa, El Chiner, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Cerro Bola, Monument Peak, Esteban Cantu, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Cerro Bola, Monument Peak, Esteban Cantu, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Cerro Bola, Monument Peak, Esteban Cantu, etc.

ISC/JB 02 08:58:43.8:0.9,61.07N:0.04:29.10E:0.09,h0km, Error ellipse: s-maj=7.5km s-min=4.7km az=42.3

CSEM 02 08:58:45.5:0.4,61.03N:29.05E,h1km,ML1.9, Error ellipse: s-maj=8.0km s-min=4.5km az=132.0, Mining explosion.

HEL 02 08:58:47.1:0.3,60.99N:29.06E,h0km,ML1.9, Explosion BER 02 08:58:47.9:2.7,61.02N:29.07E,h0km,ML2.3(NAO), Suspected explosion

NAO 02 08:58:47.9:1.9,61.01N:28.99E,ML2.3 ISC 02 08:58:46.1:1.1,61.00N:28.99E:0.06,h0km,n23, +r136/39,Finland-Karelia border region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Virojoki, FINESS Array S, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like NORARS Subarra, ARCES Array S, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Obninsk, Main Array B, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Obninsk, Main Array B, etc.

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

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

ISC 02 09:02:45.6:1.6,54.71N:83.77E,h0km,mb1 3.0/3, mb1mx2.9/43,mbtp3.0/3,ML2.7/3, Error ellipse: s-maj=15.3km s-min=8.7km az=16.0, Southwestern Siberia

ISC 02 09:21:48.3:1.9,19.75S:168.76E,h0km,mb4 1/8, mb1 4.3/9,mb1mx4.0/41,mbtp4.1/9,ML3.4/1,MS3.2/2, Ms1 3/2.2,ms1mx2.9/24, Error ellipse: s-maj=62.5km s-min=20.7km az=135.0

ISC 02 09:21:51.7:1.9,19.75S:168.76E:0.3,h35km,mb4 0/8, Error ellipse: s-maj=5.1km s-min=10.2km az=34.3

ISC 02 09:21:53.3:1.8,19.83S:0.2:168.8E:0.3,h35km,n12, +r102/12,mb4 0/3,Vanuatu Islands

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

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

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

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

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

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

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

ISC 02 09:26:47.0:0.5,3:02S:130.11E,h0km,mb4 3/18, mb1 4.4/22,mb1mx4.3/49,mbtp4.3/22,ML4.5/4,MS3.8/7, Ms1 3.8/7,ms1mx3.4/31, Error ellipse: s-maj=22.5km s-min=12.1km az=81.0

BUI 02 09:26:48.1:3.56S:130.09E,h34km,mb4 6/34,mb5.1/15, Ms4.7/16,Ms7.4/4/17

ISC/JB 02 09:26:51.8:0.5,3:06S:0.03:130.09E:0.03,h45km,4km, mb4 5/46,MS3.9/7, Error ellipse: s-maj=5.1km s-min=4.6km az=178.8

NEIC 02 09:26:52.8:0.7,3:05S:130.09E,h40km,6km,mb4 6/15, Error ellipse: s-maj=7.4km s-min=4.6km az=57.0

DJA 02 09:26:53.6:0.3,3:4:13:0E:,h57km,10km,ML4 8/11, ML2.5/3/1,mb5.2/4,MLV4 6/11,Muv(B)4 8/1

ISC 02 09:26:53.1:0.9,3:06S:0.03:130.05E:0.04,h41km,8km, n91,+r162/101,mb4 5/46,MS3.9/7,1C,Seram

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

SOEI	Soe	8.79 221	Pn	Pn	09 29 05.4 +7.6
SOEI	Soe	8.79 221	Pn	Pn	09 29 58.1 +0.3
MTN	Manton Dam	9.78 174	ePn	Pn	09 29 11.5 +0.3
GENI	Genyem	10.11 88	P	Pn	09 29 17.7 +1.9
KAPI	Kappang	10.45 259	Pn	Pn	09 29 20.5 -0.1
KAPI	LR			LR	09 34 15.3
KAPI	comp=Z,530nm,20.5s,baz=84,slo=43			Pn	09 29 22.2 +1.7
FITZ	Fitzroy Crossi	15.56 196	Pn	Pn	09 30 27.0 -2.7
FITZ	LR			Sn	09 33 17.5 -3.6
FITZ	comp=Z,167nm,20.9s,baz=42,slo=39			LR	09 36 50.8
FITZ	Fitzroy Crossi	15.56 196	ePn	Pn	09 30 29.3 -0.4
FITZ	17nm,0.7s			Sn	09 33 17.5 -3.6
COEN	Coen	16.89 131	ePn	Pn	09 30 46.2 -0.4
WRAB	Tennant Creek	17.29 166	ePn	Pn	09 30 50.4 -1.1
WRAB	71nm,1.4s			Pn	09 30 49.3 -2.3
WRA	Warramunga Arr	17.29 166	P	Sn	09 33 53.9 -9.2
WRA	2.8nm,0.3s,baz=346,slo=11,SNR=37			S	
WRA	1.3nm,0.3s,baz=336,slo=25,SNR=5.2			LR	09 38 28.0
KSM	Kuching	20.25 283	eP	P	09 31 25.9 +0.7
AS31	Alice Springs	20.82 170	eP	P	09 31 31.4 +0.1
ASAR	Alice Springs	20.82 170	eP	P	09 31 31.4 +0.1
ASAR	42nm,0.6s,baz=350,slo=10,SNR=442			S	
ASAR	11nm,0.7s,baz=349,slo=18,SNR=13			S	
ASO1	Alice Springs	20.83 170	eP	P	09 31 31.0 -0.4
LEM	Lembang	22.66 260	LR	LR	09 42 08.3
CTA	Charters Water	23.16 138	P	P	09 31 56.8 +0.7
CTA	7.3nm,0.6s,baz=64,slo=15,SNR=3.0			P	
MYKOM	Kota Tinggi	26.63 280	eP	P	09 32 29.1 +1.0
JOW	Kunigami	29.77 357	LR	LR	09 44 10.4
STKA	Stephens Creek	30.65 160	P	P	09 33 03.4 -0.4
STKA	10nm,0.8s,baz=349,slo=6.3,SNR=14			LR	09 45 41.9
STKA	comp=Z,268nm,19.6s,baz=358,slo=37			P	09 33 04.0 +0.3
PSI	Prapat	31.66 280	eP	P	09 33 11.3 -1.7
PSI	9.3nm,0.8s			P	
KHON	Khomkaen	33.10 306	P	P	09 33 26.4 +0.9
CHAI	Chaiyaphum	33.55 305	P	P	09 33 30.2 +0.8
CHAI	6.9nm,0.8s			P	
NONG	Nongkai	33.82 309	P	P	09 33 35.1 +3.4
LOEI	Loei	34.99 307	P	P	09 33 39.8 -2.1
LOEI	59nm,0.8s,3um			P	
UTHA	Uthaitani	35.49 302	P	P	09 33 47.4 +1.2
UTHA	3.6nm,0.8s,86nm			P	
UTTA	Uttaradit	35.69 306	P	P	09 33 48.8 +1.0
UTTA	3.6nm,1.0s			P	
SUKH	Sukhothai	36.30 305	P	P	09 33 54.6 +1.6
NJ2	Nanjing	36.51 344	eP	P	09 33 54.8 +0.2
NJ2	comp=Z,5.0nm,0.7s			P	
LAMP	Lampang	36.84 307	P	P	09 33 59.0 +1.3
LAMP	4.5nm,0.8s			P	
GYA	Guyang	37.05 324	eP	P	09 34 01.0 +1.5
GYA	comp=Z,10.0nm,0.9s			P	
CRAI	Chiangrai	37.20 310	P	P	09 33 58.3 -2.5
CRAI	299nm,1.2s,5um			P	
CM01	Chiang Mai Arr	37.33 306	eP	P	09 34 02.5 +0.6
CMAR	Chiang Mai Arr	37.36 306	P	P	09 34 03.0 +0.9
CMAR	2.2nm,0.4s,baz=140,slo=9.0,SNR=19			P	
CMMT	Chiang Mai	37.54 307	P	P	09 34 04.5 +0.8
CMMT	16nm,0.8s			P	
CHTO	Chiang Mai	37.55 307	P	P	09 34 04.6 +0.9
CHTO	72nm,0.8s			P	
CHTO	Chiang Mai	37.55 307	eP	P	09 34 04.0 +0.3
KMI	Kumming	38.57 318	P	P	09 34 14.2 +1.7
KMI	comp=Z,7.0nm,0.7s			P	
KMI	comp=Z,100nm,4.2s			P	
MJAR	Matsushiro Arr	40.13 10	P	P	09 34 22.9 -2.2
MJAR	1.7nm,0.8s,baz=180,slo=7.6,SNR=4.1			P	
KSAR	Wonju Array Be	40.35 357	P	P	09 34 26.1 -0.8
KSR5	Korea Array	40.36 357	P	P	09 34 26.1 -0.8
KSR5	0.8nm,0.6s,baz=176,slo=9.7,SNR=8.4			P	
CD2	Chengdu	42.07 325	P	P	09 34 41.5 +0.3
CD2	comp=Z,10.0nm,0.5s			P	
BJT	Baijiatou	44.73 345	eP	P	09 35 01.6 -0.8
BJT	3.6nm,0.8s			P	
BJI	Beijing	44.74 345	P	P	09 35 04.4 +1.9
BJI	comp=Z,5.0nm,0.7s			P	
BJI	comp=N,250nm,6.1s			LR	
BJI	comp=E,100nm,6.7s			LR	
BJI	comp=N,160nm,12.3s			LR	
LZH	Lanzhou	46.01 330	eP	P	09 35 18.7 +5.9
LZH	3.9nm,0.7s			pP	
LZH	comp=Z,1.7nm,1.0s			pP	
LNZ	Lanzhou	46.01 330	eP	P	09 35 27.9 -1.2
LNZ	3.9nm,0.7s			pP	
LNZ	comp=Z,1.7nm,1.0s			pP	
CN2	Changchun	46.83 355	eP	P	09 35 21.5 +2.6
CN2	comp=Z,10.0nm,0.7s			P	
CN2	comp=N,200nm,15.0s			LR	
CN2	comp=E,200nm,15.0s			LR	
CN2	comp=Z,200nm,17.0s			LR	
HHC	Hu-ho-hao-te	46.85 341	eP	P	09 35 21.5 +2.2
HHC	comp=Z,5.0nm,0.8s			P	
HHC	comp=N,160nm,12.3s			LR	
HHC	comp=E,100nm,12.3s			LR	
HHC	comp=Z,46nm,12.3s			LR	
USRK	Ussuriysk Ar.	47.08 2	P	P	09 35 20.9 0.0
GTA	Gaotai	50.59 330	eP	P	09 35 48.8 +0.7
GTA	1.5nm,0.6s,baz=181,slo=8.6,SNR=7.8			pP	
GTA	comp=Z,4.0nm,0.9s			pP	
GTA	comp=Z,120nm,4.5s			pP	
GTA	comp=N,170nm,13.3s			LR	
GTA	comp=E,230nm,17.1s			LR	
GTA	comp=Z,250nm,13.3s			LR	
ULN	Ulanbaatar	54.57 341	eP	P	09 36 17.6 +0.2
ULN	3.9nm,0.7s			P	
SONM	Songino Array	54.76 341	P	P	09 36 19.2 +0.5
SONM	1.3nm,0.7s,baz=150,slo=7.3,SNR=9.0			P	
SONM	0.6nm,0.7s,baz=174,slo=4.1,SNR=11.8			P	
SONM	1.2nm,0.6s,baz=123,slo=7.2,SNR=16			P	
KSH	Kashi	65.19 316	eP	P	09 37 31.2 +0.6
KSH	comp=Z,1.7nm,1.0s			pP	
KSH	comp=Z,1.7nm,1.0s			pP	
KSH	comp=Z,1.7nm,1.0s			pP	
KSH	comp=Z,1.7nm,1.0s			pP	
KSH	comp=Z,1.7nm,1.0s			pP	
KSH	comp=Z,1.7nm,1.0s			pP	
KSH	comp=Z,1.7nm,1.0s			pP	
KSH	comp=Z,1.7nm,1.0s			pP	
KSH	comp=Z,1.7nm,1.0s			pP	
KSH	comp=Z,1.7nm,1.0s			pP	

KSH	S	S	09 46 07.5 -3.6		
KSH	ScS	SKSac	09 47 18.7 -4.0		
KSH	pmax	pmax			
KSH	comp=Z,3.0nm,0.3s				
KSH	comp=Z,180nm,5.9s				
KSH	comp=N,120nm,7.2s				
KSH	comp=E,67nm,5.0s				
KSH	comp=Z,160nm,5.3s				
TKM2	Tokmak 2	67.02 320	eP	P	09 37 42.3 0.0
ZALV	Zalesovo Beam	68.11 333	P	P	09 37 47.6 -1.0
KURK	Kurchatov	69.22 328	eP	P	09 37 55.5 -0.2
VNDA	Vanda	72.33 173	P	P	09 38 37.8 +0.4
GEYT	Alibek	77.74 310	P	P	09 38 44.4 -1.7
NRKI	Narik	77.76 310	P	P	09 38 45.6 0.0
MAW	Mawson	78.61 201	P	P	09 38 50.2 0.0
ABKAR	Aktubai array	79.48 321	eP	P	09 38 55.5 +0.1
AKTO	Aktubinsk	81.02 322	P	P	09 39 03.6 -0.1
ARU	Arti	82.42 328	P	P	09 39 10.9 +0.1
RAYN	Ar Rayn	86.22 294	eP	P	09 39 31.6 +0.6
SYO	Syowa Base	87.33 2011	eP	P	09 39 34.4 -1.0
ILAR	Eielson Array	89.78 25	P	P	09 39 44.6 -0.6
INK	Inuvik	95.21 22	P	P	09 40 11.1 -0.9
STHS	Stebnicka Huta	104.50 320	PDIF	PDIF	09 40 54.7 +3.3
TORD	Torondi Ar. Bea	128.00 24	PKP	PKP	09 40 55.7 0.0
CPUP	Villa Florida	149.92 167	PKPbc	PKPbc	09 46 40.1 +0.3
LPAZ	La Paz	153.68 137	PKPbc	PKPbc	09 46 49.5 +0.1

IDC 02:09:35:53.4:324.0,56:17N:44:14E, h0km, Error ellipse: s-maj=129.6km s-min=78.6km az=106.0, Baltic States-Belarus-Northwestern Russia

Code	Station Name	Δ°	AZ°	Op	Phase ID	Time h m s	Res h m s	ISC
I43RU	DUBNA INFRASON	3.88	281	i		10 00 00.0		
I31KZ	AKTYUBINSK INF	10.12	119	i		10 40 20.0		
I46RU	ZALESOVO INFRA23.7	78	i			11 57 30.0		

KRNET 02:09:39:17.1±0.1, 42.63N:75.14E, h16km, mb2.9
 KNET 02:09:39:17.1±0.5, 42.64N:75.14E, h8km, 9km, ml2.0, Error ellipse: s-maj=2.5km s-min=1.9km az=153.0

SOME 02:09:39:18.3, 42.75N:75.05E, h5km
 NNC 02:09:39:18.1±1.0, 42.73N:75.09E, h0km, mb2.9, mpv2.7, Error ellipse: s-maj=35.6km s-min=2.3km az=160.0

ISC 02:09:39:17.5±0.9, 42.63N:0.02:75.14E:0.02, h12km, 7km, n43, c05678, 38C-18D, Lal, Issyk-Kul region

Code	Station Name	Δ°	AZ°	Op	Phase ID	Time h m s	Res h m s	ISC
KBK	Karagaybulak	0.14	280	iP		09 39 21.0 0.0		
KBK	baz=281			iP		09 39 23.3 -0.3		
KBK	Karagaybulak	0.14	280	iP		09 39 21.1 0.0		
KBK	163nm,0.2s,SNR=458			iP		09 39 23.6 -0.1		
TKM2	Tokmak 2	0.44	49	iP		09 39 26.2 -0.1		
TKM2	42nm,0.2s			iP		09 39 26.2 -0.1		
TKM2	54nm,0.2s			iP		09 39 32.1 -0.2		
TKM2	Tokmak 2	0.44	49	iP		09 39 26.2 -0.1		
TKM2	baz=49			iP		09 39 32.1 -0.2		
TKM2	Tokmak 2	0.44	49	iP		09 39 26.2 -0.1		
TKM2	58nm,0.1s,SNR=57			iP		09 39 32.3 -0.1		
CHMS	Chumysh	0.46	322	iP		09 39 26.5 -0.2		
CHMS	baz=322			iP		09 39 32.8 0.0		
CHMS	Chumysh	0.46	322	iP		09 39 26.7 0.0		
CHMS	12nm,0.1s,SNR=73			iP		09 39 33.0 +0.2		
AAK	Ala-Archa	0.47	270	iP		09 39 26.8 -0.2		
AAK	4.3nm,0.3s			iP		09 39 33.4 +0.2		
AAK	19nm,0.3s			iP		09 39 26.7 -0.2		
AAK	baz=271			iP		09 39 33.4 +0.2		
AAK	Ala-Archa	0.47	270	iP		09 39 26.8 -0.2		
AAK	11nm,0.2s,SNR=55			iP		09 39 33.6 +0.4		
KZA	Kyzart	0.56	171	iP		09 39 28.5 0.0		
KZA	baz=172			iP		09 39 35.9 -0.1		
KZA	Kyzart	0.56	171	P		09 39 28.7 +0.2		
KZA	59nm,0.1s,SNR=180			iP		09 39 36.2 +0.2		
BOOM	Boomsokoye usch	0.61	103j	eP		09 39 29.4 0.0		
BOOM	baz=103			eP		09 39 37.3 -0.2		
UCH	Uchtor	0.61	229	iP		09 39 29.2 -0.3		
UCH	baz=230			iP		09 39 37.2 -0.6		
UCH	baz=230			iP		09 39 29.3 -0.3		
UCH	12nm,0.2s,SNR=31			iP		09 39 37.5 -0.2		
BMNS	Besnoynak	0.61	39	eP		09 39 29.7 +0.2		
BMNS	8.0nm,0.1s			eP		09 39 38.3 -0.7		
KST	Kastek	0.73	56	eP		09 39 31.7 -0.1		
KST	5.5nm,0.1s			eP		09 39 41.6 +0.2		
DGS	Degeres	0.77	37	eP		09 39 32.6 -0.3		
DGS	15nm,0.3s			eP		09 39 42.9 -0.5		
USP	Ospenovka	0.79	324	iP		09 39 42.6 -0.5		
USP	baz=324			iP		09 39 32.5 -0.3		
USP	Ospenovka	0.79	324	iP		09 39 42.6 -0.5		
USP	41nm,0.2s,SNR=86			iP		09 39 43.1 -0.1		
ULHL	Ulahol	0.90	115f	eP		09 39 34.4 -0.6	</	

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

NNC 02 12:24:30.3, 6.3, 37.91N-71.71E, h0km, mb3.2, mpv2.7, Error ellipse: s-maj=51.0km s-min=42.7km az=140.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MNAS, AAK, KK31, etc.

ICD 02 12:29:10.2, 3.5, 5.72S-147.08E, h0km, mb3.2/2, mb1 3.5/3, mb1mx3.2/29, mbtmp3.2/3, ML3.0/1, Error ellipse: s-maj=171.0km s-min=29.1km az=122.0

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

TRN 02 12:40:57.5, 17.54N-63.38W, h166km, MD5.1 TRN Felt in St. Maarten, Anguilla and St. Johns. V.I. MM Intensity II.

ISCJIB 02 12:40:58.0, 0.1, 17.41N-02.63, 46W, 0.2, h164km, 1km, mb5.0/139, Error ellipse: s-maj=3.4km s-min=2.3km az=37.6

GCMT 02 12:40:58.0, 0.3, 17.51N-63.54W, h154km, 2km, MW5.1/99, Moment Tensor Solution. s25, c32, s99, c144, Duration: 0. Moment tensor: Scale 10^19Nm, Mrr=1.94e-11, Mtt=0.04e-11, Mtt=0.02e-11, Mtt=1.27e-18, Mtt=2.10e-09, Best double couple, M=1.1, 1600x1016 NP1=42.00000, 866.00000, lambda=149.00000, NP2: 299.00000, 861.00000, lambda=27.00000, Principal axes: T 4.8730, P1g3.0000, Azm170.0000, P -0.3130, P1g51.0000, Azm76.0000, P -4.5600, P1g38.0000, Azm262.0000; nsta1 refers to body waves, cutoff=50s. nsta2 refers to surface waves, cutoff=50s.

ICD 02 12:40:58.5, 0.6, 17.28N-63.51W, h159km, 5km, mb4.4/25, mb1 4.6/29, mb1mx4.5/37, mbtmp4.9/29, MS3.4/5, Ms1 3.4/5, ms1mx3.2/28 Error ellipse: s-maj=9.5km s-min=7.8km az=92.0

BJJ 02 12:40:58.5, 17.40N-63.50W, h158km, mb5.3/9, MOS 02 12:40:59.1, 0.9, 17.42N-63.51W, h171km, mb5.0/30, Error ellipse: s-maj=10.6km s-min=5.1km az=126.6

NEIC 02 12:40:59.2, 0.2, 17.35N-63.47W, h161km, 1km, mb5.2/103, MD5.1 (TRN), Error ellipse: s-maj=3.5km s-min=2.2km az=219.0

NEIC Felt [V] at Phillipsburg, [II] at Cole Bay, Cul de Sac and Princess Quarter, [II] at Marigot, Saint Martin. Felt [IV] at The Valley, Anguilla and [III] on Saint-Barthelemy. Felt [III] on Saint John and Tortola, Virgin Islands. Also felt on Saint Thomas. Felt [II] at San Juan, Puerto Rico. Felt widely in eastern Puerto Rico and as far as Tunapuna, Trinidad.

ISC 02 12:40:59.1, 0.4, 17.36N-03.63, 45W, 0.03, h162km, 2km, h162km, pp-P, h883, c08, 82/959, mb5.0/139, 8C-5D, Leeward Islands

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

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SJG, MDN, DSHT, etc.

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

2d 12h

337A	Centerville	32.52 301	P	P	12 47 15.9 +1.3
537A	Green Hill Far	32.52 299	P	P	12 47 15.7 +1.0
437A	Phantom Ranch,	32.52 300	P	P	12 47 15.9 +0.7
GLMI	Grayling	32.64 332	eP	P	12 47 16.8 +1.3
237A	Washetta, Mont	32.67 303	P	P	12 47 16.3 +0.3
R40A	Maddies Statio	32.71 315	P	P	12 47 16.0 -0.2
VLD0	Val d'Or	32.75 343	eP	P	12 47 18.3 +1.9
W38A	Poteau	32.80 309	P	P	12 47 18.0 +1.0
137A	Heron Place, G	32.82 304	P	P	12 47 17.7 +0.5
T39A	Clevo	32.84 313	P	P	12 47 17.3 -0.1
X38A	Whitesboro	32.87 308	P	P	12 47 18.2 +0.6
736A	Circle Diamond	32.88 297	P	P	12 47 19.1 +1.4
Z37A	Pogue Cattle C	32.92 305	P	P	12 47 18.5 +0.4
Q40A	Laux Farm, Aux	32.96 317	P	P	12 47 18.3 -0.1
636A	Enono	32.99 298	P	P	12 47 19.5 +0.7
V38A	Canehill	33.05 310	P	P	12 47 19.3 +0.1
436A	Wall Ranch, Ga	33.11 300	P	P	12 47 20.0 +0.3
S39A	Bolivar	33.12 314	P	P	12 47 19.6 -0.2
536A	Castrop	33.15 299	P	P	12 47 20.2 +0.1
Y37A	Hugo	33.20 306	P	P	12 47 21.0 +0.4
SIV	San Ign	33.22 176	P	P	12 47 19.8 -1.0
P40A	Paris	33.23 318	P	P	12 47 20.4 -0.3
R39A	Chumby, Stover	33.24 315	P	P	12 47 20.4 -0.4
X37A	Clayton	33.24 307	P	P	12 47 21.2 +0.3
236A	Katherine and	33.25 302	P	P	12 47 21.2 +0.2
035Z	Hargill	33.28 292	P	P	12 47 21.8 +0.5
U38A	Gravette	33.29 311	P	P	12 47 22.3 +1.0
KV7X	Kingsville	33.31 294	eP	P	12 47 21.1 -0.5
336A	Riesel	33.32 301	P	P	12 47 21.4 -0.2
035A	Enono	33.39 293	P	P	12 47 21.9 -0.3
835A	Beeville	33.39 295	P	P	12 47 23.2 +0.9
136A	Ennis	33.40 303	P	P	12 47 22.5 +0.2
040A	La Belle	33.45 319	P	P	12 47 22.3 -0.3
TLIG	Tipapa	33.47 276	eP	P	12 47 23.4 +0.2
735A	Kenedy	33.49 296	P	P	12 47 23.6 +0.4
S38A	Stockton	33.50 313	P	P	12 47 22.9 -0.2
535A	Dale	33.56 298	P	P	12 47 23.3 -0.4
Q39A	Willow Grove F	33.58 316	P	P	12 47 23.1 -0.6
635A	Leesville	33.58 297	P	P	12 47 23.5 -0.4
Z36A	Blue Ridge	33.59 304	P	P	12 47 24.7 +0.9
V37A	Hulbe	33.60 310	P	P	12 47 23.7 -0.3
P39A	Salisbury	33.67 317	P	P	12 47 24.0 -0.5
Y36A	Durant	33.69 306	P	P	12 47 25.0 +0.3
LP4Z	La Paz	33.75 188	P	P	12 47 25.3 -0.8
LP4Z	La Paz	33.75 188	eP	P	12 47 25.9 -0.2
435B	Jarell	33.77 300	P	P	12 47 25.6 +0.1
R38A	Fenwick Farm,	33.77 314	P	P	12 47 25.7 +0.3
335A	Moody	33.77 301	P	P	12 47 25.5 0.0
U37A	Salina	33.80 310	P	P	12 47 25.8 +0.1
934A	Benavides	33.86 294	P	P	12 47 27.1 +0.8
040A	Hebronville	33.92 293	P	P	12 47 27.3 +0.5
Q38A	Cooks Store, C	33.96 315	P	P	12 47 27.0 0.0
T37A	Cheneyville 18	33.98 312	P	P	12 47 27.0 -0.2
X36A	Centrahoma	33.99 307	P	P	12 47 27.3 0.0
834A	Tilden	33.99 295	P	P	12 47 27.7 +0.3
WH7X	Lake Whitney,	34.00 302	eP	P	12 47 27.9 +0.4
634A	China Grove, S	34.07 297	P	P	12 47 28.2 +0.1
TUL1	Leonard	34.09 309	P	P	12 47 28.4 +0.2
TUL1	Leonard	34.09 309	eP	P	12 47 28.4 +0.2
W36A	Wetumka	34.11 308	P	P	12 47 28.3 -0.1
135A	Vickery Place,	34.13 303	P	P	12 47 28.9 +0.3
734A	La Parit	34.13 296	P	P	12 47 28.5 -0.2
V36A	Jenks	34.15 309	P	P	12 47 28.8 +0.1
JFWS	Jewell Farm	34.16 324	eP	P	12 47 29.3 +0.6
JFWS	Jewell Farm	34.16 324	eP	P	12 47 29.3 +0.6
S37A	Fort Scott	34.20 313	P	P	12 47 28.9 -0.2
U36A	Oologah	34.24 310	P	P	12 47 29.9 +0.3
P38A	Dawn	34.25 317	P	P	12 47 29.3 -0.2
Z35A	Perchaven, San	34.25 304	P	P	12 47 30.1 +0.4
N39A	Derby Farms, D	34.27 319	P	P	12 47 29.4 -0.3
Y35A	Marietta	34.28 305	P	P	12 47 30.2 +0.4
534A	Bianco	34.32 298	P	P	12 47 29.7 -0.6
434A	Burnet	34.34 299	P	P	12 47 29.7 -0.8
334A	Lometa	34.45 300	P	P	12 47 31.0 -0.4
R37A	Teagarden Farm	34.47 314	P	P	12 47 30.9 -0.5
O38A	Galt	34.47 317	P	P	12 47 31.3 -0.1
Q37A	Longview, S	34.48 315	P	P	12 47 30.9 -0.7
933A	Laredo	34.53 294	P	P	12 47 32.1 0.0
234A	Clairette	34.55 302	P	P	12 47 31.9 -0.4
W35A	Teacumseh	34.60 307	P	P	12 47 32.3 -0.4
T36A	Boogs Farm, Ca	34.64 311	P	P	12 47 32.7 -0.1
134A	White-Moore Ra	34.67 303	P	P	12 47 33.2 -0.1
N38A	Joes South For	34.69 318	P	P	12 47 33.2 -0.1
S36A	Lake Cedric, C	34.73 312	P	P	12 47 33.4 -0.2

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733A	Divot King Ran	34.74 296	P	P	12 47 33.3 -0.6
833A	Chaparral WMA,	34.75 295	P	P	12 47 33.5 -0.5
P37A	Lathrop	34.77 316	P	P	12 47 33.8 -0.2
633A	Saathoff Ranch	34.79 297	P	P	12 47 34.0 -0.4
Z34A	Collier Ranch	34.79 304	P	P	12 47 34.4 +0.2
533A	Kerrville	34.80 298	P	P	12 47 34.1 -0.4
V35A	Meyers Ranch, C	34.81 308	P	P	12 47 34.3 -0.1
Y34A	Reagan Ranch,	34.86 305	P	P	12 47 34.8 0.0
O37A	Wolfpen Farm, M	34.93 317	P	P	12 47 35.3 -0.1
R36A	Gordon, Harris	34.94 313	P	P	12 47 35.2 -0.2
U35A	Pawnee	34.97 309	P	P	12 47 35.8 +0.1
M38A	Pleasantville	35.01 319	P	P	12 47 35.8 -0.2
433A	Art	35.01 299	P	P	12 47 35.8 -0.5
T35A	Sooner Cattle	35.03 310	P	P	12 47 36.1 -0.2
333A	Richland Sprin	35.06 300	P	P	12 47 36.0 -0.7
X34A	Smcer Ranch, M	35.14 306	P	P	12 47 37.2 0.0
Z33A	Rising Star	35.18 301	P	P	12 47 37.2 -0.4
Q36A	Arnold C. Orve	35.21 314	P	P	12 47 37.1 -0.7
S35A	Otter Creek Ra	35.22 312	P	P	12 47 37.6 -0.3
832A	Faith Ranch, C	35.25 295	P	P	12 47 37.9 -0.4
L38A	Oak Wood Farm,	35.28 321	P	P	12 47 38.1 -0.2
N37A	Lee Faris, Mou	35.29 318	P	P	12 47 38.5 +0.1
SCIA	State Center	35.30 320	eP	P	12 47 38.5 0.0
W34A	Bridge Creek,	35.32 307	P	P	12 47 38.6 -0.1
W34A	Bridge Creek,	35.32 307	eP	P	12 47 38.7 -0.1
V34A	Guthrie	35.34 308	eP	P	12 47 39.0 +0.1
P36A	Good Intent, A	35.36 315	P	P	12 47 39.1 +0.1
133A	Hanton Ranch	35.36 302	P	P	12 47 38.8 -0.2
R35A	Emporia Munic	35.42 313	P	P	12 47 38.9 -0.3
Z33A	Whitaker Ranch	35.44 303	P	P	12 47 39.7 -0.1
O36A	Bolkow	35.45 316	P	P	12 47 39.6 -0.3
K38A	Parkersburg	35.46 321	P	P	12 47 40.0 +0.1
M37A	Trindle Farm,	35.54 319	P	P	12 47 40.3 -0.2
JCT	Junction City	35.54 298	P	P	12 47 40.4 -0.4
JCT	Junction City	35.54 298	eP	P	12 47 40.0 -0.8
JCT	Junction City	35.54 298	eP	P	12 47 40.0 -0.8
Y33A	Hilltop Ranch,	35.55 305	P	P	12 47 40.9 0.0
Q35A	Mercer Eighty,	35.56 314	P	P	12 47 40.0 -0.7
T34A	McClasky Farm	35.57 310	P	P	12 47 41.2 +0.3
U34A	Anderson Ranch	35.59 309	P	P	12 47 41.2 +0.1
U34A	Anderson Ranch	35.59 309	eP	P	12 47 41.5 +0.4
X33A	Lawton	35.63 306	P	P	12 47 40.7 -0.8
J38A	Wald Dairy, R	35.69 323	P	P	12 47 41.6 -0.3
L37A	Phoenix Point,	35.75 320	P	P	12 47 42.5 +0.2
Z32A	Coleman	35.76 301	P	P	12 47 42.6 -0.6
S34A	Willow Spring	35.80 311	P	P	12 47 42.6 -0.2
N36A	Muff Farm, Cia	35.80 317	P	P	12 47 42.7 -0.1
W33A	Caddo, Fort Co	35.82 307	P	P	12 47 42.9 -0.2
P35A	Duane Minner,	35.86 315	P	P	12 47 42.7 -0.6
WMOK	Wichita Mounts	35.92 306	eP	P	12 47 43.5 -0.4
WMOK	Wichita Mounts	35.92 306	eP	P	12 47 43.5 -0.4
V33A	Lossen Ranch,	35.92 308	P	P	12 47 43.7 -0.2
ABTX	Abilene, Hawie	35.95 302	P	P	12 47 44.2 0.0
ABTX	Abilene, Hawie	35.95 302	eP	P	12 47 44.2 0.0
Z32A	Haskell	36.02 303	P	P	12 47 44.7 0.0
U33A	Lingo Farm, Me	36.02 309	P	P	12 47 44.9 +0.1
M36A	Felix, Anita	36.04 318	P	P	12 47 44.8 0.0
K37A	Belmond	36.05 321	P	P	12 47 44.6 -0.3
I38A	Scanlan Farm,	36.05 324	P	P	12 47 44.6 -0.2
KSU1	Kansas State U	36.06 314	P	P	12 47 44.1 -1.0
KSU1	Kansas State U	36.06 314	eP	P	12 47 44.1 -1.0
O35A	Humboldt	36.15 316	P	P	12 47 45.1 -0.7
R34A	Isabella, Hill	36.15 312	P	P	12 47 45.5 -0.3
Y32A	R-V Farms, Ver	36.20 304	P	P	12 47 45.9 -0.4
X32A	Elmer	36.21 305	P	P	12 47 46.0 -0.3
Q34A	Chapman	36.21 313	P	P	12 47 45.6 -0.8
N35A	Tabor	36.27 317	P	P	12 47 46.4 -0.4
L36A	Harm Buss Farm	36.30 319	P	P	12 47 47.1 0.0
J37A	Redenius Farm,	36.31 322	P	P	12 47 47.0 -0.2
Z31A	Bronte	36.32 301	P	P	12 47 46.5 -0.8
T33A	Patterson Ranc	36.37 310	P	P	12 47 47.6 -0.1
S33A	Kaszmual Farm,	36.40 311	P	P	12 47 48.3 +0.4
W32A	Sentinel	36.41 306	P	P	12 47 48.0 -0.1
P34A	Walnut Farm, R	36.42 314	P	P	12 47 47.3 -0.7
V32A	Arapaho	36.46 307	P	P	12 47 48.8 +0.3
K36A	Gilmore City	36.47 320	P	P	12 47 48.5 0.0
Z31A	Sharp Cattle R	36.55 303	P	P	12 47 49.0 -0.3
131A	Roby	36.57 302	P	P	12 47 49.0 -0.5
M35A	Neola	36.61 318	P	P	12 47 49.8 +0.1
O34A	Beatrice	36.63 315	P	P	12 47 49.6 -0.2
I37A	Lemond, Waseca	36.65 323	P	P	12 47 49.9 0.0
U32A	Winter Ranch	36.66 308	P	P	12 47 50.3 +0.1
R33A	Olander Ranch,	36.68 312	P	P	12 47 50.5 +0.2
H37A	Dieck Cattle C	36.72 324	P	P	12 47 50.3 -0.2
J36A	Seneca 1, Swea	36.79 321	P	P	12 47 51.0 -0.2
X31A	McDonald Ranch	36.81 305	P	P	12 47 50.8 -0.8
N34A	Lincoln	36.82 316	P	P	12 47 51.3 -0.2
Y31A	Rekieta Farm,	36.83 304	P	P	12 47 51.3 -0.4

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L35A	Bielow Farm, R	36.86 319	P	P	12 47 51.9 +0.1
Q33A	Connely Farm,	36.87 313	P	P	12 47 51.7 -0.2
330A	Mertzou	36.90 299	P	P	12 47 51.9 -0.4
T32A	Huddler Ranch,	36.91 309	P	P	12 47 52.4 +0.1
Z30A	Sterling City	36.96 300	P	P	12 47 52.1 -0.8
W31A	Holland Ranch,	36.97 306	P	P	12 47 52.3 -0.5
P33A	Williams Farm,	36.97 314	P	P	12 47 52.2 -0.5
K35A	Storm Lake	36.99 320	P	P	12 47 53.0 +0.1
130A	Snyder	37.02 301	P	P	12 47 52.9 -0.4
SPMN	Marine on St.	37.05 325	P	P	12 47 53.1 -0.2
SPMN	Marine on St.	37.05 325	eP	P	12 47 53.2 -0.2
V31A	Spring Creek L	37.06 295	eP	P	12 47 54.2 +0.4
S32A	Newby Ranch, P	37.12 310	P	P	12 47 54.0 0.0
M34A	Aspy Farms, Fr	37.21 317	P	P	12 47 54.6 -0.1
R32A	Long Quarter,	37.25 311	P	P	12 47 55.1 0.0
H36A	Jensenland, He	37.29 323	P	P	12 47 55.0 -0.3
U31A	Nine Bar Ranch	37.30 308	P	P	

MSTX	Muleshoe	38.84	303	P	P	12 48 08.0	-0.6	B31A	Greenbush Farm	41.64	326	P	P	12 48 30.8	-0.5	WUAZ	Wupatki	46.09	303	P	P	12 49 08.1	+1.0	
MSTX	Muleshoe	38.84	303	eP	P	12 48 08.2	-0.4	C30A	Mose, Pekin	41.68	324	P	P	12 48 31.3	-0.3	WUAZ	Wupatki	46.09	303	eP	P	12 49 07.8	+0.7	
D35A	Remer	38.90	326	P	P	12 48 08.4	-0.4	E29A	Napecon	41.72	322	P	P	12 48 31.6	-0.4	WUAZ	comp-Z,85nm,0.8s			eP	P	12 50 42.0	+1.2	
O30A	MW Ranch, Wils	38.93	313	P	P	12 48 08.8	-0.4	G28A	Parade	41.73	320	P	P	12 48 31.8	-0.3	P18A	Preston Northrup	46.11	309	eP	P	12 49 07.8	+0.4	
J32A	Parkston	38.96	319	P	P	12 48 09.0	-0.4	ULM	Lac du Bonnet	41.75	320	P	P	12 48 32.1	-0.9	SRU	San Rafael Swe	46.19	308	eP	P	12 49 08.2	+0.3	
H33A	Prehn Over Nor	38.99	322	P	P	12 48 09.3	-0.3	ULM	comp-Z,42nm,0.6s,baz=131,slow=8.3,SNR=106			12 50 25.4	-0.3	SRU	San Rafael Swe	46.19	308	eP	P	12 49 08.2	+0.3			
R29A	Marienthal	39.00	310	P	P	12 48 09.5	-0.4	D29A	Pettibone, Tap	41.96	323	P	P	12 48 33.8	-0.2	P17A	Butcher Ranch,	46.44	308	eP	P	12 49 10.8	+0.9	
L31A	Butterfield Fa	39.01	317	P	P	12 48 09.6	-0.1	ULM	comp-Z,27nm,0.6s,baz=130,slow=7.9,SNR=3.1			12 48 34.1	0.0	BW06	Boulder Array	46.51	313	eP	P	12 49 10.3	-0.1			
Q29A	Oakley	39.06	311	P	P	12 48 10.3	-0.1	I27A	Quinn	41.97	318	P	P	12 48 34.1	0.0	PDAR	Pinedale Array	46.51	313	eP	P	12 49 10.6	+0.2	
I32A	Karley and Nic	39.07	320	P	P	12 48 10.1	-0.2	BNM	Barren Site	41.99	302	eP	P	12 48 35.5	+0.8	PDAR	comp-Z,30nm,0.7s,baz=110,slow=8.7,SNR=289			eP	P	12 49 10.5	0.0	
G33A	Ortonville	39.09	322	P	P	12 48 10.2	-0.2	SDCO	Great Sand Dun	42.02	306	eP	P	12 48 35.9	0.0	PDAR	comp-Z,0.7nm,0.7s,baz=134,slow=5.2,SNR=4.5			eP	P	12 54 20.1	-0.4	
E34A	Wadena	39.15	325	P	P	12 48 10.6	-0.3	SDCO	Great Sand Dun	42.02	306	eP	P	12 48 35.2	+0.4	Q16A	Castle Valley	46.63	307	eP	P	12 49 12.0	+0.6	
K31A	O'Neill	39.16	318	P	P	12 48 10.9	-0.2	B30A	Myrvik Farm, E	42.02	325	eP	P	12 48 37.3	-0.7	TMUT	Trail Mountain	46.75	308	eP	P	12 49 12.7	+0.3	
C35A	Jirik Farms, M	39.26	327	P	P	12 48 11.6	-0.1	LPM	Los Pinos Moun	42.03	302	eP	P	12 48 35.2	+0.3	TMUT	214A	Organ Pipe Nat	46.77	298	eP	P	12 50 43.6	+0.4
S28A	Mante	39.26	309	P	P	12 48 11.9	-0.2	ANMO	Albuquerque	42.03	303	P	P	12 48 35.5	+0.6	FCC	comp-Z,39nm,0.7s			eP	P	12 49 13.8	-0.3	
P29A	Atwood	39.30	312	P	P	12 48 12.0	-0.3	ANMO	Albuquerque	42.03	303	eP	P	12 48 35.5	+0.6	FCC	Fort Churchill	47.05	339	eP	P	12 49 13.8	-0.3	
H32A	Carlson Farm,	39.31	321	P	P	12 48 11.8	-0.4	ANMO	comp-Z,57nm,1.1s			12 48 35.5	+0.6	FCC	comp-Z,19nm,0.7s			eP	P	12 49 13.8	-0.3			
F33A	5 Mile Ranch,	39.38	323	P	P	12 48 13.5	+0.7	F28A	McLaughlin	42.04	321	P	P	12 48 34.5	-0.1	RLMT	Red Lodge	47.10	316	eP	P	12 49 15.2	+0.2	
M30A	Dale-Ortello V	39.39	315	P	P	12 48 12.8	-0.2	Q24A	Divide	42.13	309	P	P	12 48 35.7	-0.1	RLMT	Red Lodge	47.10	316	eP	P	12 49 15.5	+0.5	
O29A	4D Ranch, Culb	39.42	313	P	P	12 48 12.9	-0.4	Q24A	IRIS PASSCAL I	42.13	309	eP	P	12 48 36.0	+0.2	MSU	Marysvale	47.30	307	eP	P	12 49 17.5	+0.8	
R28A	Tribune	39.46	310	P	P	12 48 13.6	-0.2	Y22D	IRIS PASSCAL I	42.21	302	eP	P	12 48 37.4	+0.2	CTU	Long Hollow	47.50	314	eP	P	12 50 46.0	+0.3	
L30A	Spencer Herefo	39.48	316	P	P	12 48 13.7	-0.1	H27A	Hoves	42.21	318	eP	P	12 48 36.2	-0.1	LOHW	comp-Z,29nm,0.9s			eP	P	12 49 18.3	+0.2	
J31A	Geddes	39.48	318	P	P	12 48 13.1	-0.6	A30A	Hofhart Farm,	42.29	326	P	P	12 48 36.0	-0.6	LOHW	comp-Z,29nm,0.9s			eP	P	12 49 18.3	+0.2	
D34A	Park Rapids	39.51	326	P	P	12 48 13.5	-0.4	J26A	Sides Ranch, S	42.30	316	P	P	12 48 36.4	-0.4	FFC	Flin Flon	47.55	331	eP	P	12 49 17.9	-0.1	
B35A	Bob, Littlefor	39.55	328	P	P	12 48 14.1	-0.1	E28A	Huff	42.34	322	P	P	12 48 36.9	-0.2	FFC	Flin Flon	47.55	331	eP	P	12 49 17.3	-0.7	
N29A	Votaw Ranch, W	39.59	314	P	P	12 48 14.3	-0.4	MDND	Maddock	42.39	324	P	P	12 48 37.1	-0.2	FFC	Flin Flon	47.55	331	eP	P	12 50 46.3	+1.0	
E33A	Westby DABS, E	39.61	324	P	P	12 48 14.1	-0.6	MDND	Maddock	42.39	324	P	P	12 48 37.5	+0.1	FFC	Flin Flon	47.55	331	eP	P	12 49 17.3	-0.7	
C34A	RKJ Ranch, Bern	39.71	326	P	P	12 48 15.0	-0.5	LAZ	Ladron	42.46	302	eP	P	12 48 38.8	+0.5	FFC	Flin Flon	47.55	331	eP	P	12 50 46.3	+1.0	
GDL2	Guadalupe Moun	39.72	300	eP	P	12 48 15.9	-0.1	I26A	New Underwood	42.47	317	P	P	12 48 38.3	+0.1	FFC	Flin Flon	47.55	331	eP	P	12 49 17.3	-0.7	
Q28A	Sharon Springs	39.74	311	P	P	12 48 15.7	-0.3	G27A	Dupree	42.50	320	P	P	12 48 38.8	+0.5	NLU	Norri Lily Mtn	47.55	309	eP	P	12 49 18.8	+0.3	
K30A	Basnet	39.75	317	P	P	12 48 16.1	+0.2	D28A	Regan	42.59	323	P	P	12 48 38.5	-0.6	NLU	Norri Lily Mtn	47.55	309	eP	P	12 49 18.8	+0.3	
G32A	Webster	39.75	322	P	P	12 48 15.5	-0.4	B29A	Wagenman Farm,	42.59	325	P	P	12 48 38.8	-0.2	NLU	Norri Lily Mtn	47.55	309	eP	P	12 49 18.8	+0.3	
F32A	Webber	39.88	323	P	P	12 48 16.3	-0.6	121A	Cookes Peak, D	42.63	299	P	P	12 48 40.7	+1.0	NLU	Norri Lily Mtn	47.55	309	eP	P	12 49 18.8	+0.3	
D38A	Saint Francis	39.88	312	P	P	12 48 17.0	-0.1	121A	Cookes Peak, D	42.63	299	eP	P	12 48 40.8	+1.0	NLU	Norri Lily Mtn	47.55	309	eP	P	12 49 18.8	+0.3	
P23A	AnnSam	39.90	325	P	P	12 48 16.3	-0.8	H26A	Fairpoint	42.68	318	P	P	12 54 06.2	+1.6	NLU	Norri Lily Mtn	47.55	309	eP	P	12 49 18.8	+0.3	
M29A	Burnside Ranch	39.90	315	P	P	12 48 16.8	-0.5	ISCO	Idaho Springs	42.74	310	P	P	12 48 40.0	+0.2	NLU	Norri Lily Mtn	47.55	309	eP	P	12 49 18.8	+0.3	
H31A	Wolsey	39.92	320	P	P	12 48 16.8	-0.5	ISCO	Idaho Springs	42.74	310	eP	P	12 48 41.1	+0.4	NLU	Norri Lily Mtn	47.55	309	eP	P	12 49 18.8	+0.3	
J30A	Dallas	39.98	318	P	P	12 48 17.7	-0.1	ISCO	Idaho Springs	42.74	310	eP	P	12 48 41.1	+0.4	NLU	Norri Lily Mtn	47.55	309	eP	P	12 49 18.8	+0.3	
L29A	Maesberg Ranch	40.03	316	P	P	12 48 18.1	-0.2	C28A	Hausser Farms	42.76	323	P	P	12 48 40.0	-0.4	H17A	Grant Village	47.73	315	eP	P	12 49 21.0	+1.1	
LVC	Limon Verde	40.08	188	P	P	12 48 17.4	-1.8	A29A	Manning Farm,	42.79	325	P	P	12 48 39.9	-0.7	H17A	Grant Village	47.73	315	eP	P	12 49 20.5	+0.5	
LVC	Limon Verde	40.08	188	eP	P	12 48 17.3	-1.8	E27A	Carson	42.79	321	P	P	12 48 39.9	-0.7	IMW	Indian Meadow	47.82	314	eP	P	12 49 20.6	0.0	
LVC	Limon Verde	40.09	291	eP	P	12 50 22.3	+1.5	F27A	Lemmon	42.79	320	P	P	12 48 42.0	+1.4	YNR	Norris Junction	47.91	315	eP	P	12 49 21.8	+0.5	
HPIC	Aery, Baudette	40.11	328	P	P	12 48 19.2	0.0	J25A	Sunshine Ranch	42.82	316	P	P	12 48 41.2	+0.5	YFT	Old Faithful	47.93	315	eP	P	12 49 23.0	+1.6	
B34A	Aery, Baudette	40.11	328	P	P	12 48 18.5	-0.2	G26A	Maurine	42.88	319	P	P	12 48 41.2	+0.5	YFT	Old Faithful	47.93	315	eP	P	12 50 43.3	+2.1	
O21A	Krutsinger Ran	40.11	312	P	P	12 48 18.5	-0.5	S22A	4UR Ranch, Cre	43.03	307	P	P	12 48 40.8	-0.2	CCUT	Cedar City	48.03	305	eP	P	12 49 22.9	+0.6	
G31A	Conde	40.16	321	P	P	12 48 19.1	-0.1	I25A	Rotor	43.03	317	P	P	12 48 41.7	+0.3	YMR	Madison River	48.03	305	eP	P	12 49 23.0	+0.4	
N28A	Pribbeno Ranch	40.17	313	P	P	12 48 19.2	-0.3	D27A	Center	43.10	322	P	P	12 48 43.3	+0.2	PDMC	Parker Dam, Lak	48.15	301	P	P	12 49 23.6	+0.6	
SUSD	Miller	40.20	320	P	P	12 48 19.2	-0.4	B28A	Dugan Ranch, T	43.14	324	P	P	12 48 42.8	0.0	DUG	Dugway, Tootle	48.16	309	P	P	12 49 23.5	+0.4	
I30A	Oacoma	40.23	319	P	P	12 48 19.6	-0.2	PHWY	Pilot Hill	43.14	312	eP	P	12 48 42.8	0.0	DUG	Dugway, Tootle	48.16	309	P	P	12 49 23.5	+0.4	
C33A	Trail	40.24	326	P	P	12 48 19.1	-0.8	F26A	Lodgepole	43.18	320	P	P	12 48 43.5	+0.3	DUG	Dugway, Tootle	48.16	309	P	P	12 49 23.5	+0.4	
K29A	Lazy Trails An	40.25	317	P	P	12 48 19.7	-0.3	H25A	Fruitalde	43.21	318	P	P	12 48 44.2	+0.1	DUG	Dugway, Tootle	48.16	309	P	P	12 50 43.3	+0.3	
E32A	Graaten, Kindr	40.26	324	P	P	12 48 19.6	-0.4	RSSD	Black Hills	43.27	317	P	P	12 48 44.6	-0.2	DUG	Dugway, Tootle	48.16	309	P	P	12 49 23.5	+0.4	
KSC0	Kaye Shedlock	40.30	310	P	P	12 48 20.6	+0.1	RSSD	Black Hills	43.27	317	eP	P											

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, HSC, Hu-ho-hao-te, etc. Includes stations like DIGLIPUR, Port Blair, CAMPBELL BAY, Chiang Mai Arr, etc.

Table with columns: HSC, Hu-ho-hao-te, Time, Res, P, S, etc. Includes stations like FITZ, WARRAMUNGA ARR, WARRAMUNGA ARR, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, HSC, Hu-ho-hao-te, etc. Includes stations like FITZ, WARRAMUNGA ARR, WARRAMUNGA ARR, etc.

Table with columns: WORD, Divnogorie, 39.36 343, eP, P, 14 05 03.4 +0.1, etc. Includes stations like BORVOYE Array, Malin Array Be, etc.

Table with columns: FIA1, FINESS Array S, 52.14 342, eP, P, 14 06 43.9 -0.2, etc. Includes stations like FINESS Array B, Suniainen, etc.

Table with columns: KUR, 10.0nm,0.1s, A, A, 14 02 27.8, etc. Includes stations like Mersin, Gulek, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc. Includes stations like Mersin, Gulek, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc. Includes stations like Yozgat, Cicekdag, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc. Includes stations like Matias Romero, Vista Hermosa, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc. Includes stations like Kuril'sk, Severo-Kuril's, etc.

Table with columns: YSS, Yuzh-Sakhalins, TTV, Time, Res

IDC 02 14:26:40.4-0.9, 1.01N:123.15E, h0km, mb3.5/6, mb1 3.7/8, mb1mx3.6/28, mbtmp3.6/8, ML3.9/2, MS3.7/1, Ms1 3.7/1, ms1mx2.6/37, Error ellipse: s-maj=37.4km s-min=16.9km az=33.0

ISCJB 02 14:26:46.3-0.5, 0.85N:0.04:122.70E:0.03:h0km, mb3.5/6, MS3.6/1, Error ellipse: s-maj=5.2km s-min=3.9km az=172.1

DJA 02 14:26:48.8-0.3, 1.1N:3.12E, h43km, 5km, M4.4/16, mb4.7/1, mb4.5/8, MLV4.3/16, Mw(mb)4.0/1

ISC 02 14:26:47.5-0.7, 0.88N:0.05:122.69E:0.04, h50km, n27, r132/38, mb3.4/6, Minahassa Peninsula, Sulawesi

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

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Table with columns: CMAR, Chang Mai Arr, Time, Res

Table with columns: WRAP, Warrungarra Arr, Time, Res

Table with columns: FITZ, Fitzroy Crossi, Time, Res

Table with columns: MKAR, Makanchi Array, Time, Res

Table with columns: KURK, Kurchatov, Time, Res

Table with columns: ILAR, Eielson Array, Time, Res

Table with columns: BVAR, Borovoye Array, Time, Res

Table with columns: YKA, Yellowknife Arr, Time, Res

Table with columns: FINES, FINESS Array B, Time, Res

Table with columns: FINES, comp=2.31nm, 18.1s, Time, Res

Table with columns: UP, University Cam, Time, Res

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ellipse: s-maj=5.8km s-min=4.4km az=171.0 DDA 02 15:05:20.1, 37.40N:28.13E, h7km, Md2.6, Suspected Mining explosion.

ISC 02 15:05:18.6-0.9, 37.40N:0.03:28.11E:0.03, h0km, n21, r0561/28, Turkey

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

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CSEM 02 15:03:44.9-0.1, 38.39N:21.79E, h8km, ML1.8, Error ellipse: s-maj=2.0km s-min=2.0km az=177.0

ATH 02 15:03:44.9, 38.38N:21.80E, h16km, 2km, ML1.8/6, Error ellipse: s-maj=2.9km s-min=0.8km az=158.0, Analyst: A.

Fokaefts ML Amplitudes are expressed in micrometers All distances are expressed in km

THE 02 15:03:45.0, 38.38N:21.79E, h12km, ML2.1/9, Error ellipse: s-maj=1.2km s-min=0.4km az=140.0, Greece

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

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ISCJB 02 15:17:42.0-0.6, 56.16S:0.08:2.7W:0.2, h50km, mb4.2/7, Error ellipse: s-maj=13.0km s-min=10.6km az=138.1

NEIC 02 15:17:46.9-0.4, 56.19S:26.80W, mb4.7/1, Error ellipse: s-maj=10.2km s-min=8.8km az=9.0

IDC 02 15:17:47.5-0.7, 56.13S:26.78W, h86km, 6km, mb3.9/8, mb1 4.0/8, mb1mx3.8/19, mbtmp4.3/8, Error ellipse: s-maj=2.1km s-min=1.7km az=157.0

ISC 02 15:17:45.1-0.6, 56.22S:0.10:2.6W:0.1, h50km, n22, r0562/4, mb4.2/7, South Sandwich Islands region

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

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

CSEM 02 15:05:18.8-0.8, 37.41N:28.14E, h1km, MD2.6, Error ellipse: s-maj=18.4km s-min=12.9km az=64.0, Suspected Mining explosion.

ISK 02 15:05:18.2, 37.44N:28.03E, h23km, MD2.7

ISCJB 02 15:05:19.4-0.6, 37.41N:0.03:28.10E:0.05, h0km, Error

2d 16h

Table with columns for call sign, name, frequency, and other details. Includes stations like URJ, MWZ, RAGZ, etc.

Table with columns for call sign, name, frequency, and other details. Includes stations like STKA, ARPS, PMG, etc.

Table with columns for call sign, name, frequency, and other details. Includes stations like KKM, PBKI, CISI, etc.

KLL	Kalltalsperre	0.85 188	Pg	Pb	17 24 02.6 +0.8
BEBN	Eben Emael	0.86 217	P	Sb	17 24 03.9 +0.3
BEBN	comp=N,246nm,0.5s				17 24 15.2 +1.2
BEBN	Eben Emael	0.86 217	P	Sb	17 24 03.8 +0.3
BEBN	comp=N,246nm,0.5s				17 24 15.1 +1.2
STB	Steinbach	0.92 166	ePg	Pb	17 24 03.8 +0.8
STB	comp=N,515nm,0.4s				17 24 17.1 +1.3
STB	Steinbach	0.92 166	Pg	Pb	17 24 03.8 +0.8
STB	comp=N,515nm,0.4s				17 24 17.1 +1.3
MEM	Membach	0.93 199	ijP	Pb	17 24 04.2 +1.1
MEM	Membach	0.93 199	Pg	Pb	17 24 19.0 +1.1
BDSL	Dessel	0.93 254	P	Sb	17 24 05.3 +1.3
BDSL	Dessel	0.93 254	P	Sb	17 24 18.7 +0.1
BDSL	Dessel	0.93 254	P	Sb	17 24 05.8 +1.3
BDSL	Dessel	0.93 254	P	Sb	17 24 18.6 +0.1
Sort	Sorpetsalperre	0.94 98	ePg	Pb	17 24 02.8 +0.6
Sort	Sorpetsalperre	0.94 98	Pg	Sg	17 24 15.0 +0.6
Sort	Sorpetsalperre	0.94 98	Pg	Sg	17 24 02.8 +0.6
Sort	Sorpetsalperre	0.94 98	Pg	Sg	17 24 15.0 +0.6
TDN	Todenfeld	0.96 162	ePg	Sb	17 24 04.3 +0.6
TDN	comp=N,164nm,0.1s				17 24 17.0 +0.2
TDN	Todenfeld	0.96 162	Pg	Sb	17 24 04.3 +0.6
TDN	comp=N,164nm,0.1s				17 24 17.0 +0.2
OLFT	Oleiftalsperre	0.99 182	ePg	Pb	17 24 05.3 +1.0
OLFT	Oleiftalsperre	0.99 182	Pg	Pb	17 24 19.0 +1.1
OLFT	Oleiftalsperre	0.99 182	Pg	Pb	17 24 05.3 +1.0
OLFT	Oleiftalsperre	0.99 182	Pg	Pb	17 24 19.0 +1.1
BLCH	La Chartreuse	1.01 214	P	Pn	17 24 06.4 +0.7
BLCH	La Chartreuse	1.01 214	P	Pn	17 24 06.4 +0.7
IBBN	Ibbenburen	1.14 43	ePg	Sg	17 24 07.5 +0.1
IBBN	Ibbenburen	1.14 43	Pg	Sg	17 24 21.8 +1.0
IBBN	Ibbenburen	1.14 43	Pg	Sg	17 24 07.5 +0.1
IBBN	Ibbenburen	1.14 43	Pg	Sg	17 24 21.8 +1.0
HILG	Hillesheim	1.20 174	ePg	Pn	17 24 09.1 +0.8
HILG	Hillesheim	1.20 174	Pg	Pn	17 24 09.1 +0.8
BHE	Schloss Buerre	1.22 159	ePg	Sg	17 24 09.3 +0.8
BHE	Schloss Buerre	1.22 159	Pg	Sg	17 24 24.8 +1.6
BHE	comp=N,176nm,0.2s				17 24 09.3 +0.8
BHE	Schloss Buerre	1.22 159	Pg	Sg	17 24 24.8 +1.6
BCLA	Clavier	1.30 216	P	Sb	17 24 11.0 +1.3
BCLA	Clavier	1.30 216	P	Sb	17 24 29.7 +2.0
BCLA	Clavier	1.30 216	P	Sb	17 24 11.0 +1.3
BCLA	Clavier	1.30 216	P	Sb	17 24 29.7 +2.0
LOH	Wallerstheim-Lo	1.30 179	ePg	Pn	17 24 10.8 +1.1
LOH	Wallerstheim-Lo	1.30 179	Pg	Pn	17 24 28.3 +0.5
LOH	comp=N,176nm,0.3s				17 24 10.8 +1.1
LOH	Wallerstheim-Lo	1.30 179	Pg	Pn	17 24 28.3 +0.5
BGG	Burgeitz	1.39 157	ePg	Pn	17 24 11.4 +0.6
BGG	Burgeitz	1.39 157	Pg	Pn	17 24 11.4 +0.6
LKLB	Kalborn	1.41 190	P	Sb	17 24 31.3 +0.9
LKLB	Kalborn	1.41 190	P	Sb	17 24 12.3 +1.0
LKLB	Kalborn	1.41 190	P	Sb	17 24 31.3 +0.9
LKLB	Kalborn	1.41 190	P	Sb	17 24 12.3 +1.0
GIVF	Givet	1.74 218	ePn	Pb	17 24 16.9 -0.1
GIVF	Givet	1.74 218	ePg	Pg	17 24 19.3 +1.8
GIVF	Givet	1.74 218	ePg	Pg	17 24 42.1 +2.0
GIVF	Givet	1.74 218	ePn	Pb	17 24 16.9 -0.1
GIVF	Givet	1.74 218	ePg	Pg	17 24 19.3 +1.8
GIVF	Givet	1.74 218	ePg	Pg	17 24 42.1 +2.0
ABH	Alteburg	1.74 157	Pg	Sb	17 24 18.5 +0.9
TNS	Taunus Mts	1.77 135	ePn	Pb	17 24 16.7 +0.5
TNS	Taunus Mts	1.77 135	Pn	Pb	17 24 16.7 +0.5
RUP	Ruppelstein	1.82 168	Pg	Pn	17 24 20.6 +1.5
RUP	Ruppelstein	1.82 168	Pg	Pn	17 24 42.8 +1.0
WLF	Walfardange	1.83 187	Pn	Pb	17 24 19.3 +0.7
WLF	Walfardange	1.83 187	Pn	Pb	17 24 19.3 +0.7
DOU	Dourbes	1.84 222	ijP	Pb	17 24 18.6 0.0
DOU	Dourbes	1.84 222	Pb	Pb	17 24 18.6 0.0
BAIF	Baives	2.03 226	ePn	Pb	17 24 20.9 +1.2
BAIF	Baives	2.03 226	ePg	Pg	17 24 25.4 +2.3
BAIF	Baives	2.03 226	ePg	Pg	17 24 51.1 +1.7
BAIF	Baives	2.03 226	ePn	Pb	17 24 20.9 +1.2
BAIF	Baives	2.03 226	ePg	Pg	17 24 25.4 +2.3
BAIF	Baives	2.03 226	ePg	Pg	17 24 51.1 +1.7
TOD	Tromm	2.39 141	Pg	Sg	17 24 30.9 +0.9
TOD	Tromm	2.39 141	Pg	Sg	17 25 02.0 +1.0
KTD	Kalmit	2.40 154	Pn	Pg	17 24 26.1 +1.4
KTD	Kalmit	2.40 154	Pn	Pg	17 24 31.6 +1.5
KTD	Kalmit	2.40 154	Pn	Pg	17 24 26.1 +1.4
KTD	Kalmit	2.40 154	Pn	Pg	17 24 31.6 +1.5
CLZ	Clausthal	2.45 80	Pn	Pn	17 24 24.9 -0.5
CLZ	Clausthal	2.45 80	Pn	Pn	17 24 24.9 -0.5
LANF	Langenberg	2.65 161	Pn	Pn	17 24 28.3 +0.2
LANF	Langenberg	2.65 161	Pn	Pn	17 25 10.8 +1.6
LANF	Langenberg	2.65 161	Pn	Pn	17 24 28.3 +0.2
LANF	Langenberg	2.65 161	Pn	Pn	17 25 10.8 +1.6
PAGF	Fort de Pagny	2.97 190	ePn	Pg	17 24 31.9 -0.7
PAGF	Fort de Pagny	2.97 190	ePg	Pg	17 24 41.2 0.0
PAGF	Fort de Pagny	2.97 190	ePg	Pg	17 25 20.0 +0.3
PAGF	Fort de Pagny	2.97 190	ePn	Pg	17 24 31.9 -0.7
PAGF	Fort de Pagny	2.97 190	ePg	Pg	17 24 41.2 0.0
PAGF	Fort de Pagny	2.97 190	ePg	Pg	17 25 20.0 +0.3
CDF	Champ du Feu	3.12 170	ePg	Pg	17 24 35.2 +0.5
CDF	Champ du Feu	3.12 170	ePg	Pg	17 24 43.9 0.0
CDF	Champ du Feu	3.12 170	ePg	Pg	17 25 23.4 -0.9
CDF	Champ du Feu	3.12 170	ePg	Pg	17 24 35.2 +0.5
CDF	Champ du Feu	3.12 170	ePg	Pg	17 24 43.9 0.0
CDF	Champ du Feu	3.12 170	ePg	Pg	17 25 23.4 -0.9
MEZF	Mazieres J'vi	3.13 198	ePn	Pg	17 24 34.5 -0.2
MEZF	Mazieres J'vi	3.13 198	ePg	Pg	17 24 44.7 +0.6
MEZF	Mazieres J'vi	3.13 198	ePg	Pg	17 25 25.5 +0.9
MEZF	Mazieres J'vi	3.13 198	ePn	Pg	17 24 34.5 -0.2
MEZF	Mazieres J'vi	3.13 198	ePg	Pg	17 24 44.7 +0.6
MEZF	Mazieres J'vi	3.13 198	ePg	Pg	17 25 25.5 +0.9
THEF	They Montfort	3.28 186	Pn	Pg	17 24 38.3 +1.5
THEF	They Montfort	3.28 186	Pg	Pg	17 24 48.4 +1.4
THEF	They Montfort	3.28 186	Pg	Pg	17 25 31.5 +2.0
THEF	They Montfort	3.28 186	Pn	Pg	17 24 38.3 +1.5
THEF	They Montfort	3.28 186	Pg	Pg	17 24 48.4 +1.4
THEF	They Montfort	3.28 186	Pg	Pg	17 25 31.5 +2.0
ECH	Echery	3.30 172	Pn	Pg	17 24 37.9 +0.7
ECH	Echery	3.30 172	Pn	Pg	17 24 37.9 +0.7
ECH	Echery	3.30 172	Pn	Pg	17 25 31.8 +1.6
ECH	Echery	3.30 172	Pn	Pg	17 24 37.9 +0.7
ECH	Echery	3.30 172	Pn	Pg	17 24 37.9 +0.7
ECH	Echery	3.30 172	Pn	Pg	17 25 31.8 +1.6
MOX	Moxa	3.34 103	ePn	Pn	17 24 38.5 +0.8
MOX	Moxa	3.34 103	ePn	Pn	17 24 38.5 +0.8
BFO	Black Forest	3.38 159	Pn	Pn	17 24 39.1 +0.5
BFO	Black Forest	3.38 159	Pn	Pn	17 24 39.1 +0.5
SFTF	Sextfontaines	3.41 196	ePg	Pg	17 24 37.9 -0.8
SFTF	Sextfontaines	3.41 196	ePg	Pg	17 24 49.4 -0.2
SFTF	Sextfontaines	3.41 196	ePg	Pg	17 25 34.2 +0.4
SFTF	Sextfontaines	3.41 196	ePg	Pg	17 24 37.9 -0.8
SFTF	Sextfontaines	3.41 196	ePg	Pg	17 24 49.4 -0.2
SFTF	Sextfontaines	3.41 196	ePg	Pg	17 25 34.2 +0.4
HAU	Haudompre	3.48 182	ePn	Pn	17 24 38.5 -1.2
HAU	Haudompre	3.48 182	ePn	Pn	17 24 51.1 +0.1
HAU	Haudompre	3.48 182	ePn	Pn	17 25 35.7 -0.4
HAU	Haudompre	3.48 182	ePn	Pn	17 24 38.5 -1.2
HAU	Haudompre	3.48 182	ePn	Pn	17 24 51.1 +0.1
HAU	Haudompre	3.48 182	ePn	Pn	17 25 35.7 -0.4
HAU	Haudompre	3.48 182	ePn	Pn	17 24 38.5 -1.2
HAU	Haudompre	3.48 182	ePn	Pn	17 24 51.1 +0.1
HAU	Haudompre	3.48 182	ePn	Pn	17 25 35.7 -0.4
HAU	Haudompre	3.48 182	ePn	Pn	17 24 38.5 -1.2
HAU	Haudompre	3.48 182	ePn	Pn	17 24 51.1 +0.1
HAU	Haudompre	3.48 182	ePn	Pn	17 25 35.7 -0.4

GRA1	Grafenberg Arr	3.51 119	Pn	Pn	17 24 40.9 +0.9
GRF	Grafenberg Arr	3.51 119	ePn	Pn	17 24 40.9 +0.9
GOF	Molkenrain	3.66 173	Pn	Pn	17 24 42.6 +0.4
GOF	Molkenrain	3.66 173	Pg	Pg	17 24 56.4 +2.1
MOF	Molkenrain	3.66 173	Pg	Pg	17 25 44.2 +2.4
MOF	Molkenrain	3.66 173	Pg	Pg	17 25 44.2 +2.4
MOF	Molkenrain	3.66 173	Pg	Pg	17 25 44.2 +2.4
MOF	Molkenrain	3.66 173	Pg	Pg	17 25 44.2 +2.4
HINF	Hinterfeld	3.68 176	ePn	Pg	17 24 41.6 -0.8
HINF	Hinterfeld	3.68 176	ePg	Pg	17 24 54.7 0.0
HINF	Hinterfeld	3.68 176	ePg	Pg	17 25 41.4 -1.0
HINF	Hinterfeld	3.68 176	ePn	Pn	17 24 41.6 -0.8
HINF	Hinterfeld	3.68 176	ePg	Pg	17 24 54.7 0.0
HINF	Hinterfeld	3.68 176	ePg	Pg	17 25 41.4 -1.0
HINF	Hinterfeld	3.68 176	ePn	Pn	17 24 41.6 -0.8
HINF	Hinterfeld	3.68 176	ePg	Pg	17 24 54.7 0.0
HINF	Hinterfeld	3.68 176	ePg	Pg	17 25 41.4 -1.0
PLN	Plauen	3.72 103	ePn	Pn	17 24 43.7 +0.8
PLN	Plauen	3.72 103	Pn	Pn	17 24 43.7 +0.8
FELD	Feldberg im Sc	3.74 164	Pg	Pg	17 24 43.9 +0.5
FELD	Feldberg im Sc	3.74 164	Pg	Pg	17 24 57.1 +1.2
FELD	Feldberg im Sc	3.74 164	Pg	Pg	17 25 46.5 +2.0
FELD	Feldberg im Sc	3.74 164	Pg	Pg	17 24 57.1 +1.2
WERD	Werda	3.82 103	Pg	Pn	17 24 45.1 +0.8
WERD	Werda	3.82 103	Pn	Pn	17 24 45.1 +0.8
GUNZ	Gunzen	3.87 105	ePn	Pn	17 24 45.6 +0.7
GUNZ	Gunzen	3.87 105	Pn	Pn	17 24 45.6 +0.7
MANZ	Manzenberg	3.87 111	ePn	Pn	17 24 45.8 +0.8
MANZ	Manzenberg	3.87 111	Pn	Pn	17 24 45.8 +0.8
WERN	Wernitzgruen	3.92 106	ePn	Pn	17 24 46.4 +0.8
WERN	Wernitzgruen	3.92 106	Pn	Pn	17 24 46.4 +0.8
NKC	Novy Kostel	3.98 106	ePn	Pn	17 24 47.2 +0.7
NKC	Novy Kostel	3.98 106	Pn	Pn	17 25 50.6 -1.4
NKC	Novy Kostel	3.98 106	ePn	Pn	17 24 47.2 +0.7
NKC	Novy Kostel	3.98 106	Pn	Pn	17 25 50.6 -1.4
ROTZ	Rotzenmuhle	4.03 113	ePn	Pg	17 24 47.8 +0.7
ROTZ	Rotzenmuhle	4.03 113	Pg	Pg	17 25 10.3 -0.1
ROTZ	Rotzenmuhle	4.03 113	Pg	Pg	17 24 47.8 +0.7
ROTZ	Rotzenmuhle	4.03 113	Pg	Pg	17 25 10.3 -0.1
COLL	Collim	4.08 90	e(Pn)	Pb	17 24 47.0 +0.9
COLL	Collim	4.08 90	ePg	Pb	17 25 00.0 +3.0
COLL	Collim	4.08 90	ePg	Pb	17 25 10.3 -0.1
COLL	Collim	4.08 90	ePg	Pb	17 25 00.0 +3.0
LOMF	Lomont	4.14 177	Pn	Pn	17 24 49.8 +1.0
LOMF	Lomont	4.14 177	Pn	Pn	17 24 49.8 +1.0
LOR	Lormes	4.56 203	ePn	Pn	17 24 54.7 +0.3
LOR	Lormes	4.56 203	ePn	Pn	17 25 10.3 -0.2
LOR	Lormes	4.56 203	ePn	Pn	17 24 54.7 +0.3
LOR	Lormes	4.56 203	ePn	Pn	17 25 10.3 -0.2
BRG	Berggiesshubel	4.73 95	Pn	Pg	17 24 59.4 +2.6
BRG	Berggiesshubel	4.73 95	Pg	Pg	17 25 17.2 +2.4
BRG	Berggiesshubel	4.73 95	Pn	Pg	17 26 00.7 -4.8
BRG	Berggiesshubel	4.73 95	Pg	Pg	17 26 21.0 +4.9
DAVA	Damuels	4.75 151	ijPn	Pn	17 24 58.4 +1.2

Mining induced.
ISC 02 18:29:00.8,0.8,50.07N:0.03x18.39E:0.02,h0km,n34,
e1500/57,1C,Poland

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

ISCJJB 02 18:44:19.4,0.8,35.80N:0.07x0.39E:0.06,h10km,Error
ellipse: s-maj=11.6km s-min=5.5km az=25.7
CRAAG 02 18:44:19.6,35.77N:0.57E,M3.1
CSEM 02 18:44:19.8,0.5,35.79N:0.43E,h5km,ML3.1,Error
ellipse: s-maj=16.2km s-min=8.0km az=26.0
MDD 02 18:44:20.1,0.7,35.76N:0.41E,h0km,mz=35.5,Error
ellipse: s-maj=8.4km s-min=5.6km az=30.0,PRXIMO

SOLUCIN POBRE
ISC 02 18:44:19.7,1.1,35.79N:0.04x0.50E:0.04,h10km,n31,
e1754/37,Northern Algeria

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

GUC 02 18:48:22.4,0.4,37.41S:74.60W,h21km,2km,ML3.6,Off
coast of central Chile

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

ISK 02 18:48:34.1,40.09N:38.48E,h4km,MD2.8
CSEM 02 18:48:40.7,0.2,39.55N:38.15E,h2km,MD2.8,Error
ellipse: s-maj=4.2km s-min=2.7km az=177.0
DDA 02 18:48:40.8,39.58N:38.13E,h7km,MD2.8
ISC 02 18:48:40.5,1.1,39.56N:0.03x38.13E:0.02,h8km,9km,
n20,e1502/38,Turkey

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

MOS 02 19:25:16.6,0.9,1.26N:122.30E,h416km,mb4.7/20,Error
ellipse: s-maj=11.6km s-min=5.7km az=115.3
ISCJJB 02 19:25:17.2,0.2,1.19N:0.02x122.44E:0.02,h427km,2km,
mb4.6/120,Error ellipse: s-maj=3.8km s-min=3.2km
az=13.5
DJA 02 19:25:17.9,0.1,1.1N:2.12E,h417km,2km,M4.7/76,
mb5.0/76,mb5.2/46,MLV5.3/21,Mw(mB)4.6/46
BUJ 02 19:25:17.4,1.20N:122.40E,h419km,mb4.4/58,mb4.6/44
ISC 02 19:25:18.3,0.8,1.16N:122.36E,h424km,8km,mb4.1/23,
mb1.4/227,mb1mx4.2/30,mbtmp4.9/27,Error ellipse:
s-maj=12.5km s-min=5.6km az=79.0
NEIC 02 19:25:18.2,0.4,1.21N:122.42E,h424km,4km,mb4.7/37,
Error ellipse: s-maj=5.9km s-min=4.9km az=70.0
KLM 02 19:25:20.5,1.11N:122.14E,h419km,0.05,ML18.8,
MS6.1

ISC 02 19:25:17.7,0.4,1.15N:0.04x122.41E:0.05,h418km,4km,
n340,e1548/386,mb4.5/119,16C-18D,Minahassa
Peninsula, Sulawesi

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

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

3d 1h

Table with columns: NPS, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Neapolis, KRANIDI, THRS, THRE, THRI, THR2, THR3, THR4, THR5, THR6, THR7, THR8, THR9, THR10, THR11, THR12, THR13, THR14, THR15, THR16, THR17, THR18, THR19, THR20, THR21, THR22, THR23, THR24, THR25, THR26, THR27, THR28, THR29, THR30, THR31, THR32, THR33, THR34, THR35, THR36, THR37, THR38, THR39, THR40, THR41, THR42, THR43, THR44, THR45, THR46, THR47, THR48, THR49, THR50, THR51, THR52, THR53, THR54, THR55, THR56, THR57, THR58, THR59, THR60, THR61, THR62, THR63, THR64, THR65, THR66, THR67, THR68, THR69, THR70, THR71, THR72, THR73, THR74, THR75, THR76, THR77, THR78, THR79, THR80, THR81, THR82, THR83, THR84, THR85, THR86, THR87, THR88, THR89, THR90, THR91, THR92, THR93, THR94, THR95, THR96, THR97, THR98, THR99, THR100.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like IDC 02 23:46:00.3-4.9, 23'31"N-95'72"E, h0km, mb3.8/4, mb1 3.6/4, mb1mx3.3/44, mbmtmp3.5/4, Error ellipse: s-maj=486.7km s-min=24.2km az=59.0, Myanmar.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like IDC 03 00:18:02.0-0.8, 11'08"S-0109'73'88"W, h105km, n9, r155/11, mb3.5/3, Central Pura.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like NNA Nana, ATAH Athalpa, LPAZ La Paz, SIV San Ignacio, PTGA Pitinga, SDV Santo Domingo, DBIC Dimbokro, TORO Torodi Ar. Bea, YKA Yellowknife Ar.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MEX 03 00:49:54.7-0.8, 16.09"N-97'53"W, h20km, 856km, MD3.8, Oaxaca.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, IDC 03 01:05:49.4-2.1, 6.78"S-128'80"E, h0km, mb3.8/1, mb1 4.1/3, mb1mx3.6/21, mbmtmp3.9/3, ML3.9/2, Error ellipse: s-maj=151.8km s-min=30.6km az=67.0, Banda Sea.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, IDC 03 01:18:39.4-2.6, 4.99"S-132'36"E, h0km, mb3.7/1, mb1 4.1/5, mb1mx3.7/24, mbmtmp3.9/5, ML4.0/4, MS3.3/2, MS1 3.3/2, ms1mx2.7/29, Error ellipse: s-maj=121.7km s-min=24.4km az=81.0, IDC 03 01:18:42.3-0.6, 1.25"S-8'13"E, h10km, ML4.2/6, MLv4.2/6, IDC 03 01:18:43.9-1.0, 4.97"S-07'132'28"E, h35km, n13, r25/12/13, Irian Jaya region.

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Main table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like FITZ, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, DLBC Dease Lake, ISCJB 03 01:33:13.4-0.6, 32'26"N-115'34"W, 0.03, h8km, 6km, Error ellipse: s-maj=5.4km s-min=3.8km az=179.5, NEIC 03 01:33:15.0-3.2, 32'27"N-115'32"W, h4km, ML3.2(PAS), ML3.2(EXT), After ECX, ECX 03 01:33:15.0-0.6, 32'27"N-115'33"W, h4km, ML3.2, MEX 03 01:33:15.9-0.4, 32'30"N-115'27"W, h9km, MD3.7, ISC 03 01:33:13.4-0.9, 32'25"N-103'115'36"W, 0.02, h15km, 6km, n43, r1906/63, 6C-5D, California-Baja California border region.

Table with columns: PET, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like PET Petropavlovsk, GNL Ganaly, KIL Karymskiy, PETK Petropavlovsk, SPN Mys Shipunski, GRL Gorelyy, RUS Russkaya, APC Apacha, KZV Kizimen, MKZ Mys Kozlova, PAU Pautzhetka, KMNR Kamenistaya, ESO Esso, KPT Kopyto, KIR Kirishev, BZMR Bozymannaya, KOZ Kozyrevsk, ZLW Zelenaya, LGNR Loginova, CIRR Tisirk, SRDR Sredinnyy, KRKR Krestovskiy, KRKR Krestovskiy, SKR Severo-Kuril's, SKR Severo-Kuril's, SKR Severo-Kuril's, SKR Severo-Kuril's, BDR Baidarnaya, SRKR Sorokina, SMKR Semkarok, SMKR Semkarok, KBTR Krutoberegovo, KBTR Krutoberegovo, BKI Bering, BKI Bering, OSSR Ossora, MA2 Magadan, TILK Tikhich, SEY Seymchan, TYV Tymovskoe, NKL Nikolayevsk, NKL Nikolayevsk, UGL Uglegorsk, YUK Yuzh-Kuril'sk, ASAJ Asahikawa, ERM Erimo, HABR Khabarovsk, YAK Yakutsk, YAK Yakutsk, YAK Yakutsk, YAK Yakutsk, GAMB Gambell, USRK Ussuriysk, TNA Tin City, MAJO Matsushiro, MJAR Matsushiro Arr, MJAR Matsushiro Arr, TIXI Tiksi, TIXI Tiksi, CN2 Changchun, HIA Hailar, HIA Hailar, BOD Bodaibo.

Table with columns: Station Name, Time, Res, Code, Station Name, Δ°, AZ°, Phase ID, Op, Time, Res, Code, Station Name, Δ°, AZ°, Phase ID, Op, Time, Res. Includes stations like Grenoble, Saint-Julien-I, Signal de Mont, etc.

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

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

SC22	comp=Z,37nm,0.8s	85.06	53	P	P	03 35 28.2	0.0
ZAK	Santa Cruz Isl	85.09	325	eP	pmax	03 35 27.4	-0.6
ZAK	Zakamensk	85.21	18	eP	P	03 35 27.1	-1.1
MCK	comp=Z,20nm,1.3s	85.21	18	eP	P	03 35 27.1	-1.1
MCK	McKinley	85.21	18	eP	P	03 35 27.1	-1.1
MCK	comp=Z,44nm,1.0s	85.22	19	eP	P	03 35 27.3	-1.2
DHY	Denali Highway	85.25	42	eP	P	03 35 28.5	-0.8
PKM	Nicherson Peak	85.52	44	eP	P	03 35 28.9	-0.3
L02D	Cave Junction,	85.41	46	eP	P	03 35 30.0	+0.3
WDC	Whiskeytown Da	85.41	46	eP	P	03 35 30.0	+0.3
WDC	Whiskeytown Da	85.41	46	eP	P	03 35 30.0	+0.3
N02D	comp=Z,30nm,1.6s	85.45	46	eP	P	03 35 29.5	-0.5
N02D	Trinity Center	85.52	45	eP	P	03 35 30.2	-0.2
M02C	Callahan	85.54	326	eP	P	03 35 30.9	+0.8
TLY	Talaya	85.54	326	eP	P	03 35 28.4	-1.7
TLY	comp=Z,13nm,0.8s	85.54	326	eP	P	03 35 28.4	-1.7
TLY	Talaya	85.54	326	eP	P	03 35 28.4	-1.7
BYO	comp=Z,25nm,1.4s	85.54	53	eP	P	03 35 29.3	-1.2
SLG	Laguna Peak, P	85.56	17	eP	P	03 35 28.8	-1.6
MLY	Manley	85.67	48	eP	P	03 35 30.7	-0.3
OHCM	Honcut	85.74	47	eP	P	03 35 28.9	-2.5
ORV	Oroville	85.74	47	eP	P	03 35 28.9	-2.5
ORV	comp=Z,8.2nm,0.8s	85.74	47	eP	P	03 35 28.9	-2.5
ORV	Oroville	85.74	47	eP	P	03 35 28.9	-2.5
YBH	comp=Z,9.0nm,0.8s	85.75	45	eP	P	03 35 32.1	+0.6
YBH	Yreka Blue Hor	85.75	45	eP	P	03 35 32.1	+0.6
YBH	comp=Z,10.0nm,0.6s	85.80	54	eP	P	03 35 30.6	-1.2
CIS	Catalina Islan	85.81	47	eP	P	03 35 31.2	-0.6
O03D	Paynes Creek	85.89	48	eP	P	03 35 32.1	-0.1
AFDM	Forest Hills D	85.94	44	eP	P	03 35 32.9	+0.6
HUMO	Hull Mountain	86.01	18	eP	P	03 35 29.8	-2.3
WRH	Wood River Hill	86.09	52	eP	P	03 35 32.3	-0.9
ARVC	Arvin	86.12	43	eP	P	03 35 32.4	-0.7
I03D	Drain, OR	86.14	52	eP	P	03 35 32.7	-0.7
VES	Vestal, Richgr	86.19	51	eP	P	03 35 32.4	-1.2
RCTC	Rector, Farmer	86.22	18	eP	P	03 35 30.7	-2.4
CCB	Clear Creek Bu	86.23	18	eP	P	03 35 31.3	-2.3
HDA	Harding Lake	86.32	18	eP	P	03 35 31.0	-2.7
MDM	Murphy Dome	86.37	53	eP	P	03 35 35.0	+0.2
MWC	Mount Wilson	86.37	53	eP	P	03 35 35.0	+0.2
MWC	Mount Wilson	86.37	53	eP	P	03 35 35.0	+0.2
M04C	Macdoel	86.37	45	eP	P	03 35 34.2	-0.4
COLA	College	86.37	18	eP	P	03 35 31.6	-2.2
COLA	College	86.37	18	eP	P	03 35 33.0	-0.8
COLA	College	86.37	18	eP	P	03 35 33.0	-0.8
ISA	Isabella, Lake	86.55	52	eP	P	03 35 35.4	-0.1
ISA	Isabella, Lake	86.55	52	eP	P	03 35 35.7	+0.2
ISA	Isabella, Lake	86.55	52	eP	P	03 35 35.7	+0.2
ILAR	comp=Z,8.0nm,0.9s	86.59	18	eP	P	03 35 31.8	-3.1
ILAR	Eielson Array	86.59	18	eP	P	03 35 31.8	-3.1
ILAR	comp=Z,17nm,0.7s,baz=238,slo=4.7,SNR=130	86.59	18	eP	P	03 35 29.2	+1.9
ILAR	comp=Z,1.4nm,1.2s,baz=317,slo=1.7,SNR=4.6	86.59	18	eP	P	04 09 03.0	
EDW2	comp=Z,891nm,20.4s,baz=244,slo=32	86.64	53	eP	P	03 35 35.5	-0.5
109C	Edwards Air Fo	86.66	55	eP	P	03 35 35.1	-1.0
BFSC	Mount Baldy Ra	86.66	54	eP	P	03 35 35.1	-1.2
K04D	Chiloquin, OR	86.76	45	eP	P	03 35 35.6	-0.8
J04D	Umpqua Nationa	86.78	44	eP	P	03 35 36.1	-0.4
I04A	Tendick Farm,	86.78	43	eP	P	03 35 35.7	-0.7
G03D	McMinnville, O	86.80	42	eP	P	03 35 36.1	-0.3
MURC	Murrieta	86.83	54	eP	P	03 35 36.2	-0.7
WAKR	Walker	86.84	49	eP	P	03 35 37.3	+0.2
MLAC	Mammoth, Mammo	86.87	50	eP	P	03 35 38.2	+0.5
MTUM	Tungsten Hills	87.07	50	eP	P	03 35 37.6	-0.6
LRMC	Laurel Mtn Rd	87.09	52	eP	P	03 35 38.0	-0.2
E03A	Lebam	87.16	40	eP	P	03 35 37.2	-0.9
MONP2	comp=Z,27nm,0.8s	87.20	55	eP	P	03 35 38.4	-0.5
H04A	Detroit Lake	87.28	43	eP	P	03 35 37.3	-1.6
F04D	Rainier, OR	87.31	41	eP	P	03 35 38.9	+0.1
J05D	Fort Rock, OR	87.37	44	eP	P	03 35 39.2	-0.3
K05A	Summer Lake	87.38	45	eP	P	03 35 38.1	-1.5
IBP	Imperial Bould	87.39	55	eP	P	03 35 39.3	-0.4
PFO	Pinyon Flats O	87.41	54	eP	P	03 35 39.0	-0.9
PFO	comp=Z,6.1nm,0.9s,baz=269,slo=6.5,SNR=8	87.41	54	eP	P	03 35 39.2	-0.7
PFO	Pinyon Flats O	87.41	54	eP	P	03 35 39.0	-0.9
DAC	Darwin (Calif)	87.43	52	eP	P	03 35 38.9	-1.1
DAC	Darwin (Calif)	87.43	52	eP	P	03 35 38.9	-1.1
DAC	Darwin (Calif)	87.43	52	eP	P	03 35 38.9	-1.1
MPCD	Manual Prospec	87.43	52	eP	P	03 35 39.5	-0.4
COLM	Coldfoot	87.46	15	eP	P	03 35 38.6	-0.5
F04A	Amboy	87.63	41	eP	P	03 35 40.5	0.0
NV01	Mina Array Sit	87.64	49	eP	P	03 35 38.3	-2.6
NVAR	Mina Array Bea	87.64	49	eP	P	03 35 40.8	-0.2
NVAR	comp=Z,2.5nm,0.8s,baz=232,slo=8.1,SNR=28	87.64	49	eP	P	04 07 04.3	
GSC	Goldstone, Bar	87.70	53	eP	P	03 35 40.4	-0.7
GSC	Goldstone, Bar	87.70	53	eP	P	03 35 41.1	0.0
GSC	Goldstone, Bar	87.70	53	eP	P	03 35 41.1	0.0
I05D	comp=Z,27nm,1.7s	87.70	43	eP	P	03 35 40.7	-0.2
SWSC	Sam W. Stewart	87.72	55	eP	P	03 35 40.7	-0.4
NV11	Mina Array Sit	87.75	49	eP	P	03 35 41.4	0.0
GRAC	Grapevine Rang	87.85	51	eP	P	03 35 41.3	-0.5
BELC	Belle Mtn. Jos	87.90	54	eP	P	03 35 41.5	-0.7

HEC	baz=251,SNR=11	87.91	53	eP	P	03 35 41.0	-1.1
FURC	Hector,Ludlow	88.05	52	eP	P	03 35 42.5	-0.1
G05D	Furnace Creek,	88.05	47	eP	P	03 35 42.3	-0.3
SHOC	Wamic, OR	88.07	42	eP	P	03 35 43.3	-0.6
LON	Shoshone, Teco	88.34	41	eP	P	03 35 43.7	-0.2
LON	Longmire	88.34	41	eP	P	03 35 43.7	-0.2
LON	Longmire	88.34	41	eP	P	03 35 43.7	-0.2
EGAK	comp=Z,22nm,2.0s	88.39	20	eP	P	03 35 41.8	-1.8
D05A	Eagle	88.41	40	eP	P	03 35 45.2	+1.2
GMRC	Granite Mounta	88.42	54	eP	P	03 35 44.2	-0.4
TUQ	Turquoise Moun	88.43	53	eP	P	03 35 44.2	-0.4
GLA	baz=251,SNR=5.6	88.53	55	eP	P	03 35 44.3	-0.7
GLA	Glamis	88.53	55	eP	P	03 35 45.1	0.0
GLA	Glamis	88.53	55	eP	P	03 35 45.1	0.0
A04D	comp=Z,18nm,0.8s	88.58	39	eP	P	03 35 44.8	0.0
IRM	Lummi Island	88.62	54	eP	P	03 35 45.3	-0.2
SYO	Iron Mountain	88.66	197	eP	P	03 35 45.4	+0.5
B05A	Syowa Base	88.77	39	eP	P	03 35 45.6	-0.2
WVOR	Bryant	88.82	46	eP	P	03 35 47.1	+0.8
WVOR	Wild Horse Val	88.82	46	eP	P	03 35 47.1	+0.8
WVOR	Wild Horse Val	88.82	46	eP	P	03 35 47.1	+0.8
Y12C	comp=Z,16nm,1.5s	88.98	55	eP	P	03 35 47.1	0.0
Y12C	Blythe	88.98	55	eP	P	03 35 47.7	+0.6
BMN	comp=Z,14nm,0.9s	89.12	48	eP	P	03 35 47.1	-0.7
BMN	Battle Mountai	89.12	48	eP	P	03 35 47.1	-0.7
BMN	Battle Mountai	89.12	48	eP	P	03 35 47.1	-0.7
LTY	comp=Z,33nm,1.9s	89.26	41	eP	P	03 35 48.1	-0.1
SHPR	Lib	89.36	52	eP	P	03 35 48.4	-0.7
PDMCI	Sheep Range	89.36	52	eP	P	03 35 49.2	-0.1
E07A	Parker Dam,Lak	89.51	41	eP	P	03 35 48.8	-0.5
R11A	Sunnyside	89.51	41	eP	P	03 35 49.9	-0.4
R11A	Troy Canyon, C	89.63	50	eP	P	03 35 50.3	0.0
G08A	Troy Canyon, C	89.63	50	eP	P	03 35 48.0	-2.0
HAWA	Pilot Rock	89.66	42	eP	P	03 35 48.8	-1.2
TIXI	Hanford	89.72	349	eP	P	03 35 49.5	-0.2
TIXI	comp=Z,12nm,0.8s	89.72	349	eP	P	03 35 49.5	-0.2
TIXI	Tiksi	89.72	349	eP	P	03 35 49.8	+0.1
214A	comp=Z,13nm,1.1s	89.81	57	eP	P	03 35 50.6	-0.6
W13A	Organ Pipe Nat	89.81	57	eP	P	03 35 51.1	-0.6
D08A	Hualapai Mount	89.90	54	eP	P	03 35 53.0	0.0
B08A	Wollman Farm,	90.29	41	eP	P	03 35 52.0	-2.0
BMO	Colville Reser	90.51	40	eP	P	03 35 52.2	-2.2
BMO	Blue Mountains	90.57	44	eP	P	03 35 52.3	-2.2
BMO	Blue Mountains	90.57	44	eP	P	03 35 52.3	-2.2
ELK	comp=Z,10.0nm,0.8s	90.65	48	eP	P	03 35 54.8	-0.3
ELK	Elko	90.65	48	eP	P	03 35 54.8	-0.3
ELK	Elko	90.65	48	eP	P	03 35 54.8	-0.3
PSUT	comp=Z,6.0nm,0.9s	90.98	50	eP	P	03 35 56.1	-0.5
LCMT	Pine Spring	90.98	50	eP	P	03 35 55.0	-1.5
F10A	Little Creek M	91.01	42	eP	P	03 35 55.7	-0.7
CCUT	Cedar City	91.05	52	eP	P	03 35 57.0	+0.1
MFID	comp=Z,9.4nm,0.9s	91.10	45	eP	P	03 36 00.0	+0.7
U15A	Cans Ranch	91.54	53	eP	P	03 35 58.7	-0.6
TUC	North Rim	91.56	57	eP	P	03 35 58.8	-0.5
TUC	Tucson	91.56	57	eP	P	03 35 58.8	-0.5
TUC	Tucson	91.56	57	eP	P	03 35 58.8	-0.5
X16A	comp=Z,8.0nm,0.9s	91.62	55	eP	P	03 36 00.3	+0.7
NEW	Lo Mia Camp, P	91.86	40	eP	P	03 35 59.7	-0.5
NEW	Newport	91.86	40	eP	P	03 36 00.1	-0.1
NEW	Newport	91.86	40	eP	P	03 36 00.1	-0.1
WUAZ	comp=Z,10.0nm,0.9s	91.99	54	eP	P	03 36 00.6	-0.7
WUAZ	Wupatki	91.99	54	eP	P	03 36 02.2	+0.9
MTPU	comp=Z,11nm,1.0s	92.08	51	eP	P	03 36 03.1	+1.2
HLID	Hailey	92.12	46	eP	P	03 36 01.2	-0.6
HLID	Hailey	92.12	46	eP	P	03 36 02.6	+0.9
MSU	comp=Z,5.6nm,1.0s	92.23	51	eP	P	03 36 03.2	+0.9
DUG	Marysville	92.23	51	eP	P	03 36 03.3	+0.9
DUG	Dugway, Tooele	92.24	49	eP	P	03 36 02.4	0.0
DUG	Dugway, Tooele	92.24	49	eP	P	03 36 02.4	0.0
DUG	Dugway, Tooele	92.24	49	eP	P	03 36 02.4	0.0
BGU	comp=Z,6.0nm,1.3s	92.30	48	eP	P	03 36 03.1	+0.5
319A	Big Grassy Mow	92.54	58	eP	P	03 36 02.8	-1.1
NLU	Douglas	92.72	50	eP	P	03 36 04.8	+0.2
HVU	North Lily Min	92.74	48	eP	P	03 36 04.9	+0.3
HVU	Hanse Valley	92.74	48	eP	P	03 36	

3d 3h

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like GNI, ZEI, SDV, GOF, LPSR, etc.

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Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like CLL, CLLL, CLL, etc.

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Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like ATD, ADEN, UDYN, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like LBOS, BDHA, HAJJ, etc.

IDC 03 04:13:29.9; 1.3, 35.59N; 22.95E, h0km, mb3.8/7, mb1 3.8/8, mb1mx3.5/47, mbtmp3.8/8, ML3.0/1, Error ellipse: s-maj=25.1km s-min=20.0km az=4.0

ATH 03 04:13:35.7; 35.29N; 23.08E, h40km, 1km, ML3.5/7, Error ellipse: s-maj=2.9km s-min=0.9km az=57.0, Analyst: Chousianlis ML Amplifludes are expressed in micrometres

ISCJB 03 04:13:36.5; 0.7, 35.36N; 0.05; 23.16E; 0.07; h17km, 4km, mb3.6/7, Error ellipse: s-maj=11.4km s-min=4.5km az=139.6

CSEM 03 04:13:37.8; 0.3, 35.36N; 23.14E, h40km, ML3.7, Error ellipse: s-maj=7.7km s-min=2.4km az=44.0

THE 03 04:13:37.8; 35.37N; 23.15E, h52km, 3km, ML3.7/4, Error ellipse: s-maj=3.5km s-min=0.8km az=65.0

ISC 03 04:13:36.9; 1.0, 35.36N; 0.05; 23.15E; 0.06; h54km, 8km, n79, r1919/103, mb3.6/7, Crete

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like ANKY, IMMV, VAM, KYTH, etc.

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Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like FINES, TORO, ARCES, etc.

JMA 03 04:16:31.4; 0.2, 24.32N; 121.91E, h51km, 4km, M2.6, ISCJB 03 04:16:32.0; 3.0, 24.37N; 0.02; 122.02E; 0.02; h20km, 3km, Error ellipse: s-maj=3.4km s-min=2.3km az=145.8

TAP 03 04:16:32.2; 24.41N; 121.95E, h27km, ML3.5, D, ISC 03 04:16:32.1; 0.9, 24.40N; 0.02; 122.01E; 0.02; h26km, 7km, n56, r1905/101, 1C-2D, Taiwan region

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like ENA, TWC, ILA, etc.

04 17 00+4h

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like STYT, STYT, CHY, etc.

NIED 03 04:20:00.26; 90N; 143.80E, h5km, Mw4.6 Best double couple: M7.79000x1015 NP1.9179.00000, 843.00000, 7-60.00000, NP2.91321.00000, 854.00000, 7-115.00000

ISCJB 03 04:20:45.8; 1.2, 26.63N; 0.03; 143.50E; 0.03; h3km, 7km, mb4.8/166, MS3.9/25, Error ellipse: s-maj=5.0km

IDC 03 04:20:45.9; 0.5, 26.57N; 143.65E, h0km, mb4.6/33, mb1 4.7/35, mb1mx4.6/60, mbtmp4.6/35, ML3.4/2, MS3.5/18, Ms1 3.6/18, ms1mx3.5/44, Error ellipse: s-maj=13.7km s-min=12.0km az=85.0

BUI 03 04:20:47.6; 26.68N; 143.32E, h10km, mb4.6/60, mb5.0/43, Ms4.5/42, Ms7 4.1/44

NEIC 03 04:20:48.2; 0.2, 26.58N; 143.54E, h10km, mb4.9/90, Error ellipse: s-maj=5.7km s-min=4.5km az=159.0

MOS 03 04:20:48.4; 1.2, 26.57N; 143.54E, h23km, mb5.0/44, Error ellipse: s-maj=9.3km s-min=5.2km az=105.9

JMA 03 04:20:49.3; 0.3, 26.59N; 143.76E, h57km, Mw4.5, ISC 03 04:20:50.0; 0.7, 26.71N; 0.04; 143.48E; 0.04; h19km, 2km, n340, r1942/360, mb4.8/166, MS3.9/27, 16C-7D, Bonin Islands region

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like JHHJ, JHHJ, CBJJ, etc.

Table of station data for stations 101-200, including call letters, frequency, power, and other technical details.

Table of station data for stations 201-300, including call letters, frequency, power, and other technical details.

Table of station data for stations 301-400, including call letters, frequency, power, and other technical details.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SPiG San Pedro Mart, SPX San Pedro Mart, SPX Cerro Bola, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PMAN Manadas, PMAN Pico Bartolome, PMAN Pico Bartolome, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DHMR 03 05:02:00.2-1.7, 12:05N-43:91E, h3km, 15km, ML3.5, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DHMR 03 05:37:59.4-2.4, 12:04N-43:90E, h10km, 28km, ML4.0, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NEIC 03 05:12:44.8, 16:82N-99:89W, h37km, MD4.1, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SKHL 03 05:38:10.8-0.6, 44:81N x 151:21E, h40km, 5km, mb4.4/3, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SHL Shillong, SHL Shillong, BOK Bokaro, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IDC 03 05:14:57.4-4.8, 30:61S x 138:19E, h0km, 1.3/0.3, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KAPI Kappang, KAPI Kappang, H08S2 Diego Garcia H, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CSEM 03 05:35:39.2-1.2, 38:19N-26:65W, h0km, 4km, MD3.7, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KLM 03 05:39:25.8, 3:63N-94:94E, h35km, mb4.5, MS5.8, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GUN DMN Daman, GUN DMN Daman, KKN Kakani, etc.

3d 7h

Table with columns: TVSB, Tavsani, 1.94, 69, ePN, Pn, 06 17 53.0 +1.0

DDA 03 06:17:55.9, 38°08'N, 27°16'E, h7km, Md2.6
ISCJB 03 06:18:05.1±0.6, 38°67'N, 0°03:27'57E±0.06, h11km, Error
ellipse: s-maj=7.3km s-min=4.8km az=8.6

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

IDC 03 06:24:49.0±7.7, 58°N, 59.65E, h0km, mb3.6/7, mb1 3.7/7,
mb1mx3.5/2, mbtmp3.6/7, MS3.5/8, Ms1 3.5/8,
ms1mx3.2/37, Error ellipse: s-maj=67.9km
s-min=29.9km az=168.0, Carlsberg Ridge

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

DDA 03 06:25:16.6, 38°08'N, 27°15'E, h7km, Md2.7
ISK 03 06:25:16.8, 38°08'N, 27°15'E, h10km, ML2.7
ISCJB 03 06:25:17.0±0.5, 38°79'N, 0°03:27'14E±0.03, h7km, 4km,
Error ellipse: s-maj=6.4km s-min=3.6km az=33.7

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

2011 FEB

Table with columns: EDC, Edincik, 1.65, 19, ePN, Pn, 06 25 46.4 +0.7

ISCJB 03 06:27:27.1±0.5, 44°00'N, 0°05:142'96E±0.07,
h211km, 3km, mb3.1/6, Error ellipse: s-maj=8.5km
s-min=8.1km az=173.8

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

IDC 03 06:33:18.1±0.9, 35°38'N, 0°06:140'13E±0.09, h27km, 5km,
mb3.5/4, Error ellipse: s-maj=13.6km s-min=7.9km
az=38.9

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

NEIC 03 06:40:36.8±0.3, 58°32'S, 25°82'W, mb4.5/1, Error ellipse:
s-maj=14.5km s-min=9.9km az=217.0

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

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Table with columns: TORD, Torodi, Ar, Bea, 74.68, 28, P, P, 06 52 08.7 +1.4

IDC 03 07:22:06.4±2.3, 8°29'S, 114°99'E, h0km, mb3.3/4,
mb1 3.5/4, mb1mx3.5/32, mbtmp3.4/4, Error ellipse:
s-maj=144.1km s-min=25.9km az=50.0

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

IDC 03 07:22:18.7±0.8, 9°S, 115°34'E±0.06, h98km, mb3.3/4,
Error ellipse: s-maj=15.2km s-min=6.5km az=199.8

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

IDC 03 07:25:34.6±75.0, 50°32'N, 130°14'E, h0km, Error ellipse:
s-maj=279.3km s-min=130.2km az=161.0, Southeastern
Siberia

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

2011 FEB

3d 7h					
MOOV	Moose Ponds	14.89 111	ePn	Pn	07 55 52.5 +2.7
NVAR	Mina Array Bea	14.93 141	Pn	Pn	07 55 53.1 +2.8
NVAR	comp-Z,51nm,21.7s,baz=342,slow=32		LR	LR	08 00 23.6
SNOW	Snow King Mound	15.05 112	eP	P	07 55 56.0 -1.7
RLMT	Red Lodge	15.06 104	P	Pn	07 55 53.1 +1.0
LOHW	Long Hollow	15.06 111	ePn	Pn	07 55 53.8 +1.7
REDW	Red Top Meadow	15.06 112	eP	P	07 55 56.9 -0.8
AHID	Auburn Hatcher	15.27 114	eP	P	07 56 00.1 +0.1
DUG	Dugway, Toeole	16.07 125	eP	Pn	07 56 06.5 +1.2
DUG	Dugway, Toeole	16.07 125	eP	Pn	07 56 10.5 +1.6
R11A	Troy Canyon, C	16.15 135	P	Pn	07 56 07.5 +1.1
BW06	Boulder Array	16.17 112	P	Pn	07 56 07.9 +1.2
BW06	Boulder Array	16.17 112	eP	P	07 56 09.7 -0.4
PDAR	Pinedale Array	16.17 112	Pn	Pn	07 56 09.3 -0.8
PDAR	comp-Z,161nm,18.7s,baz=348,slow=36		LR	LR	08 01 51.8
MCK	McKinley	16.38 329	eP	P	07 56 13.3 +1.3
ILAR	Eielsen Array	16.53 334	Pn	Pn	07 56 15.5 +1.9
ILAR	comp-Z,191nm,18.1s,baz=132,slow=38		LR	LR	08 02 41.2
NLU	North Lily Min	16.63 124	eP	P	07 56 16.9 +1.7
DGMT	Dagmar	16.93 88	eP	Pn	07 56 16.4 +0.3
DGMT	Dagmar	16.93 88	eP	P	07 56 18.2 +0.1
KTH	Kantishna Hill	16.93 327	eP	Pn	07 56 15.2 -0.8
SMMC	Simmler	17.12 151	P	P	07 56 20.4 0.0
ISA	Isabella, Lake	17.31 146	P	P	07 56 22.8 +0.3
FFC	Flin Flon	17.42 66	eP	P	07 56 23.0 -0.5
A25A	Svangstu Ranch	17.47 86	P	P	07 56 24.4 +0.2
B25A	Knox Farm, Ray	17.64 88	P	P	07 56 26.0 -0.1
INK	Inuvik	17.64 356	P	P	07 56 27.1 +1.2
INK	comp-Z,136nm,18.4s,baz=139,slow=38		LR	LR	08 03 27.1
INK	Inuvik	17.66 356	P	P	07 56 26.1 +0.3
MSU	Marysvalde	17.66 127	eP	P	07 56 26.7 +0.2
LRMC	Laurel Mtn Rad	17.76 145	P	P	07 56 28.3 +0.8
C25A	Fred Ranch, W	17.77 90	P	P	07 56 28.2 +0.7
D25A	Fairfield	17.93 91	P	P	07 56 29.8 +0.6
SHOC	Shoshone, Teco	17.93 141	P	P	07 56 30.5 +1.3
K22A	Casper	18.05 108	P	P	07 56 31.4 +0.6
K22A	Casper	18.05 108	eP	P	07 56 31.6 +0.8
SRU	San Rafael Swe	18.07 123	eP	Pn	07 56 30.2 -0.3
G25A	Miller Ranch,	18.12 93	P	P	07 56 32.4 +1.0
E5C	Goldstone, Bar	18.24 143	P	P	07 56 34.4 +1.6
F25A	Bowman	18.32 95	P	P	07 56 33.9 +0.3
C26A	Wahner Farm, P	18.46 88	P	P	07 56 35.8 +0.7
TUQ	Turquoise Moun	18.47 141	P	Pn	07 56 36.4 +1.0
BLG	Laguna Peak, P	18.53 150	P	P	07 56 38.2 +2.2
D26A	Manning	18.53 91	P	Pn	07 56 36.8 +0.8
O20A	White River Ci	18.61 116	P	Pn	07 56 38.3 +1.2
O20A	White River Ci	18.61 116	eP	Pn	07 56 38.5 +1.4
KUKN	Kuglukluk,NWT	18.62 18	P	Pn	07 56 36.9 +0.1
A27A	Ledoux Ranch,	18.65 84	P	Pn	07 56 38.3 +0.9
G25A	Newell	18.67 97	P	Pn	07 56 37.7 0.0
E26A	Carlson Angus	18.73 93	P	Pn	07 56 38.5 +0.1
RSSD	Black Hills	18.80 101	P	Pn	07 56 40.1 +0.8
RSSD	Black Hills	18.80 101	eP	Pn	07 56 40.2 +0.8
B27A	Peters Farms,	18.81 86	P	Pn	07 56 40.0 +0.8
H25A	Fruitdale	18.82 99	P	Pn	07 56 40.6 +1.0
HEC	Hector,Ludlow	18.84 143	P	Pn	07 56 40.5 +0.7
F26A	Lodgepole	18.85 95	P	Pn	07 56 40.9 +1.0
C27A	Saylor Ranch,	18.88 88	P	Pn	07 56 40.7 +0.5
I25A	Rochford	19.04 101	P	Pn	07 56 42.7 +0.4
G26A	Maurine	19.14 96	P	Pn	07 56 43.5 +0.1
GMRC	Granite Mounta	19.14 141	P	Pn	07 56 44.6 +1.0
F27A	Lemmon	19.26 94	P	Pn	07 56 45.4 +0.7
A28A	Rude Farm, Bot	19.28 84	P	Pn	07 56 45.4 +0.3
COLD	Coldfoot	19.29 336	P	Pn	07 56 46.3 +1.4
E27A	Carson	19.32 92	P	Pn	07 56 45.8 +0.4
J25A	Sunshine Ranch	19.32 102	P	Pn	07 56 45.5 -0.1
H26A	Fairpoint	19.34 98	P	Pn	07 56 45.9 +0.1
B28A	Dugan Ranch, T	19.36 85	P	Pn	07 56 46.1 +0.1
CIS	Catalina Islan	19.39 149	P	Pn	07 56 47.7 +1.3
PHWY	Pilot Hill	19.49 110	eP	Pn	07 56 48.1 +0.3
G27A	Dupree	19.53 95	P	Pn	07 56 47.4 -0.6
I26A	New Underwood	19.58 100	P	P	07 56 47.9 +0.5
C28A	Hausauer Farms	19.59 87	P	P	07 56 48.4 -0.2
BELC	Belle Mtn. Jos	19.70 143	P	Pn	07 56 50.5 +0.3
H27A	Howes	19.77 97	P	P	07 56 50.1 +0.6
J26A	Sides Ranch, S	19.81 102	P	Pn	07 56 51.4 -0.1
E28A	Huff	19.81 91	P	Pn	07 56 51.2 -0.1
PV01	Paradox Valley	19.83 121	eP	Pn	07 56 53.3 +1.5
PFO	Pinyon Flats 0	19.88 145	LR	LR	08 04 55.8
A29A	Manning Farm,	19.93 83	P	Pn	07 56 51.9 -0.9
B29A	Wagenman Farm,	19.99 85	P	Pn	07 56 53.2 -0.2
MDND	Maddock	20.04 87	P	P	07 56 53.8 -0.2
MDND	Maddock	20.04 87	P	P	07 56 52.3 0.0
F28A	McLaughlin	20.04 93	P	Pn	07 56 54.0 -0.1
I27A	Quinn	20.06 99	P	Pn	07 56 53.5 -0.9
PDMC	Parker Dam,Lak	20.18 139	P	Pn	07 56 55.5 -0.3

G28A	Parade	20.30 95	P	Pn	07 56 56.0 +0.8
D29A	Pettibone, Tap	20.32 89	P	P	07 56 57.4 0.0
ISCO	Idaho Springs	20.35 113	P	Pn	07 56 57.7 -0.3
WUAZ	Wupatki	20.41 131	P	P	07 56 57.7 +1.1
H28A	Mission Ridge	20.42 96	P	Pn	07 56 57.6 -1.0
E29A	Napoleon	20.48 90	P	P	07 56 58.9 -0.4
Y12C	Blythe	20.50 140	P	P	07 56 58.3 +0.9
J27A	Elkhorn Farm,	20.50 101	P	Pn	07 56 59.2 -0.5
A30A	Hoffart Farm,	20.51 83	P	P	07 56 57.7 +0.3
MONP2	Monument Peak	20.53 145	P	P	07 56 59.1 +1.1
MVCO	Mesa Verde	20.55 123	P	P	07 56 58.5 +0.3
MVCO	Mesa Verde	20.55 123	eP	P	07 56 59.1 +1.0
B30A	Myrvik Farm, E	20.64 84	P	P	07 56 59.7 +0.8
I28A	Midland	20.65 98	P	P	07 56 59.6 +0.6
C30A	Mose, Pekin	20.80 86	P	P	07 57 01.4 +0.8
D30A	Buehman	20.84 88	P	P	07 57 01.7 +0.7
J28A	Allard Ranch,	20.90 99	P	P	07 57 02.5 +0.8
H29A	Onida	20.95 95	P	P	07 57 02.9 +0.6
E30A	Jud	20.97 90	P	P	07 57 03.4 +0.9
GLA	Glamis	20.99 142	P	Pn	07 57 04.4 -0.9
S22A	4UR Ranch, Cre	21.06 119	P	P	07 57 04.6 +0.8
B31A	Greenbush Farm	21.08 84	P	P	07 57 04.7 +1.1
I29A	Vivian Onida	21.18 97	P	P	07 57 05.9 +1.1
K28A	Ten Mile Ranch	21.19 101	P	P	07 57 06.5 +1.5
C31A	Laman Farms,	21.24 85	P	P	07 57 06.4 +1.0
G30A	Faulkton	21.40 93	P	P	07 57 08.1 +1.0
J29A	Okreek	21.48 99	P	P	07 57 09.1 +1.1
W18A	Petrified Fore	21.52 129	P	P	07 57 09.8 +1.1
W18A	Petrified Fore	21.52 129	eP	P	07 57 08.3 -0.4
E31A	Nome	21.60 89	P	P	07 57 10.0 +0.8
F31A	Hecla	21.65 91	P	P	07 57 10.3 +0.5
A32A	Rocking H Ranc	21.66 82	P	P	07 57 10.0 +0.2
ULM	Lac du Bonnet	21.67 78	P	LR	08 05 57.2
ULM	Lac du Bonnet	21.67 78	P	P	07 57 09.5 -0.4
OGNE	Ogallala	21.77 106	P	P	07 57 11.3 +0.1
I30A	Dacoma	21.79 96	P	P	07 57 11.4 +0.1
B32A	Ashes, Strandg	21.79 83	P	P	07 57 12.3 +1.0
SDCO	Great Sand Dun	21.80 117	P	P	07 57 12.3 +0.6
K29A	Lazy Trails An	21.82 100	P	P	07 57 12.8 +1.2
SUSD	Miller	21.84 95	P	P	07 57 12.7 +1.0
FCC	Fort Churchill	22.02 55	eP	P	07 57 15.8 +2.2
J30A	Dallas	22.04 98	P	P	07 57 14.5 +0.5
H31A	Wolsey	22.12 94	P	P	07 57 15.5 +0.6
AGMN	Agassiz Nation	22.25 83	P	P	07 57 16.7 +0.5
AGMN	Agassiz Nation	22.25 83	eP	P	07 57 17.4 +1.2
I31A	Royce, Wessing	22.30 95	P	P	07 57 15.7 -1.0
A33A	Warroad	22.34 81	P	P	07 57 17.1 -0.1
ARVN	Arviat, NU	22.37 49	P	P	07 57 18.7 +1.4
G32A	Webster	22.39 92	P	P	07 57 18.4 +0.7
YBK	Baker Lake, Hu	22.40 40	P	P	07 57 19.1 +1.5
O28A	Krutsinger Ran	22.43 107	P	P	07 57 18.7 +0.5
B33A	Robert and Kas	22.43 83	P	P	07 57 20.9 +2.8
KSCO	Kaye Shedlock	22.62 111	P	P	07 57 21.1 +0.8
KSCO	Kaye Shedlock	22.62 111	eP	P	07 57 21.7 +1.4
D33A	Ansamb, Waubun	22.67 86	P	P	07 57 21.8 +1.1
H32A	Carlson Farm,	22.77 93	P	P	07 57 22.4 +0.7
P28A	Salt Francis	22.78 109	P	P	07 57 23.0 +1.0
E33A	Westby DABS, E	22.81 88	P	P	07 57 22.3 +0.1
T25A	Trinidad	22.85 117	P	P	07 57 23.6 +0.7
K31A	O'Neill	22.87 99	P	P	07 57 23.4 +0.6
F33A	5 Mile Ranch,	22.90 89	P	P	07 57 23.6 +0.5
B34A	Aery, Baudette	22.95 82	P	P	07 57 24.8 +1.2
I32A	Karley and Nic	22.98 94	P	P	07 57 25.3 +1.3
J32A	Parkton	23.05 96	P	P	07 57 25.7 +1.0
L31A	Butterfield Fa	23.05 100	P	P	07 57 25.3 +0.5
Q28A	Sharon Springs	23.06 110	P	P	07 57 25.4 +0.5
C34A	RKJ Ranch, Bem	23.07 84	P	P	07 57 25.6 +0.7
G33A	Ortonville	23.09 91	P	P	07 57 25.3 +0.3
D34A	Park Rapids	23.10 86	P	P	07 57 25.7 +0.5
H33A	Prehn Over Nor	23.12 92	P	P	07 57 25.7 +0.2
ENLO	Experimental L	23.16 79	P	P	07 57 23.8 -2.0
ANMO	Albuquerque	23.14 124	P	P	07 57 28.7 +0.8
ANMO	Albuquerque	23.14 124	P	P	07 57 28.6 +0.7
TUC	Tucson	23.34 135	P	P	07 57 28.7 +0.9
R32A	Vergire	23.34 98	P	P	07 57 28.4 +0.7
K28A	Tribune	23.54 111	P	P	07 57 30.1 +0.4
B35A	Bob, Littlefor	23.57 82	P	P	07 57 30.0 0.0
G34A	Benson	23.57 90	P	P	07 57 30.3 +0.4
J33A	Davis	23.64 95	P	P	07 57 31.3 +0.6
C35A	Jirik Farms, M	23.64 83	P	P	07 57 31.1 +0.4
ECSD	EROS Data Cent	23.66 94	P	P	07 57 31.1 +0.2
ECSD	EROS Data Cent	23.66 94	eP	P	07 57 31.1 +0.2
MCMN	McManaman Lake	23.66 44	P	P	07 57 31.8 +1.2
Q29A	Oakley	23.68 109	P	P	07 57 31.8 +0.7
P30A	Selden	23.71 107	P	P	07 57 32.1 +0.7

N31A	Bailey Ranch,	23.74 103	P	P	07 57 32.0 +0.3
H34A	Spellman Lake,	23.75 92	P	P	07 57 32.0 +0.3
D35A	Remer	23.83 85	P	P	07 57 32.5 0.0
K33A	Hardington	23.98 97	P	P	07 57 34.8 +0.8
F35A	Swanville	23.99 88	P	P	07 57 34.6 +0.6
S28A	Manter	23.99 112	P	P	07 57 34.6 +0.4
SOLO	Sioux Lookout	24.08 77	P	P	07 57 33.9 -1.0
P31A	Stockton	24.25 106	P	P	07 57 37.4 +0.8
G35A	Watkins	24.32 89	P	P	07 57 37.6 +0.6
H35A	Sunnyside Ranc	24.33 91	P	P	07 57 37.6 +0.4
D36A	Goodland	24.35 84	P	P	07 57 37.8 +0.4
M33A	Taylor Creek F	24.41 99	P	P	07 57 38.5 +0.5
S29A	Ulysses	24.43 111	P	P	07 57 38.5 +0.4
O32A	Brockman Farm,	24.49 103	P	P	07 57 39.0 +0.3
R30A	Dighton	24.49 109	P	P	07 57 39.1 +0.3
E36A	McGregor	24.55 86	P	P	07 57 40.0 +0.8
I35A	Crechelew Farm	24.63 93	P	P	07 57 40.3 +0.4
F36A	Milaca	24.65 87	P	P	07 57 40.5 +0.4
P32A	Hulting Farm,	24.67 105	P	P	07 57 40.7 +0.3
PKLO	Pickle Lake	24.75 73	P	P	07 57 41.0 +0.2
ATKO					

2011 FEB

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Nestorio, Kozani, Metsovon, Ohrid, etc.

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

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

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

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

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ELDTW Lidau, WGW Gukeng, CHN2 Minshung, etc.

ISC 03 12:04:01.8, 3.1, 25.27S:177.54W, h95km, 32km, mb3.77, mb1.4/2.10, mb1mx3.9/3.1, mbtmp4.3/1.0, Error ellipse: s-maj=30.3km s-min=17.9km az=144.0

ISC 03 12:04:07.0, 0.7, 25.65S:177.5W, 0.2, h160km, mb3.8/7, Error ellipse: s-maj=20.4km s-min=10.1km az=11.6

ISC 03 12:04:07.0, 0.8, 25.72S:177.4W, 0.2, h160km, n12, c1502/12, mb3.8/7, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like RAO Raoul Island, AFI Afiamalu, etc.

SKHL 03 12:20:05.3, 0.5, 53.58N:142.64E, h10km, mb3.9/2, 1D, Sakhalin Island

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like OKH Okha, OKH 500nm, 0.3s, etc.

CSEM 03 12:44:22.9, 0.4, 39.12N:129.37E, h10km, MD2.6, Error ellipse: s-maj=10.0km s-min=7.3km az=154.0

ISC 03 12:44:22.9, 0.4, 39.12N:129.37E, h20km, MD2.9

ISC 03 12:44:23.6, 0.3, 39.12N:129.37E, h7km, MD2.6

ISC 03 12:44:23.9, 1.0, 39.07N:129.04E, h10km, n16, c1917/22, Turkey

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ILIC ilic-Erzincan, SARI SarDiz-Kayseri, etc.

MEX 03 12:45:59.3, 0.5, 15.59N:96.15W, h12km, 4km, MD3.7, Near coast of Oaxaca

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like HUIG Huatulco, PANG Puerto Angel, etc.

SCB 03 12:59:53.0, 0.9, 20.41S:69.59W, h75km, M1.4/2, Error ellipse: s-maj=86.6km s-min=18.5km az=105.0

GUC 03 12:59:55.8, 0.4, 20.38S:69.28W, h94km, 3km, M1.4.8, IDC 03 12:59:56.2, 0.7, 20.31S:69.00W, h100km, 6km, mb4.0/1.0, mb1.4/2.14, mb1mx4.1/2.7, mbtmp4.4/1.4, MS2.8/2, Ms1 2.9/2, ms1mx2.7/2.5, Error ellipse: s-maj=18.2km s-min=8.3km az=94.0

NEIC 03 12:59:56.9, 0.3, 20.26S:68.88W, mb4.4/2.2, MW4.3, Error ellipse: s-maj=9.2km s-min=6.6km az=78.0, Moment Tensor Solution, s9 Moment tensor: Scale 10^15Nm; M1=2.50; M2=0.25; M3=2.24; M4=0.13; M5=0.92; M6=2.11; Best double couple: M3 3.00000^0; NP1 3.500000^0; d55.00000^0; -1-110.00000^0; NP2 3.500000^0; Plg19.00000^0; Azm73.00000^0; N 0.00000; Plg9.00000^0; Azm166.00000^0; P -3.32000; Plg68.00000^0; Azm279.00000^0;

NEIC Felt [V] at Marina and Pica, [IV] at Huara and Pozo Almonte and [III] at Alto Hospicio and Iquique

ISC 03 12:59:55.7, 0.6, 20.33S:0.03, 69.17W, 0.06, h94km, 5km, n260, c1517/268, mb4.4/3.2, 1D, Northern Chile

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like HMBC Humberton, PB11 IPOC Station P, etc.

ISC 03 12:59:55.7, 0.6, 20.33S:0.03, 69.17W, 0.06, h94km, 5km, n260, c1517/268, mb4.4/3.2, 1D, Northern Chile

ISC 03 12:59:55.7, 0.6, 20.33S:0.03, 69.17W, 0.06, h94km, 5km, n260, c1517/268, mb4.4/3.2, 1D, Northern Chile

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like LPAZ La Paz, CPUP Villa Florida, etc.

ISC 03 12:59:55.7, 0.6, 20.33S:0.03, 69.17W, 0.06, h94km, 5km, n260, c1517/268, mb4.4/3.2, 1D, Northern Chile

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like OTAV Otavalo, CRUC La Cruz, etc.

ISC 03 12:59:55.7, 0.6, 20.33S:0.03, 69.17W, 0.06, h94km, 5km, n260, c1517/268, mb4.4/3.2, 1D, Northern Chile

ISC 03 12:59:55.7, 0.6, 20.33S:0.03, 69.17W, 0.06, h94km, 5km, n260, c1517/268, mb4.4/3.2, 1D, Northern Chile

ISC 03 12:59:55.7, 0.6, 20.33S:0.03, 69.17W, 0.06, h94km, 5km, n260, c1517/268, mb4.4/3.2, 1D, Northern Chile

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like X39A Fountain Ranch, TXAR Lajitas Array, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like X37A Clayton, Z34A Collier Ranch, etc.

Large table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like W38A Poteau, ABTX Abilene, PBMO Poplar Bluff, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like WUAZ Wupatki, ECSD EROS Data Cent, DBIC Dimbokro, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like EGMT Eagleton, TOAO Torodi Ar. Sit, TORD Torodi Ar. Bea, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like DAWY Dawson, HEN Hengchun, TWP Hsiailuochu, etc.

3d 16h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DRWC, MZRK, ZMKR, etc.

ISC 03 15:28:22.6±0.2, 201.45S±169.32E, h0km, mb4.0/6, mb1 4.2/7, mb1mx3.9/24, mbtmp3.9/7, ML3.3/1, MS2.7/1, Ms1 2.7/1, mb1mx2.5/33, Error ellipse: s-maj=63.6km, s-min=23.7km, az=136.0.

ISC 03 15:28:25.8±1.8, 20.8S±164.0E±0.3, h26km, m7, ±185/8, mb3.9/6, Loyalty Islands

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

CSEM 03 15:36:22.4±0.1, 43.16N±18.74E, h2km, ML2.8, Error ellipse: s-maj=3.1km s-min=2.4km az=96.0

BE0 03 15:36:22.8±0.3, 43.10N±18.75E, h5km±2km, MD2.6/1 PDG 03 15:36:22.5±0.2, 43.16N±18.71E, h11km, M2.9/5, ML2.8/12, Error ellipse: s-maj=0.3km s-min=0.4km az=0.0

PRU 03 15:36:23.3±0.3, 15N±18.70E, h5km

ISC 03 15:36:22.8±0.8, 43.17N±18.73E±0.02, h10km±6km, n91, ±0.86/144, 27C-20D, Northwestern Balkan

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

2011 FEB

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NKY, NIKSIC, NIKSIC, etc.

NEIC 03 15:37:16.7, 16.42N±93.84W, h123km, MD4.0(MEX), After MEX MEX 03 15:37:16.7±0.7, 16.42N±93.84W, h123km±14km, MD4.0, Chiapas

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

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ISCJB 03 15:39:31.0±1.0, 38.52N±0.0739.18E±0.07, h11km±8km, Error ellipse: s-maj=12.6km s-min=7.1km az=148.6 CSEM 03 15:39:30.3±0.3, 38.57N±39.07E, h15km, MD2.6, Error ellipse: s-maj=11.7km s-min=8.3km az=141.0 DDA 03 15:39:30.4, 38.58N±39.02E, h2km, MD2.6 ISC 03 15:39:30.1±1.3, 38.59N±0.0539.08E±0.05, h13km±9km, n8, ±0.83/13, Turkey

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

BUC 03 15:41:46.5±0.3, 44.23N±28.36E, h11km, MD2.1/3, 5C, Error ellipse: s-maj=3.7km s-min=0.4km az=132.0, Romania

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

ISK 03 15:44:57.9, 40.63N±30.43E, h11km, MD2.6 ISCJB 03 15:44:59.0±0.5, 40.60N±0.0430.39E±0.05, h10km±7km, Error ellipse: s-maj=6.8km s-min=5.5km az=138.5 CSEM 03 15:44:58.8±0.2, 40.58N±30.39E, h10km, MD2.6, Error ellipse: s-maj=5.4km s-min=5.2km az=99.0 DDA 03 15:44:59.3, 40.60N±30.37E, h7km, MD2.6 ISC 03 15:44:58.5±1.2, 40.59N±0.0330.40E±0.03, h2km±11km, n24, ±1.18/34, Turkey

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

ISCJB 03 15:55:37.5±0.6, 40.71N±0.0441.15E±0.05, h0km, Error ellipse: s-maj=7.3km s-min=3.5km az=137.6 CSEM 03 15:55:37.6±0.2, 40.67N±41.18E, h2km, MD2.6, Error ellipse: s-maj=5.5km s-min=2.6km az=138.0, Suspected Mining explosion. DDA 03 15:55:37.3, 40.69N±41.14E, h7km, MD2.6, Suspected Mining explosion. ISC 03 15:55:37.6±1.0, 40.70N±0.0441.16E±0.03, h0km, n15, ±0.86/25, Turkey

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

ISC 03 15:59:13.0±2.8, 27.15N±143.53E, h0km, mb3.4/3, mb1 3.6/3, mb1mx3.2/3, mbtmp3.4/3, Error ellipse: s-maj=59.3km s-min=29.8km az=48.0, Bonin Islands region

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

ISCJB 03 16:01:37.8±0.9, 27.1N±143.55E±0.1, h10km, mb3.7/8, Error ellipse: s-maj=14.8km s-min=12.7km az=6.5

ISC 03 16:01:38.3±1.1, 27.09N±143.49E, h0km, mb3.7/8, mb1 3.8/1, mb1mx3.7/36, mbtmp3.7/11, ML3.0/3, Error ellipse: s-maj=29.8km s-min=18.4km az=73.0

ISC 03 16:01:39.7±1.1, 27.1N±143.5E±0.1, h10km, n13, ±0.80/14, mb3.6/8, Bonin Islands region

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

3d 18h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Paso Flores, GERES Array B, SCHO Schefferville, etc.

SKHL 03 17:39:27.0±0.6, 44:32N-148:30E, h30km, mb3.8/2, Kuril Islands

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

SKHL 03 17:51:54.1±0.3, 43:32N-148:15E, h60km, mb3.5/1, 1D, East of Kuril Islands

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

IDC 03 17:54:37.6±1.0, 6:12N-124:73E, h0km, mb3.9/5, mb1.4/0.5, mb1mx3.6/57, mbtmp3.9/5, MS2.8/1, Ms1.2/8/1, ms1mx2.5/38, Error ellipse: s-maj=21.6km s-min=14.2km az=120.0

NEIC 03 17:54:38.7±0.6, 6:13N-124:85E, h10km, mb4.4/3, Error ellipse: s-maj=18.6km s-min=11.2km az=86.0

MAN 03 17:54:39.6±36N-124:72E, h1km, mb4.8, ML3.7, MS3.7, ISCJB 03 17:54:40.9±0.6, 6:12N-124:62E±0.07, h36km±9km, mb4.0/8, Error ellipse: s-maj=12.5km s-min=7.2km az=157.7

ISC 03 17:54:39.8±2.0, 6:17N-124:69E±0.07, h18km±12km, n104, ±144/108, mb4.0, 1/4, 4C-2D, South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like General Santos, Cotabato-PC H, Davao City-Mi, etc.

MAN 03 17:57:06, 17:20N-121:53E, h17km, mb4.5, ML3.4, MS3.2, 2C, Luzon

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

IDC 03 18:00:52.6±2.6, 36:74S-178:88E, h0km, mb4.0/2, mb1.4/3/3, mb1mx3.8/31, mbtmp4.0/3, ML2.6/1, MS2.5/1, Ms1.2/5/1, ms1mx2.4/27, Error ellipse: s-maj=63.3km s-min=39.6km az=128.0

ISCJB 03 18:00:59.6±1.0, 36:98S-178:57E±0.09, h35km, mb3.9/2, Error ellipse: s-maj=11.4km s-min=5.1km az=159.0

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NEIC 03 18:01:01.0, 36:93S-178:42E, h29km, ML4.0(WEL), After WEL

WEL 03 18:01:02.1±0.5, 36:99S-178:38E, h39km, ML4.0/13, Error ellipse: s-maj=4.3km s-min=3.8km az=90.0

ISC 03 18:01:01.8±1.5, 37:11S-178:07E±0.08, h35km±102, ±170/102, 4C-4D, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Matakaoa Point, Waionatini S, etc.

ISCJB 03 18:32:48.9±0.4, 43:32S-172:20E±0.06, h23km±4km, mb3.9/3, Error ellipse: s-maj=10.5km s-min=3.6km az=44.7

BUJ 03 18:32:48.4, 43:07S-172:08E, h12km, mb4.9/4, mb5.9/4, Ms5.5/2, Ms7.5/32

IDC 03 18:32:50.7±1.6, 43:24S-172:02E, h0km, mb3.6/2, mb1.3/9/2, mb1mx3.6/29, mbtmp3.6/2, Error ellipse: s-maj=45.1km s-min=12.5km az=139.0

NEIC 03 18:32:50.6, 43:16S-172:03E, h9km, MW4.1, ML4.5(WEL), Moment tensor: s35 Moment tensor: Scale 1015Nm; Mn=0.06; M1=1.37; M2=1.44; M3=0.05; M4=0.96; M5=0.50; Best double couple: M1:80000, 1015 NPT1:±243.0000°, 375.00000°, ±175.00000°; NP2:±152.00000°, 385.00000°, ±175.00000°; Principal axes: T:1.6900, Plg7.0000°, Azm198.0000°; N:0.1500, Plg74.0000°, Azm315.0000°; P:-1.8500, Plg14.0000°, Azm106.0000°; After WEL

Felt in Canterbury, WEL 03 18:32:50.5±0.1, 43:16S-172:02E, h8km±1km, ML4.4/35, Mw4.2 Error ellipse: s-maj=0.9km s-min=0.9km az=0.0

WEL Felt in the Canterbury region, Maximum reported intensity MW5 in

ISC 03 18:32:51.0±0.8, 43:26S-172:10E±0.03, h20km±2km, n104, ±144/108, mb4.1/4, 4C-2D, South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Oxford, Canterbury Las, McQueen's Vall, etc.

MAN 03 18:07:31.6±10N-127:42E, h14km, mb5.0, ML3.9, MS4.0, ISCJB 03 18:07:36.0±0.8, 5:58N-127:07E±0.08, h83km, mb3.6/8, Error ellipse: s-maj=15.4km s-min=8.7km az=39.0

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IDC 03 18:07:39.0±3.4, 5:99N-127:04E, h89km±28km, mb3.4/8, mb1.3/4/8, mb1mx3.2/50, mbtmp3.7/8, Error ellipse: s-maj=65.2km s-min=16.6km az=65.0

ISC 03 18:07:37.8±1.1, 5:8N-127:1E±0.1, h83km±n13, ±178/114, mb3.7/8, 1C-1D, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Mati, Davao City (W), Davao City-Mi, etc.

ISCJB 03 18:32:48.9±0.4, 43:32S-172:20E±0.06, h23km±4km, mb3.9/3, Error ellipse: s-maj=10.5km s-min=3.6km az=44.7

BUJ 03 18:32:48.4, 43:07S-172:08E, h12km, mb4.9/4, mb5.9/4, Ms5.5/2, Ms7.5/32

IDC 03 18:32:50.7±1.6, 43:24S-172:02E, h0km, mb3.6/2, mb1.3/9/2, mb1mx3.6/29, mbtmp3.6/2, Error ellipse: s-maj=45.1km s-min=12.5km az=139.0

NEIC 03 18:32:50.6, 43:16S-172:03E, h9km, MW4.1, ML4.5(WEL), Moment tensor: s35 Moment tensor: Scale 1015Nm; Mn=0.06; M1=1.37; M2=1.44; M3=0.05; M4=0.96; M5=0.50; Best double couple: M1:80000, 1015 NPT1:±243.0000°, 375.00000°, ±175.00000°; NP2:±152.00000°, 385.00000°, ±175.00000°; Principal axes: T:1.6900, Plg7.0000°, Azm198.0000°; N:0.1500, Plg74.0000°, Azm315.0000°; P:-1.8500, Plg14.0000°, Azm106.0000°; After WEL

Felt in Canterbury, WEL 03 18:32:50.5±0.1, 43:16S-172:02E, h8km±1km, ML4.4/35, Mw4.2 Error ellipse: s-maj=0.9km s-min=0.9km az=0.0

WEL Felt in the Canterbury region, Maximum reported intensity MW5 in

ISC 03 18:32:51.0±0.8, 43:26S-172:10E±0.03, h20km±2km, n104, ±144/108, mb4.1/4, 4C-2D, South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Oxford, Canterbury Las, McQueen's Vall, etc.

MAN 03 18:07:31.6±10N-127:42E, h14km, mb5.0, ML3.9, MS4.0, ISCJB 03 18:07:36.0±0.8, 5:58N-127:07E±0.08, h83km, mb3.6/8, Error ellipse: s-maj=15.4km s-min=8.7km az=39.0

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like White River Ci, Old Faithful, Indian Meadow, etc.

NIED 03 19:10:00.27,40N,143.40E, h5km, Mw3.9 Best double couple: M0:7.17000, M1:0.147, NP1:0.338, 0.0000, 0.17, 0.0000, ...

Main table listing seismic stations with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Chichi jima, Chichijima, Hachioji jima, etc.

IDC 03 19:12:06.9, 2.2, 6.51S, 129.48E, h0km, mb3.2/1, mb1 3.9/4, mb1mx3.5/33, mbtm23.7/4, ML3.9/3, Error ellipse: s-maj=90.7km s-min=28.4km az=76.0, Bonin Islands Sea

Table listing seismic stations with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Fitzroy Crossi, Warramunga Arr, etc.

ISCJB 03 19:40:34.0, 0.6, 41.88N, 0.03, 19.48E, h0km, mb3.3km, Error ellipse: s-maj=4.5km s-min=3.5km az=31.4

Main table listing seismic stations with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Ulcinj, Dracevica, Podgorica, etc.

IDC 03 20:09:32.5, 1.1, 45.14N, 107.00W, h0km, mb1 3.5/3, mb1mx2.9/28, mbtm3.3/3, ML2.3/2, Error ellipse: s-maj=38.8km s-min=6.8km az=131.0

Table listing seismic stations with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RLMT, GCMT, LKWY, etc.

BJI 03 20:25:14.8, 14.97S, 172.69W, h8km, mb5.0/56, mb6.1/55, Ms5.7/64, Ms7.5/57

ISCJB 03 20:25:14.4, 0.1, 15.53S, 0.03, 173.07W, h10km, mb5.2/113, MS5.6/214, Error ellipse: s-maj=5.3km s-min=3.2km az=146.1

NEIC 03 20:25:15.9, 0.1, 15.51S, 173.07W, h10km, mb5.4/62, MS5.7/155, MW5.8, MW6.0, MW5.9 Error ellipse: s-maj=6.7km s-min=3.3km az=134.0

ISC 03 20:25:19.3, 1.0, 15.52S, 173.05W, h3.3km, mb5.3/36, MS5.6/45 Error ellipse: s-maj=10.6km s-min=7.2km az=76.1

Main table listing seismic stations with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Afi Amalamu, Nonsavu, Rararotonga, etc.

WHZ	Wether Hill Ro	34.17 204	eP	P	20 32 02.1 +0.9
EIDS	Eidsvold	34.97 248	eP	P	20 32 06.8 -1.6
ARMA	Armidale	35.61 239	P	P	20 32 12.6 -1.4
ARMA	Armidale	35.61 239	eP	P	20 32 12.8 -1.2
RKT	Rikitea	36.51 108	eS	S	20 38 04.6 +1.8
RKT	comp=Z,24m,26.8s		eLQ	LQ	20 40 38.5
RKT	comp=Z,4m,28.8s		eLR	LR	20 42 08.1
RKT	comp=Z,19m,26.8s		eLR	LR	20 42 08.1
RKT	Rikitea	36.51 108	eT	T	21 10 46.9
CNB	Canberra Magne	38.97 233	P	P	20 32 41.7 -0.7
CTA	Charters Tower	39.02 257	LR	LR	20 47 05.4
CTAO	Charters Tower	39.02 257	PFAKE	LR	20 32 50.0 +7.0
CTAO	comp=Z,16m,19.0s		LR	LR	
POHA	Pohakuloa	39.10 27	PFAKE	LR	20 33 00.0 +1.6
CAN	Canberra	39.25 233	eP	P	20 32 46.1 +1.4
CAN	comp=Z,33nm,1.2s		LR	LR	
CAN	Canberra	39.25 233	eP	P	20 32 46.2 +1.4
CAN	comp=Z,33nm,1.2s		MLR	MLR	
H1S2	WAKE ISLAND Hy	39.37 329	T	T	21 14 42.2
H1S3	WAKE ISLAND Hy	39.38 329	T	T	21 14 35.3
PMG	Port Moresby	39.38 274	LR	LR	20 46 49.5
PMG	Port Moresby	39.38 274	P	P	20 32 46.0 -0.1
PMG	Port Moresby	39.38 274	eP	P	20 32 45.7 -0.3
H1S1	WAKE ISLAND Hy	39.39 329	T	T	21 14 30.0
KIP	Kipapa	39.62 22	eP	P	20 32 48.6 +0.8
KIP	comp=Z,397nm,1.8s		LR	LR	
KIP	Kipapa	39.62 22	eP	P	20 32 48.6 +0.8
KIP	comp=Z,397nm,1.8s		MLR	MLR	
WAKE	Wake Island	40.07 329	PFAKE	LR	20 33 00.0 +8.5
H1N3	WAKE ISLAND Hy	40.31 330	T	T	21 15 43.4
H1N1	WAKE ISLAND Hy	40.32 330	T	T	21 15 40.9
H1N2	WAKE ISLAND Hy	40.33 330	T	T	21 16 03.2
CMSA	Cobar Meteorol	40.82 240	P	P	20 32 55.9 -1.8
MTSU	Mount Surprise	40.91 260	P	P	20 32 58.0 -0.7
PTCN	Pitcairn Islan	41.12 110	PFAKE	LR	20 33 10.0 +1.0
COEN	Coen	42.40 266	P	P	20 33 11.1 +0.1
COEN	comp=Z,62nm,0.9s		P	P	20 33 10.6 -0.3
TAU	Tasmania Univ	43.46 223	PFAKE	LR	20 33 30.0 +1.1
MIDW	Midway	43.78 354	PFAKE	LR	20 33 30.0 +8.3
STKA	Stevens Creek	44.31 240	P	P	20 33 25.0 -1.1
STKA	comp=Z,16nm,0.5s,baz=89,slo=5.6,SNR=71		LR	LR	20 50 23.5
STKA	Stevens Creek	44.31 240	P	P	20 33 25.1 -1.0
STKA	Stevens Creek	44.31 240	eP	P	20 33 24.6 -1.5
STKA	Stevens Creek	44.31 240	P	P	20 33 25.0 -1.1
ARPS	Mount Arapiles	45.21 233	P	P	20 33 32.5 -0.7
QIS	Mount Isa	45.25 256	P	P	20 33 33.1 -0.8
HETT	Hallett	46.80 239	P	P	20 33 45.1 -0.9
BBOO	Buckleboob	49.08 240	P	P	20 34 02.0 -1.5
BBOO	Buckleboob	49.08 240	eP	P	20 34 01.4 -2.1
WB2	Warramunga Arr	50.21 257	eP	P	20 34 10.7 -1.6
WRAB	Tennant Creek	50.21 257	P	P	20 34 10.6 -1.7
WRAB	Tennant Creek	50.21 257	eP	P	20 34 10.4 -1.9
WRAB	Tennant Creek	50.21 257	eP	P	20 34 09.9 -2.4
WRA	Warramunga Arr	50.22 257	P	P	20 34 10.8 -1.6
WRA	comp=Z,15nm,0.8s,baz=92,slo=6.8,SNR=88		LR	LR	20 54 29.3
AS07	Alice Springs	50.40 252	P	P	20 34 13.0 -0.7
AS15	Alice Springs	50.45 252	P	P	20 34 13.4 -0.8
AS31	Alice Springs	50.46 252	eP	P	20 34 12.2 -1.9
ASAR	Alice Springs	50.46 252	P	P	20 34 13.2 -1.0
ASAR	comp=Z,74nm,0.9s,baz=88,slo=7.7,SNR=300		S	S	20 41 26.6 -0.3
GUMO	Guam	50.82 303	LR	LR	20 53 42.0
MTN	Mannton Dam	54.15 265	P	P	20 34 41.1 -0.6
MTN	Mannton Dam	54.15 265	eP	P	20 34 40.4 -1.2
SWI	Sorong	55.93 279	S	S	20 35 03.0 +1.3
FITZ	Fitzroy Crossi	58.59 258	eP	P	20 35 15.5 +2.2
LBMI	Labuha	60.58 278	S	S	20 35 27.5 +0.4
JCJ	Chichijima	60.82 314	LR	LR	20 56 53.7
SOE	Soe	61.35 267	eP	P	20 35 33.3 +0.8
SBA	Scott Base	63.07 185	eP	P	20 35 42.9 +0.1
SBA	comp=Z,3m,19.0s		MLR	MLR	
SBA	Scott Base	63.07 185	eP	P	20 35 42.9 +0.1
VNDA	Vanda	63.21 186	P	P	20 35 46.6 +2.9
VNDA	comp=Z,8.0nm,1.0s,baz=92,slo=6.8,SNR=4.2		LR	LR	21 01 01.2
VNDA	Vanda	63.21 186	eP	P	20 35 47.3 +3.6
VNDA	comp=Z,25nm,1.0s		P	P	20 35 46.7 +2.9
VNDA	comp=Z,8.0nm,1.0s		MLR	MLR	
EDFI	Ende, Flores	64.06 268	P	P	20 35 50.2 -0.3
NWAO	Narogin (SRO)	64.89 241	PFAKE	LR	20 36 10.0 +1.4

DAV	Davao City (W)	64.91 286	LR	LR	21 02 46.0
JHJ	Hachiojima 2	66.22 318	LR	LR	20 59 15.8
KAPI	Kappang	66.82 271	PFAKE	LR	20 36 20.0 +1.2
DBNI	Kabupaten Domp	67.36 267	P	P	20 36 11.3 -0.5
TWSI	Taliwang, Sumb	68.69 257	P	P	20 36 21.4 +1.4
MJAR	Matsushiro Arr	69.38 320	P	P	20 36 22.4 -1.5
MJAR	comp=Z,8.4nm,0.9s,baz=153,slo=5.5,SNR=17		LR	LR	21 01 02.3
MAJO	Matsushiro	69.39 320	eP	P	20 36 24.3 +0.4
MAJO	comp=Z,25nm,1.3s		LR	LR	
MAJO	Matsushiro	69.39 320	eP	P	20 36 23.4 -0.5
MAT	Matsushiro	69.39 320	P	P	20 36 22.9 -1.0
MJB	Matsu-Tunnel	69.39 320	eP	P	20 45 37.4 +7.7
ERM	Erimo	70.18 327	PFAKE	LR	20 36 24.5 +0.5
KUR	Kuril'sk	70.22 332	eP	P	20 36 28.7 -0.1
KUR	comp=Z,789nm,5.1s		pmx	pmx	20 45 41.7 +2.7
KUR	comp=N,33nm,1.5s		pmx	pmx	
KUR	comp=E,52nm,1.5s		pmx	pmx	
KUR	comp=Z,52nm,1.5s		pmx	pmx	
YUK	Yuzh-Kuril'sk	70.26 330	eP	P	20 36 28.5 -0.6
YUK	comp=Z,918nm,9.7s		pmx	pmx	20 45 44.6 +5.0
YUK	comp=E,44nm,1.4s		pmx	pmx	
YUK	comp=Z,127nm,1.4s		pmx	pmx	
CASY	Casey	70.40 205	PFAKE	LR	20 36 40.0 +1.0
PKM	McPherson Peak	71.16 44	P	P	20 36 35.0 0.0
JAGI	Jajag, Banyuwa	71.37 266	eP	P	20 36 41.0 +4.4
JAGI	Jajag, Banyuwa	71.37 266	eP	P	20 36 38.4 +1.8
SKR	Severo-Kuril's	71.37 340	eP	P	20 36 24.0 -1.2
SKR	comp=N,57nm,1.0s		eS	SS	20 45 54.0 +1.8
SKR	comp=N,2m,10.0s		pmx	pmx	20 50 30.0 +2.6
SKR	comp=Z,2m,10.0s		smx	smx	
SKR	comp=N,2m,14.0s		smx	smx	
SKR	comp=E,3m,14.0s		MLR	MLR	
SKR	comp=N,4m,20.0s		MLR	MLR	
SKR	comp=E,2m,20.0s		MLR	MLR	
KIPM	Iron Peak	71.83 38	eP	P	20 36 34.9 -4.1
ASAJ	Asahikawa	71.95 328	LR	LR	21 10 10.4
ASAJ	Asahikawa	71.95 328	eP	P	20 36 40.9 +1.6
MWC	Mount Wilson	71.97 45	eP	P	20 36 39.4 -0.6
MWC	comp=Z,22nm,1.1s		eP	pmx	20 36 39.4 -0.6
BLJ	Banyuglugur	72.08 267	P	P	20 36 43.4 +2.6
VES	Vestal, Richgr	72.20 44	P	P	20 36 41.4 +0.4
JNU	Nakatsue	72.26 313	LR	LR	21 03 24.6
EDW	Edwards Air Fo	72.39 45	P	P	20 36 42.5 +0.2
PET	Petropavlovsk	72.61 342	PFAKE	LR	20 36 50.0 +6.9
PET	Petropavlovsk	72.61 342	eP	P	20 36 42.3 -0.8
PET	Petropavlovsk	72.61 342	eS	pmx	20 46 03.7 -2.7
PET	comp=Z,17nm,11.4s		pmx	pmx	
PET	comp=Z,2m,12.8s		MLR	MLR	
PET	comp=Z,2m,18.0s		MLR	MLR	
PET	comp=Z,2m,19.0s		MLR	MLR	
PET	comp=Z,2m,19.0s		MLR	MLR	
CMB	Columbia Colle	72.64 41	eP	P	20 36 43.3 -0.4
CMB	comp=Z,138nm,1.3s		eP	pmx	20 36 43.3 -0.4
PFO	Pinyon Flats O	72.75 47	eP	P	20 36 45.1 +0.6
PFO	comp=Z,138nm,1.3s		eP	P	20 36 44.6 +0.1
PFO	Pinyon Flats O	72.75 47	eP	P	20 36 45.1 +0.6
PFO	comp=Z,14nm,1.1s		LR	LR	
PFO	Pinyon Flats O	72.75 47	eP	pmx	20 36 44.6 +0.1
PFO	comp=Z,14nm,1.1s		MLR	MLR	
AFDM	Forest Hills D	72.82 40	eP	P	20 36 45.3 +0.6
ORV	Oroville	72.87 39	eP	P	20 36 43.8 -1.2
ORV	comp=Z,7nm,1.4s		pmx	pmx	20 36 43.8 -1.2
ORV	Oroville	72.87 39	eP	P	20 36 43.8 -1.2
WDC	Whiskeytown Da	72.88 38	eP	P	20 36 43.9 -1.1
WDC	Whiskeytown Da	72.88 38	eP	P	20 36 43.9 -1.1
WDC	Whiskeytown Da	72.88 38	eP	P	20 36 43.9 -1.1
LRMC	Laurel Mtn Rad	72.93 45	P	P	20 36 46.3 +0.7
PETK	Petropavlovsk	72.97 342	P	P	20 36 44.7 -0.5
PETK	comp=Z,30nm,0.9s,baz=126,slo=7.7,SNR=17		LR	LR	21 06 13.0
BELC	Belle Meade	73.28 47	P	P	20 36 48.6 +0.9
KKM	Kota Kinabalu	73.35 281	PFAKE	LR	20 37 00.0 +1.2
MPMC	Manu, Prospe	73.39 44	P	P	20 36 48.7 +0.4
MTUM	Tungsten Hills	73.41 43	eP	P	20 36 47.7 -0.7
GSC	Goldstone, Bar	73.43 45	eP	P	20 36 48.9 +0.4
GSC	Goldstone, Bar	73.43 45	eP	P	20 36 49.0 +0.5
GSC	Goldstone, Bar	73.43 45	eP	pmx	20 36 49.0 +0.5
DAC	Darwin (Calif)	73.44 44	eP	P	20 36 48.9 +0.3
DAC	Darwin (Calif)	73.44 44	eP	P	20 36 48.9 +0.3
BC3	Big Chuckawall	73.48 47	P	P	20 36 49.2 +0.4
HEC	Hector Ludlow	73.49 47	P	P	20 36 49.1 +0.2
YBH	Yreka Blue Hor	73.51 37	P	P	20 36 49.5 +0.7
YBH	comp=Z,2.7nm,0.7s,baz=32,slo=2.6,SNR=4.9		P	P	20 36 48.1 -0.7
WAKR	Walker	73.52 41	eP	P	20 36 48.5 -0.6
GLA	Glamis	73.61 48	eP	P	20 36 50.7 +1.1
GLA	comp=Z,41nm,1.4s		P	P	20 36 50.7 +1.1
GLA	Glamis	73.61 48	eP	pmx	20 36 50.7 +1.1
SJI	Sawahan	73.84 266	P	P	20 36 55.3 +3.9
YSS	Yuzh-Sakhalins	73.89 330	eP	P	20 36 51.8 +1.1

YSS	comp=Z,66nm,1.1s		LR	LR	
YSS	comp=Z,1m,20.0s		eP	P	20 36 51.0 +0.3
YSS	Yuzh-Sakhalins	73.89 330	eP	P	20 37 03.0
YSS	comp=Z,1m,20.0s		eS	SS	20 46 20.0 -1.1
YSS	comp=Z,1m,20.0s		eS	SS	20 47 06.0
YSS	comp=Z,1m,20.0s		eS	SS	20 51 09.0 +3.0
YSS	comp=Z,50nm,1.0s		pmx	pmx	
HUMO	Hull Mountain	73.92 36	eP	P	20 36 54.0 +2.8
GMRC	Grate Mounta	73.94 46	P	P	20 36 51.4 -0.2
IRM	Iron Mountain	73.96 47	P	P	20 36 51.8 +0.2
GRAC	Grapevine Rang	73.99 43	P	P	20 36 52.3 +0.6
FURC	Furnace Creek,	74.03 44	P	P	20 36 52.0 +0.2
TUQ	Turquoise Moun	74.11 45	P	P	20 36 52.5 0.0
SHOC	Shoshone, Teco	74.12 45	P	P	20 36 52.7 +0.2
NV01	Mina Array Sit	74.20 42	eP	P	20 36 52.9 -0.2
NVAR	Mina Array Bea	74.20 42	eP	P	20 36 53.2 +0.1
NVAR	comp=Z,1.7nm,0.7s,baz=226,slo=9.9,SNR=12		LR	LR	21 02 15.3
NV11	Mina Array Sit	74.29 42	eP	P	20 36 53.8 +0.2
GSPA	South Pole Qui	74.43 180	eP	P	20 36 53.0 -1.0
GSPA	comp=Z,284nm,1.1s		LR	LR	
PDMC	Parker Dam,Lak	74.75 47	P	P	20 36 56.3 +0.2
MOD	Modoc Plateau	75.02 38	eP	P	20 36 58.7 +1.0
KDAK	Kodiak Island	75.05 11	eP	P	20 36 57.2 0.0
KDAK	comp=Z,198nm,2.0s		LR	LR	
KDAK	Kodiak Island	75.05 11	eP	pmx	20 36 57.2 0.0
KDAK	comp=Z,198nm,2.0s		MLR	MLR	
NACB	Ninganchiao	75.13 301	eP	P	20 37 05.7 +7.2
K05A	Summer Lake	75.18 37	eP	P	20 36 59.9 +1.2
SHRP	Sheep Range	75.20 45	eP	P	20 36 59.4 +0.5
G03D	McMinnville, O	75.44 34	P	P	20 37 00.4 +0.6
YHNB					

3d 20h

Table with columns for station name, frequency, power, and other technical details. Includes stations like SSE, BMO, 121A, MFID, etc.

2011 FEB

Table with columns for station name, frequency, power, and other technical details. Includes stations like CN2, DMLT, IMW, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like 834A, AMTX, 533A, etc.

Table with columns for call sign, frequency, mode, and other parameters. Includes stations like GYA, PSI, XAN, SLVN, YAK, HHC, HHH, HCH, HHT, TRIT, GSI, V38A, V37A, YKA, YKB, MIAR, S37A, TEIG, T38A, BTO, JTS, ECSD, R38A, P37A, A29A, U40A, KMI, G33A, R39A, S40A, FFC, CD2, R40A, P39A, EFI, NNA, VNA3, SNA, M38A.

Table with columns for call sign, frequency, mode, and other parameters. Includes stations like SCIA, LCO, A32A, CMAR, VNA2, AGMN, CHTO, A33A, LZH, ULM, B34A, C35A, BOD, OTAV, BRAL, D36A, PAF, JFWS, HDIL, SONA1, SONM, SONM2, TIXI, TIXI2, BCIP, EYMN, TRQA, LVC, COWI, GTA, G3A, P37A, A29A, U40A, KMI, G33A, R39A, S40A, FFC, CD2, R40A, P39A, EFI, NNA, VNA3, SNA, M38A.

Table with columns for call sign, frequency, mode, and other parameters. Includes stations like CBN, SDV, BINY, SDDR, SAML, GRTK, LONY, CHLP, PVM, SKHT, ADKI, SJJ, PKME, NJS, RCLA, SRLM, DGAR, RPR, HYBB, SRSP, BBSR, KURK, KLRI, SPB, ANWB, FDF, BBGH, KSH, SFJD, EKS2, BVAR, BRVK, BRVK2, KKR, KKR2, SVE, SOKR, ARU, ARU2, ARU3, ARU4, ARU5, ARU6, ARU7, ARU8, ARU9, ARU10, ARU11, ARU12, ARU13, ARU14, ARU15, ARU16, ARU17, ARU18, ARU19, ARU20, ARU21, ARU22, ARU23, ARU24, ARU25, ARU26, ARU27, ARU28, ARU29, ARU30, ARU31, ARU32, ARU33, ARU34, ARU35, ARU36, ARU37, ARU38, ARU39, ARU40, ARU41, ARU42, ARU43, ARU44, ARU45, ARU46, ARU47, ARU48, ARU49, ARU50.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like FINES Array B, RCBR Riachuelo, and various other frequencies.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like GOPC GO Pecny, ONDR, and various other frequencies.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like BNI Bardonecchia, PABO Cabril, and various other frequencies.

JMA 03 20:25:20.9, 34.99N-137.07E, h37km, M2.9, 1C-3D. Broadcast fault plane solution: P waves. NP1: ... Principal axes: T ... Near south coast of eastern Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JAO Obara, JAO Atsumi, and various other frequencies.

mb1 3.8/3, mb1mx3.6/33, mbtmp3.7/3, ML4.6/1, Error ellipse: s-maj=65.0km s-min=45.3km az=110.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like MXZ Matakaoa Point, WMGZ Waomatatini S, HAZ Te Kaha, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like JSE Eniwo, JEW Furan, JFR Ashorobuto, etc.

IDC 03 20:55:30.9-3.9, 15'50S-172.65W, h0km, mb3.9/3, mb1 4.1/3, mb1mx3.6/33, mbtmp3.9/3, Error ellipse: s-maj=171.7km s-min=24.5km az=134.0, Samoa Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like AFI Afiamalu, H11S2 WAKE ISLAND HY 39.43 328 T, etc.

ISCJB 03 20:38:52.1+1.3, 43.73N, 0147.47E, h1km, 11km, Error ellipse: s-maj=19.2km s-min=7.1km az=141.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like SHO Shikotan, YUK Yuzh-Kuril'sk, NEM2 Nemuro 2, etc.

CSEM 03 20:44:04.1, 42.59N, 13.13E, h11km, MD1.9/11, ROM 03 20:44:04.1-0.1, 42.59N, 13.13E, h11km, MD1.9/11, MI1.8/6, Error ellipse: s-maj=1.1km s-min=0.5km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like LNNS Leonessa, SMA1 SAN MARTINO, SMA1 SAN MARTINO, etc.

JMA 03 21:03:07.0-0.4, 27.15N-143.67E, h27km, M4.0, Bonin Islands region

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

ISCJB 03 21:13:09.5-0.5, 19.39S, 010.176W, 0.0, 1.2h19km, mb3.9/10, Error ellipse: s-maj=20.3km s-min=9.6km az=311.6

IDC 03 21:13:09.0-2.5, 19.41S, 175.94W, h201km, 24km, mb3.6/10, mb1 3.9/12, mb1mx3.6/47, mbtmp4.2/12, Error ellipse: s-maj=25.8km s-min=11.9km az=141.0

ISC 03 21:13:10.5-0.6, 19.55S, 010.175W, 0.1, h219km, n22, a1912/22, mb3.7/10, Tonga Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like AFI Afiamalu, WZM Mont Dzumac, WGMZ Waomatatini S, etc.

ROM 03 20:42:10.2-0.1, 42.60N, 13.12E, h11km, MD1.5/3, MI1.8/1, Error ellipse: s-maj=1.0km s-min=0.8km az=28.0, Central Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like LNNS Leonessa, SMA1 SAN MARTINO, NRCA Norcia, etc.

IDC 03 20:49:13.0-3.9, 19.25S, 167.77E, h0km, mb3.6/3, mb1 3.7/4, mb1mx3.5/35, mbtmp3.6/4, ML3.4/1, Error ellipse: s-maj=84.6km s-min=32.1km az=102.0, Vanuatu Islands region

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

IDC 03 21:19:32.1-4.6, 15.52S, 172.57W, h0km, mb3.9/4, mb1 4.2/4, mb1mx3.7/45, mbtmp3.9/4, Error ellipse: s-maj=196.7km s-min=21.9km az=133.0

ISCJB 03 21:19:35.1-0.8, 15.49S, 0109.172W, 0.1, h35km, mb4.0/7, Error ellipse: s-maj=20.6km s-min=8.5km az=32.9

NEIC 03 21:19:35.6-3.1, 15.56S, 172.46W, h28km, 22km, mb4.4/3, Error ellipse: s-maj=18.5km s-min=10.5km az=117.0

ISC 03 21:19:36.5-0.9, 15.55S, 010.172W, 0.1, h35km, n12, a1911/13, mb4.2/7, Samoa Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like AFI Afiamalu, FUNA Funafuti, RAOU Raoul Island, etc.

DJA 03 20:42:49.8-0.7, 8.54S, 12.9E, h10km, M4.8/4, M85.6/1, mb5.4/1, MLV4.6/4, Mw(mb)5.1/1

IDC 03 20:42:53.0-6.0, 8.54S, 130.83E, h0km, mb4.0/8, mb1 4.4/11, mb1mx4.1/36, mbtmp4.2/11, ML4.8/3, Error ellipse: s-maj=39.5km s-min=19.5km az=77.0

ISCJB 03 20:42:57.0-6.4, 6.74S, 0.05N, 130.7E, 0.1, h47km, mb4.0/12, Error ellipse: s-maj=15.4km s-min=6.1km az=169.4

NEIC 03 20:43:01.2-1.1, 6.71S, 130.90E, h63km, 11km, mb4.2/4, Error ellipse: s-maj=16.6km s-min=9.7km az=87.0

ISC 03 20:42:59.2-0.5, 6.83S, 0.05N, 130.80E, 0.10, h47km, n38, a150/39, mb3.9/12, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like SAUI Saumlaki, BNDI Bandanaira, MSAI Masohi, etc.

ISCJB 03 20:53:43.0-2.4, 44.16N, 0146.11E, 0.07, h232km, 3km, mb3.2/7, Error ellipse: s-maj=9.0km s-min=8.3km az=160.2

JMA 03 20:53:43.0-2.4, 18N, 141.13E, h230km, 2km, M3.2, IDC 03 20:53:43.0-6.0, 4.4, 18N, 141.12E, h221km, 6km, mb3.0/7, mb1 3.2/10, mb1mx3.0/43, mbtmp3.6/10, Error ellipse: s-maj=17.1km s-min=14.8km az=132.0

ISC 03 20:53:44.1-0.7, 44.16N, 0146.11E, 0.06, h227km, 6km, n28, a085/39, mb3.2/7, Hokkaido region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like JYG Yagishiri, JSS Shosan, JHR Hokuryu, etc.

Table with columns: KUZU, Kuzuni, 0.83 192, iP, Pg, 22 48 35.9, +0.1, etc.

IDC 03 22:49:16.5-8.5,35.68N-99.13E,h0km,mb3.7/2, mb1 3.6/4,mb1mx3.2/42,mbmp3.5/4,ML3.2/2,Error ellipse: s-maj=135.8km s-min=70.1km az=152.0, Qinghai

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

ISCJB 03 22:54:55.3-0.5,37.90N-0103:27.29E,0.04,h6km,6km, Error ellipse: s-maj=4.9km s-min=4.5km az=172.9 CSEM 03 22:54:55.3-0.2,37.93N-27.27E,h2km,MD2.6, Error ellipse: s-maj=5.6km s-min=3.6km az=94.0 DDA 03 22:54:55.0,37.88N-27.30E,h2km,MD2.6 ISK 03 22:54:55.2,37.91N-27.34E,h9km,MD3.0 ISC 03 22:54:55.2-1.1,37.91N-02:27.29E,0.03,h6km,10km, n33,c042/48,Turkey

Main table for station data with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time Res, etc.

IDC 03 22:58:03.5-7.8,10.83Sx148.93E,h0km,mb3.6/1, mb1 3.6/3,mb1mx3.3/28,mbmp3.4/3,ML3.3/2,Error ellipse: s-maj=229.1km s-min=43.3km az=115.0, Eastern New Guinea region

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

ISCJB 03 23:22:48.0-0.6,37.05N-0102:10'02W,0.04,h13km, Error ellipse: s-maj=4.9km s-min=2.8km az=144.9 CNRM 03 23:22:49.8,36.70N-101:35W,h30km,MD3.6 SFS 03 23:22:50.0,36.90N-101:30W,h30km,ML3.6 MDD 03 23:22:50.2,0.8,36.97N-101:37W,h30km,mbL3.6/43, Error ellipse: s-maj=7.7km s-min=5.5km az=58.0,PRXIMO IGLI 03 23:22:50.5,36.91N-101:35W,h30km,ML3.4 LDG 03 23:22:51.3-0.2,37.01N-101:35W,h30km,ML3.6/8, Error ellipse: s-maj=3.3km s-min=2.2km az=45.0 INMG 03 23:22:51.2-1.0,36.94N-101:34W,h31km,MD3.2,ML3.4, Error ellipse: s-maj=3.7km s-min=2.1km az=67.0 CSEM 03 23:22:51.9-0.3,37.08N-101:12W,h30km,ML4.4/25, Error ellipse: s-maj=6.2km s-min=3.5km az=58.0 ISC 03 23:22:47.3-0.9,37.05N-0103:10'17W,0.04,h13km,n212, -2502/326,10C-6D,Azores-Cape St Vincent

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

Main table for station data with columns: MORF, PNCL, MESJ, PBDV, LIS, PMAFR, MOE, PBEJ, EGRO, EVO, EVO, EVO, ALMR, PMTG, PESTR, EMIN, PTOM, etc.

Main table for station data with columns: PTOM, EBAD, PMRV, PMRV, PMRV, SFS, PCAS, PCAS, PCAS, GIBL, GIBL, CNIL, ESPR, ESPR, ESPR, PCBR, PCBR, PCBR, PCBR, ALJ, ALJ, ALJ, TSY, TSY, TSY, LJA, LJA, LJA, MTE, MTE, MTE, REAL, REAL, REAL, ECEU, ECEU, ECEU, PVIS, PVIS, PVIS, PVIS, EMIJ, EMIJ, EMIJ, EADA, EADA, EADA, PVRL, PVRL, PVRL, POLO, POLO, POLO, MVO, MVO, MVO, MVO, EGOR, EGOR, EGOR, PCAB, PCAB, PCAB, PCAB, ELOB, ELOB, ELOB, PVLZ, TGT, TGT, PGAV, PGAV, PGAV

3d 23h

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

2019 FEB

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like ELAN, EMOS, ESAC, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like TJIG, ECXB, IBP, etc.

Table with columns: ARCO, IAML, 23 38 14.6, 23 36 50.2 +1.9, 23 36 55.1 +1.5, 23 36 57.7 +0.4, 23 37 04.8 +0.6, 23 37 06.0 +0.9, 23 37 08.4 +0.1, 23 37 18.3 +0.6, 23 38 58.1 -1.1, 23 39 03.0, 23 37 19.2 -0.8, 23 37 20.1 -1.4, 23 38 45.8 -2.5, 23 37 36.1 0.0, 23 39 46.1, 23 37 36.3 -0.4, 23 40 21.5, 23 37 42.8 +1.4, 23 37 52.5 -2.4, 23 39 58.7 +1.0, 23 38 52.4 +0.9, 23 38 51.6 +0.1, 23 39 25.3 -0.4, 23 45 20.2, 23 40 09.9 +1.4, 23 40 35.4 -0.2, 23 51 14.8, 23 41 25.6 -2.0, 23 43 46.2 +0.5, 23 46 49.6 +0.5, 23 46 53.9 -0.2, 23 46 59.7 +0.5, 23 47 19.3 -0.7, 23 47 20.8 -1.0, 23 48 07.2 +1.1, 23 48 07.8 +0.9, 23 48 09.0 -0.8, 23 54 18.4 +1.6, 23 55 19.0 +0.6, 23 56 03.3 -0.4

MEX 03 23:35:50.8-0.5, 15.06N-92.70W, h80km±14km, MD3.8, Mexico-Guatemala border region. Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s, ISC. Includes stations like PCIG, CCIG, TGIG, MAN 03 23:45:55, 10.05N-125.64E, h108km, mb4.4, ML3.2, MS3.0, 2C-2D, Leyte.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s, ISC. Includes stations like SCPH, MSLP, BUTP, PLP, LLP, TBP, BUKP, IDC 03 23:51:44.6±1.3, 15.50S±173.09W, h0km, mb4.0/9, mb1 4.3/9, mb1mx3.0/36, mbtmp 0.0/9, MS3.4/3, MS1 3.4/3, ms1mx3.1/40, Error ellipse: s-maj=64.6km s-min=20.1km az=146.0.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s, ISC. Includes stations like AFI, RAR, PPT, POHA, H1S2, H1S3, H1S1, STKA, WRA, GUMO, ASAR, PETK, NVAR, TXAR, MCK, PDAR, COLA, ILAR, SDCO, RSSD, COCO, YKA, GERES. Includes IDC 03 23:51:49.6±0.8, 15.15S±172.99W, h129km, n26, r1584/21, mb4.1/16, Samoa Islands region.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s, ISC. Includes stations like BRTR, WEL 03 23:53:02.2±0.1, 14.4074S±175.94E, h28km, ML3.7/35, 7C-8D, Error ellipse: s-maj=1.4km s-min=0.8km az=90.0, North Island. Includes stations like TIWZ, PRWZ, BFZ, CPWZ, MRZ, HOWZ, TMWZ, POWZ, DVHZ, ANWZ, MTWZ, OTWZ, TSZ, TRWZ, TRWZ, PAWZ, CAWZ, WPHZ, KIWZ, PNWZ, MSWZ, MSWZ, PLWZ, PXZ, PXZ, BHWZ, KRWZ, WAZZ, WAZZ, BHZZ, MOVZ, MOVZ, TCWZ, TCWZ, CKHZ, MTVZ, MCHZ, TRVZ, TRVZ, TUWZ, TUWZ, FVWZ, FVWZ, PKVZ, DUVZ, DUVZ, NGZ, NGZ, OTVZ, OTVZ, BKTZ, BKTZ, WTVZ, WTVZ, KRWZ, KRWZ, ARHZ, TWVZ, TWVZ, NMHZ, VRZ, VRZ, WHZ, WHZ, MRHZ, NNZ, RAHZ, NEZ, NMEZ, KHEZ, PKE, PKE, KNEZ, MHGZ, ALRZ, SNGZ, PRGZ, HIZ, HIZ, HIZ, RIGZ, THZ, THZ, RAGZ, RAGZ, QUZ, URZ, URZ, MWZ, MWZ, CNGZ.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s, ISC. Includes stations like BHWZ, BHWZ, KRWZ, KRWZ, WAZZ, WAZZ, BHZZ, MOVZ, MOVZ, TCWZ, TCWZ, CKHZ, MTVZ, MCHZ, TRVZ, TRVZ, TUWZ, TUWZ, FVWZ, FVWZ, PKVZ, DUVZ, DUVZ, NGZ, NGZ, OTVZ, OTVZ, BKTZ, BKTZ, WTVZ, WTVZ, KRWZ, KRWZ, ARHZ, TWVZ, TWVZ, NMHZ, VRZ, VRZ, WHZ, WHZ, MRHZ, NNZ, RAHZ, NEZ, NMEZ, KHEZ, PKE, PKE, KNEZ, MHGZ, ALRZ, SNGZ, PRGZ, HIZ, HIZ, HIZ, RIGZ, THZ, THZ, RAGZ, RAGZ, QUZ, URZ, URZ, MWZ, MWZ, CNGZ.

Table with columns: PUZ, Puketiti, 3.21 35 ePN, Pn, 23 53 47.9 -2.9, 23 54 24.7 -3.5, 23 53 49.3 -2.7, 23 54 27.9 -2.4, 23 53 49.9 -2.0, 23 54 32.6 -2.4, 23 53 57.1 -2.3, 23 54 37.2 -6.3. Includes IDC 04 00:02:10.0±1.9, 37.49S±73.77W, h0km, mb3.8/4, mb1 3.9/5, mb1mx3.7/26, mbtmp 3.7/5, ML3.6/1, Error ellipse: s-maj=57.8km s-min=31.1km az=68.0. NEIC 04 00:02:11.3±0.6, 37.51S±73.84W, h10km, mb4.1/7, Error ellipse: s-maj=18.6km s-min=10.0km az=70.0. GUC 04 00:02:12.3±0.6, 37.29S±74.17W, h33km, 4km, ML3.9. ISC 04 00:02:14.9±0.8, 37.47S±0.08:73.9W±0.1, h35km, n17, r1581/21, mb3.8/11, Near coast of central Chile.

NIED 04 00:17:00.27±0.0, 143.40E, h5km, Mw3.7. Best double couple: M3.64000±1014. NP2±198.00000±840.00000, λ-121.00000°. NP2±198.00000±857.00000°, λ-66.00000°. IDC 04 00:17:17.7±0.7, 27.11N±143.58E, h0km, mb3.8/16, mb1 4.0/19, mb1mx3.9/48, mbtmp 3.9/19, ML3.4/3, Error ellipse: s-maj=19.4km s-min=15.8km az=79.0. NEIC 04 00:17:19.3±0.2, 27.14N±143.53E, h10km, mb4.2/16, Error ellipse: s-maj=6.6km s-min=4.8km az=79.0. ISCJB 04 00:17:21.0±0.4, 27.24N±143.53E, h33km, mb4.0/31, Error ellipse: s-maj=7.6km s-min=5.2km az=147.3.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s, ISC. Includes stations like JMA 04 00:17:22.1±0.1, 27.31N±143.38E, h70km, M4.2. JMA 04 00:17:23.0±0.6, 27.22N±143.46E±0.07, h35km, n46, r0594/52, mb4.1/31, Bonin Islands region. Includes stations like CBJ, JCY, JHH, JOD, JRY, JRY, JAG, MJAR, MAJO, MAT, KSR, KSAR, USRK, MDJ, PET, HIA, SON, PMG, CMAR, WRAB, ZALV, MKAR, MKAR, MKAR, ASAR, KURK, KURB, MCK, COLA, EK2, BVAR, BRVK, STKA, KKAR, PALK, ARU, ABKAR, GEYT, YKA.

MSO	baz=300 Missoula	39.59	72	eP	P	00 49 43.7 +1.0
SLMT	Seeley Lake	39.64	71	eP	P	00 49 44.1 +1.0
HIA	Hailar	39.80	293	eP	P	00 49 42.9 -1.4
HIA	Hailar	39.80	293	dIP	P	00 49 43.9 -0.3
CBJ	Chichi jima	39.94	248	P	P	00 49 45.7 +0.1
CBJ	Chichijima	39.94	248	P	P	00 49 45.7 +0.1
CHMT	Chamberlain Mo	39.95	71	eP	P	00 49 46.5 +0.7
MFID	Camas Ranch	40.28	78	eP	P	00 49 49.6 +1.2
HRY	Holter Researc	40.89	71	eP	P	00 49 54.3 +0.9
WAKR	Walker	40.94	86	eP	P	00 49 55.9 +1.9
HLID	Hailey	41.06	76	P	P	00 49 55.9 +1.0
HLID	Hailey	41.06	76	eP	P	00 49 56.3 +1.4
MCMT	McKenzie Canyo	41.30	74	eP	P	00 49 57.8 +0.9
EGMT	Eagleton	41.42	68	P	P	00 49 58.1 +0.4
EGMT	Eaglen	41.42	68	eP	P	00 49 58.3 +0.6
KSRS	Korea Array	41.45	272	P	P	00 49 59.1 +1.2
KSRS	comp=Z,1.4nm,0.8s,ba	41.45	272	P	P	00 51 55.0 +0.3
KSRS	comp=Z,1.9nm,0.8s,ba	41.45	272	P	P	01 08 11.6
KSAR	Wonju Array Be	41.48	272	P	P	00 49 59.1 +0.9
KSAR	Wonju Array Be	41.48	272	P	P	00 51 55.0 +0.2
KSAR	Wonju Array Be	41.48	272	P	P	00 49 59.1 +0.9
KSAR	Wonju Array Be	41.48	272	P	P	00 51 55.0
BOZ	Bozeman (W)	41.58	72	P	P	00 49 59.8 +0.7
BOZ	Bozeman (W)	41.58	72	eP	P	00 50 00.0 +0.9
BOZ	Bozeman (W)	41.58	72	eP	P	00 50 00.0 +0.9
BOZ	Bozeman (W)	41.58	72	eP	P	00 50 01.4 +1.3
NV01	Mina Array Sit	41.69	85	eP	P	00 50 01.0 +0.9
NVAR	Mina Array Bea	41.69	85	P	P	00 50 01.0 +0.9
NVAR	comp=Z,1.1nm,0.6s,ba	41.69	85	P	P	00 51 56.7 +0.9
QLMT	Earthquake Lak	42.14	73	eP	P	00 50 04.0 +0.2
ELK	Elko	42.18	80	eP	P	00 50 05.6 +1.4
ELK	Elko	42.18	80	eP	P	00 50 05.6 +1.4
ELK	Elko	42.18	80	eP	P	00 50 05.6 +1.4
INCN	Inchon	42.23	273	eP	P	00 50 05.6 +1.2
FFC	Flin Flon	42.28	56	eP	P	00 51 58.4 +0.9
JNU	Nakatsue	42.44	265	P	P	00 50 07.0 +1.0
TJN	Taejon	42.48	272	dIP	P	00 50 07.1 +0.8
YMR	Madison River	42.51	73	eP	P	00 50 08.6 +1.8
YNR	Norris Junctio	42.65	73	eP	P	00 50 09.9 +2.0
GCMT	Greycliff	42.65	71	eP	P	00 50 07.2 -0.7
YFT	Old Faithfull	42.70	73	eP	P	00 50 11.1 +2.8
H17A	Grant Village	42.89	73	eP	P	00 50 11.6 +1.7
H17A	Grant Village	42.89	73	eP	P	00 50 11.8 +1.9
LKWY	Lake	42.90	73	eP	P	00 50 12.4 +2.4
LKWY	Lake	42.90	73	eP	P	00 50 12.4 +2.4
LKWY	Lake	42.90	73	eP	P	00 50 12.4 +2.4
IMW	Indian Meadow	42.95	74	eP	P	00 50 12.0 +1.5
FLWY	Flagg Ranch	42.99	74	eP	P	00 50 12.9 +2.2
HVU	Hansel Valley	43.07	78	eP	P	00 50 12.7 +1.4
HVU	Hansel Valley	43.07	78	eP	P	00 50 12.7 +1.4
HVU	Hansel Valley	43.07	78	eP	P	00 50 12.7 +1.4
RLMT	Red Lodge	43.26	71	eP	P	00 50 13.5 +0.7
RLMT	Red Lodge	43.26	71	eP	P	00 50 13.9 +1.1
R11A	Troy Canyon, C	43.42	84	P	P	00 50 14.6 +0.5
R11A	Troy Canyon, C	43.42	84	P	P	00 50 14.7 +0.5
BGU	Big Grassy Mou	43.42	79	eP	P	00 50 15.3 +1.2
MPMC	Manual Prospec	43.69	87	P	P	00 50 16.8 +0.4
DUG	Dugway, Toeole	43.99	79	P	P	00 50 19.5 +0.8
DUG	Dugway, Toeole	43.99	79	eP	P	00 50 19.8 +1.2
DUG	Dugway, Toeole	43.99	79	eP	P	00 50 19.8 +1.2
FCC	Fort Churchill	44.31	48	eP	P	00 50 20.7 -0.1
FCC	Fort Churchill	44.31	48	eP	P	00 50 20.7 -0.1
FCC	Fort Churchill	44.31	48	eP	P	00 50 20.7 -0.1
PSUT	Pine Spring	44.37	82	eP	P	00 50 24.2 +2.4
BW06	Boulder Array	44.43	74	P	P	00 50 22.6 +0.4
BW06	Boulder Array	44.43	74	eP	P	00 50 23.0 +0.8
PD31	Pinedale Array	44.43	74	eP	P	00 50 23.0 +0.7
PDAR	Pinedale Array	44.43	74	P	P	00 50 22.9 +0.6
PDAR	comp=Z,4.9nm,0.6s,ba	44.43	74	P	P	01 08 26.7
DL2	Dalian	44.43	279	P	P	00 50 22.5 +0.5
NLU	North Lily Min	44.58	79	eP	P	00 50 24.7 +1.2
GSC	Goldstone, Bar	44.60	88	P	P	00 50 24.2 +0.7
GSC	Goldstone, Bar	44.60	88	eP	P	00 50 24.5 +1.0
GSC	Goldstone, Bar	44.60	88	eP	P	00 50 24.5 +1.0
A25A	Svangstu Ranch	44.69	64	P	P	00 50 24.6 +0.6
FMP	Fort Macarthur	44.72	91	P	P	00 50 25.5 +1.1
BFSC	Mount Baldy Ra	44.77	90	P	P	00 50 25.6 +0.7
MPU	Maple Canyon	44.82	79	eP	P	00 50 26.6 +1.2
NR1K	Norfolk	44.92	330	P	P	00 50 24.7 -0.8
B25A	Knox Farm, Ray	45.03	64	P	P	00 50 27.3 +0.6
TUQ	Turquoise Moun	45.06	87	P	P	00 50 28.1 +0.8
HEC	Hector,Ludlow	45.20	88	P	P	00 50 29.1 +0.8
C25A	Freed Ranch, W	45.28	65	P	P	00 50 29.5 +0.7
A26A	Wade Farm, Ken	45.31	63	P	P	00 50 29.3 +0.3
MSU	Marysvale	45.41	81	eP	P	00 50 31.6 +1.5
MSU	Marysvale	45.41	81	eP	P	00 50 31.6 +1.5
D25A	Fairfield	45.56	66	P	P	00 50 31.5 +0.6
GMRC	Granite Mounta	45.65	87	P	P	00 50 33.7 +1.8
LCMT	Little Creek M	45.70	83	eP	P	00 52 18.5 -1.5
MTPU	Mount Pierson	45.70	81	eP	P	00 50 47.2 -0.3
A27A	Ledoux Ranch,	45.72	63	P	P	00 50 32.7 +0.6
Q16A	Castle Valley	45.77	80	eP	P	00 50 34.4 +1.4
C26A	Wahner Farm, P	45.87	64	P	P	00 50 34.3 +0.9
E25A	Miller Ranch,	45.88	67	P	P	00 50 34.3 +0.8
P18A	Preon Nutter	45.90	78	eP	P	00 50 35.4 +1.4
B27A	Peters Farms,	46.01	63	P	P	00 50 34.9 +0.5
SRU	San Rafael Swe	46.05	79	eP	P	00 50 36.5 +1.4
SRU	San Rafael Swe	46.05	79	eP	P	00 50 36.5 +1.4
D26A	Manning	46.13	65	P	P	00 50 35.5 +0.1
F25A	Bowman	46.17	67	P	P	00 50 36.0 +0.2
C27A	Saylor Ranch,	46.26	64	P	P	00 50 36.9 +0.4
A28A	Rude Farm, Bot	46.28	62	P	P	00 50 36.7 +0.2
K22A	Casper	46.30	73	P	P	00 50 37.1 +0.1
E26A	Carlson Angus	46.43	66	P	P	00 50 38.1 +0.3
MONP2	Monument Peak	46.43	90	P	P	00 50 39.0 +0.8
B28A	Duffel Ranch, T	46.48	63	P	P	00 50 38.2 +0.1
D27A	Center	46.59	65	P	P	00 50 39.4 +0.3
G25A	Newell	46.62	68	P	P	00 50 39.8 +0.4
F26A	Lodgepole	46.67	67	P	P	00 50 40.1 +0.4
O20A	White River Ci	46.80	77	P	P	00 50 41.4 +0.4
O20A	White River Ci	46.80	77	eP	P	00 50 41.6 +0.7
H25A	Fruitaide	46.85	69	P	P	00 50 41.5 +0.3
RSSD	Black Hills	46.89	70	P	P	00 50 42.0 +0.4
RSSD	Black Hills	46.89	70	eP	P	00 50 42.0 +0.4
RSSD	Black Hills	46.89	70	eP	P	00 50 42.0 +0.4
RSSD	Black Hills	46.89	70	eP	P	00 50 42.0 +0.4
E27A	Carson	46.96	66	P	P	00 50 42.5 +0.6
F27A	Lenmon	47.02	67	P	P	00 50 43.0 +0.6
G26A	Maurine	47.03	67	P	P	00 50 42.9 +0.3
Y12C	Beijing	47.04	88	P	P	00 50 43.5 +0.9
BJJ	Beijing	47.05	284	P	P	00 50 42.8 +0.2
BJJ	comp=Z,9.0nm,1.6s	47.05	284	P	P	00 50 43.5 +0.9
D28A	Regan	47.08	64	P	P	00 50 43.0 +0.2
I25A	Roehford	47.13	70	P	P	00 50 43.6 +0.2
MDND	Maddock	47.24	63	P	P	00 50 45.0 +0.9
PV09	Paradox Valley	47.28	79	eP	P	00 50 45.6 +0.8
A30A	Hoffart Farm,	47.34	61	P	P	00 50 45.3 +0.5
TLY	Talaya	47.34	303	eP	P	00 50 46.3 +1.5
G27A	Dupree	47.36	67	P	P	00 50 45.4 +0.3
E28A	Huff	47.37	65	P	P	00 50 45.7 +0.6
PV10	Paradox Valley	47.46	79	eP	P	00 50 46.9 +1.1
J25A	Sunshine Ranch	47.46	70	P	P	00 50 46.0 0.0
PV04	Paradox Valley	47.48	79	eP	P	00 50 46.9 +0.7
PV05	Paradox Valley	47.48	79	eP	P	00 50 46.9 +0.7
B30A	Myrvik Farm, E	47.60	62	P	P	00 50 46.8 -0.1
I26A	New Underwood	47.63	69	P	P	00 50 47.3 +0.1
N23A	Red Feather La	47.71	74	P	P	00 50 48.2 +0.2
H27A	Howes	47.72	68	P	P	00 50 48.2 +0.3
F28A	McLaughlin	47.73	66	P	P	00 50 48.2 +0.3
WUAZ	Wupatki	47.82	84	eP	P	00 50 49.2 +0.3
WUAZ	Wupatki	47.82	84	eP	P	00 50 50.2 +1.3
PV01	Paradox Valley	47.85	79	eP	P	00 50 49.9 +0.7
ULM	Lac du Bonnet	47.89	58	P	P	00 50 48.3 -0.7
ULM	comp=Z,1.5nm,0.4s,ba	47.89	58	P	P	01 10 37.7
J26A	Sides Ranch, S	47.93	70	P	P	00 50 49.6 +0.1
A31A	Linda, St. Vin	47.94	61	P	P	00 50 49.5 +0.1
C30A	Mose, Pekin	47.95	63	P	P	00 50 49.8 +0.3
E29A	Napoleon	47.96	64	P	P	00 50 49.9 +0.2
B31A	Greenbush Farm	47.98	61	P	P	00 50 50.1 +0.3
SONA1	Songino Array	48.05	298	eP	P	00 52 17.6 +0.1
SONM	Songino Array	48.06	298	eP	P	00 50 50.2 -0.3
SONM	comp=Z,1.3nm,0.6s,ba	48.06	298	eP	P	00 52 17.6 +0.1
I27A	Quinn	48.07	69	P	P	00 50 50.7 +0.1
G28A	Parade	48.12	67	P	P	00 50 51.2 +0.2
D30A	Buchanan	48.14	63	P	P	00 50 51.1 +0.1
SMCO	Snowmass	48.16	77	eP	P	00 50 52.3 +0.6
ZAK	Zakamensk	48.26	302	eP	P	00 50 51.7 -0.4
ZAK	Zakamensk	48.26	302	eP	P	00 52 16.5
F29A	Eureka	48.29	65	P	P	00 50 52.3 +0.1
H28A	Mission Ridge	48.30	67	P	P	00 50 52.8 +0.4
C31A	Landman Farms,	48.30	62			

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S28A	Manter	52.23	75	P	P	00 51 23.5 +1.2
N32A	Stulken Farm,	52.30	70	P	P	00 51 22.6 0.0
K34A	Le Mars	52.34	66	P	P	00 51 22.7 -0.1
H36A	Jessenland, He	52.36	63	P	P	00 51 23.0 0.0
SUMG	Summit	52.39	15	iP	P	00 51 24.2 +0.9
SUMG	Summit	52.39	15	iP	P	00 51 24.2 +0.9
SUMG	Summit	52.39	15	iP	P	00 51 24.2 +0.9
M33A	Taylor Creek F	52.42	68	P	P	00 51 23.5 +0.1
P31A	Stockton	52.47	72	P	P	00 51 23.6 -0.3
SPMN	Marine on St.	52.57	62	P	P	00 51 24.1 -0.4
L34A	Svendens Farm,	52.64	67	P	P	00 51 25.1 +0.1
I36A	Fitzsimmons Fa	52.66	64	P	P	00 51 24.6 -0.6
CBKS	Cedar Bluff	52.72	72	P	P	00 51 25.9 +0.1
CBKS	Cedar Bluff	52.72	72	eP	P	00 51 27.1 +1.4
CBKS	Cedar Bluff	52.72	72	eP	P	00 51 27.1 +1.4
R30A	Dighton	52.74	73	P	P	00 51 26.7 +0.7
Q31A	Ellis	52.80	72	P	P	00 51 26.3 0.0
P32A	Hulting Farm,	52.86	71	P	P	00 51 26.9 +0.1
T29A	Hugoton	52.88	75	P	P	00 51 27.6 +0.6
H37A	Dierke Farm, C	52.91	63	P	P	00 51 26.7 -0.4
J36A	Seneca 1, Swea	52.92	65	P	P	00 51 26.7 -0.5
I37A	Lemond, Waseca	53.01	64	P	P	00 51 27.6 -0.2
S30A	Montezuma	53.06	74	P	P	00 51 28.8 +0.5
Q33A	Hebron	53.16	70	P	P	00 51 28.6 -0.4
R31A	Burdett	53.19	73	P	P	00 51 29.4 +0.3
N34A	Lincoln	53.29	68	P	P	00 51 29.5 -0.4
Q32A	Meliter Ranch,	53.30	71	P	P	00 51 30.5 +0.5
K36A	Gilmore City	53.30	66	P	P	00 51 29.5 -0.4
M35A	Neola	53.35	67	P	P	00 51 30.6 +0.3
J37A	Redenius Farm,	53.37	64	P	P	00 51 30.1 -0.3
R32A	Long Quarter,	53.58	72	P	P	00 51 32.2 +0.1
I38A	Scanlan Farm,	53.58	63	P	P	00 51 31.7 -0.2
Q34A	Beatrice	53.61	69	P	P	00 51 32.3 +0.1
S31A	Mullinville	53.65	73	P	P	00 51 32.6 0.0
K37A	Belmond	53.67	65	P	P	00 51 32.6 -0.1
U30A	WK&E Inc. Balk	53.68	75	P	P	00 51 32.9 0.0
Q33A	Connelly Farm,	53.72	71	P	P	00 51 32.9 -0.1
N35A	Tabor	53.77	68	P	P	00 51 33.7 +0.3
M36A	Felix, Anita	53.87	67	P	P	00 51 34.0 -0.1
T31A	Randall Ranch,	53.88	74	P	P	00 51 34.5 0.0
P34A	Walnut Farm, R	53.95	70	P	P	00 51 34.7 0.0
J38A	Wedel Dairy, R	53.97	64	P	P	00 51 34.7 -0.1
L37A	Phoenix Point,	54.03	66	P	P	00 51 34.9 -0.3
MNTX	Cornudas Mount	54.08	83	P	P	00 51 36.5 +0.8
MNTX	Cornudas Mount	54.08	83	eP	P	00 51 36.7 +1.0
MSTX	Muleshoe	54.12	79	P	P	00 51 36.6 +0.4
AMTX	Amarillo	54.16	77	P	P	00 51 36.9 +0.4
N36A	Muff Farm, Cla	54.19	68	P	P	00 51 36.9 +0.5
K38A	Parkersburg	54.24	65	P	P	00 51 37.2 +0.4
T32A	Huddler Ranch,	54.28	73	P	P	00 51 37.5 +0.3
Q34A	Chapman	54.29	71	P	P	00 51 37.2 0.0
M37A	Trindle Farm,	54.33	66	P	P	00 51 37.4 0.0
KSU1	Kansas State U	54.37	70	P	P	00 51 37.6 -0.1
P35A	Duane Minner,	54.43	69	P	P	00 51 38.3 +0.1
WHN	Wuhan	54.44	276	iP	P	00 51 38.7 +0.4
L38A	Oak Wood Farm,	54.46	65	P	P	00 51 38.2 -0.2
R34A	Isabella, Hill	54.52	71	P	P	00 51 38.8 -0.1
O36A	Bolkow	54.64	68	P	P	00 51 39.6 -0.2
N37A	Lee Faris, Mou	54.66	67	P	P	00 51 40.3 +0.4
U31A	Spring Creek L	54.67	75	P	P	00 51 40.2 +0.2
V32A	Winter Ranch,	54.77	74	P	P	00 51 39.9 -0.8
M38A	Pleasantville	54.80	66	P	P	00 51 40.5 -0.4
P36A	Good Intent, A	54.84	69	P	P	00 51 40.6 -0.5
Q35A	Mercer Eighty,	54.86	70	P	P	00 51 40.6 -0.8
S34A	Willow Spring	55.00	72	P	P	00 51 41.5 -0.8
ZALV	Zalesovo Beam	55.02	315	P	P	00 51 42.0 -0.3
ZALV	Wolven Farm, M	55.09	68	P	P	00 51 42.5 -0.4
R35A	Emporia Munici	55.12	71	P	P	00 51 43.2 0.0
N38A	Arnold C. Orve	55.21	70	P	P	00 51 42.6 -0.6
N38A	Joess South For	55.20	66	P	P	00 51 43.5 -0.2
Y30A	Stafford Cattl	55.32	78	P	P	00 51 45.3 +0.5
XAN	Xi'an	55.35	283	P	P	00 51 45.1 +0.1
XAN						00 51 57.7 -2.6
XAN						
P37A	Lathrop	55.36	68	P	P	00 51 44.5 -0.4
X31A	McDonald Ranch	55.36	76	P	P	00 51 45.4 +0.4
T34A	McClaskey Farm	55.41	72	P	P	00 51 45.4 0.0
W32A	Sentinel	55.47	75	P	P	00 51 45.9 +0.1
S35A	Otter Creek Ra	55.48	71	P	P	00 51 45.6 -0.2
O38A	Galt	55.50	67	P	P	00 51 45.5 -0.4
R36A	Gordon, Harris	55.53	70	P	P	00 51 45.8 -0.4
N39A	Derby Farms, D	55.55	66	P	P	00 51 45.8 -0.5

Z30A	Sanderson Ranc	55.59	78	P	P	00 51 46.8 +0.1
U34A	Anderson Ranch	55.60	73	P	P	00 51 47.4 +0.6
U34A	Anderson Ranch	55.60	73	eP	P	00 51 47.3 +0.6
U34A	Rekieta Farm,	55.65	77	pP	pP	00 51 57.9 -4.2
Y31A	Dawn	55.80	68	P	P	00 51 46.7 -0.4
P38A	Dawn	55.80	68	P	P	00 51 47.4 -0.7
S36A	Lake Cedric, C	55.88	71	P	P	00 51 47.9 -0.7
X32A	Elmer	55.92	76	P	P	00 51 49.4 +0.4
R37A	Teagarden Farm	55.93	70	P	P	00 51 48.0 -1.0
O39A	Kirksville	55.95	67	P	P	00 51 48.3 -0.8
WMOK	Wichita Mounta	56.01	76	eP	P	00 51 50.3 +0.6
WMOK	Wichita Mounta	56.01	76	eP	P	00 51 50.3 +0.6
V34A	Guthrie	56.02	74	P	P	00 51 50.0 +0.3
Y32A	R-N Farms, Ver	56.12	77	P	P	00 51 50.7 +0.3
T36A	Boggs Farm, Ca	56.16	72	P	P	00 51 50.6 -0.1
130A	Snyder	56.16	79	P	P	00 51 50.9 +0.1
Z31A	Sharp Cattle R	56.18	76	P	P	00 51 50.4 -0.4
Q38A	Cooks Store, C	56.20	68	P	P	00 51 49.9 -1.0
S37A	Fort Scott	56.30	70	P	P	00 51 51.2 -0.5
P39A	Salisbury	56.34	67	P	P	00 51 51.5 -0.4
O40A	La Belle	56.42	66	P	P	00 51 52.0 -0.4
131A	Roby	56.46	78	P	P	00 51 53.3 +0.4
Q39A	Willow Grove F	56.51	68	P	P	00 51 52.3 -0.8
R38A	Fenwick Farm,	56.55	69	P	P	00 51 52.4 -1.0
Z30A	Sterling City	56.56	80	P	P	00 51 54.0 +0.3
Z32A	Haskell	56.57	77	P	P	00 51 53.7 0.0
Y33A	Hilltop Ranch,	56.60	76	P	P	00 51 53.9 0.0
T37A	Cheneyville 18	56.68	71	P	P	00 51 53.8 -0.6
P40A	Paris	56.71	67	P	P	00 51 54.4 -0.2
TX31	Lajitas Ar. Si	56.78	84	eP	P	00 51 55.8 +0.5
TXAR	Lajitas Array	56.78	84	P	P	00 51 55.4 +0.1
330A	Mertzou	56.86	80	P	P	00 51 55.1 -0.7
W35A	Tecumseh	56.87	74	P	P	00 51 56.3 +0.6
S38A	Stockton	56.93	70	P	P	00 51 55.0 -1.1
ABTX	Abilene, Hawle	56.95	78	P	P	00 51 56.9 +0.5
ABTX	Abilene, Hawle	56.95	78	eP	P	00 51 56.9 +0.5
ABTX	Chumby, Stover	56.97	69	pP	pP	00 52 09.5 -2.2
R39A	Chumby, Stover	56.97	69	P	P	00 51 55.9 -0.5
V36A	Jenks	56.99	73	P	P	00 51 57.0 +0.4
LZH	Lanzhou	56.99	288	eP	P	00 51 58.3 +1.5
LZH				sP	sP	00 52 19.0 +0.3
LZH				sP	sP	00 52 28.2 +1.6
TUL1	Leonard	56.99	72	P	P	00 51 56.5 -0.1
Z31A	Bronte	57.02	79	P	P	00 51 57.3 +0.4
Z33A	Whitler Ranch	57.02	77	P	P	00 51 57.2 +0.4
U37A	Salina	57.05	72	P	P	00 51 57.1 0.0
Q40A	Laux Farm, Aux	57.06	67	P	P	00 51 56.4 -0.7
GTA	Goat'ai	57.07	293	eP	P	00 51 57.2 -0.1
GTA				sP	sP	00 52 14.7 +2.0
GTA				sP	sP	00 52 22.0 +2.8
GTA				S	S	00 59 47.1 -0.7
GTA				pmax	pmax	
GTA				pmax	pmax	
GTA				LR	LR	
GTA				LR	LR	
GTA				LR	LR	
Y34A	Reagan Ranch,	57.16	75	P	P	00 51 58.0 +0.1
S39A	Bolivar	57.23	69	P	P	00 51 56.9 -1.4
W36A	Wetumka	57.26	73	P	P	00 51 58.6 +0.1
133A	Hamilton Ranch	57.40	77	P	P	00 51 59.8 +0.3
V37A	Hulbert	57.40	72	P	P	00 51 59.5 +0.1
R40A	Maddies Statio	57.43	68	P	P	00 51 58.5 -1.1
Z32A	Coleman	57.45	79	P	P	00 51 59.5 -0.5
U38A	Gravette	57.46	71	P	P	00 51 59.4 -0.5
Z34A	Collier Ranch,	57.47	76	P	P	00 51 59.8 -0.2
HDIL	Hopedale	57.58	64	P	P	00 52 00.0 -0.6
HDIL	Hopedale	57.58	64	eP	P	00 52 00.6 -0.1
X36A	Centrahoma	57.58	74	P	P	00 52 00.9 +0.1
ENH	Enshi	57.62	279	eP	P	00 52 00.5 -0.7
Y35A	Marietta	57.63	75	P	P	00 52 01.4 +0.3
T39A	Clever	57.65	70	P	P	00 52 00.2 -1.0
S40A	Lebanon	57.77	69	P	P	00 52 01.1 -0.9
Z33A	Rising Star	57.82	78	P	P	00 52 02.6 +0.1
V38A	Canehill	57.84	72	P	P	00 52 02.4 -0.2
Z35A	Perchaven, San	57.90	76	P	P	00 52 04.1 +1.1
ARCES	ARCES Array B	57.92	351	P	P	00 52 02.3 -0.4
134A	White-Moore Ra	57.93	77	P	P	00 52 03.5 +0.3
T40A	Mansfield	58.06	69	P	P	00 52 03.0 -1.1
X37A	Clayton	58.15	73	P	P	00 52 05.5 +0.7
333A	Richland Sprin	58.25	79	P	P	00 52 05.6 +0.1
Z34A	Clarette	58.29	77	P	P	00 52 05.9 +0.2
W38A	Pleau	58.32	72	P	P	00 52 06.4 +0.5
X38A	Whitesboro	58.42	73	P	P	00 52 07.1 +0.5
SCHO	Schefferville	58.49	40	P	P	00 52 06.8 0.0
433A	Art	58.59	79	P	P	00 52 08.1 +0.2
334A	Lometa	58.70	78	P	P	00 52 09.1 +0.4
WHTX	Lake Whitney,	58.71	77	P	P	00 52 08.9 +0.2

RFIN	Lafayette	58.92	63	P	P	00 52 09.6 -0.3
X39A	Fountain Ranch	58.95	73	P	P	00 52 10.4 +0.1
434A	Burnet	59.05	78	P	P	00 52 11.0 -0.1
W40A	Ferguson Farm,	59.09	71	P	P	00 52 11.1 -0.2
533A	Kerrville	59.10	80	P	P	00 52 11.1 -0.4
MIAR	Mount Ida	59.24	72	P	P	00 52 12.8 +0.4
MIAR	Mount Ida	59.24	72	eP	P	00 52 12.7 +0.4
MIAR	Mount Ida	59.24	72	eP	pmax	00 52 12.7 +0.4
Z38A	Mt. Pleasant	59.31	74	P	P	00 52 12.7 -0.1
633A	Saathoff Ranch	59.45	80	P	P	00 52 13.2 -0.6
534A	Blanco	59.48	79	P	P	00 52 13.9 -0.2
OLIL	Olney	59.50	65	eP	P	00 52 14.2 +0.2
336A	Riesel	59.51	77	P	P	00 52 14.5 +0.3
PBMO	Poplar Bluff	59.53	68	eP	P	00 52 13.8 -0.4
SIUC	Southern Illin	59.57	67	eP	P	00 52 14.5 0.0
X40A	Basin Creek Fa	59.72	62	P	P	00 52 15.2 -0.4
832A	Faith Ranch,					

4d 4h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PYUN, NVS, BBOO, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like DHY, CCB, COLA, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like COR, PPT, APA, etc.

Table with columns: QZ, Station Name, Az, El, P, R, Az, El, P, R. Includes stations like Q24A Divide, H29A Onida, D31A Mcclellan, MSAB Manastry St, J28A Allard Ranch, A33A Warrad, E31A Nome, SDCO Great Sand Dun, SDCO Great Sand Dun, SDCO Vivian Onida, AGMN Agassiz Nation, AGMN Agassiz Nation, AGMN Kolonickie sedl, KOLS Kolonickie sedl, G30A Faulkton, K28A Ten Mile Ranch, M31A EROS Data Cent, E33A Muntele Rosu, M31A Muntele Rosu, DOPR DOPRA, F31A Hecla, B33A Robert and Kas, UZH Uzhgorod, STHS Stebnicka Huta, STHS Stebnicka Huta, J29A Okreek, L28A Connealy Angus, C33A Trail, CRVS Cervenica-Dubn, CRVS Cervenica-Dubn, OJC Ojcow, OJC Ojcow, LAZ Ladoron, G31A Conde, B34A Aery, Baudette, SUSD Miller, I30A Oacoma, OGNE Ogallala, VOIR Lazy Trails An, K29A Lazy Trails An, ANMO Albuquerque, ANMO Albuquerque, ANMO Albuquerque, ANMO Albuquerque, D33A AnnSmed, Waubun, NIE Niedzica, NIE Niedzica, F32A Veblen, M28A Bar X Bar Ranch, H31A Wolsey, J30A Dallas, ARR Arges, C34A RKJ Ranch, Bem, 121A Cookes Peak, D, 121A Cookes Peak, D, G32A Webster, L29A Maesberg Ranch, BNM Barren Site, E33A Westby DABS, E, T25A Trinidad, N28A Pribbeno Ranch, B35A Bob, Littlefor, D34A Park Rapids, DRGR Basset, DRGR Burnside Ranch, K30A Basset, M29A Burnside Ranch, KECS Kecoovo, KECS Kecoovo, KSCO Kaye Shedlock, F33A 5 Mile Ranch, LANS Liptovska Anna, LANS Liptovska Anna, J31A Geddes, C35A Jirik Farms, M, H32A Carlson Farm, L30A Spencer Herefo, P28A Saint Francis, OKC Ostrava-Krasne, OKC Ostrava-Krasne, G33A Ortonville, N29A Votaw Ranch, W, H30A Dale-Ortello V, M33A Pehrn Over Nor, K31A O'Neil, D35A Remer, Q28A Sharon Springs, KSP Ksiaz, KSP Ksiaz, J32A Parkston, O29A 4D Ranch, Culb, E35A Pequot Lakes, MORC Moravsky Berou, MORC Moravsky Berou.

Table with columns: MORC, Station Name, Az, El, P, R, Az, El, P, R. Includes stations like MORC Moravsky Berou, PSZ Piskkesteto, L31A Butterfield Fa, G34A Benson, SIRR Dobruska-Polom, DPC Dobruska-Polom, VYHS Vyhne, VYHS Vyhne, UPC Upipe, UPC Upipe, R28A Tribune, K32A Verdigre, F35A Swanville, H34A Spellman Lake, C37A Embarrass, M31A Lambrecht Ranch, E33A EROS Data Cent, E33A EROS Data Cent, Q29A Oakley, BZS Buzias, BZS Buzias, P30A Selden, R29A Marienthal, G35A Watkins, PVCC Panska Ves, PVCC Panska Ves, SMOL Smolenice, SMOL Smolenice, C38A Sawbill Land, F36A Milaca, H35A Sunnyside Ranc, K33A Hardington, BRG Bergliesshubel, BRG Bergliesshubel, BRG Bergliesshubel, BRG Bergliesshubel, Q30A Quinter, CLL Collm, CLL Collm, CLL Collm, CLL Collm, G36A St. Michael, P31A Stockton, GOPC GO Pecny, Ondr, GOPC GO Pecny, Ondr, MNTX Cornudas Mount, MNTX Cornudas Mount, MNTX Cornudas Mount, MNTX Cornudas Mount, TREC Trest, TREC Trest, R30A Dighton, CBKS Coer Bluff, M33A Taylor Creek F, H36A Jessenland, He, O32A Brockman Farm, VTS Vitosh, VTS Vitosh, S30A Montezuma, P32A Huiting Farm, SPMN Spring on St, J36A Seneca 1, Swea, O33A Helbron, Q32A Meitler Ranch, CONA Conrad Observa, NKC Novy Kostel, NKC Novy Kostel, S31A Mullinville, AMTX Amarillo, AMTX Amarillo, N34A Lincoln, KHC Kasperske Hory, KHC Kasperske Hory, KHC Kasperske Hory, GERES GERES Array B, Q33A Connolly Farm, O34A Beatrice, S32A New Ranch, P, R33A Olander Ranch, P34A Wait Farm, R, M30A Mollin, Q34A Chapman, KSU1 Kansas State U, KSU1 Kansas State U, W31A Holland Ranch, P35A Duane Minner, SOKA Soboth, Z30A Sanderson Ranch, X31A McDonald Ranch, N37A Lee Faris, Mou, TXAR Lajitas Array, TXAR Lajitas Array, TXAR Lajitas Array, Q35A Mercer Eighty, Q35A Mercer Eighty.

Table with columns: Y31A, Station Name, Az, El, P, R, Az, El, P, R. Includes stations like Y31A Rekieta Farm, W32A Sentinel, M38A Pleasantville, KBA Koelnbreinsper, 130A Snyder, BOJS Bojanci, T34A McClaskey Farm, X32A Elm, U34A Anderson Ranch, 230A Sterling City, Y32A R-V Farms, Ver, 131A Roby, JAVS Javornik, R36A Gordon, Harris, 330A Mertz, Z32A Haskell, N39A Derby Farms, D, ABTX Abilene, Hawle, T36A Boggs Farm, Ca, SCHO Scharf, Z33A Whitaker Ranch, FETA Feichten, FUORN Ofenpass-Fuorn, 233A Rising Star, P40A Parana, S38A Stockton, 234A Clairette, KMSC Kings Mountain, LSZ Lusaka, LSZ Lusaka, TAM Tamannasret, TAM Tamannasret, BOSB Boshof, SNAI Sanae, SNAI Sanae, TORD Torodi Ar. Bea, TORD Torodi Ar. Bea, TORD Torodi Ar. Bea, VNA2 Neumayer-Watz, VNA3 Neumayer Olymp, TSUM Tsumeb, OTCM Otavalo, GRAM Gramalote, San, SDV Santo Domingo, SDV Santo Domingo, RUSC La Rusia, CHIC Chingaza, NNA Nana, NNA Nana, PLCA Paso Flores, EFI East Falkland, EFI East Falkland, CANA Caviahue, PTGA Pitinga, PTGA Pitinga, HOPE Hope Point, LCO Las Campanas, LCO Las Campanas, ALO Usapallata, RTL Leoncito, LPAZ La Paz, ARCO CERRO ARCO, LVC Limon Verde, LVC Limon Verde, RTVV Cerro Valdivia, RTLL Cerro Villucun, AMOC MOGNA, AGUA GUANDACOL, VCA Vinchina, SAML Samuel, SAML Samuel, SAML Samuel, ACAN Cantantal, ACAN Cantantal, ACLC CERRO LA CRUZ, FSA Cafayete, CYA Choya, TRQA Trinquist, TCA Tanti.

GUC 04:04:17:16.3-0.6, 34.325-73.17W, h25km, 7km, ML3.6, 2C-3D, Off coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res. Includes stations like CHPI Pichilemu, LNV Longovilo, CHCH Chadas Angostu, CHCH Chadas Angostu, RCDM Rinconada Maip, CLCH Cerro Calan, PEL peldehue, PEL peldehue.

IDC 04:04:49:29.4-3.5, 15.545-173.99W, h0km, mb4.1/3, mb1 4.4/4, mb1mx3.8/39, mbmtmp4.1/4, ML4.5.1, MS3.6/3, Ms1 3.6/3, ms1mx3.0/31, Error ellipse: s-maj=177.1km s-min=24.5km az=146.0, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res. Includes stations like AFI Afiamalu, H11S2 WAKE ISLAND Hy, H11S3 WAKE ISLAND Hy, H11S1 WAKE ISLAND Hy, WRA Warramunga Ar, ASAR Aise Springs, ASAR Aise Springs, FITZ Fitzroy Crossi, ILAR Eielson Array.

BRTR Keskin Array B 145.91 320 PKPbc PKPdf 05 09 10.7 -0.1

NEIC 04 04:56:28.6, 43.633S:172.36E, h5km, ML4.6(WEL), After WEL.

NEIC FEL in the Christchurch area. WEL 04 04:56:28.7-0.1, 43.633S:172.35E, h5km, ML4.6/44, Mw4.3, SC-5D, Error ellipse: s-maj=0.7km s-min=0.7km az=0.0, South Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Lists various seismic stations and their parameters.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Lists seismic stations including Wanganui, Dannevirke, and others.

NIED 04 04:57:00.39:10N,143.30E, h17km, Mw3.6 Best double couple: M2:96000-1014, NP1:8207, 00000; S24:00000, 1.92, 0.0000; NP2:26, 25, 00000; S66:00000; S89:00000.

JMA 04 04:57:53.8, 0.1, 39:13N:143.31E, h22km, Mw3, M3.7. ISCJB 04 04:57:55.5-1.2, 39:14N:0.06:143.31E:0.09.

h37km, 1.1km, mb3.4/5, MS3.5/1, Error ellipse: s-maj=12.8km s-min=9.3km az=24.2. IDC 04 04:57:59.2, 3.2, 39:10N:143.26E, h57km, 29km, M3.2/5, mb1 3.4/8, mb1mx3.2/50, mbtmp3.5/8, ML3.3/3, MS3.5/1, Ms1 3.5/1, ms1mx2.5/26, Error ellipse: s-maj=30.0km s-min=21.6km az=108.0.

ISC 04 04:57:58.2, 2.4, 39:17N:0.07:143.2E:0.1, h43km, 22km, n25, v19625, mb3.4/5, Off east coast of Honi.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Lists seismic stations including Miyakonagasawa, Ofunato, Tanohata, etc.

IDC 04 05:08:10.1, 2.7, 6.47S:148.24E, h0km, mb4.0/3, mb1 4.0/5, mb1mx3.6/33, mbtmp3.9/5, ML4.0/1, MS2.8/2, Ms1 2.8/2, ms1mx2.8/24, Error ellipse: s-maj=65.4km s-min=37.0km az=98.0, New Britain region.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Lists seismic stations including Port Moresby, Warramunga Arr, etc.

WEL 04 05:17:46.0-0.1, 43.643S:172.35E, h9km, 1km, ML3.8/17, SC-3D, Error ellipse: s-maj=1.2km s-min=1.1km az=0.0, South Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Lists seismic stations including Canterbury Las, McQueen's Vall, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Lists seismic stations including Fox Glacier, Otahua Downs, etc.

BUI 04 05:37:17.0, 60:70N-150:30W, h38km, mb4.8/38, mb5.2/26, Ms5.0/12, Ms7.4/7.12. ISCJB 04 05:37:22.7-0.1, 60:81N:0.01:150:40W:0.02, h57km, 1km, mb4.6/171, MS3.8/11, Error ellipse: s-maj=2.4km s-min=1.9km az=1.7.

MOS 04 05:37:22.6-1.0, 60:83N:150:51W, h61km, mb4.8/41, Error ellipse: s-maj=13.7km s-min=5.7km az=92.0. IDC 04 05:37:23.0, 1.7, 60:87N:150:47W, h45km, 16km, mb4.2/31, mb1 4.4/35, mb1mx4.4/42, mbtmp4.5/35, ML4.5/4, MS3.7/14, Ms1 3.7/14, ms1mx3.6/37, Error ellipse: s-maj=14.2km s-min=9.9km az=21.0.

NEIC 04 05:37:23.9, 60:73N-150:28W, h41km, mb4.7/122, MW4.5, ML4.6(AEIC), Moment Tensor Solution, s68 Moment tensor: Scale 10^15Nm; Mrr=0.18; Mtheta=0.17; Mphi=1.71; Mxy=1.29; Mxz=6.45; Best double couple: M6:80000*10^15, NP1:268.00000, S10:00000, lambda=168.00000, NP2:166.00000, S88:00000, lambda=81.00000. Principal axes: T 0.880, 0.000, 0.000. Azm247.0000; N -0.6100, Plg9.0000; Azm346.0000; P -6.4800, Plg46.0000; Azm86.0000; After AEIC.

NEIC FEL [IV] at Cooper Landing; [III] at Anchorage, Chugiak, Eagle River, Palmer and Sterling; [II] at Girardwood, Kenai, Moose Pass, Seward, Soldotna and Wasilla. Also felt at Eldmordt AFB, Fort Richardson, Indian and Willow.

ISC 04 05:37:23.6-0.6, 60:74N:0.03:150:32W:0.03, h53km, 5km, n741, v1915756, mb4.6/171, MS3.7/11, 11C-7D, Kenai Peninsula

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Lists seismic stations including Skilak Lake, Vogal Lake, etc.

Table with columns: KODAK, LR, 05 35 36.4, and various property details including names like PAX, CLB, KAWH, CHUM, VREDI, BPAW, PS10, KVTA, TT01, TTA, KABR, KELA, MENT, CHAK, WRH, KIAG, BALM, HDA, CCB, DOT, PS08, MESA, BARN, COLA, COLA, MLY, PLK3, PLK5, PLK5, MPM, ILI, ILAR, ILAR, ILAR, ILB, PLK1, RKA, TABL, SIB, BC3A, PCA, PS06, YKUZ, IM33, PNL, ANNW, ANPK, EGAK, DAWY, PS05, CHGN, DHAK, VNHG, COLD, BMB, WHY, SKAG, SDPT, TNA, WRAK, GAMB, INK, INK, INK, CRAG, DLBC, DLBC, AKUT, UNBV, UNBV, ATKA, GSTR, YKA, YKA, YKA, YKBS, AMKA, PGC, A04D, CMW, NLWA, B05A, B06A, RPW, E03A, C06D, E06M, D05A, NLW, B08A, FMW, LON, LTY, SAW, F04A, NAC, G03D, C09A, NEW, NEW, NEW, E07A, D06A, HAWA, G05D, H04A, G06A, CROR, I03D, WALA, I04A, I05D, BSMT, G08A, F10A, J04D, JTMT, HUMO

Table with columns: SWMT, J05D, K04D, SLMT, BMO, MSO, K05A, YBH, YBH, CHMT, M02C, M04C, FFC, N02D, M0D, HRY, EGMT, EGMT, SEY, WDC, WVOR, WVOR, LRM, DLMT, MFID, O03D, BOZ, BOZ, MCMT, HLID, FCC, ORV, QLMT, GCMT, YMR, YFT, MA2, LKWY, H17A, H17A, RLMT, RLMT, PETK, PETK, PETK, BMN, FLWY, IMW, FXWY, A25A, MOOV, LOHW, SNOW, REDW, ELK, ELK, B25A, WAKR, A26A, HVSU, C25A, B26A, NV01, NVAR, NVAR, NV11, D25A, C26A, BW06, BW06, PD31, PDAR, PDAR, A28A, E25A, C27A, L26A, DVG, B28A, DUG, DUG, A29A

Table with columns: F25A, E26A, B29A, C28A, R11A, F26A, A30A, NLU, RCTC, MNDN, G25A, E27A, F27A, B30A, ULM, ULM, ULM, ULM, ULM, ULM, G26A, PSUT, H25A, E28A, K22A, RSSD, RSSD, D29A, B31A, G27A, C30A, I25A, H26A, A32A, FURC, F28A, ISA, E29A, MPMC, D30A, C31A, PKM, P18A, H27A, M27A, B32A, J25A, Q16A, E30A, F29A, G28A, LRMC, A33A, SRU, CCUT, MTPU, SHPR, I27A, AGMN, AGMN, SHOC, H28A, J26A, O20A, O20A, B33A, G29A, EDW2, GSC, GSC, LCMT, SCZ2, C33A, I28A, H29A, B34A, N23A, F31A, J27A, G30A, D33A, J28A, I29A, BFSC

HEC	baz=332 Hector,Ludlow	33.87 124	P	P	05 40 02.6 +1.6	SDCO	Great Sand Dun	36.17 109	eP	P	05 40 22.6 +1.5	Q36A	Arnold C. Orve	40.01 97	P	P	05 40 53.4 +0.4	
PV09	baz=331 Paradox Valley	33.89 112	eP	P	05 40 03.2 +1.7	X16A	Lo Mia Camp, P	36.27 119	eP	P	05 40 24.1 +2.2	P37A	Lathrop	40.06 96	P	P	05 40 53.7 +0.2	
G31A	baz=316 Condor	33.95 93	P	P	05 40 02.4 +0.8	M31A	comp=E,8.2nm,0.8s Lambert Ranch	36.46 98	P	P	05 40 24.1 +0.8	O38A	baz=321,SNR=13 Gal	40.08 94	P	P	05 40 53.7 +0.1	
B35A	baz=313 Bob, Littlefor	33.96 85	P	P	05 40 02.3 +0.6	K33A	Hardington	36.47 95	P	P	05 40 24.1 +0.8	AMTX	baz=320 Amarillo	40.29 107	P	P	05 40 56.6 +1.1	
F32A	baz=317 Veblen	34.02 91	P	P	05 40 02.6 +0.4	P28A	baz=319 Saint Francis	36.49 103	P	P	05 40 24.4 +0.8	AMTX	baz=325 Amarillo	40.29 107	eP	P	05 40 56.7 +1.2	
PV10	baz=315 Paradox Valley	34.03 112	eP	P	05 40 04.7 +2.0	KSC0	SNR=5.7 Kaye Sheddock'	36.52 104	P	P	05 40 24.8 +0.9	U32A	comp=3nm,0.8s Winter Ranch,	40.34 103	P	P	05 40 56.5 +0.7	
D34A	baz=314 Park Rapids	34.12 88	P	P	05 40 03.4 +0.4	H36A	Jessenland, He	36.52 90	P	P	05 40 24.6 +0.9	V31A	baz=324 Spring Creek L	40.43 105	P	P	05 40 57.7 +1.1	
E33A	baz=315 Westby DABS, E	34.13 90	P	P	05 40 03.6 +0.5	I35A	Creekview Farm	36.53 92	P	P	05 40 24.3 +0.5	O39A	baz=323,SNR=7.5 Kirksville	40.44 93	P	P	05 40 56.8 +0.3	
GMRC	Granite Mounta	34.18 124	P	P	05 40 03.5 +1.6	SPMN	Marine on St.	36.61 88	P	P	05 40 25.1 +0.8	P38A	baz=320 Dawn	40.44 95	P	P	05 40 56.6 +0.1	
U15A	comp=Z,330,SNR=7.7 North Rim	34.20 118	eP	P	05 40 06.1 +1.9	SPMN	Marine on St.	36.61 88	eP	P	05 40 25.2 +0.8	R36A	baz=321 Lorngrove, Harris	40.49 98	P	P	05 40 57.1 +0.1	
J29A	comp=Z,12nm,1.1s Okreek	34.25 97	P	P	05 40 04.9 +0.7	BGNE	comp=E,42nm,1.4s Belgrade	36.61 97	P	P	05 40 26.9 +0.7	MSTX	baz=322,SNR=7.6 Muleshoe	40.53 109	P	P	05 40 58.7 +1.2	
PV05	baz=318 Paradox Valley	34.25 112	eP	P	05 40 06.0 +1.5	X18A	baz=320 Snowflake	36.82 117	eP	P	05 40 28.6 +2.0	Q37A	baz=326 Longview Farm,	40.57 97	P	P	05 40 57.6 0.0	
K28A	baz=316 Ten Mile Ranch	34.26 99	P	P	05 40 05.7 +1.3	I36A	comp=E,15nm,0.9s Fitzsimmons Fa	36.89 91	P	P	05 40 27.4 +0.7	S35A	baz=321 Otter Creek Ra	40.60 99	P	P	05 40 57.8 -0.1	
G32A	baz=316 Webster	34.28 92	P	P	05 40 04.6 +0.2	H37A	baz=317 Dierke Farm, C	37.02 89	P	P	05 40 28.6 +0.8	T34A	baz=322 McClaskey Farm	40.70 101	P	P	05 40 58.9 +0.2	
C35A	baz=317 Jirik Farms, M	34.29 86	P	P	05 40 04.5 0.0	M33A	baz=317 Taylor Creek F	37.15 96	P	P	05 40 30.0 +0.9	V32A	baz=324 Arapaho	40.85 104	P	P	05 40 107 +0.6	
I30A	baz=318 Oacoma	34.31 96	P	P	05 40 05.0 +0.2	T25A	Trinidad	37.17 108	P	P	05 40 30.3 +0.8	W31A	baz=324 Holland Ranch,	40.86 105	P	P	05 40 101.0 +0.9	
H31A	baz=317 Wolsey	34.36 94	P	P	05 40 05.7 +0.6	T25A	comp=E,10nm,1.3s Trinidad	37.17 108	eP	P	05 40 31.1 +1.5	O40A	baz=320 La Belle	40.87 93	P	P	05 40 100.0 0.0	
PV01	baz=314 Paradox Valley	34.45 112	eP	P	05 40 07.4 +1.2	I37A	comp=E,17nm,1.2s Lemond, Waseca	37.20 90	P	P	05 40 29.8 +0.4	Q38A	baz=321,SNR=6.0 Cooks Store, C	40.91 96	P	P	05 40 100.2 -0.3	
F33A	baz=315 5 Mile Ranch,	34.46 91	P	P	05 40 06.5 +0.6	P30A	baz=322 Selden	37.24 102	P	P	05 40 30.7 +0.9	S36A	baz=322 Lake Cedric, C	40.92 99	P	P	05 40 100.7 +0.2	
ISCO	baz=315 Idaho Springs	34.48 107	P	P	05 40 07.0 +0.4	TYV	baz=322 Tymovskoe	37.32 286	eP	Pmax	05 40 32.2 +1.9	P39A	baz=321 Salisbury	40.92 94	P	P	05 40 100.9 +0.3	
ISCO	comp=Z,17nm,1.9s Idaho Springs	34.48 107	eP	P	05 40 08.1 +1.5	TYV	comp=Z,35nm,0.8s	37.40 103	P	P	05 40 32.2 +1.0	U34A	baz=321 Anderson Ranch	41.00 102	P	P	05 40 101.3 +0.1	
E34A	baz=315 Wadena	34.53 89	P	P	05 40 07.5 +0.9	Q29A	comp=Z,32nm,0.8s Oakley	37.40 103	P	P	05 40 32.2 +1.0	X30A	baz=324 Coker Ranch, T	41.03 107	P	P	05 40 102.5 +1.0	
SC12	San Clemente I	34.62 129	P	P	05 40 08.1 +0.7	R28A	baz=322 Tribune	37.43 104	P	P	05 40 32.8 +1.2	T35A	baz=326,SNR=8.9 Sooner Cattle	41.11 100	P	P	05 40 102.4 +0.3	
W13A	comp=Z,5.2nm,0.9s Hualapai Mount	34.65 121	eP	P	05 40 10.1 +2.2	O32A	baz=321 Broman Farm,	37.63 99	P	P	05 40 33.8 +0.6	V33A	baz=323 Lossen Ranch,	41.13 103	P	P	05 40 102.6 +0.2	
D35A	baz=314 Remer	34.68 87	P	P	05 40 08.7 +0.9	J37A	baz=318 Redenius Farm,	37.64 91	P	P	05 40 33.5 +0.4	Q39A	baz=324 Willow Grove F	41.16 95	P	P	05 40 102.2 -0.3	
J30A	baz=318 Dallas	34.72 97	P	P	05 40 09.0 +0.7	N31A	baz=318 J B K, Exete	37.67 98	P	P	05 40 34.0 +0.6	CLNS	comp=Z,25nm,0.9s Chul'man	41.22 304	eP	Pmax	05 40 101.2 -1.7	
BELC	baz=331 Belle Mtn. Jos	34.72 125	P	P	05 40 10.2 +1.7	P31A	baz=320 Stockton	37.67 101	P	P	05 40 33.9 +0.4	CLNS	comp=N,13nm,0.7s	Pmax	Pmax			
K29A	baz=319 Lazy Trails An	34.73 98	P	P	05 40 09.0 +0.6	R29A	baz=322 Marienthal	37.69 104	P	P	05 40 34.8 +1.1	CLNS	comp=N,14nm,0.8s	Pmax	Pmax			
C36A	baz=319 Pine Crest Far	34.81 85	P	P	05 40 09.4 +0.5	Q30A	baz=322 Quinter	37.69 102	P	P	05 40 34.2 +0.5	P40A	comp=E,14nm,0.8s Paris	41.24 94	P	P	05 40 103.1 0.0	
G33A	baz=316 Ortonville	34.85 92	P	P	05 40 09.7 +0.4	I38A	Scanlan Farm,	37.70 89	P	P	05 40 34.5 +0.9	W32A	baz=325 Sentinel	41.24 105	P	P	05 40 103.6 +0.4	
H32A	baz=317 Carlson Farm,	34.86 93	P	P	05 40 10.1 +0.7	214A	comp=Z,31nm,1.2s Organ Pipe Nat	37.81 122	P	P	05 40 36.0 +1.3	MNTX	baz=326 Cornudas Mount	41.24 114	P	P	05 40 104.9 +1.6	
E35A	baz=317 Pequot Lakes	34.88 88	P	P	05 40 10.1 +0.5	P32A	baz=321 Huiting Farm,	37.97 100	P	P	05 40 36.5 +0.5	MNTX	comp=E,4.7nm,0.8s Fort Scott	41.26 98	P	P	05 40 102.9 -0.5	
PFO	baz=315,SNR=6.5 Pinyon Flats O	34.88 126	P	P	05 40 11.0 +1.2	L36A	baz=320 Starr Buss Farm	37.99 93	P	P	05 40 36.4 +0.3	S37A	baz=322 McDonald Ranch	41.30 106	P	P	05 40 105.1 +1.3	
IRM	baz=332 Iron Mountain	34.93 123	P	P	05 40 11.6 +1.4	S28A	baz=319 Manter	37.99 105	P	P	05 40 37.4 +1.1	X31A	baz=325,SNR=7.5 Boggs Farm, Ca	41.30 100	P	P	05 40 103.9 +0.2	
F34A	baz=316 Alexandria	35.00 90	P	P	05 40 10.9 +0.3	K37A	baz=323 Belmond	38.00 92	P	P	05 40 36.6 +0.4	R38A	baz=323 Fenwick Farm,	41.37 97	P	P	05 40 103.6 -0.6	
D36A	baz=314 Goodland	35.05 86	P	P	05 40 11.5 +0.5	ANMO	comp=Z,31nm,1.9s Albuquerque	38.03 112	eP	P	05 40 37.8 +1.0	Y30A	baz=326,SNR=8.5 Stafford Cattl	41.48 107	P	P	05 40 105.9 +0.6	
H33A	baz=317 Prenh Over Nor	35.07 92	P	P	05 40 11.8 +0.5	ANMO	comp=Z,5.0nm,1.2s Albuquerque	38.03 112	eP	Pmax	Pmax	05 40 36.9 +0.1	V34A	baz=326 Guthrie	41.49 102	P	P	05 40 105.5 +0.2
K30A	baz=317 Basset	35.14 97	P	P	05 40 12.9 +0.9	CBKS	comp=Z,5.0nm,1.2s Cedar Bluff	38.05 102	P	P	05 40 37.5 +0.8	W33A	baz=324 Caddo, Fort Co	41.59 104	P	P	05 40 107.4 +1.4	
C37A	baz=314 Embarrass	35.15 85	P	P	05 40 12.6 +0.7	CBKS	comp=Z,4.1nm,1.5s Cedar Bluff	38.05 102	eP	P	05 40 37.9 +1.2	Q40A	baz=322 Laux Farm, Aux	41.64 94	P	P	05 40 106.0 -0.4	
L29A	baz=319 Maesberg Ranch	35.18 99	P	P	05 40 13.5 +1.2	N34A	comp=Z,4.1nm,1.5s Lincoln	38.05 97	P	P	05 40 37.3 +0.6	R39A	baz=322 Chumby, Stover	41.70 96	P	P	05 40 106.5 -0.4	
PDMCI	baz=319 Parker Dam,Lak	35.23 122	P	P	05 40 14.6 +1.9	Q31A	baz=320 Ellis	38.07 101	P	P	05 40 37.7 +0.9	Y31A	baz=322 Rekieta Farm,	41.71 107	P	P	05 40 107.5 +0.4	
MVCO	baz=326,SNR=6.1 Mesa Verde	35.23 113	eP	P	05 40 13.6 +0.6	O33A	baz=322 Hebron	38.11 98	P	P	05 40 37.8 +0.6	T37A	baz=326 Cheyeville 18	41.72 99	P	P	05 40 106.5 -0.6	
MVCO	comp=Z,6.4nm,0.6s Mesa Verde	35.23 113	eP	P	05 40 14.0 +1.0	J38A	baz=318 Wedel Dairy, R	38.16 90	P	P	05 40 38.5 +1.0	WMOK	comp=E,9.4nm,0.9s Wichita Mounta	41.78 105	eP	P	05 40 108.2 +0.5	
BC3	baz=331 Big Chuckawall	35.24 124	P	P	05 40 14.2 +1.2	LAZ	baz=318 Ladron	38.18 114	eP	P	05 40 40.0 +2.0	X32A	baz=325 Elmer	41.80 105	P	P	05 40 108.2 +0.4	
M28A	baz=329 Bar X Bar Ranc	35.26 101	P	P	05 40 13.8 +0.8	R30A	baz=323 Dighton	38.21 103	P	P	05 40 39.1 +1.0	HDIL	baz=325 Hopedale	41.80 90	P	P	05 40 107.6 -0.1	
F35A	baz=315,SNR=5.1 Svanville	35.29 89	P	P	05 40 14.0 +0.9	S29A	baz=323 Ulysses	38.34 104	P	P	05 40 40.2 +1.0	HDIL	comp=Z,28nm,0.6s Hopedale	41.80 90	eP	P	05 40 107.8 0.0	
EYMN	baz=313 Ely	35.34 84	P	P	05 40 14.1 +0.6	TUC	baz=320 Tucson	38.35 120	P	P	05 40 40.9 +1.6	S38A	baz=322,SNR=5.1 Stockton	41.81 97	P	P	05 40 107.1 -0.7	
EYMN	comp=Z,24nm,0.8s Ely	35.34 84	eP	P	05 40 14.5 +1.0	TUC	comp=Z,3.9nm,0.8s Tucson	38.35 120	eP	P	05 40 40.2 +0.9	Z30A	baz=326,SNR=5.8 Sanderson Ranc	41.86 108	P	P	05 40 108.9 +0.5	
Q24A	baz=323 Divide	35.36 107	P	P	05 40 15.4 +1.3	L37A	baz=319 Phoenix Pt,	38.42 93	P	P	05 40 39.9 +0.2	U36A	baz=326,SNR=5.8 Olotop	41.91 100	P	P	05 40 108.3 -0.3	
WUAZ	baz=328,SNR=24 Wupatki	35.37 118	P	P	05 40 15.9 +1.9	N35A	baz=320 Taber	38.45 96	P	P	05 40 40.9 +0.8	VLDQ	comp=E,59nm,1.7s Val d'Or	41.97 73	eP	P	05 40 107.2 -1.7	
WUAZ	comp=Z,28nm,0.7s Wupatki	35.37 118	eP	P	05 40 16.1 +2.0	O34A	baz=321 Beatrice	38.46 97	P	P	05 40 40.6 +0.5	SCHO	comp=E,5.1nm,0.3s,slow=7.0,SNR=36 Schefferville	42.04 59	P	P	05 40 109.4 -0.1	
D37A	baz=314 Colton	35.43 86	P	P	05 40 15.0 +0.7	K38A	baz=322 Parkersburg	38.52 91	P	P	05 40 41.5 +1.0	SCHO	comp=E,187nm,18.1s,slow=10.0,slow=35 Bollvar	42.05 97	P	P	05 40 108.9 -0.9	
E36A	baz=315,SNR=5.6 McGregor	35.47 87	P	P	05 40 15.2 +0.6	R31A	baz=322 Burdett	38.57 102	P	P	05 40 42.0 +0.9	Y32A	baz=325,SNR=5.2 R-V Farms, Ver	42.06 106	P	P	05 40 110.6 +0.7	
MONPZ	baz=332 Monument Peak	35.53 123	P	P	05 40 17.0 +1.5	T29A	baz=322 Hugoton	38.63 105	P	P	05 40 43.0 +1.4	X30A	baz=322 Lawton	42.07 104	P	P		

Table of astronomical observations for Feb 2011, including station names (e.g., Coleman, Whitesboro), coordinates, and observation parameters.

Table of astronomical observations for Feb 2011, including station names (e.g., NORSAR Array B, FINES), coordinates, and observation parameters.

Table of astronomical observations for Feb 2011, including station names (e.g., RUSC LA Russia, GNI Garki), coordinates, and observation parameters.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like Zaisan, Kurchatov Arra, KURBB, etc.

SCB 04 06:36:42.7±0.6, 15°43'S; 76°09'W, h112km, M13.5/1, Error ellipse: s-maj=64.2km s-min=11.6km az=3.0

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like La Paz, TOROD, YKA, etc.

ISCJB 04 06:45:05.9±0.7, 24°56'N; 122°18'E; 0.02, h82km, 7km, Error ellipse: s-maj=8.0km s-min=3.4km az=179.4

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like Yonaguni jima, Santiajo Chiao, TWB1, etc.

ISC 04 06:48:31.9±3.9, 5°83'S; 150°72'E, h0km, mb3.4/2, mb1 3.7/2, mb1mx3.3/4.0, mbtmp3.5/2, Error ellipse: s-maj=157.3km s-min=51.5km az=118.0, New Britain region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like Warramunga Arr, ASAR Alice Springs, TOROD Torodi Ar. Bea, etc.

IDC 04 06:54:13.9±2.8, 46°10'S; 96°43'E, h0km, mb4.0/3, mb1 4.2/3, mb1mx3.8/3.6, mbtmp4.0/3, MS3.9/1.1, Ms1 3.9/1.1, ms1mx3.7/3.1, Error ellipse: s-maj=80.5km s-min=45.3km az=26.0, Southeast Indian Ridge

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like Cape Leeuwin H, WRA Warramunga Arr, H01W1, etc.

IDC 04 07:04:25.0±1.2, 21°30'S; 173°73'W, h0km, mb4.1/7, mb1 4.4/8, mb1mx4.1/3.0, mbtmp4.2/8, ML4.2/1, MS3.4/3, Ms1 3.4/3, ms1mx3.0/3.6, Error ellipse: s-maj=67.1km s-min=20.0km az=146.0

NEIC 04 07:04:26.3±0.5, 21°28'S; 173°54'W, h10km, mb4.6/7, Error ellipse: s-maj=19.5km s-min=11.0km az=149.0

ISCJB 04 07:04:29.3±0.6, 21°25'S; 173°9'W; 0.1, h38km, mb4.3/13, MS3.4/2, Error ellipse: s-maj=21.4km s-min=10.7km az=44.3

ISC 04 07:04:30.6±0.7, 21°25'S; 173°7'W; 0.1, h38km, n28, ±1520/1, mb4.3/13, 1C, Tonga Islands

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

MEX 04 07:06:20.6±0.7, 16°27'N; 95°83'W, h16km, 101km, MD3.9, Oaxaca

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like HUIG Hualtulo, VHO Vista Hermosa, TLIG Tlapa, etc.

GUC 04 07:14:03.6±0.6, 33°09'S; 72°08'W, h26km, 5km, ML3.4, ISC 04 07:14:02.9±2.5, 33°16'S; 0°05'72''W; 0.1, h6km, 11km, n16, ±0570/29, 2C-1D, Off coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like Antu Antu, CLCH Cerro Calan, CHCH Chichas, etc.

ISCJB 04 07:14:49.0±0.6, 11°40'S; 0°05'78''W; 0.09, h50km, mb3.9/12, MS3.1/1, Error ellipse: s-maj=13.2km s-min=5.4km az=153.3

NEIC 04 07:14:48.0, 11°25'S; 78°15'W, h41km, mb4.2/3, After ABE. NEIC Feat [11] at Huachon and [11] at Lima

IDC 04 07:14:52.0±0.7, 11°23'S; 77°94'W, h54km, 5km, mb3.7/11, mb1 4.0/14, mb1mx3.8/3.7, mbtmp4.1/14, MS3.1/3, Ms1 3.1/3, ms1mx3.0/2.3, Error ellipse: s-maj=19.5km s-min=6.3km az=48.0

ISC 04 07:14:51.0±0.7, 11°32'S; 0°07'77''W; 0.1, h50km, n41, ±1564/38, mb3.9/12, Near coast of Peru

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

ISC 04 07:14:51.0±0.7, 11°32'S; 0°07'77''W; 0.1, h50km, n41, ±1564/38, mb3.9/12, Near coast of Peru

ISC 04 07:14:51.0±0.7, 11°32'S; 0°07'77''W; 0.1, h50km, n41, ±1564/38, mb3.9/12, Near coast of Peru

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like ARE Arequipa, LPAZ La Paz, OTAV Otavalo, etc.

IDC 04 07:30:27.0±48.0, 47°08'S; 95°91'E, h0km, mb3.8/3, mb1 4.1/2, mb1mx3.7/2.9, Error ellipse: s-maj=1142.0km s-min=49.5km az=22.0, Southeast Indian Ridge

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like H01W2 Cape Leeuwin H, H01W1 Cape Leeuwin H, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like WRAB, ZALV, ASAR, etc.

NIED 04 09:11:00.31:10N:131.50E, h32km, Mw4.9 Best double couple: M2: 13000x10100x11900, 199.00000, 320.00000, 1.85.00000; M3: 24.00000, 870.00000, 1.92.00000; BJI 04 09:11:20.6, 30.83N, 131.78E, h42km, mb4.5/61, mb4.9/49, Ms4.6/59, Ms7.4/55; MOS 04 09:11:23.7-1.0, 31:10N:131.36E, h44km, mb5.0/37, MS4.3/8, Error ellipse: s-maj=8.3km s-min=5.0km az=103.9; ISCJB 04 09:11:24.2-0.3, 31:08N:131.50E:0.03, h48km, 2km, s-min=2.9km az=40.2; JMA Felt III J1; IDC 04 09:11:24.6-1.9, 31:13N:131.39E, h35km, 14km, mb4.2/31, mb1.4/325, mb1mx4.2/49, mbtmp4.4/35, ML4.1/4, MS4.2/29, Ms1.4/229, ms1.1/146, Error ellipse: s-maj=13.8km s-min=9.5km az=85.0; NEIC 04 09:11:25.9-0.5, 31:07N:131.39E, h48km, 4km, mb4.9/36, Error ellipse: s-maj=5.0km s-min=4.2km az=127.0; NEIC Felt at Kagoshima. Recorded [3 JMA] in Kagoshima. [2 JMA] in Miyazaki and [1 JMA] in Kumamoto. ISC 04 09:11:24.3-0.4, 31:06N:131.49E:0.03, h33km, 1km, h33km: p-P, n-282, c1954/306, mb4.7/100, MS4.4/34, 19C-12D, Kyushu

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

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like SSSL, YULB, TPUB, etc.

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

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like MK32, MKAR, MKAR, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like STKA, STKA, INK, INK, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like FFC, FFC, GEC2, GEC2, etc.

4d 11h

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like HIA Hailar, CD2 Chengdu, LZH Lanzhou, etc.

2011 FEB

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like SUJI Sorong, TLY Talaya, LAMP Lampang, etc.

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Table with columns for station code, name, frequency, power, and signal strength. Includes stations like H11N3 WAKE ISLAND, H11S3 WAKE ISLAND, H11S1 WAKE ISLAND, etc.

GERES	GERESS Array B	83.94 324 P	P	11 28 10.8 -0.2
GERES	comp=Z,1.2nm,0.8s,baz=57,slow=4.9,SNR=48	LR	PP	11 31 24.1 -0.3
GERES	comp=Z,966nm,22.0s,baz=46,slow=39	LR	PP	12 10 02.1
BMO	Blue Mountains	83.95 41 eP	P	11 28 12.1 +1.0
ARSA	Arzberg	83.95 322 i/P	P	11 28 11.0 +1.0
SFJD	Kangerlussuaq	84.07 0 i/P	P	11 28 11.6 +0.5
SFJD	Kangerlussuaq	84.07 0 i/P	P	11 28 11.6 +0.5
SFJD	comp=Z,22nm,0.8s	LR	Pmax	
SWMT	Swartz Lake	84.21 38 eP	P	11 28 13.1 +0.7
SWMT	comp=Z,1.2nm,1.1s	LR	PcP	11 28 13.4 -2.7
NSHM	Saint Helena R	84.22 49 eP	P	11 28 13.2 +0.7
MOA	Molin	84.26 323 i/P	P	11 28 12.9 +0.4
ORV	Oroville	84.38 48 eP	P	11 28 12.9 -0.3
ORV	Oroville	84.38 48 eP	P	11 28 13.6 -3.3
ORV	Oroville	84.38 48 eP	P	11 28 12.9 -0.3
OHR	Ohrid	84.44 314 i/P	P	11 28 12.3 -1.3
OCHM	Honcut	84.51 48 eP	P	11 28 14.6 +0.7
WVOR	Wild Horse Val	84.56 44 eP	P	11 28 15.5 +1.2
WVOR	Wild Horse Val	84.56 44 eP	P	11 28 15.5 +1.2
WVOR	comp=Z,54nm,0.9s	LR	Pmax	
SOKA	Sobod	84.57 321 i/P	P	11 28 14.3 +0.2
SOKA	comp=Z,82nm,1.1s,SNR=23	LR	P	
LAST	Lasithi	84.59 307 i/P	P	11 28 14.2 -0.3
LAST	Lasithi	84.59 307 i/P	P	11 28 14.2 -0.3
LAST	Lasithi	84.59 307 eP	P	11 28 14.6 +0.2
PDG	Podgorica	84.64 316 i/P	P	11 28 13.5 -1.0
SLMT	Seeley Lake	84.64 38 eP	P	11 28 15.3 +0.7
MSO	Missoula	84.66 38 eP	P	11 28 14.8 +0.2
MSO	Missoula	84.66 38 eP	P	11 28 15.0 +0.4
MSO	Missoula	84.66 38 eP	PcP	11 28 15.4 -2.6
GRFO	Grafenberg	84.67 325 eP	P	11 28 15.2 +0.7
GRFO	Grafenberg	84.67 325 eP	P	11 28 15.2 +0.7
GRFO	comp=Z,1.07nm,1.3s	LR	Pmax	
FCC	Fort Churchill	84.86 22 eP	P	11 28 15.8 +0.6
FCC	Fort Churchill	84.86 22 eP	P	11 28 15.8 +0.6
FCC	Fort Churchill	84.86 22 eP	Pmax	
IDI	Anoyia	84.93 308 LR	LR	12 11 30.9
IDI	Anoyia	84.93 308 i/P	P	11 28 14.7 -1.5
IDI	Anoyia	84.93 308 i/P	P	11 28 14.7 -1.5
IDI	Anoyia	84.93 308 eP	P	11 28 14.7 -1.5
OBKA	Obr	84.93 321 i/P	P	11 28 16.1 +0.1
CHMT	Chamberlain Mo	84.98 38 eP	P	11 28 16.9 +0.5
AFDM	Forest Hills D	85.05 48 eP	P	11 28 17.3 +0.6
FFC	Flin Flon	85.06 27 P	P	11 28 17.0 +0.6
FFC	Flin Flon	85.06 27 eP	P	11 28 16.9 +0.6
FFC	Flin Flon	85.06 27 eP	P	11 28 16.9 +0.6
FFC	Flin Flon	85.06 27 eP	Pmax	
SIVA	Sivas	85.13 307 i/P	P	11 28 16.8 -0.3
KBA	Koelnbreinsper	85.23 322 i/P	PcP	11 28 17.8 +0.2
MYKA	Terra Mystica	85.39 322 i/P	P	11 28 17.7 -0.4
MFID	Camas Ranch	85.66 42 eP	P	11 28 20.9 +1.2
TRI	Trieste	85.86 321 eP	P	11 28 20.2 -0.3
TRI	Trieste	85.86 321 eP	Pmax	
ABTA	Abfaltersbach	85.88 322 i/P	P	11 28 20.1 -0.6
SAO	San Andreas Ge	85.95 50 eP	P	11 28 21.8 +0.6
SAO	San Andreas Ge	85.95 50 eP	P	11 28 21.8 +0.6
SAO	San Andreas Ge	85.95 50 eP	Pmax	
WATA	Walderaim	86.00 323 i/P	P	11 28 22.2 +0.8
LRM	Limekiln Ridge	86.09 39 eP	P	11 28 23.1 +1.1
EGMT	Eagleton	86.11 36 eP	P	11 28 22.5 +0.7
EGMT	Eagleton	86.11 36 eP	P	11 28 22.8 +0.9
MOTA	Mosam	86.24 324 i/P	P	11 28 21.6 -1.0
WAKR	Walker	86.30 48 eP	P	11 28 23.7 +0.6
WAKR	Walker	86.30 48 eP	PcP	11 28 24.2 -1.4
DLMT	Dillon	86.39 41 eP	P	11 28 24.0 +1.1
HLID	Hailey	86.39 41 eP	P	11 28 24.9 +1.5
HLID	Hailey	86.39 41 eP	P	11 28 24.4 +1.0
HLID	Hailey	86.39 41 eP	PcP	11 28 25.3 -0.9
LRV	Little Rabbit	86.43 50 eP	P	11 28 24.8 +1.2
MEM	Membach	86.56 328 P	P	11 28 23.9 0.0
BEEN	Eben Enael	86.58 328 P	P	11 28 24.5 +0.6
BMN	Battle Mountain	86.58 45 eP	P	11 28 25.7 +1.3
BMN	Battle Mountain	86.58 45 eP	P	11 28 25.7 +1.3
BOZ	Bozeman (W)	86.65 38 P	P	11 28 25.5 +0.8
BOZ	Bozeman (W)	86.65 38 eP	P	11 28 25.7 +1.1
BOZ	Bozeman (W)	86.65 38 eP	P	11 28 25.7 +1.1
BOZ	Bozeman (W)	86.65 38 eP	Pmax	
FETA	Feichten	86.65 323 i/P	P	11 28 24.1 -0.5
DAVA	Damuels	86.91 324 i/P	P	11 28 25.2 -0.7
BFO	Black Forest	87.00 326 i/P	P	11 28 27.0 +0.9
BCLA	Clavier	87.01 328 P	P	11 28 25.3 -0.8
NV01	Mina Array Sit	87.07 47 eP	P	11 28 28.2 +1.3
NVAR	Mina Array Bea	87.07 47 eP	P	11 28 27.9 +1.0
NVAR	comp=Z,2.7nm,0.7s,baz=297,slow=5.6,SNR=239	PP	PP	11 31 50.2 +0.1
NVAR	comp=Z,1.9nm,1.1s,baz=293,slow=7.8,SNR=15	LR	LR	12 02 56.3
WLF	Wallerdange	87.14 327 P	P	11 28 27.3 +0.5
WLF	Wallerdange	87.14 327 eP	P	11 28 26.9 +0.2
WLF	Wallerdange	87.14 327 eP	Pmax	
WLF	Wallerdange	87.14 327 eP	Pmax	
FUORN	Otenpass-Fuorn	87.15 323 eP	P	11 28 26.9 -0.2
FUORN	Otenpass-Fuorn	87.15 323 eP	PcP	11 28 27.4 -1.9
NV11	Mina Array Sit	87.16 47 eP	P	11 28 28.1 +0.8
NV11	Mina Array Sit	87.16 47 eP	PcP	11 28 28.4 -0.9
UCC	Uccle	87.17 329 P	P	11 28 26.4 -0.4
MLAC	Mammoth, Mammo	87.18 48 P	P	11 28 28.8 +1.3
QLMT	Earthquake Lak	87.27 39 eP	P	11 28 29.2 +1.5
SNF	Senefe	87.42 329 P	P	11 28 27.8 -0.2
MTJUM	Tungsten Hills	87.52 48 eP	P	11 28 29.9 +0.9
DOU	Dourbes	87.56 328 P	P	11 28 28.8 -0.2
GCMT	Greycliff	87.61 37 eP	P	11 28 29.2 -0.1
ELK	Elko	87.61 44 eP	P	11 28 30.9 +1.4
ELK	Elko	87.61 44 eP	P	11 28 30.9 +1.4
ELK	Elko	87.61 44 eP	Pmax	
ELK	Elko	87.61 44 eP	Pmax	
YMR	Madison River	87.63 39 eP	P	11 28 31.4 +1.8
RCTO	Rector, Farmer	87.67 49 eP	P	11 28 29.8 +0.3
TUE	Stuetta	87.72 324 eP	P	11 28 28.9 -1.0
TUE	Stuetta	87.72 324 eP	PcP	11 28 29.6 -2.1

SMCC	Simmler	87.74 50 P	P	11 28 31.1 +1.2
YNR	Norris Junctio	87.76 39 eP	P	11 28 32.8 +2.6
YFT	Old Fafu	87.84 39 eP	P	11 28 33.7 +3.2
TIN	Tinemaha, Big	87.91 48 P	P	11 28 32.1 +1.3
LKWY	Lake	88.01 39 eP	P	11 28 34.2 +2.9
LKWY	Lake	88.01 39 eP	P	11 28 34.2 +2.9
LKWY	comp=Z,64nm,0.9s	LR	Pmax	
H17A	Grant Village	88.02 39 P	P	11 28 34.5 +3.0
H17A	Grant Village	88.02 39 eP	P	11 28 34.4 +3.0
VES	Vestal, Richgr	88.05 50 P	P	11 28 31.2 -0.1
TIP	Timpanograde	88.08 315 i/P	P	11 28 30.7 -0.8
PKM	Mpferson Peak	88.10 51 P	P	11 28 32.7 +0.9
IMW	Indian Meadow	88.14 39 eP	P	11 28 33.8 +1.8
FLWY	Flagg Ranch	88.16 39 eP	P	11 28 34.1 +2.1
RLMT	Red Lodge	88.26 38 P	P	11 28 33.6 +1.1
RLMT	Red Lodge	88.26 38 eP	P	11 28 33.9 +1.5
RLMT	Red Lodge	88.26 38 eP	Pmax	
MOOV	Moose Ponds	88.34 39 eP	P	11 28 34.5 +1.6
SBC	Santa Barbara	88.42 51 P	P	11 28 34.0 +0.9
HVU	Hansel Valley	88.44 42 eP	P	11 28 34.8 +1.5
HVU	Hansel Valley	88.44 42 eP	Pmax	
GRAC	Grapevine Rang	88.50 48 P	P	11 28 34.6 +1.0
LOHW	Long Hollow	88.51 39 eP	P	11 28 35.1 +1.5
SNOW	Snow King Moun	88.52 40 eP	P	11 28 35.9 +2.1
REDW	Red Top Moun	88.53 40 eP	P	11 28 35.1 +1.3
DGMT	Dagmar	88.54 33 P	P	11 28 34.2 +0.7
DGMT	Dagmar	88.54 33 eP	P	11 28 34.5 +1.0
ARVC	Arvin	88.63 50 P	P	11 28 35.3 +1.2
A25A	Svango's Ranch	88.72 32 P	P	11 28 35.5 +1.2
SC2Z	Santa Cruz Isl	88.73 51 P	P	11 28 35.1 +0.4
AHID	Auburn Hatcher	88.78 40 eP	P	11 28 36.0 +1.1
BGU	Big Grassy Mou	88.82 43 eP	P	11 28 36.6 +1.5
R11A	Troy Canyon, C	88.84 46 P	P	11 28 36.2 +0.9
R11A	Troy Canyon, C	88.84 46 eP	P	11 28 36.0 +0.7
MPMC	Manual Prospec	88.97 49 P	P	11 28 36.6 +0.6
BLG	Laguna Peak, P	89.05 51 P	P	11 28 36.5 +0.3
FURC	Furnace Creek,	89.14 48 P	P	11 28 37.3 +0.9
B25A	Knox Farm, Ray	89.17 33 P	P	11 28 37.9 +1.4
LRMC	Laurel Mtn Rad	89.19 49 P	P	11 28 37.4 +0.5
BMUT	Black Mountain	89.22 41 eP	P	11 28 38.6 +1.5
A26A	Wade Farm, Ken	89.24 32 P	P	11 28 37.7 +1.1
EDW2	Edwards Air Fo	89.33 50 P	P	11 28 38.1 +0.6
DUG	Dugway, Tooele	89.41 43 eP	P	11 28 39.3 +1.5
DUG	Dugway, Tooele	89.41 43 eP	P	11 28 39.4 +1.5
DUG	Dugway, Tooele	89.41 43 eP	Pmax	
DECC	Green Verdugo	89.46 51 P	P	11 28 38.4 +0.3
C25A	Freed Ranch, W	89.52 33 P	P	11 28 39.4 +1.3
B26A	Jensen Ranch,	89.53 32 P	P	11 28 39.3 +1.2
A27A	Ledoux Ranch,	89.56 31 P	P	11 28 39.1 +0.8
BW06	Boiler Array	89.64 40 P	P	11 28 39.7 +0.6
BW06	Boulder Array	89.64 40 eP	P	11 28 39.6 +0.6
PD31	Pinedale Array	89.64 40 eP	P	11 28 39.5 +0.5
PD31	Pinedale Array	89.64 40 eP	PcP	11 28 40.0 -0.3
PDAR	Pinedale Array	89.64 40 P	P	11 28 39.5 +0.5
PDAR	comp=Z,1.4nm,0.9s,baz=300,slow=1.4,SNR=75	PP	PP	11 32 09.1 -1.5
MWC	Mount Wilson	89.67 50 eP	P	11 28 40.0 +0.8
MWC	Mount Wilson	89.67 50 eP	P	11 28 40.0 +0.8
MWC	Mount Wilson	89.67 50 eP	Pmax	
FMP	Fort Macarthur	89.80 51 P	P	11 28 40.0 +0.4
PSUT	Pine Spring	89.80 45 eP	P	11 28 41.0 +1.2
SHOC	Shoshone, Teco	89.86 48 P	P	11 28 40.7 +0.8
GSC	Goldstone, Bar	89.87 49 P	P	11 28 40.9 +0.9
GSC	Goldstone, Bar	89.87 49 eP	P	11 28 40.9 +0.9
GSC	Goldstone, Bar	89.87 49 eP	Pmax	
GSC	Goldstone, Bar	89.87 49 eP	Pmax	
D25A	Fairfield	89.89 33 P	P	11 28 41.2 +1.4
CIS	Catalina Islan	89.90 51 P	P	11 28 40.7 +0.6
BFSC	Moore Baldy Ra	89.93 50 P	P	11 28 40.8 +0.4
B27A	Peters Farms,	89.95 32 P	P	11 28 40.9 +1.3
C26A	Wahner Farm, P	89.99 32 P	P	11 28 41.6 +1.3
RRX	Edison Barstow	90.00 49 P	P	11 28 41.7 +1.2
NLU	North Lily Min	90.00 43 eP	P	11 28 42.2 +1.4
A28A	Rude Farm, Bot	90.03 31 P	P	11 28 41.7 +1.3
PPT	Papeete	90.09 110 LR	LR	12 02 10.4
PPT2	comp=Z,7.0nm,21.7s,baz=328,slow=31	LR	LR	11 57 25.7
PMOR	Pomariole Ree	90.20 107 eT	T	13 08 32.0
SHRP	Maple Canyon	90.22 47 eP	P	11 28 42.9 +1.1
EMPU	Maple Canyon	90.22 43 eP	P	11 28 43.2 +1.4
E25A	Miller Ranch,	90.31 34 P	P	11 28 43.2 +1.4
B28A	Dues Ranch, T	90.33 31 P	P	11 28 43.1 +1.3
C27A	Saylor Ranch,	90.34 32 P		

4d 11h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Paradox Valley, Nome, Trail, Leola, Pilot Hill, Red Feather La, etc.

2011 FEB

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like SCHQ, H34A, J32A, SDCO, F36A, M29A, G35A, K31A, N28A, L30A, ECSD, etc.

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Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like T31A, R33A, P35A, Q34A, KSU1, Q36A, ES19, ESDC, etc.

Table with columns: PTGA, Pitinga, 149.99 21 PKP, PKPdf, 11 35 27.6 +0.6, comp=Z,31nm,1.1s,baz=0.0,slow=3.0,SNR=1.6

NSCC 04 11:21:53.9,3.3,38.46N,38.73E,h0km,45km
ISK 04 11:21:57.6,38.10N,38.56E,h5km,ML3.6
DDA 04 11:21:58.8,38.12N,38.57E,h15km,ML3.5
CSEM 04 11:21:59.0,1.38,10N,38.61E,h2km,ML3.5,Error

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

Table with columns: GUMT, Gumushane, 2.46 16 ePn, Pn, 11 22 40.0 +0.2, comp=N,296nm,0.7s

ISK 04 11:27:27.6,0.3,37.88N,27.26E,h15km,MD2.7,Error
ellipso: s-maj=6.7km s-min=5.1km az=76.0
ISK 04 11:27:27.3,37.91N,27.34E,h17km,MD2.8

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

Main station list table with columns: BNDI, Bondanaira, 0.89 2 P, Pn, 11 52 23.2 +3.9, comp=Z,10.0nm,0.5s

4d 12h

Table with columns: ID, Name, Address, Phone, Email, Website, and various performance metrics. Includes entries like 439A Center Grove, PBMO Poplar Bluff, 339A Huntington, etc.

2011 FEB

Table with columns: ID, Name, Address, Phone, Email, Website, and various performance metrics. Includes entries like CPUP comp=Z,5.0nm,1.0s, etc.

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Table with columns: ID, Name, Address, Phone, Email, Website, and various performance metrics. Includes entries like O40A baz=129,SNR=98, 633A Sathoff Ranch, etc.

N38A	Joess South For	40.13 323	P	P	12 24 15.8	-0.3
N38A	baz=128,SNR=148		ScP	ScP	12 29 50.1	-2.1
W34A	Bridge Creek	40.14 312	P	P	12 24 15.0	-1.3
W34A	baz=118,SNR=17		ScP	ScP	12 29 51.6	-0.8
W34A	baz=118,SNR=6.2	40.14 312	eP	P	12 24 14.9	-1.3
W34A	Bridge Creek		eP	P	12 26 18.0	+0.3
W34A	comp=Z,69nm,0.8s		eP	P	12 29 51.6	-0.8
W34A		40.16 307	eP	P	12 24 15.5	-1.0
W34A	Coleman		ScP	ScP	12 29 52.0	-0.6
W34A	baz=112,SNR=19		ScP	ScP	40.18 292	eP
W34A	baz=112,SNR=7.3		ScP	ScP	12 24 18.1	+1.0
W34A	Zaic		ScP	ScP	12 26 19.4	+1.1
W34A	Zaic		ScP	ScP	12 24 15.7	-1.2
W34A	Zaic		ScP	ScP	12 29 51.2	-1.5
W34A	Zaic		ScP	ScP	12 24 15.6	-1.4
W34A	Zaic		ScP	ScP	12 29 51.7	-1.1
W34A	Zaic		ScP	ScP	12 24 15.6	-1.4
W34A	Zaic		ScP	ScP	12 24 16.7	-0.8
W34A	Zaic		ScP	ScP	12 29 51.7	-1.2
W34A	Zaic		ScP	ScP	12 24 16.3	-1.4
W34A	Zaic		ScP	ScP	12 29 51.7	-1.3
W34A	Zaic		ScP	ScP	12 24 16.4	-1.7
W34A	Zaic		ScP	ScP	12 29 52.4	-0.9
W34A	Zaic		ScP	ScP	12 24 17.9	-0.9
W34A	Zaic		ScP	ScP	12 29 52.9	-0.7
W34A	Zaic		ScP	ScP	12 24 17.9	-0.9
W34A	Zaic		ScP	ScP	12 29 53.2	-0.5
W34A	Zaic		ScP	ScP	12 24 17.0	-1.7
W34A	Zaic		ScP	ScP	12 24 15.8	-1.6
W34A	Zaic		ScP	ScP	12 29 51.8	-0.3
W34A	Zaic		ScP	ScP	12 29 52.0	-1.7
W34A	Zaic		ScP	ScP	12 24 18.2	-1.3
W34A	Zaic		ScP	ScP	12 29 53.2	-0.7
W34A	Zaic		ScP	ScP	12 24 18.4	-1.1
W34A	Zaic		ScP	ScP	12 26 19.4	+0.5
W34A	Zaic		ScP	ScP	12 29 53.4	-0.6
W34A	Zaic		ScP	ScP	12 24 18.9	-1.0
W34A	Zaic		ScP	ScP	12 29 53.8	-0.3
W34A	Zaic		ScP	ScP	12 24 18.6	-1.2
W34A	Zaic		ScP	ScP	12 24 18.7	-1.1
W34A	Zaic		ScP	ScP	12 29 53.1	-0.9
W34A	Zaic		ScP	ScP	12 24 18.9	-1.2
W34A	Zaic		ScP	ScP	12 29 53.9	-0.3
W34A	Zaic		ScP	ScP	12 24 18.7	-1.7
W34A	Zaic		ScP	ScP	12 29 52.7	-1.6
W34A	Zaic		ScP	ScP	12 24 18.5	-2.0
W34A	Zaic		ScP	ScP	12 29 53.2	-1.2
W34A	Zaic		ScP	ScP	12 24 18.5	-2.0
W34A	Zaic		ScP	ScP	12 24 20.1	-0.6
W34A	Zaic		ScP	ScP	12 29 53.0	-1.4
W34A	Zaic		ScP	ScP	12 24 19.9	-1.0
W34A	Zaic		ScP	ScP	12 29 54.3	-0.4
W34A	Zaic		ScP	ScP	12 24 19.9	-1.4
W34A	Zaic		ScP	ScP	12 29 53.5	-1.7
W34A	Zaic		ScP	ScP	12 24 21.0	-1.5
W34A	Zaic		ScP	ScP	12 29 54.5	-0.9
W34A	Zaic		ScP	ScP	12 24 21.4	-1.4
W34A	Zaic		ScP	ScP	12 29 54.4	-1.1
W34A	Zaic		ScP	ScP	12 24 23.3	0.0
W34A	Zaic		ScP	ScP	12 24 22.9	-0.3
W34A	Zaic		ScP	ScP	12 29 54.3	-1.3
W34A	Zaic		ScP	ScP	12 24 22.6	-1.1
W34A	Zaic		ScP	ScP	12 29 55.8	-0.2
W34A	Zaic		ScP	ScP	12 24 23.2	-0.3
W34A	Zaic		ScP	ScP	12 29 54.4	-1.3
W34A	Zaic		ScP	ScP	12 24 23.1	-1.0
W34A	Zaic		ScP	ScP	12 29 55.9	-0.3
W34A	Zaic		ScP	ScP	12 24 22.3	-1.9
W34A	Zaic		ScP	ScP	12 29 54.1	-2.1
W34A	Zaic		ScP	ScP	12 24 23.4	-1.3
W34A	Zaic		ScP	ScP	12 29 55.6	-0.8
W34A	Zaic		ScP	ScP	12 24 24.0	-0.8
W34A	Zaic		ScP	ScP	12 29 55.3	-1.1
W34A	Zaic		ScP	ScP	12 24 24.0	-1.0
W34A	Zaic		ScP	ScP	12 29 55.7	-1.1
W34A	Zaic		ScP	ScP	12 24 24.8	-0.5
W34A	Zaic		ScP	ScP	12 29 55.5	-1.2
W34A	Zaic		ScP	ScP	12 24 23.6	-1.8

K35A	Storm Lake	42.49 323	P	P	12 29 55.2	-1.6
K35A	baz=128,SNR=19		ScP	ScP	12 24 23.7	-1.8
V30A	Spur Ranch, Mi	42.50 311	P	P	12 29 55.5	-1.2
V30A	baz=115,SNR=9.1		eP	ScP	12 24 24.1	-1.3
Q32A	Meitler Ranch,	42.51 317	P	P	12 29 55.6	-1.2
Q32A	baz=121,SNR=8.9		ScP	ScP	12 24 24.5	-1.1
M34A	Aspy Farms, F	42.59 321	P	P	12 29 56.2	-0.7
M34A	baz=125,SNR=10		ScP	ScP	12 24 24.9	-0.9
LTX	Lajitas	42.60 301	eP	P	12 29 55.0	-1.9
LTX	Lajitas	42.60 301	eP	P	12 29 55.1	-0.9
TXAR	Lajitas Array	42.60 301	eP	P	12 24 25.1	-0.9
TXAR	comp=Z,28nm,0.9s, baz=113,slow=9.9,SNR=162		ScP	ScP	12 29 56.6	-0.6
TXAR	comp=Z,60nm,0.6s, baz=120,slow=5.5,SNR=55		ScP	ScP	12 24 24.7	-1.4
TXAR	comp=Z,2.7nm,0.7s, baz=113,slow=6.3,SNR=6.8		ScP	ScP	12 29 56.0	-1.2
TXAR	comp=Z,83nm,19.8s, baz=0.0,slow=38		ScP	ScP	12 24 24.9	-1.5
TX31	Lajitas Ar. Si	42.60 301	eP	P	12 29 55.9	-1.3
TX31			eP	P	12 24 25.7	-1.1
TX31			eP	P	12 29 56.4	-1.0
I36A	Fitzsimmons Fa	42.62 326	P	P	12 24 25.7	-1.1
I36A	baz=130		ScP	ScP	12 24 25.6	-1.3
L34A	Svensden Farm,	42.73 322	P	P	12 29 57.2	-0.5
L34A	baz=126,SNR=14		ScP	ScP	12 24 25.2	-1.8
SPMN	Marine on St.	42.76 328	P	P	12 29 55.8	-1.7
SPMN	baz=133,SNR=6.4		ScP	ScP	12 24 26.6	-1.2
SPMN	baz=133		ScP	ScP	12 29 57.0	-0.7
SPMN	Marine on St.	42.76 328	eP	P	12 24 27.4	-0.7
SPMN	comp=Z,24nm,0.9s		eP	P	12 29 57.1	-0.9
SPMN			eP	P	12 24 27.3	-1.2
U30A	WK&E Inc. Balk	42.80 312	P	P	12 29 57.2	-1.0
U30A	baz=116,SNR=38		ScP	ScP	12 24 27.0	-1.6
R31A	Burdett	42.82 315	P	P	12 29 57.2	-1.1
R31A	baz=119,SNR=20		ScP	ScP	12 24 27.4	-0.7
R31A	baz=119,SNR=9.7		ScP	ScP	12 29 57.1	-0.9
P32A	Huling Farm,	42.85 318	P	P	12 24 27.6	-0.8
P32A	baz=121,SNR=9.8		ScP	ScP	12 29 57.0	-0.7
J35A	Milford	42.88 324	P	P	12 24 27.3	-1.2
J35A	baz=128,SNR=9.0		ScP	ScP	12 29 57.1	-0.9
AMTX	Amarillo	42.88 310	P	P	12 24 27.3	-1.4
AMTX	baz=114		eP	P	12 26 26.3	-0.5
AMTX	Amarillo	42.88 310	eP	P	12 24 37.8	-1.3
H36A	Jessenland, He	42.93 326	P	P	12 29 57.2	-1.1
H36A	baz=131,SNR=6.7		ScP	ScP	12 24 27.4	-1.8
T30A	Plains	42.95 313	P	P	12 24 27.4	-1.8
T30A	baz=117,SNR=7.7		ScP	ScP	12 24 27.4	-1.8
O32A	Brockman Farm,	42.97 319	P	P	12 24 28.2	-0.8
O32A	baz=122,SNR=5.9		ScP	ScP	12 29 56.7	-1.7
K34A	Le Mars	42.98 323	P	P	12 24 28.4	-1.2
K34A	baz=127,SNR=12		ScP	ScP	12 29 58.1	-0.7
M33A	Taylor Creek F	43.00 321	P	P	12 29 58.1	-0.7
M33A	baz=124		ScP	ScP	12 24 29.2	-0.3
I35A	Creeview Farm	43.05 325	P	P	12 24 29.0	-0.4
I35A	baz=129,SNR=10		ScP	ScP	12 24 29.0	-0.4
I35A	baz=129		ScP	ScP	12 29 57.1	-2.1
Q31A	Ellis	43.08 316	P	P	12 24 29.2	-1.5
Q31A	baz=120,SNR=5.3		ScP	ScP	12 24 29.1	-1.0
S30A	Montezuma	43.17 314	P	P	12 24 29.7	-0.9
S30A	baz=117,SNR=10		ScP	ScP	12 29 59.2	-0.2
S30A	baz=117,SNR=7.5		ScP	ScP	12 24 29.4	-1.2
CBKS	Cedar Bluff	43.22 316	eP	P	12 24 29.4	-1.2
CBKS	baz=111		eP	P	12 29 59.2	-0.2
CBKS	Cedar Bluff	43.22 316	eP	P	12 24 29.4	-1.2
CBKS			eP	P	12 29 59.0	-0.4
CBKS	Cedar Bluff	43.22 316	eP	P	12 24 30.1	-0.4
CBKS			eP	P	12 29 57.1	-2.1
U29A	Oasis Ranch, S	43.25 312	P	P	12 24 29.2	-1.5
U29A	baz=115,SNR=15		ScP	ScP	12 29 58.1	-1.2
N32A	Stulken Farm,	43.25 319	P	P	12 24 31.1	-0.2
N32A	baz=122		ScP	ScP	12 29 58.1	-1.2
N32A	baz=122		ScP	ScP	12 24 30.4	-1.1
J34A	George	43.26 324	P	P	12 29 58.1	-1.2
J34A	baz=127,SNR=14		ScP	ScP	12 24 30.4	-1.1
G36A	St. Michael	43.27 327	P	P	12 29 58.1	-1.2
G36A	baz=132		ScP	ScP	12 29 58.1	-1.2
G36A	baz=132		ScP	ScP	12 24 40.7	-1.0
C39A	Grand Marais	43.30 333	P	P	12 24 30.4	-1.1
C39A	baz=138		ScP	ScP	12 29 58.7	-1.0
P31A	Stockton	43.32 317	P	P	12 24 30.0	-1.1
P31A	baz=120,SNR=16		ScP	ScP	12 24 30.0	-1.1
R30A	Dighton	43.33 315	P	P	12 24 30.9	-1.4
R30A	baz=118,SNR=14		ScP	ScP	12 24 30.9	-1.4
R30A	baz=118,SNR=14		ScP	ScP	12 24 30.9	-1.4
MSTX	Muleshoe	43.37 308	P	P	12 24 31.0	-1.7
MSTX	baz=112,SNR=6.0		ScP	ScP	12 29 58.7	-1.6
MSTX	baz=112		ScP	ScP	12 24 31.1	-1.4
MSTX	Muleshoe	43.37 308	eP	P	12 24 31.6	-1.2
MSTX	comp=Z,99nm,0.8s		eP	P	12 24 31.0	-1.7
MSTX			eP	P	12 29 58.7	-1.6
MSTX			eP	P	12 24 31.4	-1.3
L33A	Hoskins	43.39 321	P	P	12 24 31.4	-1.6
L33A	baz=125,SNR=12		ScP	ScP	12 24 31.4	-1.6
E37A	Wrenshall	43.48 330	P	P	12 24 31.4	-1.6
E37A	baz=134		ScP	ScP	12 24 32.7	-0.8
K33A	Hardington	43.48 322	P	P	12 24 32.7	-0.8
K33A	baz=126,SNR=9.5		ScP	ScP	12 24 32.7	-0.8
H35A	Sunnyside Ranc	43.50 326	P	P	12 24 32.7	-0.8
H35A	baz=130,SNR=13		ScP	ScP	12 24 32.7	-0.8
H35A	baz=130		ScP	ScP	12 24 32.7	-0.8
BGNE	Belgrade	43.51 320	P	P	12 24 32.7	-0.8
BGNE	baz=123,SNR=6.1		ScP	ScP	12 24 32.7	-0.8
BGNE	baz=123		ScP	ScP	12 24 32.7	-0.8
BGNE	Belgrade	43.51 320	eP	P	12 26 28.6	-0.1
BGNE	comp=Z,102nm,0.9s		eP	P	12 24 42.3	-1.7
BGNE			eP	P	12 24 42.4	-1.2
T29A	Hugoton	43.54 313	P	P	12 26 28.9	+0.4
T29A	baz=116,SNR=8.9		ScP	ScP	12 30 00.0	-0.7
SCHO	Schefferville	43.55 356	P	P	12 24 44.0	+0.3
SCHO	comp=Z,141nm,0.8s, baz=174,slow=6.3,SNR=95		P	P	12 26 28.0	-0.2
SCHO	comp=Z,15nm,0.6s, baz=195,slow=3.2,SNR=5.4		ScP	ScP	12 30 02.8	-2.8
SCHO	comp=					

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Q31A	Woolen Ranch, baz=121,SNR=9.1	43.60 318	P	P	12 24 42.3 -2.0
S29A	Ulysses baz=117,SNR=9.9	43.62 314	P	P	12 24 43.3 -1.3
Q30A	Quinter baz=119,SNR=25	43.62 316	P	P	12 24 43.1 -1.5
G35A	Watkins baz=131,SNR=7.8	43.65 327	P	P	12 24 43.3 -1.3
I34A	Hadley baz=129,SNR=5.2	43.66 325	P	P	12 24 44.0 -0.7
HP1G	Bailey Ranch, baz=122	43.73 297	eP	P	12 24 45.7 0.0
HP1G	Sawbill Land, baz=136,SNR=7.7	43.75 332	eP	PP	12 26 30.6 -0.1
C38A	Elgin baz=136	43.75 321	P	P	12 24 44.1 -1.4
E36A	McGregor baz=133,SNR=11	43.87 329	P	P	12 24 45.4 -1.0
J33A	Davis baz=126,SNR=18	43.87 323	P	P	12 24 45.5 -0.9
D37A	Cotton baz=135,SNR=22	43.90 330	P	P	12 24 46.1 -0.4
ECSD	EROS Data Cent baz=127,SNR=106	43.91 324	P	P	12 24 45.9 -0.8
ECSD	EROS Data Cent comp=Z,109nm,0.8s	43.91 324	eP	P	12 24 45.8 -0.9
P30A	Selden baz=119,SNR=19	43.92 317	P	P	12 26 29.4 -0.6
M31A	Lambrecht Ranc baz=122,SNR=13	44.00 319	P	P	12 24 45.9 -1.6
R29A	Marienthal baz=117,SNR=9.7	44.00 315	P	P	12 24 46.0 -1.5
H34A	Spellman Lake, baz=129,SNR=15	44.00 325	P	P	12 24 46.3 -1.1
EYMN	Ely baz=136	44.02 332	P	P	12 24 46.2 -1.3
EYMN	Ely	44.02 332	eP	pP	12 24 46.4 -1.1
K32A	Verdigre baz=124,SNR=25	44.09 322	P	P	12 24 46.6 -1.6
O30A	MW Ranch, Wils baz=120,SNR=15	44.10 317	P	P	12 24 46.6 -1.7
Q29A	Oakley baz=119,SNR=25	44.10 315	P	P	12 24 46.8 -1.6
Q35A	Swanville baz=131,SNR=14	44.11 327	P	P	12 24 46.9 -1.3
S28A	Mantner baz=116,SNR=17	44.16 313	P	P	12 24 47.6 -1.3
C37A	Embarrass baz=135,SNR=6.3	44.19 331	P	P	12 24 47.9 -1.0
I33A	Coleman baz=127,SNR=18	44.20 324	P	P	12 24 48.4 -0.7
D36A	Goodland baz=134	44.28 330	P	P	12 24 48.4 -1.1
G34A	Benson baz=134,SNR=5.3	44.29 326	P	P	12 24 48.6 -1.1
L31A	Butterfield Fa baz=123,SNR=29	44.36 321	P	P	12 24 49.1 -1.3
P29A	Atwood baz=119,SNR=7.9	44.41 316	P	P	12 24 49.0 -1.8
J32A	Parkston baz=125,SNR=11	44.42 323	P	P	12 24 49.4 -1.4
R28A	Tribune baz=117,SNR=23	44.43 314	P	P	12 24 49.4 -1.7
F34A	Alexandria baz=130	44.43 327	P	P	12 24 49.6 -1.2
N30A	Hueltel Ranch, baz=121,SNR=5.9	44.44 318	P	P	12 24 49.4 -1.6
E35A	Pequot Lakes baz=132,SNR=23	44.48 328	P	P	12 24 49.8 -1.4
C36A	Pine Crest Far baz=134,SNR=6.2	44.52 331	P	P	12 24 50.3 -1.1
K31A	O'Neill baz=124,SNR=34	44.55 321	P	P	12 24 50.6 -1.2
H33A	Prehn Over Nor baz=128,SNR=60	44.56 325	P	P	12 24 51.5 -0.4
O29A	4D Ranch, Culb baz=119,SNR=8.1	44.57 317	P	P	12 24 50.4 -1.7
I32A	Karley and Nic baz=126,SNR=47	44.58 324	P	P	12 24 51.3 -0.7
D35A	Remer baz=126	44.66 329	P	P	12 24 51.7 -0.8
MNTX	Cornudas Mount baz=107,SNR=104	44.69 304	P	P	12 24 52.8 -0.3
MNTX	Cornudas Mount comp=Z,76nm,0.9s	44.69 304	eP	P	12 24 53.0 -0.1
G33A	Ortonville baz=128,SNR=12	44.70 325	P	P	12 26 31.8 -1.2

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Q28A	Sharon Springs baz=117,SNR=9.6	44.77 315	P	P	12 24 52.1 -1.6
L30A	Spencer Herefo baz=122,SNR=30	44.79 320	P	P	12 24 52.5 -1.3
H29A	Votaw Ranch, W baz=122	44.80 318	P	P	12 24 52.5 -1.4
H32A	Carlson Farm, baz=127,SNR=74	44.84 324	P	P	12 24 53.5 -0.6
E34A	Wadena baz=131	44.85 328	P	P	12 24 53.0 -1.1
J31A	Geddes baz=124,SNR=13	44.91 322	P	P	12 24 52.9 -1.8
P28A	Saint Francis baz=118,SNR=20	44.95 316	P	P	12 24 53.7 -1.5
F33A	5 Mile Ranch, baz=129,SNR=7.3	45.02 326	P	P	12 24 54.1 -1.3
C35A	Jirik Farms, M baz=133,SNR=25	45.04 330	P	P	12 24 54.2 -1.3
K30A	Basset baz=123,SNR=16	45.11 321	P	P	12 24 55.1 -1.2
M29A	Burnside Ranch baz=120,SNR=11	45.15 319	P	P	12 24 55.1 -1.6
I31A	Roy, Wessing baz=125,SNR=8.6	45.21 323	P	P	12 24 55.8 -1.2
O28A	Krutsinger Ran baz=118,SNR=8.1	45.23 316	P	P	12 24 55.6 -1.7
D34A	Park Rapids baz=131,SNR=10	45.24 328	P	P	12 24 55.9 -1.6
E33A	Westby DABS, E baz=130,SNR=5.7	45.29 327	P	P	12 24 56.1 -1.5
K30A	Kaye Shedlock' baz=116,SNR=6.2	45.30 315	P	P	12 24 56.3 -1.6
K30A	Kaye Shedlock' baz=116,SNR=6.2	45.30 315	eP	P	12 24 56.6 -1.4
G32A	Webster baz=127,SNR=24	45.33 325	P	P	12 24 57.1 -0.8
L29A	Maesberg Ranch baz=121,SNR=7.5	45.33 319	P	P	12 24 56.6 -1.4
N28A	Pribbeno Ranch baz=119,SNR=8.0	45.34 317	P	P	12 24 56.2 -2.0
B35A	Bob, Littlefor baz=134,SNR=15	45.37 331	P	P	12 24 56.8 -1.3
J30A	Dallas baz=123,SNR=38	45.39 322	P	P	12 24 57.3 -1.1
H31A	Wolsey baz=125,SNR=27	45.43 323	P	P	12 24 57.8 -1.0
C34A	RKU Ranch, Bem baz=132,SNR=12	45.47 329	P	P	12 24 57.4 -1.5
M28A	Bar X Bar Ranc baz=120,SNR=9.2	45.57 318	P	P	12 24 58.6 -1.4
D33A	AnnSam, Waubun baz=130	45.61 328	P	P	12 24 58.8 -1.4
I30A	Oacoma baz=124,SNR=140	45.68 322	P	P	12 24 59.7 -1.0
SUSD	Miller baz=125,SNR=26	45.69 323	P	P	12 24 60.0 -0.8
G31A	Conde baz=126,SNR=15	45.72 324	P	P	12 25 00.0 -0.9
OGNE	Ogallala baz=119,SNR=9.6	45.79 317	P	P	12 25 00.2 -1.5
OGNE	Ogallala baz=119	45.79 317	eP	P	12 25 00.4 -1.3
T25A	Trinidad baz=113,SNR=19	45.80 311	P	P	12 25 01.1 -0.9
T25A	Trinidad baz=113	45.80 311	eP	P	12 25 01.3 -0.7
B34A	Bran, Kindr baz=129	45.91 327	P	P	12 25 01.4 -1.1
J29A	Okreek baz=123,SNR=60	45.95 321	P	P	12 25 01.7 -1.1
C33A	Trail baz=131	45.98 329	P	P	12 25 01.2 -1.7
F31A	Hecla baz=127,SNR=68	46.12 325	P	P	12 25 03.2 -0.9
G30A	Faulton baz=125,SNR=19	46.20 324	P	P	12 25 03.8 -1.0
B33A	Robert and Kas baz=132,SNR=12	46.22 329	P	P	12 25 03.2 -1.6
D32A	Dogwood Acres, baz=129	46.22 327	P	P	12 25 03.5 -1.4
K28A	Ten Mile Ranch baz=121,SNR=43	46.23 320	P	P	12 25 03.5 -1.6
I29A	Vivian Onida baz=123,SNR=27	46.26 322	P	P	12 25 04.1 -1.1
E31A	Nome baz=128,SNR=11	46.34 326	P	P	12 25 04.6 -1.2
AGMN	Agassiz Nation baz=131,SNR=31	46.38 329	P	P	12 25 04.7 -1.3
AGMN	Agassiz Nation baz=131	46.38 329	eP	P	12 25 04.8 -1.3
AGMN	Agassiz Nation comp=Z,98nm,1.0s	46.38 329	eP	pP	12 25 43.4 +2.6
C32A	Crookston baz=130	46.41 328	P	P	12 25 05.2 -1.1
BNM	Barren Site	46.44 307	eP	P	12 25 07.4 +0.4
BNM	Barren Site	46.44 307	eP	pP	12 25 44.1 +2.3
LPM	Los Pinos Moun	46.49 307	eP	pP	12 25 07.7 +0.3

LPM	Allard Ranch, baz=122,SNR=21	46.52 321	eP	pP	12 26 40.0 +0.6
J28A	Leola baz=126	46.54 325	P	P	12 25 06.4 -1.0
H29A	Onida baz=124,SNR=40	46.54 323	P	P	12 25 06.6 -0.9
D31A	Mccaffrin, Tow baz=128	46.55 327	P	P	12 25 06.3 -1.1
ANMO	Albuquerque comp=Z,32nm,0.9s,baz=117,slow=8.1,SNR=110	46.56 308	P	P	12 25 07.8 -0.2
ANMO	Albuquerque comp=Z,17nm,0.8s,baz=125,slow=6.4,SNR=10	46.56 308	eP	pP	12 26 39.9 +0.2
ANMO	Albuquerque comp=Z,3.8nm,1.0s,baz=131,slow=1.1,SNR=4	46.56 308	P	P	12 25 17.1 -1.6
ANMO	Albuquerque baz=109	46.56 308	P	P	12 25 08.2 +0.2
ANMO	Albuquerque comp=Z,69nm,1.2s	46.56 308	eP	pP	12 25 18.0 -0.7
ANMO	Albuquerque comp=Z,69nm,1.1s	46.56 308	eP	pP	12 25 07.8 -0.2
ANMO	Albuquerque	46.56 308	eP	pP	12 25 44.4 +1.6
ANMO	Albuquerque	46.56 308	eP	pP	12 26 39.9 +0.2
ANMO	Albuquerque	46.56 308	eP	pP	12 26 18.4 +0.4
ANMO	Albuquerque	46.56 308	eP	pP	12 25 08.0 0.0
A33A	Warrod baz=132,SNR=22	46.57 330	P	P	12 25 06.3 -1.3
G29A	Hoven baz=124,SNR=16	46.69 323	P	P	12 25 07.3 -1.2
I28A	Midland baz=122,SNR=31	46.78 321	P	P	12 25 08.2 -1.1
I28A	Midland	46.78 321	P	P	12 25 19.1 -0.2
B32A	Ashes, Strandg baz=131,SNR=13	46.78 329	P	P	12 25 07.8 -1.4
B32A	Ashes, Strandg	46.78 329	P	P	12 25 17.8 -1.3
SDCO	Great Sand Dun baz=113,SNR=39	46.84 312	P	P	12 25 09.4 -0.8
SDCO	Great Sand Dun	46.84 312	P	P	12 25 19.2 -0.7
SDCO	Great Sand Dun	46.84 312	eP	P	12 25 09.4 -0.8
SDCO	Great Sand Dun	46.84 312	eP	pP	12 26 40.6 -0.1
E30A	Jud baz=126,SNR=25	46.87 325	P	P	12 25 09.0 -0.9
E30A	Jud	46.87 325	P	P	12 25 19.1 -0.4
121A	Cookes Peak, D baz=106,SNR=74	46.88 304	P	P	12 25 11.2 +0.8
121A	Cookes Peak, D	46.88 304	P	P	12 25 19.7 -0.4
J27A	Elkhorn Farm, baz=121,SNR=12	46.91 320	P	P	12 25 09.1 -1.3
J27A	Elkhorn Farm,	46.91 320	P	P	12 25 18.9 -1.0
LAZ	Ladron	46.92 307	eP	pP	12 25 11.0 +0.2
F29A	Eureka baz=125,SNR=9.9	46.99 324	P	P	12 26 15.5 +0.6
C31A	Landman Farms, baz=129,SNR=18	47.02 328	P	P	12 25 10.0 -1.0
C31A	Landman Farms,	47.02 328	P	P	12 25 09.7 -1.3
SLBS	Sierra La Lagu comp=Z,85nm,1.2s	47.03 292	eP	P	12 25 12.7 +1.1
H28A	Mission Ridge baz=123,SNR=89	47.05 322	P	P	12 25 10.7 -0.7
H28A	Mission Ridge	47.05 322	P	P	12 25 19.3 -1.0
Q24A	Divide baz=114,SNR=8.1	47.06 313	P	P	12 25 10.7 -1.3
A32A	Rocking H Ranc baz=131,SNR=9.7	47.10 329	P	P	12

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FURC	Furnace Creek, baz=103,SNR=34	55.12	307	P	P	12 26 12.3 +0.6
FURC				ScP	ScP	12 30 56.0 +0.8
PCAS	baz=103 Casimio, Conde comp=Z,44nm,1.9s	55.14	49	eP	P	12 26 13.6 +1.8
HLID	Hailey baz=109,SNR=73	55.24	316	P	P	12 26 12.5 -0.1
HLID				ScP	ScP	12 30 55.5 -0.5
HLID	Hailey baz=109 comp=Z,43nm,0.9s	55.24	316	eP	P	12 26 12.1 -0.6
BFSC	Mount Baldy Ra baz=100,SNR=5.2	55.31	304	P	P	12 26 12.9 -0.4
BFSC				ScP	ScP	12 30 55.2 -1.1
PESTR	Estremoz comp=Z,37nm,1.5s	55.51	50	eP	P	12 26 16.6 +2.1
PMSC	Manuel Prospec baz=102,SNR=17	55.53	306	P	P	12 26 14.7 -0.2
MPMC				ScP	ScP	12 30 56.8 -0.6
LRMC	Laurel Mtn Rad baz=101,SNR=13	55.56	305	P	P	12 26 15.0 0.0
GRAC	Grapevine Rang baz=103,SNR=10	55.63	307	P	P	12 26 15.8 +0.4
MWC	Mount Wilson comp=Z,33nm,1.1s	55.63	304	eP	P	12 26 15.7 0.0
MWC	Mount Wilson comp=Z,33nm,1.1s	55.63	304	eP	P	12 26 15.7 0.0
MWC				pmx	pmx	
CHMT	Chamberlain Mfo comp=Z,23nm,1.1s	55.66	320	eP	P	12 26 15.1 -0.6
EDW2	Edwards Air Fo baz=101,SNR=16	55.70	305	P	P	12 26 15.9 0.0
EDW2				ScP	ScP	12 30 57.7 -0.3
PASC	Pasadena Art C comp=Z,23nm,1.0s	55.73	304	eP	P	12 26 16.5 +0.4
FMO	Fort Macarthur baz=100	55.74	303	P	P	12 26 16.2 +0.1
PVIS	Visu comp=Z,34nm,1.2s	55.76	48	eP	P	12 26 17.5 +1.2
PBAR	Barrancos comp=Z,54nm,1.6s	55.76	51	eP	P	12 26 18.6 +2.3
CIS	Catalina Islan baz=100,SNR=8.5	55.79	303	P	P	12 26 16.8 +0.3
PMRV	Marv??o comp=Z,29nm,1.6s	55.80	50	eP	P	12 26 18.1 +1.6
SC12	San Clemente I baz=99	55.83	302	P	P	12 26 17.0 +0.2
PCBR	Castelo Branco comp=Z,28nm,1.2s	55.84	49	eP	P	12 26 18.4 +1.6
PGAV	Gavireira, Arco comp=Z,52nm,1.9s	55.84	47	eP	P	12 26 18.3 +1.4
DECC	Green Verdugo baz=100	55.87	304	P	P	12 26 16.8 -0.3
MTE	Manteigas comp=Z,38nm,2.1s	55.93	49	eP	P	12 26 19.1 +1.6
MTE	Manteigas comp=Z,44nm,1.0s	55.93	49	eP	P	12 26 19.1 +1.6
PCAB	Cabril comp=Z,45nm,1.6s	55.94	47	eP	P	12 26 19.0 +1.5
SLMT	Seeley Lake comp=Z,40nm,1.0s	55.94	302	P	P	12 26 17.0 -0.6
POLO	Lamas de Olo comp=Z,31nm,1.0s	56.01	48	eP	P	12 26 19.6 +1.5
PVRL	Vila Real comp=Z,40nm,1.0s	56.04	48	eP	P	12 26 19.9 +1.6
MSO	Missoula baz=112,SNR=12	56.07	319	eP	P	12 26 17.7 -0.7
MSO	Missoula comp=Z,43nm,1.4s	56.07	319	eP	P	12 26 17.7 -0.7
SFJD	Kangerlussuaq comp=Z,152,slow=5,SNR=22	56.13	5	P	P	12 26 18.9 +0.5
SFJD	Kangerlussuaq comp=Z,14nm,0.8s	56.13	5	eP	P	12 26 18.8 +0.5
SFJD	Kangerlussuaq comp=Z,14nm,0.8s	56.13	5	eP	P	12 26 18.8 +0.5
SFJD				pmx	pmx	
MFID	Camas Ranch comp=Z,24nm,1.0s	56.17	315	eP	P	12 26 18.6 -0.7
ISA	Isabella, Lake baz=101	56.23	305	P	P	12 26 19.7 -0.1
OSI	Osito Audit: C baz=100	56.24	304	P	P	12 26 19.4 -0.5
OSI	Osito Audit: C comp=Z,23nm,0.9s	56.24	304	eP	P	12 26 20.0 +0.1
BMN	Battle Mountai comp=Z,23nm,0.8s	56.33	311	eP	P	12 26 19.9 -0.5
BMN				eP	eP	12 26 56.7 +0.2
BMN				eP	eP	12 27 16.0 +0.1
BMN				eP	eP	12 26 59.5 +1.3
BMN	Battle Mountai	56.33	311	eP	P	12 26 56.7 +0.2
BMN				e	e	12 27 16.0
BMN				pmx	pmx	
SWMT	Swartz Lake comp=Z,23nm,0.8s	56.36	320	eP	P	12 26 19.8 -0.7
SWMT				eP	eP	12 27 16.0 +0.1
ARVC	Arvin baz=100,SNR=15	56.42	305	P	P	12 26 21.1 +0.1
BLG	Laguna Peak, P baz=100	56.44	303	P	P	12 26 21.3 +0.1
MVO	Moncorvo comp=Z,51nm,1.7s	56.45	48	eP	P	12 26 23.5 +1.9
TIC	Toumoudi comp=Z,14nm,0.8s	56.52	89	eP	P	12 26 22.3 +0.2
NV11	Mina Array Sit comp=Z,33nm,0.9s	56.55	309	eP	P	12 26 21.7 -0.4
NV11				eP	eP	12 27 17.1 +0.2
NV11				eP	eP	12 26 22.5 0.0
LIC	Lamto comp=Z,13nm,0.4s	56.58	90	eP	P	12 26 22.5 0.0
JTMT	Jette comp=Z,24nm,0.7s, baz=140,slow=4.6,SNR=22	56.63	320	eP	P	12 26 21.8 -0.6
JTMT				eP	eP	12 26 16.9 0.0
MTUM	Tungsten Hills comp=Z,23nm,0.8s	56.64	307	eP	P	12 26 23.1 +0.3
MTUM				eP	eP	12 26 59.2 +0.4
MTUM				eP	eP	12 27 17.5 +0.3
NV01	Mina Array Sit comp=Z,33nm,0.9s	56.66	309	eP	P	12 26 22.3 -0.6
NV01				eP	eP	12 27 18.1 +0.7
NV01				eP	eP	12 21 01.6 -0.7
NV01				eP	eP	12 26 22.3 -0.6
NVAR	Mina Array Bea comp=Z,9.9nm,0.7s, baz=96,slow=6.6,SNR=83	56.66	309	eP	P	12 27 18.1 +0.7
NVAR				eP	eP	12 27 59.1 -3.2
NVAR				ScP	ScP	12 30 56.1
NVAR				LR	LR	12 26 56.1
DBIC	Dimbokro comp=Z,88nm,18.1s, baz=100,slow=43	56.68	89	P	P	12 26 23.6 +0.5
DBIC	Dimbokro comp=Z,8.6nm,0.5s, baz=269,slow=6.0,SNR=25	56.68	89	eP	P	12 26 23.6 +0.5
DBIC	Dimbokro comp=Z,12nm,0.6s	56.68	89	eP	P	12 26 23.6 +0.5
DBIC	Dimbokro comp=Z,13nm,0.6s	56.68	89	eP	P	12 26 23.6 +0.5
SNCC	San Nicolas Is baz=99	56.68	302	P	P	12 26 22.8 -0.1
VES	Vestral, Richgr baz=101,SNR=20	56.75	305	P	P	12 26 23.6 +0.3
KIC	Kosan Boka comp=Z,47nm,0.9s	56.84	90	eP	P	12 26 24.5 +0.2
SCZ2	Santa Cruz Isl baz=99	56.88	303	P	P	12 26 23.8 -0.5
PBRG	Braganca comp=Z,32nm,2.0s	56.89	47	eP	P	12 26 26.3 +2.0
WALA	Waterton Lakes comp=Z,23nm,0.8s	56.90	322	eP	P	12 26 23.2 -1.1
WALA				eP	eP	12 27 18.4 +0.4
MLAC	Mammoth, Mammo baz=102	56.91	308	P	P	12 26 24.8 +0.1
RCTC	Reactor, Farmer baz=101,SNR=5.5	56.97	306	P	P	12 26 24.6 -0.2
BSMT	Bassoo Peak comp=Z,24nm,0.7s, baz=140,slow=4.6,SNR=22	56.98	320	eP	P	12 26 24.4 -0.6
BSMT				eP	eP	12 27 18.1 -0.1
PKM	Mpherson Peak baz=100,SNR=10	57.18	304	P	P	12 26 26.6 0.0
SMMC	Simmer baz=100,SNR=7.2	57.39	305	P	P	12 26 28.2 +0.4
WAKR	Walker comp=Z,23nm,0.8s	57.55	309	eP	P	12 26 29.3 +0.2
WAKR				eP	eP	12 27 22.1 -0.3
BMO	Blue Mountains comp=Z,23nm,0.8s	57.62	316	eP	P	12 26 28.0 -1.4
BMO	Blue Mountains comp=Z,23nm,0.8s	57.62	316	eP	P	12 26 28.0 -1.4
WVOR	Wild Horse Val comp=Z,23nm,0.8s	57.87	313	eP	P	12 27 22.6 +0.7
WVOR				eP	eP	12 27 22.6
WVOR	Wild Horse Val comp=Z,23nm,0.8s	57.87	313	eP	P	12 26 30.2 -1.0
WVOR				eP	eP	12 27 22.6
F10A	Beach Ranch, E comp=Z,23nm,1.1s	57.91	318	eP	P	12 26 29.9 -1.5
PAB	San Pablo comp=Z,15nm,0.8s	58.12	50	eP	P	12 26 34.6 +1.7

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PAB	comp=Z,15nm,0.8s	58.12	50	eP	P	12 26 34.6 +1.7
PAB				pmx	pmx	
ILULI	comp=Z,15nm,0.8s	58.26	5	iP	P	12 26 33.7 +0.5
ILULI	Ilulissat comp=Z,149nm,0.7s	58.26	5	iP	P	12 26 33.7 +0.5
EDM	Edmonton comp=Z,150nm,0.7s	58.31	327	eP	P	12 26 32.6 -1.4
EDM	Edmonton comp=Z,46nm,0.6s	58.31	327	eP	P	12 26 32.6 -1.4
EDM				eP	eP	12 31 08.2 -0.8
EDM				ScP	ScP	12 32 36.2 -1.4
EDM				pmx	pmx	
LRV	Little Rabbit comp=Z,46nm,0.6s	58.40	306	eP	P	12 26 35.1 +0.3
ESDC	Sonsec Array comp=Z,12nm,0.7s, baz=264,slow=7.5,SNR=69	58.43	50	P	P	12 26 36.5 +1.5
ESDC				ScP	ScP	12 31 08.5 -1.5
ESLA	Sonsec Array comp=Z,0.4nm,0.3s, baz=268,slow=4.8,SNR=7.0	58.43	50	eP	P	12 26 37.0 +2.0
ES19	SONSECA Array comp=Z,18nm,0.8s	58.49	50	eP	P	12 26 36.9 +1.4
NEW	Newport comp=Z,29nm,0.7s, baz=123,slow=6.1,SNR=134	58.59	320	P	P	12 26 34.9 -1.1
NEW	Newport comp=Z,29nm,0.7s, baz=123,slow=6.1,SNR=134	58.59	320	P	P	12 26 35.0 -1.1
NEW	Newport baz=110,SNR=59	58.59	320	eP	P	12 26 34.9 -1.1
NEW	Newport comp=Z,29nm,0.8s	58.59	320	eP	P	12 26 34.9 -1.1
NEW	Newport	58.59	320	eP	P	12 26 34.9 -1.1
NEW				pmx	pmx	
SAO	comp=Z,79nm,0.8s	58.79	306	eP	P	12 26 37.8 +0.2
SAO	San Andreas Ge comp=Z,39nm,1.3s	58.79	306	eP	P	12 26 37.8 +0.2
SAO				eP	eP	12 27 26.0 +0.5
SAO				e	e	12 26 37.8 +0.2
SAO				pmx	pmx	12 27 26.0
AFDM	Forest Hills D comp=Z,39nm,1.3s	58.81	309	eP	P	12 26 37.6 -0.1
AFDM				eP	eP	12 27 25.8 +0.2
G08A	Pilot Rock comp=Z,31nm,1.5s	58.87	316	eP	P	12 26 37.1 -1.0
MOD	Modoc Plateau comp=Z,39nm,1.3s	59.47	312	eP	P	12 26 37.9 -0.8
MOD				eP	eP	12 27 26.3 +0.1
C09A	Chrisman Ranch comp=Z,62nm,1.1s	59.17	319	eP	P	12 26 39.0 -1.0
C09A				eP	eP	12 27 26.4 -0.5
ORV	Honcuit comp=Z,82nm,1.8s	59.28	309	eP	P	12 26 40.6 -0.2
ORV	Oroville comp=Z,82nm,1.8s	59.33	309	eP	P	12 26 40.8 -0.4
ORV				eP	eP	12 27 27.5 -0.1
ORV				eP	eP	12 27 27.2 0.4
ORV				eP	eP	12 27 27.5 -0.1
ORV				pmx	pmx	
D08A	Wollman Farm, comp=Z,82nm,1.8s	59.36	318	eP	P	12 26 40.4 -0.9
D08A				eP	eP	12 27 27.2 0.3
K06A	Summer Lake comp=Z,80nm,0.8s	59.56	313	eP	P	12 26 42.7 -0.3
HAWA	Hanford comp=Z,37nm,0.8s	59.57	317	eP	P	12 26 41.8 -1.0
HAWA				eP	eP	12 27 28.4 0.0
GBB	Gable Butte comp=Z,37nm,0.8s	59.69	318	P	P	12 26 42.8 -0.8
O03D	Paynes Creek baz=101,SNR=9.4	59.70	310	P	P	12 26 42.7 -1.1
E07A	Sunnyside comp=Z,39nm,0.8s	59.83	318	eP	P	12 26 43.9 -0.6
J05D	Fort Rock, OR baz=104,SNR=8.1	59.93	314	P	P	12 26 45.3 -0.1
G06A	Carlson Farm, comp=Z,61nm,1.8s	59.99	316	eP	P	12 26 45.8 +0.1
N5HM	Saint Helena R comp=Z,27nm,0.8s	59.99	308	eP	P	12 26 46.1 +0.3
B08A	Colville Reser comp=Z,27nm,0.8s	60.02	320	eP		

ISK 04 13:24:33.6, 38.90N, 35.92E, h3km, MD2.6
CSEM 04 13:24:34.6, 0.3, 38.86N, 35.87E, h2km, MD2.6, Error
ellipse: s-maj=10.8km, s-min=6.7km, az=23.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BNN Bunyan, CUSAR SARKISIA-SIVAS, SARIS SarDiz-Kayseri, etc.

IDC 04 13:25:35.8, 0.9, 32.93'S, 72.04W, h0km, mb3.8/4,
mb1.4/0.8, mb1mx3.9/22, mbtmp3.9/8, ML3.4/3, MS3.4/2,
Ms1.3/4.2, ms1mx3.0/29, Error ellipse: s-maj=32.3km
s-min=21.7km, az=87.0

GUC 04 13:25:37.9, 0.4, 33.12S, 72.16W, h25km, km, ML3.8
NEIC 04 13:25:38.0, 33.13S, 72.16W, h25km, ML3.7(GUC), After
GUC.

NEIC Felt [I] at Quiulpe and Vina del Mar.
SJA 04 13:25:48.4, 1.4, 32.74S, 71.38W, h20km, ML3.7
ISC 04 13:25:35.8, 1.8, 33.01S, 0.05E, 72.19W, 0.05, h4km, 1.1km,
n46, e1939/49, mb4.0/4.1D, Off coast of central Chile

Main table of seismic stations with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ROC1 Ei Roble, RCDM Rinconada Maip, PEL Peidehue, etc.

Table of seismic stations with columns: SWI, SJI, APSS, MPSS, FITZ, GUM, LEM, WRA, WRA, PMG, ASAR, CMAR, KSRS, STKA, USRK, SONM, MKAR, BVAR, AKTO, ARU, MAW, ASF, BRTR. Includes stations like Sorong, Ampapa, Manapa, Fitzroy Crossi, Guam, Lembang, Warramunga Arr, etc.

CSEM 04 13:34:57.3, 48.48N, 59.03E, h6km, mb3.7, Suspected
Mining explosion.
NNC 04 13:34:57.3, 2.1, 48.48N, 59.03E, h6km, gkm, mb3.7,
mpv3.0, 6C-8D, Error ellipse: s-maj=10.3km
s-min=10.2km, az=172.0, Suspected Mining explosion.,
Western Kazakhstan

Table of seismic stations with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AB31 Aktubinsk array, AB31 Aktubinsk, AKTO Aktubinsk, etc.

IDC 04 13:38:18.1, 1.1, 41.66N, 19.43E, h0km, mb3.7/9,
mb1.3/9/13, mb1mx3.7/39, mbtmp3.7/13, ML3.2/4, Error
ellipse: s-maj=16.6km, s-min=11.7km, az=3.0
BEO 04 13:38:19.5, 0.4, 41.72N, 19.44E, h0km, M3.4/1
PRU 04 13:38:20.1, 4.1, 41.77N, 19.48E, h0km
CSEM 04 13:38:20.0, 0.2, 41.82N, 19.45E, h2km, ML3.5, Error
ellipse: s-maj=3.8km, s-min=2.6km, az=43.0
PDG 04 13:38:20.0, 2.1, 41.85N, 19.47E, h12km, MD3.5/13,
ML3.5/12, Error ellipse: s-maj=0.2km, s-min=0.2km, az=0.0
ISCJB 04 13:38:20.0, 4.1, 41.85N, 0.02, 19.41E, 0.02, h11km, 2km,
mb3.6/7, Error ellipse: s-maj=3.3km, s-min=2.4km,
az=137.5

THE 04 13:38:21.0, 41.80N, 19.38E, h4km, gkm, ML3.3/3, Error
ellipse: s-maj=10.5km, s-min=1.3km, az=316.0
ISC 04 13:38:19.8, 1.0, 41.80N, 0.02, 19.49E, 0.02, h6km, 7km,
n1178, e1929/259, mb3.7/7, 32C-31D, Albania

Table of seismic stations with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ULC Ulcinj, DRME Dracevica, PDG Podgorica, etc.

Table of seismic stations with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HCY HCY, NKME Niksic, NKME Niksic, etc.

USRK	comp=Z,884nm,1.4s	36.02 48 P	P	14 00 38.1 -1.0
USRK	comp=Z,242nm,1.1s,baz=281,slow=7.5,SNR=108	PcP	PcP	14 03 03.5 -0.3
USRK	comp=Z,13nm,0.5s,baz=281,slow=3.6,SNR=8.6	ScP	ScP	14 06 40.8 -1.6
USRK	comp=Z,9.9nm,0.8s,baz=226,slow=5.2,SNR=3.9	PKIKP	PKIKP	14 10 22.7 -0.7
USRK	comp=Z,5.8nm,0.7s,baz=15,slow=1.0,SNR=6.6	LR	LR	14 16 18.6
USRK	comp=Z,8µm,21.8s,baz=245,slow=38	LR	LR	14 31 16.7
USRK	comp=Z,1.4nm,0.6s,baz=72,slow=6.2,SNR=4.1	P3KPbc	P3KPbc	14 00 42.6 +1.7
SJI	Sawahan	36.19 151 P	P	14 00 41.5 -0.1
Gorontalo	36.28 127 P	P	P	14 00 44.3 +1.7
Ampana	36.39 130 P	P	P	14 00 42.5 -0.6
West Island	36.76 177nm,1.0s,comp=Z,1.1µm,SNR=8.3	eP	eP	14 03 05.4 -0.1
Christmas Isla	36.47 162 eP	P	P	14 00 45.1 +2.5
comp=Z,967nm,0.9s				14 00 45.1 +1.0
Majene	36.51 137 P	P	P	14 00 45.0 +0.8
comp=Z,2µm,1.1s,comp=Z,20µm				14 03 05.0 -0.5
Akbulak array	36.62 321 P	P	P	14 06 44.5 +0.2
comp=Z,639nm,1.3s				14 00 47.5 +3.0
Akbulak array	36.62 321 eP	P	P	14 00 44.4 -0.1
comp=Z,3µm,1.2s,comp=Z,30µm				14 03 06.8 +0.9
West Island	36.63 177 eP	P	P	14 00 46.7 +2.2
Tana Toraja	36.74 135 P	P	P	14 00 47.5 +0.1
Shalim	36.93 268 P	P	P	14 00 48.5 +1.3
SNR=9.2				14 00 50.3 +0.2
Shalim	36.93 268 P	P	P	14 00 48.5 +1.3
SNR=9.2				14 06 31.9 +0.7
Luwuk	37.27 129 eP	P	P	14 06 47.5 +0.1
comp=Z,5µm,1.8s				14 00 54.4 -0.8
Inuyama	37.91 64 eP	P	P	14 06 39.9 -0.7
comp=Z,643nm,1.2s				14 00 54.4 -1.3
Jajag, Banyuwa	37.94 148 eP	P	P	14 03 08.0 -2.1
comp=Z,3µm,1.7s				14 06 41.3 -0.1
Kappang	38.21 137 eP	P	P	14 06 51.4 +1.4
comp=Z,39nm,0.7s,baz=290,slow=4.4,SNR=8.3				14 06 50.2 -0.8
Kappang	38.21 137 ScP	ScP	ScP	14 10 25.7 -0.2
comp=Z,12nm,0.9s,baz=117,slow=7.0,SNR=3.5				14 19 06.7
Kappang	38.21 137 P	P	P	14 00 59.0 +1.1
comp=Z,10µm,20.2s,baz=321,slow=40				14 00 59.1 +1.2
Kappang	38.21 137 P	P	P	14 00 59.1 +1.2
comp=Z,2µm,0.6s,SNR=18				14 00 58.4 +0.5
Kappang	38.21 137 eP	P	P	14 03 11.9 +1.0
comp=Z,2µm,1.9s				14 06 45.7 +0.3
Aktuybinsk	38.28 322 P	P	P	14 06 52.4 +1.4
comp=Z,202nm,1.0s,baz=118,slow=7.9,SNR=302				14 10 25.7 -0.2
Aktuybinsk	38.28 322 P	P	P	14 00 59.0 +1.1
comp=Z,167nm,0.9s,baz=154,slow=4.3,SNR=4.4				14 03 11.2 +0.6
Aktuybinsk	38.28 322 P	P	P	14 06 49.7 -1.0
comp=Z,354nm,0.9s,baz=111,slow=4.8,SNR=7.9				14 19 20.3
Aktuybinsk	38.28 322 P	P	P	14 31 07.6
comp=Z,9µm,20.9s,baz=109,slow=40				14 01 00.7 +1.3
Aktuybinsk	38.28 322 P	P	P	14 01 00.7 +1.3
comp=Z,4.5nm,0.6s,baz=308,slow=4.4,SNR=19				14 01 17.4 +1.8
Aktuybinsk	38.28 322 P	P	P	14 01 17.8 +1.8
comp=Z,2µm,0.6s,SNR=36				14 01 17.8 +1.8
Aktuybinsk	38.28 322 P	P	P	14 00 60.0 -0.7
comp=Z,2µm,1.9s				14 03 11.5 -0.3
Aktuybinsk	38.28 322 P	P	P	14 01 00.7 +0.1
comp=Z,2µm,1.9s				14 01 00.7 -1.0
Aktuybinsk	38.28 322 P	P	P	14 01 01.1 -0.7
comp=Z,8.9,slow=12,SNR=17				14 01 01.0 -0.8
Aktuybinsk	38.28 322 P	P	P	14 01 04.4 +1.3
comp=Z,8.9,slow=12,SNR=17				14 01 20.4 -3.1
Aktuybinsk	38.28 322 P	P	P	14 02 35.2
comp=Z,278nm,0.8s				14 03 13.3
Aktuybinsk	38.28 322 P	P	P	14 06 56.3 +1.6
comp=Z,594nm,1.2s				14 01 04.4 +1.3
Aktuybinsk	38.28 322 P	P	P	14 02 20.4 -3.1
comp=E,409nm,1.1s				14 03 13.3
Aktuybinsk	38.28 322 P	P	P	14 06 56.3 +1.6
comp=N,308nm,1.0s				14 01 04.4 +1.3
Aktuybinsk	38.28 322 P	P	P	14 01 20.4 -3.1
comp=N,147nm,1.1s				14 02 35.2
Aktuybinsk	38.28 322 P	P	P	14 03 13.3
comp=Z,56nm,0.9s				14 06 56.3 +1.6
Aktuybinsk	38.28 322 P	P	P	14 01 04.4 +1.3
comp=E,73nm,1.1s				14 01 20.4 -3.1
Aktuybinsk	38.28 322 P	P	P	14 02 35.2
comp=N,408nm,9.8s				14 03 13.3
Aktuybinsk	38.28 322 P	P	P	14 06 56.3 +1.6
comp=E,5µm,11.0s				14 01 04.4 +1.3
Aktuybinsk	38.28 322 P	P	P	14 01 20.4 -3.1
comp=N,4µm,10.0s				14 02 35.2
Aktuybinsk	38.28 322 P	P	P	14 03 13.3
comp=Z,6µm,13.0s				14 06 56.3 +1.6
Aktuybinsk	38.28 322 P	P	P	14 01 04.4 +1.3
comp=E,6µm,13.0s				14 01 20.4 -3.1
Aktuybinsk	38.28 322 P	P	P	14 02 35.2
comp=Z,9µm,19.8s,baz=260,slow=38				14 03 13.3
Aktuybinsk	38.28 322 P	P	P	14 06 56.3 +1.6
comp=Z,9µm,19.8s,baz=260,slow=38				14 01 04.4 +1.3
Aktuybinsk	38.28 322 P	P	P	14 01 20.4 -3.1
comp=Z,2µm,1.4s				14 02 35.2
Aktuybinsk	38.28 322 P	P	P	14 03 13.3
comp=Z,2µm,1.4s				14 06 56.3 +1.6
Aktuybinsk	38.28 322 P	P	P	14 01 04.4 +1.3
comp=Z,2µm,1.4s				14 01 20.4 -3.1
Aktuybinsk	38.28 322 P	P	P	14 02 35.2
comp=Z,2µm,1.4s				14 03 13.3
Aktuybinsk	38.28 322 P	P	P	14 06 56.3 +1.6
comp=Z,2µm,1.4s				14 01 04.4 +1.3
Aktuybinsk	38.28 322 P	P	P	14 01 20.4 -3.1
comp=Z,2µm,1.4s				14 02 35.2
Aktuybinsk	38.28 322 P	P	P	14 03 13.3
comp=Z,2µm,1.4s				14 06 56.3 +1.6
Aktuybinsk	38.28 322 P	P	P	14 01 04.4 +1.3
comp=Z,2µm,1.4s				14 01 20.4 -3.1
Aktuybinsk	38.28 322 P	P	P	14 02 35.2
comp=Z,2µm,1.4s				14 03 13.3
Aktuybinsk	38.28 322 P	P	P	14 06 56.3 +1.6
comp=Z,2µm,1.4s				14 01 04.4 +1.3
Aktuybinsk	38.28 322 P	P	P	14 01 20.4 -3.1
comp=Z,2µm,1.4s				14 02 35.2
Aktuybinsk	38.28 322 P	P	P	14 03 13.3
comp=Z,2µm,1.4s				14 06 56.3 +1.6
Aktuybinsk	38.28 322 P	P	P	14 01 04.4 +1.3
comp=Z,2µm,1.4s				14 01 20.4 -3.1
Aktuybinsk	38.28 322 P	P	P	14 02 35.2
comp=Z,2µm,1.4s				14 03 13.3
Aktuybinsk	38.28 322 P	P	P	14 06 56.3 +1.6
comp=Z,2µm,1.4s				14 01 04.4 +1.3
Aktuybinsk	38.28 322 P	P	P	14 01 20.4 -3.1
comp=Z,2µm,1.4s				14 02 35.2
Aktuybinsk	38.28 322 P	P	P	14 03 13.3
comp=Z,2µm,1.4s				14 06 56.3 +1.6
Aktuybinsk	38.28 322 P	P	P	14 01 04.4 +1.3
comp=Z,2µm,1.4s				14 01 20.4 -3.1
Aktuybinsk	38.28 322 P	P	P	14 02 35.2
comp=Z,2µm,1.4s				14 03 13.3
Aktuybinsk	38.28 322 P	P	P	14 06 56.3 +1.6
comp=Z,2µm,1.4s				14 01 04.4 +1.3
Aktuybinsk	38.28 322 P	P	P	14 01 20.4 -3.1
comp=Z,2µm,1.4s				14 02 35.2
Aktuybinsk	38.28 322 P	P	P	14 03 13.3
comp=Z,2µm,1.4s				14 06 56.3 +1.6
Aktuybinsk	38.28 322 P	P	P	14 01 04.4 +1.3
comp=Z,2µm,1.4s				14 01 20.4 -3.1
Aktuybinsk	38.28 322 P	P	P	14 02 35.2
comp=Z,2µm,1.4s				14 03 13.3
Aktuybinsk	38.28 322 P	P	P	14 06 56.3 +1.6
comp=Z,2µm,1.4s				14 01 04.4 +1.3
Aktuybinsk	38.28 322 P	P	P	14 01 20.4 -3.1
comp=Z,2µm,1.4s				14 02 35.2
Aktuybinsk	38.28 322 P	P	P	14 03 13.3
comp=Z,2µm,1.4s				14 06 56.3 +1.6
Aktuybinsk	38.28 322 P	P	P	14 01 04.4 +1.3
comp=Z,2µm,1.4s				14 01 20.4 -3.1
Aktuybinsk	38.28 322 P	P	P	14 02 35.2
comp=Z,2µm,1.4s				14 03 13.3
Aktuybinsk	38.28 322 P	P	P	14 06 56.3 +1.6
comp=Z,2µm,1.4s				14 01 04.4 +1.3
Aktuybinsk	38.28 322 P	P	P	14 01 20.4 -3.1
comp=Z,2µm,1.4s				14 02 35.2
Aktuybinsk	38.28 322 P	P	P	14 03 13.3
comp=Z,2µm,1.4s				14 06 56.3 +1.6
Aktuybinsk	38.28 322 P	P	P	14 01 04.4 +1.3
comp=Z,2µm,1.4s				14 01 20.4 -3.1
Aktuybinsk	38.28 322 P	P	P	14 02 35.2
comp=Z,2µm,1.4s				14 03 13.3
Aktuybinsk	38.28 322 P	P	P	14 06 56.3 +1.6
comp=Z,2µm,1.4s				14 01 04.4 +1.3
Aktuybinsk	38.28 322 P	P	P	14 01 20.4 -3.1
comp=Z,2µm,1.4s				14 02 35.2
Aktuybinsk	38.28 322 P	P	P	14 03 13.3
comp=Z,2µm,1.4s				14 06 56.3 +1.6
Aktuybinsk	38.28 322 P	P	P	14 01 04.4 +1.3
comp=Z,2µm,1.4s				14 01 20.4 -3.1
Aktuybinsk	38.28 322 P	P	P	14 02 35.2
comp=Z,2µm,1.4s				14 03 13.3
Aktuybinsk	38.28 322 P	P	P	14 06 56.3 +1.6
comp=Z,2µm,1.4s				14 01 04.4 +1.3
Aktuybinsk	38.28 322 P	P	P	14 01 20.4 -3.1
comp=Z,2µm,1.4s				14 02 35.2
Aktuybinsk	38.28 322 P	P	P	14 03 13.3
comp=Z,2µm,1.4s				14 06 56.3 +1.6
Aktuybinsk	38.28 322 P	P	P	14 01 04.4 +1.3
comp=Z,2µm,1.4s				14 01 20.4 -3.1
Aktuybinsk	38.28 322 P	P	P	14 02 35.2
comp=Z,2µm,1.4s				14 03 13.3
Aktuybinsk	38.28 322 P	P	P	14 06 56.3 +1.6
comp=Z,2µm,1.4s				14 01 04.4 +1.3
Aktuybinsk	38.28 322 P	P	P	14 01 20.4 -3.1
comp=Z,2µm,1.4s				14 02 35.2
Aktuybinsk	38.28 322 P	P	P	14 03 13.3
comp=Z,2µm,1.4s				14 06 56.3 +1.6
Aktuybinsk	38.28 322 P	P	P	14 01 04.4 +1.3
comp=Z,2µm,1.4s				14 01 20.4 -3.1
Aktuybinsk	38.28 322 P	P	P	14 02 35.2
comp=Z,2µm,1.4s				14 03 13.3
Aktuybinsk	38.28 322 P	P	P	14 06 56.3 +1.6
comp=Z,2µm,1.4s				14 01 04.4 +1.3
Aktuybinsk	38.28 322 P	P	P	14 01 20.4 -3.1
comp=Z,2µm,1.4s				14 02 35.2
Aktuybinsk	38.28 322 P	P	P	14 03 13.3
comp=Z,2µm,1.4s				14 06 56.3 +1.6
Aktuybinsk	38.28 322 P	P	P	14 01 04.4 +1.3
comp=Z,2µm,1.4s				14 01 20.4 -3.1
Aktuybinsk	38.28 322 P	P	P	14 02 35.2
comp=Z,2µm,1.4s				14 03 13.3
Aktuybinsk	38.28 322 P	P	P	14 06 56.3 +1.6
comp=Z,2µm,1.4s				14 01 04.4 +1.3
Aktuybinsk	38.28 322 P	P	P	14 01 20.4 -3.1
comp=Z,2µm,1.4s				14 02 35.2
Aktuybinsk	38.28 322 P	P	P	14 03 13.3
comp=Z,2µm,1.4s				14 06 56.3 +1.6
Aktuybinsk	38.28 322 P	P	P	14 01 04.4 +1.3
comp=Z,2µm,1.4s				14 01 20.4 -3.1
Aktuybinsk	38.28 322 P	P	P	14 02 35.2
comp=Z,2µm,1.4s				14 03 13.3
Aktuybinsk	38.28 322 P	P	P	14 06 56.3 +1.6
comp=Z,2µm,1.4s				14 01 04.4 +1.3
Aktuybinsk	38.28 322 P	P	P	14 01 20.4 -3.1
comp=Z,2µm,1.4s				14 02 35.2
Aktuybinsk	38.28 322 P	P	P	14 03 13.3
comp=Z,2µm,1.4s				14 06 56.3 +1.6
Aktuybinsk	38.28 322 P	P	P	14 01 04.4 +1.3
comp=Z,2µm,1.4s				14 01 20.4 -3.1
Aktuybinsk	38.28 322 P	P	P	14 02 35.2
comp=Z,2µm,1.4s				14 03 13.3
Aktuybinsk	38.28 322 P	P	P	14 06 56.3 +1.6
comp=Z,2µm,1.4s				

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KUR, ECAT, MARD, BOGL, KOPD, MAZI, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like HWQ, BRBR, MBWA, MOS, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like CSS, Mathiatis, ANTO, etc.

4d 13h

Table with columns: ILLAR, Eielson Array, 79.12 23 P, P, 14 05 41.1 0.0, comp=Z,556nm,0.9s,baz=303,slow=7.7,SNR=715

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Table with columns: PESTR Estremoz, 83.85 310 eP, P, 14 06 07.0 +0.4, comp=Z,227nm,1.5s

180

Table with columns: PMOZ Porto Moniz, 93.60 308 eP, P, 14 06 54.7 +1.3, comp=Z,711nm,1.3s

Table with columns: ID, Name, Date, Time, Status, and other details. Includes entries like Wollman Farm, Sunnyside, Hanford, etc.

Table with columns: ID, Name, Date, Time, Status, and other details. Includes entries like Fairfield, Aery, Baudette, AGMN, Agassiz Nation, etc.

Table with columns: ID, Name, Date, Time, Status, and other details. Includes entries like Auburn Hatcher, Hecla, Peaks-Kenny Pk, etc.

4d 13h

H36A	baz=90,slow=2.5,SNR=4.9	Jessenland, He	110.70	7	Pdiff	Pdiff	14 08 09.9 +0.4
NVL	baz=352	N'azarevskaya	110.70	201	ePKIKP	PKIKP	14 12 11.0 +2.8
NVL	comp=Z,23nm,0.6s				PKIKP	PKIKP	
J28A	baz=345	Allard Ranch,	110.73	12	Pdiff	Pdiff	14 08 10.0 +0.2
SADO	110.73 355	Sadowa	110.73	355	Pdiff	Pdiff	14 08 10.6 +1.0
SADO	comp=Z,9.3nm,0.8s,ba=324,slow=1.8,SNR=2				PKIKP	PKIKP	14 12 09.5 +0.3
SADO	comp=Z,4.4nm,0.7s,ba=2.1,slow=2.2,SNR=21				PKIKP	PKIKP	14 23 06.7 -2.0
J27A	baz=344	Elkhorn Farm,	110.74	13	Pdiff	Pdiff	14 08 09.5 -0.3
I32A	baz=341	Karley and Nic	110.79	9	Pdiff	Pdiff	14 08 09.5 -0.5
H37A	baz=353	Dierke Farm, C	110.79	6	Pdiff	Pdiff	14 08 09.7 -0.2
I33A	baz=349	Coleman	110.87	9	Pdiff	Pdiff	14 08 10.0 -0.3
GLMI	110.90 360	Grayling	110.90	360	ePKP	PKIKP	14 12 08.8 -0.8
J29A	comp=Z,4um,21.0s	Okreek	110.92	12	Pdiff	Pdiff	14 08 10.5 -0.1
HNH	110.98 350	Hanover	110.98	350	ePKP	PKIKP	14 12 07.0 -2.7
I34A	111.00 8	Hadley	111.00	8	Pdiff	Pdiff	14 08 10.1 -0.8
NLU	111.07 22	North Lily Min	111.07	22	ePKP	PKIKP	14 12 08.8 -1.5
J30A	111.15 11	Dallas	111.15	11	Pdiff	Pdiff	14 08 11.0 -0.6
MPU	111.17 21	Maple Canyon	111.17	21	ePKP	PKIKP	14 12 08.3 -2.1
ECSD	111.20 9	EROS Data Cent	111.20	9	Pdiff	Pdiff	14 08 11.5 -0.3
ECSD	111.20 9	EROS Data Cent	111.20	9	ePKP	PKIKP	14 08 11.1 -0.7
ECSD	111.20 9	EROS Data Cent	111.20	9	ePKP	PKIKP	14 12 10.3 +0.1
R11A	111.22 25	Troy Canyon, C	111.22	25	Pdiff	Pdiff	14 08 12.4 +0.2
R11A	111.22 25	Troy Canyon, C	111.22	25	ePKP	PKIKP	14 08 11.2 -1.0
R11A	111.22 25	Troy Canyon, C	111.22	25	ePKP	PKIKP	14 12 10.5 -0.1
I36A	111.24 7	Fitzsimmons Fa	111.24	7	Pdiff	Pdiff	14 08 11.8 -0.2
H10S2	111.25 270	ASCENSION HYDR1	111.25	270	PKIKP	PKIKP	14 12 11.2 +0.6
H10S2	111.25 270	ASCENSION HYDR1	111.25	270	PKIKP	PKIKP	14 12 12.3 +1.7
TIN	111.25 28	Tinemaha, Big	111.25	28	Pdiff	Pdiff	14 08 12.6 +0.3
H10S3	111.27 270	ASCENSION HYDR1	111.27	270	PKIKP	PKIKP	14 12 11.8 +1.1
I35A	111.29 8	Creekvieq Farm	111.29	8	Pdiff	Pdiff	14 08 12.3 +0.1
I37A	111.31 6	Lemond, Waseca	111.31	6	Pdiff	Pdiff	14 08 12.1 -0.2
J31A	111.31 11	Geddes	111.31	11	Pdiff	Pdiff	14 08 12.3 0.0
J32A	111.37 10	Parkston	111.37	10	Pdiff	Pdiff	14 08 12.2 -0.3
I38A	111.38 5	Scanlan Farm,	111.38	5	Pdiff	Pdiff	14 08 12.2 -0.4
K28A	111.39 13	Ten Mile Ranch	111.39	13	Pdiff	Pdiff	14 08 13.0 +0.3
RCTC	111.44 29	Rector, Farmer	111.44	29	Pdiff	Pdiff	14 08 13.4 +0.4
K29A	111.54 12	Lazy Trails An	111.54	12	Pdiff	Pdiff	14 08 13.4 0.0
J33A	111.56 9	Davis	111.56	9	PKIKP	PKIKP	14 12 10.1 -0.7
GRAC	111.67 27	Grapevine Rang	111.67	27	Pdiff	Pdiff	14 08 12.9 -1.1
J44A	111.73 8	George	111.73	8	Pdiff	Pdiff	14 08 13.7 -0.4
K30A	111.76 11	Basset	111.76	11	Pdiff	Pdiff	14 08 14.2 -0.2
PHWY	111.80 16	Pilot Hill	111.80	16	ePKP	PKIKP	14 08 14.5 -0.4
J36A	111.89 7	Seneca 1, Swea	111.89	7	Pdiff	Pdiff	14 08 14.3 -0.5
VES	111.90 29	Vestal, Richgr	111.90	29	Pdiff	Pdiff	14 08 15.1 +0.1
SMMC	111.93 30	Simmler	111.93	30	Pdiff	Pdiff	14 08 15.7 +0.5
SMMC	111.95 11	O'Neill	111.95	11	Pdiff	Pdiff	14 08 15.2 0.0
TMUT	111.96 21	Trail Mountain	111.96	21	ePKP	PKIKP	14 12 11.0 -1.2
J37A	111.99 7	Redenius Farm,	111.99	7	Pdiff	Pdiff	14 08 16.2 +0.9
J37A	112.02 12	Redenius Farm,	112.02	12	PKIKP	PKIKP	14 12 11.4 -0.2
HRV	112.03 349	Adam Dziewonski	112.03	349	ePKP	PKIKP	14 12 10.5 -1.2
HRV	112.03 349	Adam Dziewonski	112.03	349	ePKP	PKIKP	14 12 10.5 -1.2
K28A	112.03 13	Connely Angus	112.03	13	PKIKP	PKIKP	14 12 11.5 -0.4
L22A	112.05 10	Verdige	112.05	10	Pdiff	Pdiff	14 08 15.6 0.0
K32A	112.11 7	Red Feather La	112.11	7	Pdiff	Pdiff	14 08 16.6 +0.6
N23A	112.16 10	Rarotonga	112.16	10	PKIKP	PKIKP	14 12 12.0 -0.2
RAR	112.08 104	Rarotonga	112.08	104	PFAKE	LR	14 12 20.0
J38A	112.08 6	Wedel Dairy, R	112.08	6	Pdiff	Pdiff	14 08 16.4 +0.7
O20A	112.12 19	White River Ci	112.12	19	Pdiff	Pdiff	14 08 16.9 +0.7
O20A	112.12 19	White River Ci	112.12	19	PKIKP	PKIKP	14 12 12.1 -0.2
O20A	112.12 19	White River Ci	112.12	19	ePKP	PKIKP	14 12 11.5 -0.7
L29A	112.12 12	Maesberg Ranch	112.12	12	Pdiff	Pdiff	14 08 17.1 +0.8
L29A	112.25 9	Hardington	112.25	9	Pdiff	Pdiff	14 08 17.0 +0.5
K33A	112.30 9	Le Mars	112.30	9	Pdiff	Pdiff	14 08 16.8 +0.1
K34A	112.32 29	Isabella, Lake	112.32	29	Pdiff	Pdiff	14 08 16.2 -0.8
ISA	112.32 29	Isabella, Lake	112.32	29	Pdiff	Pdiff	14 12 13.7 +1.1
FURC	112.33 27	Furnace Creek,	112.33	27	Pdiff	Pdiff	14 08 17.9 +1.1
FURC	112.35 10	Furnace Creek,	112.35	10	PKIKP	PKIKP	14 12 13.5 +1.0
SRU	112.35 21	San Rafael Swe	112.35	21	ePKP	PKIKP	14 12 11.2 -1.5
SRU	112.35 21	San Rafael Swe	112.35	21	ePKP	PKIKP	14 12 11.2 -1.5
PKM	112.36 30	Mpherson Peak	112.36	30	Pdiff	Pdiff	14 08 15.4 -1.9
L31A	112.38 11	Butterfield Fa	112.38	11	Pdiff	Pdiff	14 08 16.7 -0.4
L31A	112.38 11	Butterfield Fa	112.38	11	PKIKP	PKIKP	14 12 12.1 -0.4
K35A	112.38 8	Storm Lake	112.38	8	PKIKP	PKIKP	14 12 12.3 -0.1
MPMC	112.41 28	Manual Prospec	112.41	28	Pdiff	Pdiff	14 08 15.9 -1.7
MPMC	112.41 28	Manual Prospec	112.41	28	PKIKP	PKIKP	14 12 13.1 +0.1
L30A	112.44 12	Spencer Herefo	112.44	12	Pdiff	Pdiff	14 08 17.1 -0.3
L30A	112.52 7	Belmond	112.52	7	Pdiff	Pdiff	14 08 15.6 -2.0
K37A	112.55 7	Gilmore City	112.55	7	PKIKP	PKIKP	14 12 12.1 -0.6
ARVC	112.61 29	Arvin	112.61	29	PKIKP	PKIKP	14 12 12.9 -0.2

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L33A	112.64 10	Hoskins	112.64	10	PKIKP	PKIKP	14 12 12.8 -0.1
M28A	112.65 13	Bar X Bar Ranc	112.65	13	PKIKP	PKIKP	14 12 12.7 -0.4
JFWS	112.66 4	Jewell Farm	112.66	4	ePKP	Pdiff	14 08 15.9 -2.3
JFWS	112.66 4	Jewell Farm	112.66	4	ePKP	PKIKP	14 12 12.3 -0.6
JFWS	112.66 4	Jewell Farm	112.66	4	eP	Pdiff	14 08 15.9 -2.3
JFWS	112.66 4	Jewell Farm	112.66	4	eP	MLR	14 12 12.3
L32A	112.68 10	Elgin	112.68	10	PKIKP	PKIKP	14 12 13.0 0.0
K38A	112.72 6	Parkersburg	112.72	6	PKIKP	PKIKP	14 12 12.5 -0.6
M29A	112.74 13	Burnside Ranch	112.74	13	PKIKP	PKIKP	14 12 12.9 -0.3
C22A	112.76 24	Cedar City	112.76	24	ePKP	Pdiff	14 12 11.7 -1.9
SBC	112.78 30	Santa Barbara	112.78	30	PKIKP	PKIKP	14 12 13.0 -0.4
M30A	112.81 12	Dale-Ortello V	112.81	12	PKIKP	PKIKP	14 12 12.9 -0.5
LRMC	112.82 28	Laurel Mtn Rad	112.82	28	PKIKP	PKIKP	14 12 14.1 +0.5
L35A	112.94 8	Bielow Farm, R	112.94	8	PKIKP	PKIKP	14 12 13.2 -0.3
OGNE	112.94 14	Ogallala	112.94	14	PKIKP	PKIKP	14 12 13.5 -0.1
OGNE	112.94 14	Ogallala	112.94	14	ePKP	Pdiff	14 08 18.3 -1.4
OGNE	112.94 14	Ogallala	112.94	14	ePKP	PKIKP	14 12 12.8 -0.9
L34A	112.97 9	Gvendsen Farm,	112.97	9	PKIKP	PKIKP	14 12 13.3 -0.2
BINY	112.98 353	Binghamton	112.98	353	ePKP	Pdiff	14 12 12.0 -1.6
SHPR	112.98 26	Sheep Range	112.98	26	ePKP	Pdiff	14 08 21.1 +1.0
SHPR	112.98 26	Sheep Range	112.98	26	ePKP	PKIKP	14 12 14.5 +0.5
SHOC	113.06 27	Shoshone, Teco	113.06	27	PKIKP	PKIKP	14 12 14.9 +0.9
L36A	113.06 8	Hans Buss Farm	113.06	8	PKIKP	PKIKP	14 12 13.5 -0.2
OSI	113.09 30	Osito Audit: C	113.09	30	PKIKP	PKIKP	14 12 14.0 -0.1
L37A	113.14 7	Phoenix Point,	113.14	7	PKIKP	PKIKP	14 12 13.4 -0.5
M31A	113.16 11	Lambert Ranc	113.16	11	PKIKP	PKIKP	14 12 13.8 -0.2
ISCO	113.17 17	Idaho Springs	113.17	17	PKIKP	PKIKP	14 12 14.2 -0.3
ISCO	113.17 17	Idaho Springs	113.17	17	ePKP	Pdiff	14 08 19.3 -1.7
ISCO	113.17 17	Idaho Springs	113.17	17	ePKP	PKIKP	14 12 13.6 -0.8
ISCO	113.17 17	Idaho Springs	113.17	17	eP	Pdiff	14 08 19.3 -1.7
ISCO	113.17 17	Idaho Springs	113.17	17	eP	MLR	14 12 13.6
SCZ2	113.19 31	Santa Cruz Isl	113.19	31	PKIKP	PKIKP	14 12 14.2 -0.1
EDW2	113.19 29	Edwards Air Fo	113.19	29	PKIKP	PKIKP	14 12 14.3 0.0
L38A	113.21 6	Oak Wood Farm,	113.21	6	PKIKP	PKIKP	14 12 13.7 -0.3
M33A	113.23 10	Taylor Creek F	113.23	10	PKIKP	PKIKP	14 12 13.8 -0.4
BGNE	113.24 11	Belgrade	113.24	11	PKIKP	PKIKP	14 12 13.8 -0.3
BGNE	113.24 11	Belgrade	113.24	11	ePKP	Pdiff	14 08 19.5 -1.4
BGNE	113.24 11	Belgrade	113.24	11	ePKP	PKIKP	14 12 12.9 -1.2
N28A	113.30 13	Pribbeno Ranch	113.30	13	PKIKP	PKIKP	14 12 14.2 -0.1
GSC	113.35 28	Goldstone, Bar	113.35	28	PKIKP	PKIKP	14 12 15.0 +0.4
GSC	113.35 28	Goldstone, Bar	113.35	28	ePKP	Pdiff	14 08 21.3 -0.3
GSC	113.35 28	Goldstone, Bar	113.35	28	ePKP	PKIKP	14 12 15.6 +1.0
GSC	113.35 28	Goldstone, Bar	113.35	28	eP	Pdiff	14 08 21.3 -0.3
GSC	113.35 28	Goldstone, Bar	113.35	28	eP	MLR	14 12 15.6
BLG	113.36 30	Laguna Peak, P	113.36	30	PKIKP	PKIKP	14 12 14.9 +0.4
N25A	113.36 13	Votaw Ranch, V	113.36	13	PKIKP	PKIKP	14 12 14.2 -0.2
SMCO	113.38 18	Snowmass	113.38	18	ePKP	Pdiff	14 08 23.1 +1.0
SMCO	113.38 18	Snowmass	113.38	18	ePKP	PKIKP	14 12 14.3 -0.6
M34A	113.39 9	Aspy Farms, Fr	113.39	9	ePKP	PKIKP	14 12 14.1 -0.3
AAM	113.41 359	Ann Arbor	113.41	359	P		

Table with columns: ID, Name, Date, Time, Status, and other details. Includes entries like Q35A Mercer Eighty, GLA Glamis, GLA Glamis, etc.

Table with columns: ID, Name, Date, Time, Status, and other details. Includes entries like V34A Guthrie, V30A Crockett Farms, AMTX Amarillo, etc.

Table with columns: ID, Name, Date, Time, Status, and other details. Includes entries like Z35A Perchaven, San, ABTX Abilene, Hawle, ABTX Abilene, Hawle, etc.

4d 14h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like Circle Diamond, Chaparral WMA, La Paz, etc.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like SDV, SDV, SDV, etc.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like SNAIA Sanae, PMSA Palmer Station, etc.

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes stations like CTAO Charters Tower, RAO Raoul Island, AFI Afiamalu, etc.

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes stations like SAUI Saumlaki, FAKI Fak Fak, SAUI Saumlaki, etc.

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes stations like YUK, YUK, YUK, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SFJD, SCHO, MOS, GNI, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like UPC, VYH, BZH, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like CKHR, POLO, MVO, etc.

NEIC 04 14:25:22.0, 9.66S:78.50W, h58km, MG4.2(ARE), After

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like NNA, NTA, etc.

IDC 04 14:31:04.5:1.0, 14:27S:166.66E, h0km, mb4.3/14, mb1.4/4.16, mb1mx4.1/5.0, mbmtpp4.3/16, ML4.1/2, MS4.7/11, Ms1.4/7.1, Ms1mx3.5/3.8, Ernelipse: s-maj=30.2km

ISCJB 04 14:31:07.0:1.0, 14:28S:0.06E:166.6E:0.1, h28km, mb4.2/14, MS4.7/11, Ernelipse: s-maj=19.6km, s-min=8.2km, az=175.5

ISC 04 14:31:09.1:0.8, 14:26S:0.08E:166.6E:0.2, h28km, m19, o:088/19, mb4.2/14, Vanuatu Islands

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DZM, HNR, STKA, etc.

ISCJB 04 14:31:33.3:0.5, 32:17N:0.03:-115:20W:0.04, h21km:6km, Ernelipse: s-maj=5.7km, s-min=4.5km, az=15.3

ECX 04 14:31:34.6:0.6, 32:15N:-115:26W, h7km, MD3.2, ML3.4, MEX 04 14:31:35.2:0.6, 32:22N:-115:10W, h14km, 38km, MD4.0

ISC 04 14:31:33.0:1.0, 32:15N:0.03:-115:23W:0.03, h17km, 8km, n31, o:066/42, 4C-15D, California-Baja California border

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MBIG, CPXB, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Guiyang, Baijiatau, Beijing, Kunming, etc.

JMA 04 15:01:59.2:0.1,29.64N;129.78E,h5km,3km,M3.7, Ryukyu Islands

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

IDC 04 15:02:52.5:0.7, 14.15S;166.54E,h0km,mb4.3/17, mb1 4.4/19,mb1mx4.3/32,mbtmp4.3/19,ML4.4/2, Error ellipse: s-maj=24.5km s-min=14.0km az=84.0

ISCJB 04 15:02:56.8:0.6, 14.25S;0.06:166.4E:0.1, h43km, mb4.2/17, Error ellipse: s-maj=18.1km s-min=7.6km az=17.0

ISC 04 15:02:58.7:0.4, 14.21S;0.07:166.5E:0.1, h43km, n23, cf101/25,mb4.3/17,Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Mont Dzumac, Canbera, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Chiang Mai Arr, Songino Array, etc.

IDC 04 15:07:11.9:1.4, 14.36S;166.75E,h0km,mb4.2/12, mb1 4.3/13,mb1mx4.1/34,mbtmp4.2/13,ML4.9/1, Error ellipse: s-maj=41.8km s-min=22.7km az=130.0

ISCJB 04 15:07:17.5:0.8, 14.27S;0.09:166.5E:0.1, h43km, mb4.1/12, Error ellipse: s-maj=20.9km s-min=13.2km az=178.9

ISC 04 15:07:19.0:0.9, 14.2S;0.1:166.6E:0.2, h43km, n16, oc86/16,mb4.0/12,Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Mont Dzumac, Honiara, etc.

IDC 04 15:11:16.3:1.6, 14.22S;166.58E,h0km,mb3.6/4, mb1 3.9/6,mb1mx3.6/34,mbtmp3.9/6,ML4.4/2, Error ellipse: s-maj=39.6km s-min=30.0km az=118.0,Vanuatu Islands

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

IDC 04 15:16:28.1:5.3, 13.81S;166.23E,h0km,mb3.5/3, mb1 3.8/3,mb1mx3.5/30,mbtmp3.5/3, Error ellipse: s-maj=262.7km s-min=33.9km az=142.0,Vanuatu Islands

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

IDC 04 15:23:07.1:0.7, 14.16S;166.52E,h0km,mb4.2/14, mb1 4.4/15,mb1mx4.2/30,mbtmp4.2/15,ML4.1/1,MS4.5/6, Ms1 4.5/6,ms1mx4.1/29, Error ellipse: s-maj=25.1km s-min=16.3km az=96.0

ISCJB 04 15:23:10.4:0.5, 14.22S;0.05:166.70E:0.1, h35km, mb4.8/36, Error ellipse: s-maj=13.3km s-min=7.8km az=173.0

ISC 04 15:23:12.3:0.5, 14.22S;0.07:166.6E:0.1, h35km, n74, cf106/72,mb4.9/36,Vanuatu Islands

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Kota Kinabalu, Matsuhiro Arr, etc.

GCMT 04 15:23:10.3:0.6, 14.30S;166.53E,h18km,2km,MW5.4/63, Moment Tensor Solution, s35,c38; s63,c79; Duration: 1s3 Moment tensor: Scale 1017Nm; Mr1.30; 14; Mw-0.67; 08; Mw-0.63; 09; Mw0.14; 15; Mw0-0.28; 04; Ms1.36; 24; Ms2 double couple; Mo1.73200; 1017 NP1; 0.6,16.00000; 0.71,0.00000; 0.79,0.00000; NP2: 0.262,00000; 0.22,00000; 0.118,00000; Principal axes: T 2.0000, Plg63.00000, Azm270.00000, N -0.5400, Plg10.00000; Azm20.00000; P -1.4620, Plg25.00000, Azm14.00000; nsta1 refers to body waves, cutoff=40s. 0.3m,0.3s,baz=0.7s,baz=237,slow=5.3,SNR=18

NEIC 04 15:23:10.3:0.6, 14.26S;166.42E,h10km,mb5.2/27, Error ellipse: s-maj=15.4km s-min=11.2km az=93.0

IDC 04 15:23:14.2:0.5, 14.18S;166.65E,h0km,mb4.8/20, mb1 4.9/23,mb1mx4.8/32,mbtmp4.8/23,ML2.4/1,MS4.5/6, Ms1 4.5/6,ms1mx4.1/25, Error ellipse: s-maj=16.9km s-min=12.8km az=90.0

MOS 04 15:23:16.7:1.6, 14.51S;166.35E,h37km,mb5.3/23, Error ellipse: s-maj=11.7km s-min=9.1km az=112.4

ISCJB 04 15:23:18.1:1.3, 13.83S;166.59E,h25km,mb5.0/56,mb5.4/27, Ms5.2/18,Ms7.5/17, Error ellipse: s-maj=7.2km s-min=4.5km az=8.6

ISC 04 15:23:20.0:0.4, 14.19S;0.05:166.68E:0.07, h43km, n182, cf163/200,mb5.0/62,MS4.8/10,12C-1D,Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Mont Dzumac, Canbera, etc.

Code 16h

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Lan-yu, Pinlang, Chengkung, Taimali, etc.

ISCJB 04 16:20:43.0±0.5, 24°07'N, 102°12'31"E, 0.02, h7km, 3km, Error ellipse: s-maj=3.0km s-min=2.3km az=162.8

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Nanau, HWA, TWD, TWC, etc.

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Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Kuangyinjshanh, Yuchr, National Centr, etc.

IDC 04 16:21:09.7±0.5, 14°21'S±166°67'E, h0km, mb4.6/19, mb1 4.7/22, mb1mx4.6/31, mbtm4.6/22, ML2.5/1, MS4.4/23, Ms1 4.4/23, ms1mx4.4/33, Error ellipse: s-maj=18.3km s-min=13.4km az=101.0

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

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like Port Moresby, Warramunga Arr, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Palaion Diasel, Sokhos, SOH, etc.

CSEM 04 17:13:29.0-0.1, 38.44N-22.04E, h2km, ML2.6, Error ellipse: s-maj=3.4km s-min=2.8km az=42.0

ATH 04 17:13:29.0, 38.42N-22.03E, h9km, 2km, ML2.3/12, Error ellipse: s-maj=2.1km s-min=0.6km az=256.0, Analyst: g.panopolou ML Amplitudes are expressed in micrometres All distances are expressed in km

Main table for the left column containing station data for Greece, including codes like KALE, KALE, KALE, etc., and station names like Kalithea, Rodini, Lakka, etc.

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

IDC 04 17:15:33.0-1.5, 14.19Sx166.31E, h0km, mb3.8/3, mb1 4.0/4, mb1mx3.6/36, mbtmp3.8/4, ML3.8/1, Error ellipse: s-maj=53.9km s-min=29.8km az=123.0, Vanuatu Islands

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

IDC 04 17:17:29.9-4.5, 6.44S:146.14E, h199km, 72km, mb3.2/3, mb1 3.3/5, mb1mx3.0/32, mbtmp3.7/5, MS3.6/1, Ms1 3.6/1, ms1mx3.0/14, Error ellipse: s-maj=107.1km s-min=30.7km az=121.0, Eastern New Guinea region

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

KRSC 04 17:18:50.3-1.0, 61.77N:171.80E, h6km, 5km, ML4.1, Eastern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TILK, TILK, OSSR, KBTR, BKI, etc.

ISCJB 04 17:19:31.6-0.4, 24.18N:0.02:121.85E:0.02, h4km, 3km, Error ellipse: s-maj=3.3km s-min=2.2km az=33.2

JMA 04 17:19:31.4-0.1, 24.15N:121.74E, h18km, 2km, TAP 04 17:19:32.0, 24.21N:121.78E, h16km, ML3.2, B

ISC 04 17:19:31.9-0.9, 24.18N:0.02:121.82E:0.02, h14km, 7km, n57, e063/90, 9C-50, Taiwan

Main table for the middle column containing station data for Taiwan, including codes like EHP, TWD, ENA, etc., and station names like Heping Village, Chiawan, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TYC, TWFI, TQW1, etc.

IDC 04 17:21:31.1-1.7, 23.77N:120.92E, h0km, mb3.2/4, mb1 3.4/4, mb1mx3.2/39, mbtmp3.2/4, Error ellipse: s-maj=156.4km s-min=21.7km az=66.0

ISCJB 04 17:21:32.4-0.4, 0.24:18N:0.02:121.86E:0.02, h4km, 3km, mb3.2/4, Error ellipse: s-maj=3.2km s-min=2.1km az=135.5

TAP 04 17:21:33.0, 24.20N:121.78E, h16km, ML3.8, B

JMA 04 17:21:32.6, 24.14N:121.75E, h19km, 1km, M3.0

ISC 04 17:21:32.8-0.9, 24.16N:0.02:121.81E:0.02, h16km, 6km, n73, e088/108, mb3.3/4, 9C-8D, Taiwan

Main table for the right column containing station data for Taiwan, including codes like EHP, TWD, ENA, etc., and station names like Heping Village, Chiawan, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like NNTT Nanjuang, SMLT Sun Moon Lake, WNF Wu-fen Shan, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like OXBJ Oaxaca, VHO Vista Hermosa, CMIG Matias Romero, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Y40A Okolona, X35A Drake, X36A Centrahoma, etc.

Table with columns: SMLA, SMLA, SMLA, MNAS, MNAS, AAK, AAK, AAK, TKM2, TKM2, KK31, KK31, PYUN, DANN, KOLN, KKN, PKIN, GUN, JIRN, RAMN, MKAR, TAPN, ODAN, AB31, BVAR, AKTO, AKTO, ZALV, ARCES, TORD, WRA, ASAR. Includes station names, coordinates, and technical details.

IDC 04 18:43:16.0.2.0, 21°16'N-143°34'E, h300km, 19km, mb3.1/7, mb1 3.3/8, mb1mx2.9/4.1, mbtmsz3.8/8, Error ellipse: s-maj=35.9km s-min=13.9km az=95.0, Mariana Islands region

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

ISCJB 04 18:44:42.3±1.9, 33°82'S-0°05'42"W, 0.06, h10km, 14km, mb3.6/2, Error ellipse: s-maj=9.1km s-min=7.4km az=41.5

GUC 04 18:44:43.1±0.4, 33°79'S-72°33'W, h23km, 4km, ML3.7

IDC 04 18:44:46.7±1.2, 33°80'S-72°07'W, h28km, 6km, mb3.5/2, mb1 3.4/4, mb1mx3.6/2.3, mbtmsz3.7/4, ML3.6/2, MS3.1/1, Ms1 3.0/1, ms1mx2.6/2.1, Error ellipse: s-maj=48.2km s-min=29.7km az=65.0

SJA 04 18:45:09.3±0.6, 32°32'S-70°7'W, h60km, ML3.2, MW3.8

ISC 04 18:44:46.4±1.0, 33°81'S-0°05'72"W, 0.07, h28km, 6km, n24, c0595/34, Off coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Longovilo, Rinconada Maip, El Roble, Chadas Angostu, etc.

ISCJB 04 18:51:24.1±0.3, 23°33'N-0°11'21.66'E, 0.02, h27km, 2km, Error ellipse: s-maj=2.8km s-min=1.9km az=43.4

TAP 04 18:51:24.2±0.3, 35°N-121°65'E, h33km, 1km, ML3.6, C

ISC 04 18:51:24.9±0.9, 23°34'N-0°02'12.62'E, 0.02, h32km, 17km, n76, c1500/136.9, 14C-12D, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Yuli, Hungye, Chengkung, Shilin, Lidau, Danda, YUS, YUS, HWA, HWA, Pinlang, Taiwan, Chiawan, ALS, ALS, STYT, STYT, Sun Moon Lake, Heluan Shan, Yuch, Yuch, Tsauling, CHNS, WTP, WTP, Tsaushang, CHN4, ECL, ECL, Jiashan, SGST, SGST, Tachien, TWT, TWT, Mingjian, WNT, WNT, Nanshi, CHN1, CHN1, Gukeng, WKG, WKG, Hsiyung, TWK, TWK, Minshiang, CHN2, CHN2, Sandimen, SSD, SSD, ENA, ENA, CHY, CHY, NNS, NNS, TCU, TCU, CHN3, CHN3, Tawu, EAST, EAST, Jiouru, SGLT, SGLT, Shoushan, TWM1, TWM1, Liyutan, TWT, TWT, CHN8, CHN8, Nioudou, LAY, LAY, Yung-kang, TAI1, TAI1, WSF, WSF.

Table with columns: SCLT, SCLT, NSY, NSY, SCZT, SCZT, NSK, NSK, TWE, TWE, NSTT, NSTT, ILA, ILA, TWP, TWP, EGS, EGS, HEN, HEN, HSN, HSN, TSEB, TSEB, TWK1, TWK1, JYNG, JYNG, NCU, NCU, TAP1, TAP1, TAP, TAP, TWB1, TWB1, YOJ, YOJ, NWF, NWF, TWS1, TWS1, TWS1, TWS1, PNG, PNG, PNG, PNG, HATJ, HATJ, IRIF, IRIF, JKRS, JKRS, JIJ, JIJ, JISG, JISG, KINM, KINM, JTJ, JTJ, JIRB, JIRB, JKIM, JKIM. Includes station names, coordinates, and technical details.

BUI 04 18:51:31.5, 14°49'S-167°30'E, h24km, mb4.7/31, mb5.2/17, Ms4.9/9, Ms7 4.8/10

ISCJB 04 18:51:33.5±0.4, 14°27'S-0°04'166.45'E, 0.07, h10km, mb4.7/39, MS3.6/3, Error ellipse: s-maj=9.1km s-min=6.1km az=179.4

IDC 04 18:51:33.1±1.0, 14°28'S-166°57'E, h0km, mb4.2/14, mb1 4.4/16, mb1mx4.2/3.3, mbtmsz4.3/16, ML4.4/2, MS3.4/5, Ms1 3.5/5, ms1mx3.1/3.1, Error ellipse: s-maj=28.4km s-min=16.5km az=115.0

NEIC 04 18:51:35.5±5.3, 14°25'S-166°53'E, h15km, 32km, mb4.8/18, Error ellipse: s-maj=12.2km s-min=9.7km az=103.0

ISC 04 18:51:35.0±0.5, 14°24'S-0°06'166.56'E, 0.09, h10km, n64, c1943/66, mb4.8/39, MS3.6/3, 1C, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Mont Dzumac, HNR, HNR, HNR, HNR, EIDS, CTA, CTA, CTAO, CTAO, STKA, STKA, WB2, WB2, WRAB, WRAB, WRA, WRA, AS01, AS01, AS31, AS31, ASAR, ASAR, BBOO, BBOO, FITZ, FITZ, SOEI, SOEI, NWA0, NWA0, KKM, KKM, UGM, UGM, SZP, SZP, MJAR, MJAR, JNU, JNU.

4d 20h

Table of astronomical observations for 4d 20h, listing stations like KOLS, MDVR, BZS, etc., with columns for station name, coordinates, and observation details.

2011 FEB

Table of astronomical observations for 2011 FEB, listing stations like DAG, YSS, MJAR, etc., with columns for station name, coordinates, and observation details.

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Table of astronomical observations for 200, listing stations like AS01, SOEI, PPT, etc., with columns for station name, coordinates, and observation details.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like CMAR Chiang Mai Arr, RAMN Ramite, BOK Bokaro, etc.

ICD 04 20:26.9, 1.6, 42.39S:173.65E, h0km, mb3.4/2, mb1 3.7/4, mb1mx3.6/20, mbtmp3.6/4, ML3.7/2, MS3.5/1, Ms1 3.5/1, ms1mx2.7/13, Error ellipse: s-maj=44.6km s-min=25.6km az=140.0

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like KHZ Kahutara, BSWZ Blackbirch Sta, CMWZ Cape Campbell, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like DUWZ Denny, DSWZ Denny, RAMN Ramite, etc.

PGC 04 20:13:39.8, 2.9, 51.08N:130.92W, h10km, ML3.0/6, Mw3.6, 22km Wsw of Bella Bella, Bc Haida Gwaii Region, Queen Charlotte Islands region

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like Vila Bisbo, Marzeleto, Barranco-do-Ve, etc.

4d 20h

Table with columns: PBAR, Barrancos, 5.24 75 ePn, Pn, 20 18 12.9 +1.4, 20 19 11.3 -0.7, etc. Lists various stations and their coordinates.

2011 FEB

Table with columns: EPON, Pontenova, 7.94 36 P, Pn, 20 18 49.4 +0.8, etc. Lists stations and includes a large section for 'IDC 04 20:22:00' with detailed coordinates and error ellipses.

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Table with columns: HHC, Seymchan, 24.37 10 P, P, 20 27 39.3 +2.8, etc. Lists stations and includes a section for 'IDC 04 20:23:47.1' with detailed coordinates and error ellipses.

M1 4.3/1, ms1mx2.7/34, Error ellipse: s-maj=48.9km s-min=28.5km az=122.0
 ISCJB 04 20:33:47.1, 1.3, 14.40S:0.09:166.3E:0.2, h31km, mb3/6/5, MS4.1/1, Error ellipse: s-maj=30.2km s-min=11.6km az=171.6
 ISC 04 20:33:49.4, 1.4, 14.3S:0.1x166.4E:0.2, h31km, n7, #127/7, mb3.7/5, Vanuatu Islands

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time h m s	Res h s	ISC
DZM	Mot Dzumac	7.71	179	Op	ISC	20 35 39.0	+0.7	
DZM		0.8nm, 0.3s, baz=0, slow=19, SNR=3.2			Pn			
DZM					Sn	20 37 06.1	+0.1	
RAO	Raoul Island	20.86	3.0	LR	LR	20 43 41.2		
STKA	Stevens Creek	28.59	228	P	P	20 39 44.8	+1.9	
WRA	Warramunga Arr	31.05	255	P	P	20 40 03.7	-1.2	
ASAR	Alice Springs	31.99	248	P	P	20 40 12.3	-0.8	
ILAR	Eielson Array	86.42	18	P	P	20 46 28.8	+0.3	
MKAR	Makanchi Array	96.30	317	P	P	20 47 14.7	-0.3	

MEX 04 20:39:34.6, 0.3, 17.35N:94.73W, h140km±13km, MD3.7, Chiapas

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time h m s	Res h s	ISC
TGIG	Vista Hermosa	1.64	110	Op	ISC	20 40 03.8	-1.2	
TGIG					eS	20 40 25.8	-2.5	
VHO	Huatulco	1.93	262	Op	ISC	20 40 32.7	-1.2	
VHO					eS	20 40 32.7	-1.8	
HUG	Huatulco	2.05	220	Op	ISC	20 40 05.9	-4.0	
HUG					eS	20 40 32.2	-4.5	
PCIG		2.18	138	Op	ISC	20 40 10.0	-1.3	
PCIG					eS	20 40 37.6	-1.9	
TLIG	Tiapa	3.67	274	Op	ISC	20 40 29.3	-1.1	
TLIG					iS	20 41 11.7	-1.9	

ISC 04 20:46:34.8, 1.5, 13.94S:166.50E, h0km, mb3.7/4, mb1 3.9/5, mb1mx3.6/39, mbtmp3.7/5, ML3.4/1, MS3.4/4, Ms1 3.4/4, ms1mx2.9/31, Error ellipse: s-maj=51.2km s-min=28.9km az=128.0
 ISCJB 04 20:46:38.7, 1.4, 14.18S:0.09:166.6E:0.2, h43km, mb3.7/4, MS3.4/4, Error ellipse: s-maj=30.2km s-min=12.4km az=172.0
 ISC 04 20:46:40.5, 1.4, 14.1S:0.1x166.6E:0.2, h43km, n10, #084/7, mb3.7/4, MS3.5/4, Vanuatu Islands

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time h m s	Res h s	ISC
DZM	Mot Dzumac	7.91	181	Op	ISC	20 48 32.8	-0.3	
DZM		0.5nm, 0.3s, baz=358, slow=18, SNR=6.6			Sn	20 50 01.3	0.0	
JAY	Jayapura	28.08	292	LR	LR	21 03 21.1		
STKA	Stevens Creek	28.92	228	P	P	20 52 36.8	+1.1	
WRA	Warramunga Arr	31.52	259	LR	LR	20 50 57.0	-0.6	
ASAR	Alice Springs	32.14	248	P	P	20 53 05.0	-0.8	
FITZ	Fitzroy Crossi	39.52	259	LR	LR	21 09 28.0		
MJAR	Matsushiro Arr	57.08	333	LR	LR	21 18 55.9		
KRSR	Korea Array	62.85	326	LR	LR	21 21 14.6		
ILAR	Eielson Array	86.89	18	P	P	20 59 16.4	-0.3	
ARCS	ARCESS Array B	119.51	343	PKP	PKPpdf	21 05 25.7	+0.7	

ISC 04 20:46:39.2, 3.2, 36.45N:68.66E, h0km, mb3.7/3, mb1 3.6/8, mb1mx3.4/53, mbtmp3.5/8, ML2.9/5, Error ellipse: s-maj=47.3km s-min=21.7km az=145.0
 ISCJB 04 20:46:43.7, 1.3, 36.8N:0.1:68.36E:0.09, h30km, mb3.4/2, Error ellipse: s-maj=17.4km s-min=6.6km az=150.3
 NNC 04 20:46:47.4, 3.4, 37.12N:68.31E, h0km, mb3.8, mpv3.4, Error ellipse: s-maj=40.3km s-min=25.6km az=116.0
 ISC 04 20:46:45.7, 1.6, 36.9N:0.2:68.41E:0.10, h30km, n12, #156/15, 4C-2D, Hindu Kush region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time h m s	Res h s	ISC
MNAS	Manas	6.54	28	Op	ISC	20 48 20.6	+0.7	
MNAS		7.3nm, 1.2s			Sn	20 49 35.4	+2.0	
KK31	Kararay Array	6.54	14	Op	ISC	20 48 21.4	+1.6	
KK31		4.4nm, 0.7s			Sn	20 49 32.3	-1.1	
AAK	Ala-Archa	7.51	37	Op	ISC	20 48 37.7	+4.4	
AAK		0.6nm, 0.3s, baz=194, slow=4.5, SNR=12			Sn	20 49 59.5	+2.1	
AAK		baz=24, slow=18, SNR=2.0			Sn	20 48 34.2	+1.0	
AAK		5.4nm, 1.3s			Sn	20 49 59.4	+2.0	
GEYT	Alibek	8.28	281	Op	ISC	20 48 44.5	+0.8	
GEYT		0.3nm, 0.3s, baz=119, slow=12, SNR=5.1			Sn	20 50 16.9	+0.6	
MKAR	Makanchi Array	96.30	317	Op	ISC	20 50 05.5	-1.8	
MKAR		0.2nm, 0.3s, baz=84, slow=39, SNR=3.0			Sn	20 50 21.9	-1.2	
AKTO	Aktjubinsk	15.59	335	Op	ISC	20 50 20.1	-3.8	
KURBS	Kurchatov Arr	16.65	25	Op	ISC	20 50 30.4	-2.1	
BVAR	Borovoye Array	16.33	4	Op	ISC	20 51 20.5	-1.7	
ZALV	Zalesovo Beam	20.61	28	Op	ISC	20 51 20.5	-1.7	
TORD	Torodi Arr. Bea	63.65	267	Op	ISC	20 57 14.3	0.0	
YKA	Yellowknife Arr	81.06	1	Op	ISC	20 58 58.0	+0.6	

CSEM 04 20:52:25.0, 2.0, 43.07N:18.92E, h15km, ML1.5, Error ellipse: s-maj=6.9km s-min=3.7km az=147.0
 BEO 04 20:52:27.3, 0.8, 43.07N:19.00E, h0km, M1.5/4, Northwestern Balkan Peninsula

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time h m s	Res h s	ISC
PDG	Podgorica	0.67	164	Op	ISC	20 52 48.4	-0.3	
PDG		0.67	164	Op	Sg	20 52 48.4	-0.3	
SJES	Sjenica	0.74	75	Op	Sg	20 52 42.8	-0.8	
BBLs	Lazići	0.85	20	Op	Pg	20 52 53.4	-1.2	
BBLs					eSg	20 52 42.8	-0.8	
BBLs					Pg	20 52 42.8	-1.2	
STON	Lazići	0.85	20	Op	Pg	20 52 42.8	-3.5	
STON					Sg	20 52 55.4	-3.2	
STON					Pg	20 52 44.2	-3.6	
STON					Sg	20 52 55.4	-3.2	
IVAS	Ivanjica	0.98	59	Op	Sg	20 52 44.2	-1.5	
IVAS					Sg	20 52 44.2	-1.5	
IVAS					Pg	20 52 44.6	-1.5	
IVAS					eSg	20 52 58.0	-0.8	
DIVS	Divibare	1.25	35	Op	Pg	20 52 49.9	-1.5	
DIVS					eSg	20 53 07.8	+0.2	
DIVS					eSg	20 53 07.8	+0.2	

s-min=5.9km az=32.1
 BUJ 04 20:52:48.0, 6.1, 19S:151.00E, h47km, mb4.4/17, mb5.3/13, MS4.8/4, MS7 4.7/6
 NEIC 04 20:52:49.4, 1.2, 6.20S:150.82E, h44km, 11km, mb4.6/24, Error ellipse: s-maj=10.4km s-min=6.4km az=120.0
 ISC 04 20:52:49.7, 0.5, 6.21S:0.06:150.82E:0.08, h43km, n70, #139/65, mb4.5/42, MS3.5/12, 1C, New Britain region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time h m s	Res h s	ISC
RABL	Rabaul	2.42	34	Op	ISC	20 53 26.6	-0.2	
RABL					eS	20 54 03.4	+8.3	
PMG	Port Moresby	4.82	229	Op	ISC	20 54 00.8	+1.0	
PMG		4.1nm, 0.3s, baz=23, slow=12, SNR=15			Sn	20 54 54.5	+0.2	
PMG		28nm, 0.3s, baz=197, slow=8.2, SNR=9.1			LR	20 55 52.1		
PMG		comp=Z.277nm, 18.4s, baz=32, slow=38			Sn	20 54 00.5	+0.7	
PMG		comp=Z.277nm, 18.4s, baz=32, slow=38			ePn	20 54 04.0	+6.4	
PMG		comp=Z.277nm, 18.4s, baz=32, slow=38			Sn	20 58 17.0		
PMG		comp=Z.181nm, 21.3s, baz=289, slow=35			LR	20 57 05.8	-2.6	
EIDS	Eidsvold	19.05	179	Op	ISC	20 56 48.3		
SJUI	Sorong	20.21	284	LR	LR	20 57 05.8	-2.6	
GUMO	Guam	20.54	343	LR	LR	20 57 29.4	-0.5	
WRAB	Tennant Creek	21.02	228	Op	ISC	20 57 29.4	-0.6	
WRAB		25nm, 0.7s			P	20 57 30.1	-0.1	
WRA	Warramunga Arr	21.03	228	Op	ISC	20 57 30.1	-0.1	
WRA		19nm, 0.7s, baz=53, slow=11, SNR=48			Sn	20 57 38.0	-0.7	
DZM	Mot Dzumac	21.83	138	Op	ISC	20 57 38.0	-0.7	
DZM		7.8nm, 0.8s, baz=2.3, slow=20, SNR=5.8			LR	20 57 58.8	+0.5	
AS01	Alice Springs	23.75	221	Op	ISC	20 57 58.8	+0.5	
AS31	Alice Springs	23.78	221	Op	ISC	20 57 58.5	-0.2	
ASAR	Alice Springs	23.79	221	Op	ISC	20 57 58.5	-0.2	
ASAR		12nm, 0.6s, baz=55, slow=9, SNR=120			S	20 52 15.6	+4.2	
ASAR		1.5nm, 1.0s, baz=42, slow=21, SNR=5.5			LR	20 58 22.8	-0.9	
SOEI	Soei	26.52	261	Op	ISC	20 58 22.8	-0.9	
SOEI		1.5nm, 0.8s			P	20 58 27.8	+1.4	
STKA	Stevens Creek	26.95	198	P	P	20 58 28.1	+0.9	
STKA		1.2nm, 0.8s, baz=346, slow=8.2, SNR=25			LR	20 58 30.3	+0.1	
STKA		comp=Z.130nm, 18.9s, baz=25, slow=36			LR	20 58 30.3	+0.1	
STKA		comp=Z.130nm, 18.9s, baz=25, slow=36			LR	20 58 30.3	+0.1	
FITZ	Fitzroy Crossi	27.25	242	Op	ISC	20 58 30.3	+0.1	
FITZ		5.6nm, 0.6s, baz=47, slow=7.3, SNR=11			LR	20 59 28.9	-0.3	
FITZ		comp=Z.64nm, 19.1s, baz=60, slow=36			LR	20 59 28.9	-0.3	
FITZ		comp=Z.64nm, 19.1s, baz=60, slow=36			LR	20 59 28.9	-0.3	
URZ	Urewera	39.83	147	LR	LR	20 58 28.1	+0.9	
URZ		comp=Z.74nm, 18.3s, baz=298, slow=34			LR	20 58 28.1	+0.9	
NWAO	Naranyi (SR0)	41.00	225	P	P	20 58 28.1	+0.9	
RPA	Rata Peaks	41.37	158	LR	LR	20 58 28.1	+0.9	
RPA		comp=Z.102nm, 21.9s, baz=254, slow=33			LR	20 58 28.1	+0.9	
YHNB	Yeheng	42.00	318	Op	ISC	20 58 28.1	+0.9	
YHNB		25nm, 1.0s			P	20 58 28.1	+0.9	
CISI	Cisomet, Garu	42.70	266	Op	ISC	20 58 28.1	+0.9	
CISI		9nm, 0.8s			P	20 58 28.1	+0.9	
JNU	Nakatsue	43.46	335	Op	ISC	20 58 28.1	+0.9	
JNU		6.6nm, 0.9s			P	20 58 28.1	+0.9	
QIZ	Qiongzong	47.52	303	Op	ISC	20 58 28.1	+0.9	
QIZ		comp=Z.10nm, 1.3s			S	20 58 28.1	+0.9	
QIZ		comp=Z.160nm, 15.6s			LR	20 58 28.1	+0.9	
KRSR	Korea Array	48.41	336	P	P	20 58 28.1	+0.9	
KRSR		4.0nm, 0.8s, baz=155, slow=8.6, SNR=13			LR	20 58 28.1	+0.9	
KRSR		comp=Z.47nm, 18.3s, baz=343, slow=34			LR			

4d 21h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KULA Kula-Manisa, GDZ Gediz, YESY Yesilyurt, etc.

ECX 04 21:29:58.5-4.4, 3.88S:142.80E, h0km, mb3.4/3, mb1 3.8/4, mb1mx3.4/43, mbtmp3.6/4, ML3.8/1, Error ellipse: s-maj=11.5km, s-min=30.8km, az=98.0, mb3.0/5, NEIC 04 21:30:05.3-2.2, 3.93S:142.60E, h45km, mb4.0/5, Error ellipse: s-maj=15.5km, s-min=11.1km, az=159.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, WRAB Tennant Creek, WRA Warramunga Arr, etc.

JMA 04 21:38:36.9-0.4, 35.33N:142.06E, h27km, M3.4, ISCJB 04 21:38:40.1-1.1, 35.27N:0.06-141.77E:0.10, h25km, mb3.4/4, Error ellipse: s-maj=11.7km, s-min=7.5km, az=157.8

ECX 04 21:38:41.0-2.1, 35.27N:141.28E, h0km, mb3.4/4, mb1 3.4/6, mb1mx3.2/66, mbtmp3.3/6, ML3.0/2, MS2.5/1, Ms1 2.5/1, ms1mx2.0/31, Error ellipse: s-maj=48.7km, s-min=21.8km, az=73.0

ISC 04 21:38:43.3-1.4, 35.29N:0.05-141.5E:0.1, h25km, m20, 136E/17, mb3.4/4, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CHOU Chosi, BSMO Boso 1, BS03 Boso 3, etc.

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

ECX 04 21:40:22.0-0.3, 31.19N:115.69W, h5km, ML2.3, MEX 04 21:40:22.0-0.3, 31.19N:115.34W, h12km, 26km, MD3.6, ISC 04 21:40:21.1-1.1, 31.62N:115.9W:0.1, h10km, 19km, n13, -0531/19, 1C-6D, Baja California

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SPiG San Pedro Mart, SPiG San Pedro Mart, SPX San Pedro Mart, etc.

IDC 04 21:41:04.1-0.8, 40.31N:51.31E, h0km, mb3.8/14, mb1 3.9/24, mb1mx3.8/55, mbtmp3.9/24, ML3.4/7, MS3.3/2, Ms1 3.2/2, ms1mx2.6/50, Error ellipse: s-maj=16.7km, s-min=8.7km, az=179.0, NEIC 04 21:41:05.8-0.5, 40.38N:51.42E, h10km, mb4.0/2, Error ellipse: s-maj=10.3km, s-min=6.4km, az=174.0, MOS 04 21:41:06.2-1.7, 40.73N:51.56E, h6km, mb4.4/2, Error ellipse: s-maj=7.5km, s-min=5.7km, az=132.5, CSEM 04 21:41:08.1-0.2, 40.47N:51.53E, h20km, mb4.4, Error ellipse: s-maj=9.1km, s-min=3.7km, az=167.0, AZER 04 21:41:09.7-0.5, 40.18N:51.30E, h33km, Error ellipse: s-maj=1.6km, s-min=1.1km, az=251.0, NNC 04 21:41:19.7-2.7, 40.33N:52.52E, h19km, 33km, mb4.0, mbtmp4.5, Error ellipse: s-maj=4.8km, s-min=6.9km, az=75.0, ISC 04 21:41:07.4-1.4, 40.39N:0.04-51.50E:0.04, h23km, 11km, n169, 136E/199, mb3.6/16, 46C-27D, Caspian Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GALA Gala, GALA Nardaran, NDR NDR, GOBA Gobu, GOBA Gobu, ALIB Alibayra, etc.

ALIB & Alibayra 1.96 258 P Pn 21 42 03.0 0.0

ALIB Alibayra 1.96 258 P Pn 21 42 03.0 0.0

ATGJ Altighajaj 2.00 284 P Pn 21 42 05.7 +1.4

ATGJ Altighajaj 2.00 284 P Pn 21 42 05.6 -0.6

ATGJ SIZ 2.09 290 P Pn 21 42 05.7 +1.4

PQL Pirikul 2.25 281 P Pn 21 41 46.0 -1.4

PQL Pirikul 2.25 281 P Pn 21 41 46.0 -1.4

QUBA Quba, Azerbaijan 2.48 294 P Pn 21 41 49.6 -1.6

QUBA Quba, Azerbaijan 2.48 294 P Pn 21 41 49.6 -1.6

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

URKR Urarakh 3.41 303 P Pn 21 42 02.0 +2.7

URKR Urarakh 3.41 303 P Pn 21 42 02.0 +2.7

ZKTA Zakatala 3.75 299 P Pn 21 42 08.0 +4.0

ZKTA Zakatala 3.75 299 P Pn 21 42 08.0 +4.0

GANJ Ganja 3.95 275 P Pn 21 42 53.0 +2.2

GANJ Ganja 3.95 275 P Pn 21 42 53.0 +2.2

UNCU Uncukul 4.22 305 P Pn 21 42 14.0 +3.6

UNCU Uncukul 4.22 305 P Pn 21 42 14.0 +3.6

DBD Duki 4.37 308 P Pn 21 42 20.2 -3.4

DBD Duki 4.37 308 P Pn 21 42 20.2 -3.4

GDB GEDABAY 4.39 276 P Pn 21 42 13.1 +0.4

GDB GEDABAY 4.39 276 P Pn 21 42 13.1 +0.4

GDB GEDABAY 4.39 276 P Pn 21 42 13.1 +0.4

GDB GEDABAY 4.39 276 P Pn 21 42 13.1 +0.4

GDB GEDABAY 4.39 276 P Pn 21 42 13.1 +0.4

GDB GEDABAY 4.39 276 P Pn 21 42 13.1 +0.4

GDB GEDABAY 4.39 276 P Pn 21 42 13.1 +0.4

GDB GEDABAY 4.39 276 P Pn 21 42 13.1 +0.4

GDB GEDABAY 4.39 276 P Pn 21 42 13.1 +0.4

GDB GEDABAY 4.39 276 P Pn 21 42 13.1 +0.4

GDB GEDABAY 4.39 276 P Pn 21 42 13.1 +0.4

Table with columns: ID, Name, Az, El, Az, El, P, Time, Res. Includes stations like BILBO, PMR, LSA, ILAR, ISA, TAPN, etc.

CSEM 04 21:50:28.6:0.3, 37.783N:42.59E, h2km, MD2.8, Error ellipse: s-maj=7.8km s-min=5.7km az=130.0

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

TAP 04 21:51:34.9, 24.91N:122.02E, h9km, ML3.3, B JMA 04 21:51:34.5:0.1, 24.95N:122.04E, h34km, M3.0

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like TWB1, TWB1, EGS, etc.

Table with columns: ID, Name, Az, El, Az, El, P, Time, Res. Includes stations like HWA, TWT, WHF, etc.

IDC 04 21:53:12.0:1.3, 14.13S:166.51E, h0km, mb4.0/9, mb1.4/1.0, mb1mx3.9/4.3, mbtmp3.9/10, ML4.0/1, Error ellipse: s-maj=4.1, s-min=3.0km az=128.0

NEIC 04 21:53:13.7:0.2, 14.13S:166.47E, h10km, mb4.3/14, Error ellipse: s-maj=6.5km s-min=6.1km az=156.0

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

ISCJB 04 21:53:16.4:0.4, 14.27S:165.66E, h43km, mb4.2/22, Error ellipse: s-maj=9.8km s-min=7.6km az=1.5

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like ASAR, RAR, GUMO, etc.

IDC 04 22:33:42.8:0.9, 48.75S:126.31E, h0km, mb4.0/6, mb1.4/3.7, mb1mx4.0/25, mbtmp4.1/7, ML2.3/1, MS3.9/2, Ms1.3/8.2, ms1mx3.0/27, Error ellipse: s-maj=44.0km s-min=23.6km az=93.0

ISCJB 04 22:33:43.0:0.4, 48.78S:126.46E, h13km, mb4.7/15, MS3.8/9, Error ellipse: s-maj=13.6km s-min=11.9km az=23.9

NEIC 04 22:33:44.5:0.3, 48.71S:126.25E, h10km, mb4.5/8, Error ellipse: s-maj=10.1km s-min=8.1km az=98.0

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like TAU, TAU, H01W1, etc.

Table with columns: ID, Name, Az, El, Az, El, P, Time, Res. Includes stations like STKA, ASAR, WRA, etc.

BJI 04 22:37:47.2, 49.74S:127.34E, h10km, mb4.6/16, mb5.2/14, Ms5.1/5, Ms7.0/6

ISCJB 04 22:37:51.9:0.4, 48.77S:126.50E, h10km, mb4.6/28, MS4.0/10, Error ellipse: s-maj=12.3km s-min=8.6km az=25.1

IDC 04 22:37:51.6:0.8, 48.75S:126.39E, h8km, mb4.1/8, mb1.4/4.9, mb1mx4.2/24, mbtmp4.2/9, ML2.9/1, MS3.9/11, Ms1.3/9.11, ms1mx3.7/23, Error ellipse: s-maj=40.3km s-min=20.7km az=93.0

NEIC 04 22:37:53.4:0.3, 48.72S:126.43E, h10km, mb4.5/15, Error ellipse: s-maj=10.5km s-min=7.0km az=107.0

GCMT 04 22:37:53.4:0.4, 48.91S:126.39E, h21km, mb4.6/16, MW5.0/55, Moment Tensor Solution: s23,c26; s55,c81; Duration: 0.4s Moment tensor: Scale 16N/N, Mr=2.55; 28; Ms=3.24; 19; Mw=0.93; 19; Mw=0.93; 19; Mw=1.60; 10; Ms=0.38; 34; Best double couple: Ms=3.27600; 1016 NP1=96.00000; s58.00000; lambda=56.00000; NP2: phi=224.00000; s46.00000; lambda=132.00000; Principal axes: T 3.8630, P1g7.0000; Azm162.0000; P -2.6880, P1g60.0000; Azm256.0000; P -2.6880, P1g60.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 04 22:37:53.4:0.4, 48.75S:126.50E, h10km, n84, c1933/73, mb4.6/28, MS3.9/12, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like TAU, H01W1, H01W2, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like H08S1 Diego Garcia H, H08S3 Diego Garcia H, QIZ Qiongzhong, etc.

ISCJB 04 22:53:44.0±2.6, 3.02N, 128.17E, h0km, mb3.3/4, mb1 3.5/4, mb1mx3.2/42, mbtmp3.3/4, Error ellipse: s-maj=235.7km s-min=21.7km az=68.0, North of Halmahera

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like EIDS Eidsvold, PMG Port Moresby, CTAO Charters Tower, etc.

IDC 04 22:55:10.3±3.3, 33.94N, 81.24E, h0km, mb3.6/5, mb1 3.6/7, mb1mx3.3/43, mbtmp3.4/7, ML2.7/2, MS3.4/1, Ms1 3.4/1, ms1mx2.7/55, Error ellipse: s-maj=72.6km s-min=32.4km az=129.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KOLN Koldanda, GUN Gumba, PJUN Phulchoki, etc.

DDA 04 22:59:59.2, 41.60N, 43.92E, h7km, Md2.8 TIF 04 22:59:59.4, 41.55N, 44.00E, h16km MOS 04 22:59:59.2, 41.41N, 43.91E, h8km, mb3.9/1, Error ellipse: s-maj=12.4km s-min=4.9km az=90.3

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KZR Kazreti, AKH Akhalkalaki, TBLG Delisi, etc.

IDC 04 23:00:01.0±9.1, 41.56N, 0.02, 43.97E, h10km, 8km, n68, ±057/121, 2C-SD, Turkey-Georgia-Armenia border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DIGO Kars, DUS Dusheti, EAK Akyaka, etc.

Table with columns: VLKR Vladikavkaz, VLKR Artvin, ARTV Artvin, etc. Includes stations like VLKR Vladikavkaz, VLKR Artvin, ARTV Artvin, etc.

SKHL 04 23:09:34.2±0.3, 44.719N, 147.88E, h25km, 1km, mb3.6/2, JMA 04 23:09:32.0±0.5, 43.779N, 147.88E, h8km, M3.2, 2C, Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SHO Shikotan, KUR Kuril'sk, YUK Yuzh-Kuril'sk, etc.

IDC 04 23:11:33.0±6.7, 8.14S, 128.58E, h414km, 9gkm, mb2.8/2, mb1 2.8/5, mb1mx2.7/47, mbtmp3.6/5, Error ellipse: s-maj=58.2km s-min=46.4km az=44.0, Timor Sea

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

ATH 04 23:12:09.1, 37.91N, 27.33E, h8km, 2km, ML3.5/3, Error ellipse: s-maj=3.2km s-min=1.3km az=245.0, Analyst: F. Halanis ML Amplitudes are expressed in micrometres All distances are expressed in km

ISC 04 23:12:10.9,0.9,37.89NRN.0102.27.34E.0102.h9km,7km,
n140,ct15/157,mb3.8/6,MS3.8/3,Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like Zeytinokoy-Aydi, Samos, Izmir, etc.

Table with columns: CRLT IDI, Corlu, Anoyia, etc. Lists stations in the Corlu region.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations in the GUC 04 23:14:26.3,0.4,37.23S:74.31W, h25km,5km, ML3.5, Off coast of central Chile.

ISC 04 23:17:13.5,3.4,36.39NRN:68.72E,h0km,mb3.4/2,
mb1.3,5/6,mb1mx3.2/61,mbtmp3.4/6,ML3.2/4,Error
ellipse: s-maj=67.8km s-min=24.4km az=148.0

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

SIGU 04 23:25:14.5,45.76N:26.83E,h124km,mb4.0
ISC/BUC 04 23:25:14.7,0.2,45.73N:0.01,26.75E:0.02,h119km,2km,
mb3.8/12,Error ellipse: s-maj=2.4km s-min=2.0km

ISC 04 23:17:16.9,9.2,36.53N:0.63,52E,0.1,h24km,n7,1956/9,
Hindu Kush region

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

Table with columns: TESR, Tescani, Pogoanele, etc. Lists stations in Romania and other regions.

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

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

SJA 05 00:26:16.3±0.5, 2.7°63S:69.71W, h162km, 9km, ML2.7, MW2.8

GUC 05 00:26:16.7±0.6, 2.7°60S:69.68W, h87km, 8km, ML4.5

ISCJB 05 00:26:17.7±0.7, 2.7°61S:07.69W, h88km, Error ellipse: s-maj=12.3km s-min=5.7km az=34.6

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

ISCJB 05 00:31:36.8±0.3, 5.03S:0.05E, 151.12E:0.06E, h155km, mb4.2/28, Error ellipse: s-maj=8.7km s-min=6.2km

NEIC 00:31:36.8±0.9, 5.00S:151.17E, h141km, 9km, mb4.4/16, Error ellipse: s-maj=6.9km s-min=5.9km az=76.0

IDC 05 00:31:36.3±1.4, 5.02S:151.18E, h135km, 12km, mb4.0/19, mb1.4/21, mb1mx4.0/4.0, mbtmp4.4/21, Error ellipse: s-maj=13.1km s-min=8.9km az=113.0

ISC 05 00:31:38.3±0.5, 5.06S:0.06E, 151.17E:0.08E, h155km, n41, c19149/46, mb4.2/28, New Britain region

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

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

UPP 05 00:32:13.3±0.3, 6.7°82N:20.20E, h0km, ML1.2, Mining explosion.

CSEM 05 00:32:13.4±0.3, 6.7°80N:20.32E, h2km, ML1.2, Error ellipse: s-maj=6.7km s-min=5.5km az=110.0, Mining explosion.

HEL 05 00:32:13.9±0.1, 6.718N:20.23E, h0km, ML1.6, ML1.2(UPP), Explosion, Sweden

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

AREO ARCESS Array S 2.59 46 eP Sb

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

CSEM 05 00:39:39.3±0.1, 4.5°88N:1.42W, h2km, ML3.9/43, Error ellipse: s-maj=2.2km s-min=1.7km az=122.0

LDG 05 00:39:41.1±0.1, 4.5°89N:1.47W, h2km, Md3.9, M3.9/49, Error ellipse: s-maj=1.4km s-min=1.0km az=122.0

INMG 05 00:39:43.4±0.6, 4.6°02N:1.46W, h31km, ML2.7, Error ellipse: s-maj=3.6km s-min=5.5km az=115.0

STR 05 00:39:44.4±0.1, 4.5°71N:1.19W, h5km, M3.9, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

ISC 05 00:39:38.7±0.6, 4.5°88N:0.01E, 1.42W:0.02E, h7km, 4km, n274, c156/611, C, France

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

IDC 05 00:02:29.2±0.2, 4.35S:133.38E, h0km, mb4.0/1, mb1.4/15, mb1mx3.6/42, mbtmp3.9/5, ML3.8/4, MS2.8/1, Ms1.2/81, ms1mx2.3/32, Error ellipse: s-maj=120.1km s-min=24.2km az=78.0

ISCJB 05 00:02:29.8±0.4, 4.39S:0.05E, 133.43E:0.07E, h21km, mb4.7/10, Error ellipse: s-maj=10.4km s-min=5.9km az=154.7

NEIC 05 00:02:30.3±0.3, 4.40S:133.44E, h10km, mb4.2/8, Error ellipse: s-maj=8.4km s-min=6.6km az=74.0

DJA 05 00:02:31.7±0.6, 4.5°4S:133.4E, h10km, M4.2/5, mb4.7/1, MLV4.0/5

ISC 05 00:02:31.4±0.6, 4.44S:0.06E, 133.30E:0.06E, h21km, n24, c189/27, mb4.4/10, Irian Jaya region

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

ISCJB 05 00:02:29.2±0.2, 4.35S:133.38E, h0km, mb4.0/1, mb1.4/15, mb1mx3.6/42, mbtmp3.9/5, ML3.8/4, MS2.8/1, Ms1.2/81, ms1mx2.3/32, Error ellipse: s-maj=120.1km s-min=24.2km az=78.0

ISCJB 05 00:02:29.8±0.4, 4.39S:0.05E, 133.43E:0.07E, h21km, mb4.7/10, Error ellipse: s-maj=10.4km s-min=5.9km az=154.7

NEIC 05 00:02:30.3±0.3, 4.40S:133.44E, h10km, mb4.2/8, Error ellipse: s-maj=8.4km s-min=6.6km az=74.0

DJA 05 00:02:31.7±0.6, 4.5°4S:133.4E, h10km, M4.2/5, mb4.7/1, MLV4.0/5

ISC 05 00:02:31.4±0.6, 4.44S:0.06E, 133.30E:0.06E, h21km, n24, c189/27, mb4.4/10, Irian Jaya region

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

5d 1h

Table with columns: MCK, MCKinley, 50.89, 33, eP, P, 02 05 08.2 +0.6, etc. Lists various stations and their frequencies.

2011 FEB

Table with columns: SOKR, SKAG, AS01, Alice Springs, 57.90, 37, eP, P, 02 06 00.4 +1.9, etc. Lists various stations and their frequencies.

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Table with columns: C09A, HAWA, KBZ, Wollman Farm, 71.83, 44, eP, P, 02 07 30.2 +1.0, etc. Lists various stations and their frequencies.

Table with columns: ID, Name, Time, Date, Status, and other details. Includes entries like HRY Holter Researc, NBO02 NORSAR Array S, WAKR Walker, etc.

Table with columns: ID, Name, Time, Date, Status, and other details. Includes entries like BURAR Bucovina Array, CIS Catalina Islan, GSC Goldstone, etc.

Table with columns: ID, Name, Time, Date, Status, and other details. Includes entries like A30A Hofart Farm, G25A Newell, KSP Ksiaz, etc.

I28A	Midland	83.59	40	P	P	02 08 34.8	0.0
B34A	Aery, Baudette	83.60	33	P	P	02 08 34.2	-0.5
C33A	Trail	83.61	34	P	P	02 08 34.2	-0.6
J27A	Elkhorn Farm,	83.65	41	P	P	02 08 35.5	+0.3
H29A	Onida	83.65	39	P	P	02 08 34.7	-0.4
F31A	Hecla	83.78	37	P	P	02 08 35.6	-0.1
G30A	Faulkton	83.85	38	P	P	02 08 36.4	+0.3
MVCO	Mesa Verde	83.86	49	P	P	02 08 37.2	+0.6
MVCO	Mesa Verde	83.86	49	P	P	02 08 37.2	+0.6
PKSC	Moraggy	83.89	324	i/P	P	02 08 37.6	+1.0
ISCO	Idaho Springs	83.92	45	P	P	02 08 37.8	+0.8
ISCO	Idaho Springs	83.92	45	P	P	02 08 37.8	+0.8
ISCO	Idaho Springs	83.92	45	eP	P	02 08 38.2	+1.3
ISCO	Idaho Springs	83.92	45	eP	P	02 08 38.3	+1.3
ISCO	Idaho Springs	83.92	45	eP	P	02 08 38.3	+1.3
PMOR	Pomariorio Ree	83.94	113	eT	T	03 41 09.1	
J28A	Allard Ranch,	83.94	40	P	P	02 08 37.3	+0.6
CONA	Conrad Observa	83.96	326	i/PcP	P	02 08 37.8	+1.1
I29A	Vivian Onida	84.03	39	P	P	02 08 37.3	+0.3
VTS	Vitoshia	84.05	319	i/P	P	02 08 38.4	+1.1
VTS	Vitoshia	84.05	319	i/P	P	02 08 38.4	+1.1
VTS	Vitoshia	84.05	319	i/P	P	02 08 38.4	+1.1
KHC	Kasperske Hory	84.09	328	eP	P	02 08 37.7	+0.5
KHC	Kasperske Hory	84.09	328	eP	P	02 08 37.7	+0.5
KHC	Kasperske Hory	84.09	328	eP	P	02 08 37.7	+0.5
B35A	Bob, Littlefor	84.11	33	P	P	02 08 37.2	-0.1
GERES	GERESS Array B	84.25	328	P	P	02 08 38.0	-0.2
GERES	GERESS Array B	84.25	328	P	P	02 08 38.0	-0.2
GERES	GERESS Array B	84.25	328	P	P	02 08 38.0	-0.2
GERES	GERESS Array B	84.25	328	P	P	02 08 38.0	-0.2
GERES	GERESS Array B	84.25	328	P	P	02 08 38.0	-0.2
PPT	Papeete2	84.27	116	LR	LR	02 06 56.6	
PP2T	Papeete2	84.28	116	eLR	LR	02 06 56.6	
PP2T	Papeete2	84.28	116	eLR	LR	02 06 56.6	
PP2T	Papeete2	84.28	116	eLR	LR	02 06 56.6	
214A	Organ Pipe Nat	84.33	55	eP	P	02 08 39.4	+0.6
214A	Organ Pipe Nat	84.33	55	eP	P	02 08 39.4	+0.6
F32A	Veblen	84.33	36	P	P	02 08 38.5	0.0
K28A	Ten Mile Ranch	84.36	41	P	P	02 08 39.5	+0.7
D34A	Park Rapids	84.37	35	P	P	02 08 38.3	-0.4
E33A	Westby DABS, E	84.42	35	P	P	02 08 39.1	+0.2
SUSD	Miller	84.43	38	P	P	02 08 39.1	+0.1
J29A	Okreek	84.44	40	P	P	02 08 39.4	+0.3
C35A	Jirik Farms, M	84.48	34	P	P	02 08 38.8	-0.5
S22A	4UR Ranch, Cre	84.53	47	P	P	02 08 41.4	+1.3
S22A	4UR Ranch, Cre	84.53	47	P	P	02 08 41.4	+1.3
I30A	Oacoma	84.56	39	P	P	02 08 40.0	+0.3
G32A	Webster	84.58	37	P	P	02 08 40.1	+0.3
ARSA	Arzbe	84.62	326	i/P	P	02 08 39.8	-0.2
X18A	Snowflake	84.63	51	eP	P	02 08 41.6	+1.1
GRFO	Grafenberg	84.67	330	eP	P	02 08 40.7	+0.6
GRFO	Grafenberg	84.67	330	eP	P	02 08 40.7	+0.6
GRFO	Grafenberg	84.67	330	eP	P	02 08 40.7	+0.6
Q24A	Divide	84.74	46	eP	P	02 08 42.0	+0.9
MOA	Molin	84.75	327	i/PcP	P	02 08 41.0	+0.5
F33A	5 Mile Ranch,	84.76	36	P	P	02 08 40.9	+0.3
K29A	Lazy Trails An	84.79	40	P	P	02 08 42.1	+0.7
D35A	Remer	84.91	34	P	P	02 08 40.7	-0.7
J30A	Dallas	84.93	39	P	P	02 08 42.0	+0.4
C36A	Pine Crest Far	84.95	33	P	P	02 08 41.3	-0.3
EIL	Elat	85.01	303	LR	LR	02 50 44.6	
E35A	Pequot Lakes	85.13	35	P	P	02 08 41.9	-0.6
G33A	Ortonville	85.15	37	P	P	02 08 42.5	-0.1
G33A	Ortonville	85.15	37	P	P	02 08 42.5	-0.1
OGNE	Ogallala	85.20	42	P	P	02 08 43.5	+0.4
OGNE	Ogallala	85.20	42	P	P	02 08 43.5	+0.4
OGNE	Ogallala	85.20	42	P	P	02 08 43.5	+0.4
D36A	Goodland	85.24	33	P	P	02 08 42.5	-0.6
M28A	Bar X Bar Ranc	85.26	42	P	P	02 08 43.8	+0.4
PERS	Pernice	85.26	326	i/P	P	02 08 43.1	-0.1
SOKA	Soboth	85.27	326	i/PcP	P	02 08 43.3	0.0
C37A	Embarrass	85.28	35	P	P	02 08 42.9	-0.3
F34A	Alexandria	85.29	36	P	P	02 08 43.3	0.0
K30A	Basset	85.32	40	P	P	02 08 43.9	+0.3
SDCO	Great Sand Dun	85.33	47	P	P	02 08 45.2	+1.1
SDCO	Great Sand Dun	85.33	47	P	P	02 08 45.2	+1.1
J31A	Geddes	85.35	39	P	P	02 08 44.0	+0.3
H33A	Prehn Over Nor	85.37	37	P	P	02 08 44.0	+0.3
EYMN	Ely	85.41	32	P	P	02 08 44.4	+0.5
TUC	Tucson	85.47	54	P	P	02 08 44.9	+0.4
TUC	Tucson	85.47	54	P	P	02 08 44.9	+0.4
TUC	Tucson	85.47	54	P	P	02 08 44.9	+0.4
TUC	Tucson	85.47	54	P	P	02 08 44.9	+0.4
G34A	Benson	85.51	36	P	P	02 08 44.7	+0.3
F35A	Swanville	85.57	35	P	P	02 08 44.5	-0.2
MEH	Mehetia	85.58	115	eT	T	03 43 23.3	
D37A	Cotton	85.59	33	P	P	02 08 44.3	-0.5
M28A	Burnside Ranch	85.60	41	P	P	02 08 44.8	-0.2
N29A	Pribbeno Ranch	85.65	42	P	P	02 08 45.8	+0.5
E36A	McGregor	85.69	34	P	P	02 08 45.2	-0.1
J32A	Spencer Herefo	85.75	39	P	P	02 08 45.6	0.0
L30A	Spencer Herefo	85.77	41	P	P	02 08 45.6	-0.2
K31A	O'Neill	85.81	40	P	P	02 08 46.7	+0.7
H34A	Spellman Lake,	85.86	37	P	P	02 08 46.4	+0.3
O28A	Krutsinger Ran	85.90	43	P	P	02 08 47.1	+0.5

MEM	Membach	86.00	333	P	P	02 08 46.7	0.0
N29A	Votaw Ranch,	86.06	42	P	P	02 08 47.8	+0.5
G35A	Watkins	86.08	35	P	P	02 08 47.8	+0.6
L31A	Butterfield Fa	86.08	40	P	P	02 08 47.7	+0.4
ECSD	EROS Data Cent	86.12	38	P	P	02 08 47.6	+0.1
ECSD	EROS Data Cent	86.12	38	eP	P	02 08 47.6	+0.1
KSCO	Kaye Shedlock	86.17	44	P	P	02 08 48.6	+0.6
K32A	Verdigre	86.19	39	P	P	02 08 48.0	+0.1
STU	Stuttgart	86.22	330	eP	P	02 08 48.2	+0.4
STU	Stuttgart	86.22	330	eP	P	02 08 48.2	+0.4
J33A	Davis	86.24	38	P	P	02 08 48.4	+0.4
I34A	Hadley	86.27	37	P	P	02 08 48.7	+0.5
P28A	Saint Francis	86.29	43	P	P	02 08 49.2	+0.7
H35A	Sunnyside Ranch	86.30	36	P	P	02 08 49.1	+0.8
N30A	Huetfle Ranch,	86.37	42	P	P	02 08 49.3	+0.5
T25A	Trinidad	86.39	47	P	P	02 08 50.4	+1.2
T25A	Trinidad	86.39	47	eP	P	02 08 50.5	+1.3
G36A	St. Michael	86.42	35	P	P	02 08 49.2	+0.4
O29A	4D Ranch, Culb	86.45	42	P	P	02 08 49.8	+0.6
LAZ	Ladron	86.50	50	eP	P	02 08 50.5	+0.8
RETA	Albuquerque	86.56	329	i/PcP	P	02 08 50.0	+0.3
ANMO	Albuquerque	86.58	49	eP	P	02 08 50.9	+0.8
ANMO	Albuquerque	86.58	49	eP	P	02 08 50.9	+0.8
ANMO	Albuquerque	86.58	49	eP	P	02 08 50.9	+0.8
ANMO	Albuquerque	86.58	49	eP	P	02 08 50.9	+0.8
M31A	Lambrecht Ranch	86.59	41	P	P	02 08 50.0	+0.1
Q28A	Sharon Springs	86.60	44	P	P	02 08 50.4	+0.4
L32A	Elgin	86.64	40	P	P	02 08 50.5	+0.4
N32A	Welfe	86.72	334	P	P	02 08 50.3	+0.1
K33A	Hardington	86.73	39	P	P	02 08 51.0	+0.5
P29A	Atwood	86.73	43	P	P	02 08 51.0	+0.4
H36A	Jessenland, He	86.82	36	P	P	02 08 51.9	+1.0
O30A	MW Ranch, Wils	86.82	42	P	P	02 08 51.5	+0.5
I35A	Creekview Farm	86.84	37	P	P	02 08 51.7	+0.7
SPMN	Marine on St.	86.87	35	P	P	02 08 51.1	0.0
SPMN	Marine on St.	86.87	35	eP	P	02 08 51.5	+0.4
L33A	Hoskins	86.91	39	P	P	02 08 51.5	+0.1
BFO	Black Forest	86.92	330	eP	P	02 08 51.1	-0.2
BFO	Black Forest	86.92	330	eP	P	02 08 51.1	-0.2
FETA	Feichten	86.94	328	i/PcP	P	02 08 51.4	-0.2
N31A	Bailey Ranch,	86.97	41	P	P	02 08 51.5	-0.2
BGNE	Belgrade	86.99	40	P	P	02 08 51.8	0.0
BGNE	Belgrade	86.99	40	eP	P	02 08 51.8	0.0
319A	Douglas	87.05	54	eP	P	02 08 54.9	+2.5
J35A	Milford	87.09	37	P	P	02 08 52.4	+0.2
R28A	Tribune	87.10	44	P	P	02 08 52.7	+0.2
K34A	Le Mars	87.14	38	P	P	02 08 52.5	0.0
P30A	Le Mars	87.16	43	P	P	02 08 53.0	+0.3
I36A	Fitzsimmons Fa	87.19	36	P	P	02 08 52.8	+0.1
Q29A	Oakley	87.20	43	P	P	02 08 53.3	+0.4
O31A	Woolen Ranch,	87.24	42	P	P	02 08 53.1	+0.1
H37A	Dierke Farm, C	87.30	35	P	P	02 08 53.4	+0.2
M33A	Taylor Creek F	87.37	39	P	P	02 08 53.6	-0.1
R29A	Marienthal	87.43	44	P	P	02 08 54.7	+0.6
FUORN	Oleas-Fuorn	87.45	328	eP	P	02 08 54.5	+0.3
I37A	Lemond, Waseca	87.49	36	P	P	02 08 54.6	+0.5

Table with columns: ID, Name, Az, El, P, M, Time, Res. Includes stations like Bolivar, Abilene, Maddies Statio, etc.

Table with columns: Code, Station Name, Az, El, P, M, Time, Res. Includes stations like Las Campanas, Severo-Kuril's, etc.

Table with columns: Code, Station Name, Az, El, P, M, Time, Res. Includes stations like Pichilemu, Talagante, etc.

distances are expressed in km
THE 05:02:52:39.0, 38.42N-22.03E, h0km, 1ML3.5/5, Error ellipse: s-maj=1.7km s-min=0.5km az=117.0

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like VLX, LK2D, LK2D, etc.

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

KRSC 05:03:15:13.4±2.1, 48.74N×156.58E, h6km, 5km, ML3.9, East of Kuril Islands

IDC 05:03:15:48.0±1.3, 15.73S×172.96W, h0km, mb4.1/9, mb1 4.4/9, mb1mx4.1/40, mbtm4.1/9, MS3.7/11

NEIC 05:03:15:50.0±0.9, 15.33S×173.13W, h10km, mb4.2/7, Error ellipse: s-maj=64.1km s-min=11.2km az=147.0

ISC 05:03:15:52.9±1.3, 15.25S×173.10W±0.3, h29km, n30, s1562/19, mb4.2/16, MS3.7/9, Tonga Islands

Code Station Name Az Phase ID Time Res ISC. Lists stations like AFI, AFI, RAR, RAO, etc.

Code Station Name Az Phase ID Time Res ISC. Lists stations like AFI, AFI, RAR, RAO, etc.

IDC 04:08:23:0.1±1.36, 06°N×141°53E, h0km, mb3.6/7, mb1 3.7/12, mb1mx3.6/53, mbtm3.6/12, ML3.8/2, MS2.9/3

JMA 05:04:08:28.2±0.1, 36°10'N×141°18'E, h45km, 2km, M3.4, ISC 05:04:08:27.2±0.8, 36°10'N×141°32'E±0.7, h26km, n27, s1919/23, mb3.6/7, 2D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include MAT Matsushiro, ASAH Asahikawa, JCJ Chichijima, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include SKR Severo-Kuril's, PETK Petropavlovsk, COLA College, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include FONW Fourpeaked Sta, KAHC Katmai Hardscr, CDD Cape Douglas, etc.

IDC 05:04:09:07.7.1.1, 14:00'S:166:45E, h0km, mb3.8/8, mb1.4/1.9, mb1mx3.9/4.1, mbtmp3.9/3.9, ML4.6/1, MS3.6/7, Ms1.3/6.7, ms1mx3.3/3.5, Error ellipse: s-maj=39.1km s-min=20.9km az=134.0

ISCJB 05:04:59:12.0.0.7, 27:19N:140:09:140E:0.2, h443km, mb3.5/6, Error ellipse: s-maj=21.1km s-min=9.8km az=154.8

IDC 05:04:59:12.2.0.8, 27:19N:140:36E, h420km, 12km, mb3.1/6, mb1.3/3.6, mb1mx2.9/2.7, mbtmp3.9/6, Error ellipse: s-maj=37.9km s-min=22.1km az=86.0

ISCJB 05:04:09:11.9.0.7, 14:30'S:167:06'E:0.1, h43km, mb3.9/10, MS3.5/5, Error ellipse: s-maj=17.2km s-min=9.5km az=179.0

IDC 05:04:59:12.2.0.7, 19N:140:36E, h420km, 12km, mb3.1/6, mb1.3/3.6, mb1mx2.9/2.7, mbtmp3.9/6, Error ellipse: s-maj=37.9km s-min=22.1km az=86.0

JMA 05:04:59:15.0.0.2, 27:48N:140:95E, h424km, MS3.6

ISCJB 05:04:09:11.9.0.7, 14:30'S:167:06'E:0.1, h43km, mb3.9/10, MS3.5/5, Error ellipse: s-maj=17.2km s-min=9.5km az=179.0

ISC 05:04:59:13.3.0.9, 27.1N:140.6E:0.2, h443km, n16, s1505/17, mb3.4/6, Bonin Islands region

ISCJB 05:04:59:12.2.0.7, 19N:140:36E, h420km, 12km, mb3.1/6, mb1.3/3.6, mb1mx2.9/2.7, mbtmp3.9/6, Error ellipse: s-maj=37.9km s-min=22.1km az=86.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include DZM Mont Dzumac, DZM 0.6nm, 0.3s, bazz=180, slow=20, SNR=2.2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CBJJ Chichi jima, CBJJ Chichijima, JHHJ Haha-jima-NKT, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include MID Middleton Is, SWZ Sheep Creek Mo, PNL Peninsula, etc.

IDC 05:04:12:21.6.2.0, 6.77'S:128.97E, h0km, mb3.5/1, mb1.3/7.4, mb1mx3.5/3.8, mbtmp3.5/4, ML3.3/3, Error ellipse: s-maj=87.5km s-min=27.4km az=75.0, Banda Sea

NNC 05:05:12:19.6.3.6, 37:91N:72:23E, h0km, mb3.8, mpv3.4, Error ellipse: s-maj=31.7km s-min=11.8km az=149.0

ISC 05:05:12:03.3.3, 37.7N:0.2:72.3E:0.1, h113km, n9, s152/123, 5C-3D, Tajikistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include FITZ Fitzroy Crossi, WRA Warrungarra Arr, WRA Warrungarra Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include DZET Dzerino, AML Alamayushu, MNAS Manas, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include BARK Barkley Ridge, ISLE Juniper Island, MCK McKinley, etc.

IDC 05:04:22:36.3.1.6, 14:20'S:166:39E, h0km, mb4.0/6, mb1.4/2.7, mb1mx3.9/2.9, mbtmp4.0/7, ML3.7/1, MS3.2/3, Ms1.3/2.3, ms1mx2.8/3.4, Error ellipse: s-maj=46.6km s-min=28.9km az=119.0, Vanuatu Islands

MOS 05:05:27:47.2.0.9, 57:70N:153:91W, h35km, mb4.9/36, Error ellipse: s-maj=11.9km s-min=5.1km az=85.6

ISCJB 05:04:59:12.2.0.7, 19N:140:36E, h420km, 12km, mb3.1/6, mb1.3/3.6, mb1mx2.9/2.7, mbtmp3.9/6, Error ellipse: s-maj=37.9km s-min=22.1km az=86.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include DZM Mont Dzumac, DZM 1.1nm, 0.3s, bazz=179, slow=2.3, SNR=14, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include DZET Dzerino, AML Alamayushu, MNAS Manas, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include BARK Barkley Ridge, ISLE Juniper Island, MCK McKinley, etc.

IDC 05:04:44:59.8.1.2, 46:167N:155:60E, h0km, mb3.9/7, mb1.4/0.8, mb1mx3.5/7.0, mbtmp3.8/8, ML2.5/1, Error ellipse: s-maj=31.9km s-min=26.0km az=97.0

ISCJB 05:04:59:12.2.0.7, 19N:140:36E, h420km, 12km, mb3.1/6, mb1.3/3.6, mb1mx2.9/2.7, mbtmp3.9/6, Error ellipse: s-maj=37.9km s-min=22.1km az=86.0

ISCJB 05:04:59:12.2.0.7, 19N:140:36E, h420km, 12km, mb3.1/6, mb1.3/3.6, mb1mx2.9/2.7, mbtmp3.9/6, Error ellipse: s-maj=37.9km s-min=22.1km az=86.0

ISCJB 05:04:59:12.2.0.7, 19N:140:36E, h420km, 12km, mb3.1/6, mb1.3/3.6, mb1mx2.9/2.7, mbtmp3.9/6, Error ellipse: s-maj=37.9km s-min=22.1km az=86.0

ISCJB 05:04:59:12.2.0.7, 19N:140:36E, h420km, 12km, mb3.1/6, mb1.3/3.6, mb1mx2.9/2.7, mbtmp3.9/6, Error ellipse: s-maj=37.9km s-min=22.1km az=86.0

ISCJB 05:04:59:12.2.0.7, 19N:140:36E, h420km, 12km, mb3.1/6, mb1.3/3.6, mb1mx2.9/2.7, mbtmp3.9/6, Error ellipse: s-maj=37.9km s-min=22.1km az=86.0

SKHL 05:04:45:07.0.6.4, 47:03N:155:63E, h55km, 2km

ISCJB 05:04:59:12.2.0.7, 19N:140:36E, h420km, 12km, mb3.1/6, mb1.3/3.6, mb1mx2.9/2.7, mbtmp3.9/6, Error ellipse: s-maj=37.9km s-min=22.1km az=86.0

ISCJB 05:04:59:12.2.0.7, 19N:140:36E, h420km, 12km, mb3.1/6, mb1.3/3.6, mb1mx2.9/2.7, mbtmp3.9/6, Error ellipse: s-maj=37.9km s-min=22.1km az=86.0

NEW	comp=Z,134nm,19.9s,baz=308,slow=34	LR	LR	05 41 03.0					
NEW	Newport	23.61 98	P	P	05 32 57.6 +1.2				
NEW	Newport	23.61 98	eP	P	05 32 58.3 +2.0				
I04A	Tendick Farm,	23.84 112	P	P	05 33 00.0 +1.5				
I05D	Terrebonne, OR	23.99 110	P	P	05 33 00.8 +1.0				
J04D	Umpqua Nationa	24.39 113	P	P	05 33 05.4 +1.6				
G08A	Pilot Rock	24.55 105	eP	P	05 33 07.2 +2.1				
J05D	Fort Rock, OR	24.80 111	P	P	05 33 09.1 +1.7				
BSMT	Bassoo Peak	25.11 96	eP	P	05 33 11.6 +1.4				
YBH	Yreka Blue Hor	25.23 116	P	P	05 33 12.3 +1.1				
YBH	comp=Z,4.8nm,0.8s,baz=351,slow=3.0,SNR=9.5	LR	LR	05 40 37.7					
YBH	comp=Z,117nm,21.6s,baz=334,slow=30								
YBH	Yreka Blue Hor	25.23 116	eP	P	05 33 14.8 +3.6				
K05A	Summer Lake	25.38 112	eP	P	05 33 16.1 +3.4				
M02C	Callahan	25.42 116	P	P	05 33 15.0 +2.1				
JTMT	Jette	25.44 96	eP	P	05 33 15.3 +2.2				
M04C	Macdoel	25.61 115	P	P	05 33 16.2 +1.4				
BMO	Blue Mountains	25.71 104	eP	P	05 33 17.7 +2.2				
SWMT	Swartz Lake	25.74 96	eP	P	05 33 16.9 +1.1				
N02D	Trinity Center	25.81 117	P	P	05 33 18.6 +2.1				
MSO	Missoula	26.19 97	P	P	05 33 20.8 +0.9				
SEY	Seymchan	26.60 304	P	P	05 33 21.1 -2.2				
O03D	Paynes Creek	26.77 117	P	P	05 33 26.6 +1.4				
MFID	Camas Ranch	27.47 105	eP	P	05 33 33.1 +1.7				
RES	Resolute Bay	27.49 29	P	P	05 33 32.5 +1.2				
RES	Resolute Bay	27.49 29	eP	P	05 33 33.7 +2.5				
RES	Resolute Bay	27.49 29	eP	P	05 33 33.7 +2.5				
PETK	Petrovlovsk	27.57 282	P	P	05 33 30.5 -1.6				
OHCM	Honcut	27.67 117	eP	P	05 33 34.9 +1.7				
EGMT	Eagleton	27.70 91	P	P	05 33 33.8 +0.3				
HLID	Hailey	28.10 103	P	P	05 33 37.2 0.0				
BOZ	Bozeman (W)	28.18 97	P	P	05 33 38.6 +0.7				
MA2	Magadan	28.34 298	LR	LR	05 44 46.5				
BMN	Battle Mountai	28.92 111	eP	P	05 33 46.5 +2.0				
BMN	Battle Mountai	28.92 111	eP	P	05 33 46.5 +2.0				
WAKR	Walker	29.31 116	eP	P	05 33 50.5 +2.6				
ELK	Elko	29.70 108	P	P	05 33 53.1 +1.7				
ELK	Elko	29.70 108	eP	P	05 33 53.8 +2.4				
ELK	Elko	29.70 108	eP	P	05 33 53.8 +2.4				
IMW	Indian Meadow	29.71 99	eP	P	05 33 53.4 +1.8				
FLWY	Flagg Ranch	29.71 98	eP	P	05 33 54.1 +2.6				
NV01	Mina Array Sit	29.92 115	eP	P	05 33 55.6 +2.2				
NVAR	Mina Array Bea	29.92 115	P	P	05 33 56.0 +2.6				
NVAR	comp=Z,3.8nm,0.8s,baz=304,slow=9.1,SNR=28	P	P	05 36 55.6 +0.6					
NVAR	comp=Z,1.0nm,0.7s,baz=292,slow=1.8,SNR=7.4	LR	LR	05 43 58.9					
NV11	Mina Array Sit	29.99 114	eP	P	05 33 56.7 +2.7				
FCC	Fort Church Hill	30.48 62	eP	P	05 33 58.6 +0.9				
FCC	Fort Churchill	30.48 62	eP	P	05 33 58.7 +0.9				
A25A	Svangstu Ranch	30.73 84	P	P	05 34 00.7 +0.5				
BW06	Boulder Array	31.22 99	P	P	05 34 06.3 +1.5				
PDAR	Pinedale Array	31.22 99	P	P	05 34 06.3 +1.5				
PDAR	comp=Z,1.2nm,0.7s,baz=323,slow=4.5,SNR=13	P	P	05 34 17.7 +0.5					
PDAR	comp=Z,1.0nm,0.6s,baz=323,slow=4.7,SNR=7.0	LR	LR	05 45 26.0					
R11A	Troy Canyon, C	31.33 111	eP	P	05 34 07.9 +2.1				
R11A	Troy Canyon, C	31.33 111	eP	P	05 34 08.2 +2.4				
DUG	Dugway, Tooele	31.35 106	P	P	05 34 06.6 +0.7				
GRAC	Grapevine Rang	31.50 115	P	P	05 34 09.2 +2.1				
VES	Vestal, Richgr	31.61 119	P	P	05 34 10.0 +2.0				
NLU	North Lily Min	31.91 106	eP	P	05 34 12.8 +1.9				
C26A	Walner Farm, P	31.94 85	P	P	05 34 12.1 +1.3				
ISA	Isabella, Lake	32.04 118	P	P	05 34 13.5 +1.6				
PKM	Mcpherson Peak	32.05 121	P	P	05 34 14.1 +2.0				
FURC	Furnace Creek,	32.12 115	P	P	05 34 15.3 +2.4				
MPMC	Manual Prospec	32.19 116	P	P	05 34 15.1 +1.7				
ARVC	Arvin	32.31 119	P	P	05 34 15.7 +1.5				
C27A	Saylor Ranch,	32.32 85	P	P	05 34 15.0 +0.8				
SBC	Santa Barbara	32.46 121	P	P	05 34 17.0 +1.5				
B28A	Dugan Ranch, T	32.49 83	P	P	05 34 16.0 +0.3				
LRCM	Laurel Mtn Rad	32.57 117	P	P	05 34 18.6 +2.0				
E26A	Carlson Angus	32.58 88	P	P	05 34 16.5 0.0				
A29A	Manning Farm,	32.81 82	P	P	05 34 18.9 +0.4				
F26A	Lodgepole	32.86 89	P	P	05 34 19.5 +0.5				
G25A	Newell	32.88 90	P	P	05 34 20.5 +1.3				
EDW2	Edwards Air Fo	32.91 118	P	P	05 34 21.3 +1.8				
K22A	Casper	32.91 96	P	P	05 34 21.2 +1.5				
MSU	Marysvalde	32.93 107	eP	P	05 34 22.9 +3.0				
BLG	Laguna Peak, P	32.94 120	P	P	05 34 21.8 +1.2				
GSC	Goldstone, Bar	33.13 116	P	P	05 34 23.6 +2.1				
GSC	Goldstone, Bar	33.13 116	eP	P	05 34 24.2 +2.7				
GSC	Goldstone, Bar	33.13 116	eP	P	05 34 24.2 +2.7				
Q16A	Castle Valley	33.15 106	eP	P	05 34 24.9 +3.2				
F27A	Lemmon	33.19 88	P	P	05 34 22.7 +0.8				
TX1A	Tiksi	33.24 326	eP	P	05 33 20.5 -1.4				
TIXI	Tiksi	33.24 326	iP	P	05 34 20.4 -1.6				
RSSD	Black Hills	33.25 92	P	P	05 34 24.2 +1.6				

RSSD	Black Hills	33.25 92	eP	P	05 34 24.2 +1.6				
RSSD	Black Hills	33.25 92	eP	P	05 34 24.2 +1.6				
G26A	Maurine	33.26 89	P	P	05 34 22.9 +0.5				
MDND	Maddock	33.26 83	P	P	05 34 23.7 +1.4				
A30A	Hoffart Farm,	33.29 81	P	P	05 34 23.4 +0.7				
SRU	San Rafael Swe	33.34 105	eP	P	05 34 26.1 +2.7				
SRU	San Rafael Swe	33.34 105	eP	P	05 34 26.1 +2.7				
I25A	Rochford	33.48 92	P	P	05 34 24.9 +0.3				
G27A	Dupree	33.56 89	P	P	05 34 26.3 +1.2				
B30A	Myrvik Farm, E	33.57 82	P	P	05 34 25.9 +0.8				
BFSC	Mount Baldy Ra	33.59 119	P	P	05 34 26.4 +0.8				
H26A	Fairpoint	33.60 90	P	P	05 34 26.5 +1.0				
HEC	Hector,Ludlow	33.74 116	P	P	05 34 28.7 +1.9				
O20A	White River Ci	33.78 101	P	P	05 34 28.4 +1.2				
O20A	White River Ci	33.78 101	eP	P	05 34 28.9 +1.7				
ULM	La du Bonnet	33.81 77	P	P	05 34 27.6 +0.4				
ULM	comp=Z,2.9nm,0.8s,baz=291,slow=9.3,SNR=4.1	LR	LR	05 48 16.4					
F28A	McLaughlin	33.86 87	P	P	05 34 28.9 +1.2				
H27A	Hoves	33.97 90	P	P	05 34 29.4 +0.8				
GMRC	Granite Mounta	34.10 116	P	P	05 34 32.0 +2.0				
D30A	Buchanan	34.16 84	P	P	05 34 31.8 +1.5				
C31A	Landman Farms,	34.29 82	P	P	05 34 32.0 +0.7				
J26A	Sides Ranch, S	34.31 92	P	P	05 34 32.2 +0.6				
N23A	Red Feather La	34.45 98	P	P	05 34 34.1 +1.0				
U15A	North Rim	34.47 110	eP	P	05 34 35.9 +2.6				
H28A	Mission Ridge	34.51 89	P	P	05 34 34.9 +1.7				
PV09	Paradox Valley	34.52 104	eP	P	05 34 35.8 +2.0				
BELC	Belle Mtn. Jos	34.57 117	P	P	05 34 36.0 +1.9				
PV10	Paradox Valley	34.66 104	eP	P	05 34 37.5 +2.6				
PFO	Pinyon Flats O	34.67 118	P	P	05 34 36.3 +1.4				
PFO	Pinyon Flats O	34.67 118	eP	P	05 34 37.0 +2.1				
PFO	Pinyon Flats O	34.67 118	eP	P	05 34 37.0 +2.1				
PV04	Paradox Valley	34.72 104	eP	P	05 34 36.8 +1.5				
PV05	Paradox Valley	34.85 105	eP	P	05 34 38.4 +1.9				
IRM	Iron Mountain	34.86 116	P	P	05 34 37.7 +2.3				
I28A	Midland	34.88 90	P	P	05 34 38.4 +1.0				
109C	Camp Elliot, M	34.96 119	P	P	05 34 39.0 +1.8				
AGMN	Agassiz Nation	34.97 80	P	P	05 34 37.6 +0.4				
PV01	Paradox Valley	35.08 104	eP	P	05 34 40.5 +1.9				
BC3	Big Chuckawall	35.12 116	P	P	05 34 40.3 +1.6				
SMCO	Snowmass	35.15 101	eP	P	05 34 41.2 +1.9				
G30A	Faulon	35.22 87	P	P	05 34 40.7 +1.3				
PDMC	Parker Dam,Lak	35.23 114	P	P	05 34 41.6 +2.0				
MONP	Monument Peak	35.28 118	P	P	05 34 42.1 +1.8				
I29A	Vivian Onida	35.33 89	P	P	05 34 41.1 +0.8				
ISCO	Idaho Springs	35.41 99	P	P	05 34 42.2 +0.7				
Y12C	Blythe	35.49 115	eP	P	05 34 43.9 +2.2				
B34A	Ary, Baudette	35.50 79	P	P	05 34 42.6 +0.8				
SWSC	Sam W. Stewart	35.53 118	P	P	05 34 43.6 +1.5				
K28A	Ten Mile Ranch	35.64 92	P	P	05 34 43.6 +0.5				
WUAZ	Wupatki	35.65 110	P	P	05 34 44.2 +0.9				
WUAZ	Wupatki	35.65 110	eP	P	05 34 45.9 +2.6				
J29A	Okreek	35.73 90	P	P	05 34 44.9 +1.1				
MVCO	Mesa Verde	35.82 105	P	P	05 34 46.4 +1.5				
MVCO	Mesa Verde	35.82 105	eP	P	05 34 46.5 +1.6				
I30A	Oacoma	35.87 89	P	P	05 34 46.0 +1.0				
GLA	Glamis	35.91 116	P	P	05 34 47.1 +1.7				
B35A	Bob, Littlefor	36.06 78	P	P	05 34 47.1 +0.5				
D34A	Par Rapids	36.08 81	P	P	05 34 47.1 +0.4				
Y14A	Wickenburg	36.08 113	eP	P	05 34 49.5 +2.5				
J30A	Dallas	36.23 89	P	P	05 34 48.7 +0.6				
Q24A	Divide	36.27 100	P	P	05 34 50.1 +1.3				
S22A	4UR Ranch, Cre	36.28 103	P	P	05 34 50.1 +1.2				
NKL	Nikolayevsk	36.29 292	iP	P	05 34 47.0 -1.4				
X16A	Lo Mia Camp, P	36.48 111	eP	P	05 34 53.5 +3.0				
TYV	Timovskoye	36.60 288	eP	P	05 34 53.5 +2.4				
G33A	Ortonville	36.63 85	P	P	05 34 52.3 +0.9				
D15A	Remer	36.69 80	P</						

Table of station data for 5d 5h, including columns for station name, frequency, power, and other parameters. Includes stations like Z35A, V37A, X39A, U40A, Y36A, etc.

Table of station data for 2011 FEB, including columns for station name, frequency, power, and other parameters. Includes stations like VRH, CLL, VSR, VORD, MOX, etc.

Table of station data for CSEM 05:05:29:05.8:0.5:37:13N:27:79E, including columns for station name, frequency, power, and other parameters. Includes stations like BDRM, YER, YER, etc.

5d 7h

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like Palmer, Coldfoot, Kashi, Borovoye Array, etc.

ISCJB 05 06:46:23.9, 0.3, 23.48N, 0.02:121.67E, 0.02, h29km, 2km, Error ellipse: s-maj=3.6km, s-min=2.3km, az=41.7

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like Jichi Village, Hungye, Yuli, Shilin, etc.

2011 FEB

Main table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like ENA, WNT, CHN4, WTP, NNS, WGK, etc.

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Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like SPN, ESO, KMRN, etc.

GUC 05 07:02:22.8, 0.4, 36.95S, 73.49W, h17km, 2km, ML3.7

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like San Pedro de C, Cobquecura, Chillan, etc.

DDA 05 07:17:00.6, 37.91N, 29.05E, h10km, M4.0

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like UZP, Denizli, KHAL, etc.

ISC 05 07:17:01.7, 0.9, 37.93N, 0.02:29.07E, 0.02, h10km, 7km, n164, r132/207, 13C-4D, Turkey

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like Severo-Kuril's, Kauai, etc.

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h	m	s	ISC
SMG	Samos	1.78 264	P	Pn	07 17 31.8 -0.8					
SMG	Kastellorizon	1.82 167	S	Sb	07 17 35.1 -0.1					
KSL	Kastellorizon	1.82 167	S	Sb	07 17 35.2 0.0					
KSL	Kastellorizon	1.82 167	S	Sb	07 17 35.1 +0.1					
ARG	Arkhangelos	1.87 204	S	Sn	07 17 34.6 +0.8					
ARG	Arkhangelos	1.87 204	S	Sn	07 17 34.6 +0.8					
ARG	Arkhangelos	1.87 204	S	Sn	07 17 34.6 +0.8					
BALB	Balikesir	1.95 332	ePN	Sb	07 17 38.5 +1.3					
BALB	Balikesir	1.95 332	ePN	Sb	07 17 38.6 +1.3					
URLA	Izmir	2.00 283	P	Sg	07 17 34.6 +0.8					
URLA	Izmir	2.00 283	P	Sg	07 18 06.4 +0.5					
URLA	Izmir	2.00 283	P	Sg	07 17 38.0 -0.2					
NIS1	Nisyros Isl.	2.00 229	ePN	Sb	07 17 36.4 +0.7					
NIS1	Nisyros Isl.	2.00 229	ePN	Sb	07 17 36.3 +0.3					
DKL	Dikili	2.04 305	ePN	Sb	07 17 39.3 -0.3					
DKL	Dikili	2.04 305	ePN	Sb	07 17 39.3 -0.3					
ESKT	Eskisehir	2.12 41	iP	Sg	07 17 39.9 -0.5					
SEVT	Eskypehr	2.12 41	iP	Sg	07 17 39.8 -0.5					
SEVT	Orhaneli	2.12 356	ePN	Sb	07 18 11.6 +1.8					
ORLH	Orhaneli	2.12 356	ePN	Sb	07 17 41.7 +1.3					
BALY	Balya	2.13 228	iP	Pn	07 17 37.4 -0.2					
BALY	Balya	2.13 228	iP	Pn	07 18 10.2 -0.1					
ULDT	Uludag	2.21 1	iP	Sg	07 17 43.2 +1.2					
ULDT	Uludag	2.21 1	iP	Sg	07 18 15.4 +2.5					
BORA	Eskisehir	2.23 29	iP	Pn	07 17 42.6 +0.4					
BORA	Eskisehir	2.23 29	iP	Pn	07 18 08.0 +1.4					
BORA	Eskisehir	2.23 29	iP	Pn	07 17 42.6 +0.4					
AYVA	Ayvalik	2.32 307	iP	Pn	07 17 39.9 -0.1					
PRKA	Bursa	2.34 3	iP	Pn	07 17 42.4 +0.2					
IGD	Bursa	2.34 3	iP	Pn	07 17 45.5 +1.5					
IGD	Bursa	2.34 3	iP	Pn	07 18 19.5 +2.7					
CAVI	Cavuskoj	2.35 15	ePN	Sb	07 17 44.8 +0.5					
CAVI	Cavuskoj	2.35 15	ePN	Sb	07 17 44.8 +0.5					
KCTX	Karacabey (Bur	2.40 347	ePN	Sb	07 17 45.2 +0.1					
KCTX	Karacabey (Bur	2.40 347	ePN	Sb	07 17 45.2 +0.1					
CHOS	Chios Island	2.42 282	ePN	Pn	07 17 43.3 +1.8					
CHOS	Chios Island	2.42 282	ePN	Pn	07 17 43.3 +1.8					
IZI	Iznik	2.43 7	ePN	Pb	07 17 46.0 +0.4					
IZI	Iznik	2.43 7	ePN	Pb	07 17 46.0 +0.4					
MDNY	Mudanya-Bursa	2.44 357	ePN	Pb	07 17 46.0 +0.2					
MDNY	Mudanya-Bursa	2.44 357	ePN	Pb	07 17 46.0 +0.2					
SVRH	Sivrihisar-ESK	2.45 51	ePN	Pb	07 17 45.6 -0.4					
SVRH	Sivrihisar-ESK	2.45 51	ePN	Pb	07 17 45.6 -0.4					
KDHN	Kadinahani	2.47 75	iP	Pn	07 17 42.4 +0.2					
GEMT	Gemlik	2.51 2	ePN	Pb	07 17 47.1 +0.0					
GEMT	Gemlik	2.51 2	ePN	Pb	07 17 47.1 +0.0					
GPA	Golparazi	2.55 22	ePN	Pb	07 17 47.9 +0.3					
GPA	Golparazi	2.55 22	ePN	Pb	07 17 47.9 +0.3					
PRK	Paraskevi	2.56 302	P	Pn	07 17 42.0 -1.3					
PRK	Paraskevi	2.56 302	P	Pn	07 18 09.9 -5.5					
PRK	Paraskevi	2.56 302	P	Pn	07 17 42.1 -1.2					
ADVT	Abdulvahap	2.56 12	ePN	Pb	07 17 48.3 +0.6					
ADVT	Abdulvahap	2.56 12	ePN	Pb	07 17 48.3 +0.6					
EDC	Edincik	2.59 339	ePN	Pb	07 17 47.5 -0.8					
EDC	Edincik	2.59 339	ePN	Pb	07 17 47.5 -0.8					
KONT	Konya-Tatoy	2.60 83	ePN	Pb	07 17 47.1 -1.5					
KONT	Konya-Tatoy	2.60 83	ePN	Pb	07 17 47.1 -1.5					
LADK	Ladik-KONYA	2.62 83	ePN	Pb	07 17 47.5 -1.3					
LADK	Ladik-KONYA	2.62 83	ePN	Pb	07 17 47.5 -1.3					
KNL	Badir-kesir	2.63 333	iP	Pn	07 17 44.5 +0.2					
KNL	Badir-kesir	2.63 333	iP	Pn	07 17 44.5 +0.2					
ARMT	Armutlu	2.64 357	ePN	Pb	07 17 49.1 -0.1					
ARMT	Armutlu	2.64 357	ePN	Pb	07 17 49.1 -0.1					
AUMIH	MIHALICIK	2.70 43	iP	Sg	07 17 52.1 +1.7					
AUMIH	MIHALICIK	2.70 43	iP	Sg	07 18 33.5 +4.8					
AUMIH	MIHALICIK	2.70 43	iP	Sg	07 17 52.1 +1.7					
GULT	Gulveren	2.74 24	ePN	Pb	07 17 50.2 -1.8					
GULT	Gulveren	2.74 24	ePN	Pb	07 17 50.2 -1.8					
KARP	Karpathos	2.83 213	P	Pn	07 17 46.8 -0.2					
KARP	Karpathos	2.83 213	P	Pn	07 17 46.8 -0.2					
SIGR	SIGRI	2.83 298	ePN	Pb	07 17 46.9 +2.9					
SIGR	SIGRI	2.83 298	ePN	Pb	07 17 46.9 +2.9					
SIGR	SIGRI	2.83 298	ePN	Pb	07 17 46.9 +2.9					
MRMT	Marmara Adasi	2.91 337	ePN	Pb	07 17 52.2 -1.5					
MRMT	Marmara Adasi	2.91 337	ePN	Pb	07 17 52.2 -1.5					
SPNC	Sapanca-Adapaz	2.92 19	ePN	Pb	07 17 53.0 -0.9					
SPNC	Sapanca-Adapaz	2.92 19	ePN	Pb	07 17 53.0 -0.9					
BUY	Buyukada	2.92 1	iP	Sg	07 18 02.0 +2.3					
BUY	Buyukada	2.92 1	iP	Sg	07 18 36.0 +0.4					
HRT	Hereke	2.93 9	ePN	Pb	07 17 53.0 -1.1					
HRT	Hereke	2.93 9	ePN	Pb	07 17 53.0 -1.1					
APE	Apeiranthos	2.94 254	ePN	Pb	07 17 50.4 +1.8					
APE	Apeiranthos	2.94 254	ePN	Pb	07 17 53.7 -0.6					
APE	Apeiranthos	2.94 254	ePN	Pb	07 17 53.7 -0.6					
APE	Apeiranthos	2.94 254	ePN	Pb	07 17 48.9 +0.3					
APE	Apeiranthos	2.94 254	ePN	Pb	07 17 48.9 +0.3					
MDJB	Mudurnu	3.03 32	ePN	Pb	07 17 54.5 -1.4					
MDJB	Mudurnu	3.03 32	ePN	Pb	07 17 54.5 -1.4					
BTAS	Taskesti	3.04 29	iP	Sg	07 17 58.7 +2.7					
BTAS	Taskesti	3.04 29	iP	Sg	07 18 39.8 +0.5					
ISK	Istanbul-Kandi	3.13 360	ePN	Pb	07 17 55.3 -2.3					
ISK	Istanbul-Kandi	3.13 360	ePN	Pb	07 17 55.3 -2.3					
SILT	Sile	3.25 8	ePN	Pb	07 17 58.0 -1.6					
SILT	Sile	3.25 8	ePN	Pb	07 17 58.0 -1.6					
BGKT	Bogazkoj	3.26 356	ePN	Pb	07 17 58.0 -1.7					
BGKT	Bogazkoj	3.26 356	ePN	Pb	07 17 58.0 -1.7					
KLYT	Kilyos	3.32 360	ePN	Pb	07 17 58.4 -2.4					
KLYT	Kilyos	3.32 360	ePN	Pb	07 17 58.4 -2.4					
CTKS	Kestanelik-??a	3.33 353	ePN	Pb	07 17 58.8 -2.2					
CTKS	Kestanelik-??a	3.33 353	ePN	Pb	07 17 58.8 -2.2					
LIA	Limnos Island	3.61 304	P	Sn	07 17 58.1 +0.3					
LIA	Limnos Island	3.61 304	P	Sn	07 18 38.4 -2.1					
LIA	Limnos Island	3.61 304	P	Sn	07 17 58.1 +0.3					
ZKR	Zakros	3.62 220	P	Pn	07 17 59.3 +1.3					
ZKR	Zakros	3.62 220	P	Pn	07 17 59.3 +1.3					
SMTH	Samothraki Isl	3.74 314	S	Sn	07 18 37.6 -6.1					
SMTH	Samothraki Isl	3.74 314	S	Sn	07 18 37.6 -6.1					
SMTH	255um,0.3s		AML	AML	07 18 46.3					
SMTH	180um,0.3s		AML	AML	07 18 46.3					
SMTH	Samothraki Isl	3.74 314	P	Pn	07 17 59.6 0.0					
SMTH	Samothraki Isl	3.74 314	P	Pn	07 17 59.6 0.0					
ALN	Alexandroupoli	3.78 323	P	Pn	07 18 00.1 0.0					
ALN	Alexandroupoli	3.78 323	P	Pn	07 18 00.1 0.0					
NPS	Neapolis	3.85 227	P	Pn	07 18 02.0 +1.0					
NPS	Neapolis	3.85 227	P	Pn	07 18 02.0 +1.0					
LAST	Lasithi	4.00 227	iP	Pn	07 18 03.9 +0.8					
LAST	Lasithi	4.00 227	iP	Pn	07 18 03.9 +0.8					
BRTR	Reskin Array B	4.02 62	Pn	Pn	07 18 04.0 +0.7					
BRTR	1.1nm,0.3s,baz=241,slo=14,SNR=5		Sn	Sn	07 18 50.0 -0.3					
IDI	Anovia	4.27 233	Pn	Pn	07 18 07.1 +0.2					
IDI	2.1nm,0.3s,baz=36,slo=11,SNR=10		Pn	Pn	07 18 11.7 +1.8					
SIVA	Sivas	4.49 231	iP	Pn	07 18 11.7 +1.8					
SIVA	Sivas	4.49 231	iP	Pn	07 18 11.7 +1.8					
VTS	Vitosha	6.46 318	iP	Pn	07 18 38.4 +1.3					
VTS	Vitosha	6.46 318	iP	Pn	07 18 38.4 +1.3					
TIRR	Tirgouor	6.54 356	iP	Pn	07 18 34.1 -3.9					
MMAI	Mount Meron Ar	12m,0.3s,baz=311,slo=12,SNR=7	Pn	Pn	07 18 45.0 -1.1					
MMAI	4.0nm,0.3s,baz=316,slo=26,SNR=6.8		Sn	Sn	07 20 05.0 -2.1					
CFR	Carcaliu	7.28 355	iP	Pn	07 18 45.1 -3.0					
CFR	Muntele Rosu	7.91 344	Pn	Pn	07 18 58.4 +1.4					
CFR	0.1nm,0.3s,baz=312,slo=14,SNR=4.2		Pn	Pn	07 18 56.5 -0.4					
MLR	Muntele Rosu	7.91 344	iP	Pn	07 18 56.5 -0.4					
VOIR	Jabal al Asfar	8.08 339	iP	Pn	07 18 53.9 -1.0					
VOIR	Jabal al Asfar	8.08 339	iP	Pn	07 18 53.9 -1.0					
ADSV	Jabal al Asfar	8.61 129	Pn	Pn	07 19 06.0 -0.6					
ADSV	0.4nm,0.3s,baz=277,slo=3,SNR=3.2		Pn	Pn	07 19 09.3 +0.2					
MDVR	Moldovita	8.80 323	iP	Pn	07 19 17.7 -0.7					
BZS	Buzias	9.48 326	iP	Pn	07 19 17.7 -0.7					
EIL	Elat	9.58 148	Pn	Pn	07 19 18.1 -1.6					
FINES	FINES Array B	23.62 356	P	P	07 22 12.7 0.0					
FINES	2.1nm,0.8s,baz=174,slo=15,SNR=3.9		P	P	07 24 33.4 -0.2					
MKAR	Makanchi Array	39.64 60	P	P	07 24 33.4 -0.2					
MKAR	0.4nm,0.6s,baz=276,slo=11,SNR=4.9		P	P						

Western Arabian Peninsula

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	h	m	s	ISC
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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Vranov, Trest, Trenc, KRUOC, TANN, WERD, NKC, KJC, OJC, KHC, MOX, MANZ, ROTZ, GERES, WET, LAN, ZST, YNS, VYHS, BSD, GRA1, GRF, CONA, MOA, STHS, KECS, LUNU, CRVS, KOLS, BJUU, KBA, DEL, GROS, FABU, CRES, GNJOU, DAVOX, DZM, PZM, STKA, STKA, WRAB.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA, ASAR, KSRS, KSAR, USKR, GSPA, SEY, SONM, ILAR, MKAR, ZALV, ARCES, FINES, GERES, KMI, SHL, CMAR, CD2, SONM, MKAR, ZALV, WRA, DZM, WRA, ASAR, ILAR, KEIM, UPI, CVNA, KOMG, BOSA, HVD, ELIM, PRYS, GRM, KSD, POGA, MATP, BLWY, BLWY, DZM, CTAO, CTAO, ARMA, OUZ, COEN.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SKR, PAU, RUS, PETK, UGLR, AVH, AVH, AVH, AVH, KRX, SPN, SPN, SPN, SPN, MA2, EKMR, KSRS, JNU, H1N2, H1N1, H1N3, H1S1, H1S3, H1S2, MKAR, YKA, TXAR, DZM, DZM, DZM, HNR, HNR, HNR, HNR, HNR, EIDS, LHI, PMG, PMG, PMG, CTA, CTAO, CTAO, ARMA, OUZ, COEN.

SONM Sogino Array 144.76 282 PKP PKPab 09 02 16.8 -0.2
RAYN Ar Rayn 148.19 173 ePKPbc PKPbc 09 02 28.2 +0.4
TLY Talaya 148.28 286 PKPbc PKPbc 09 02 28.1 +0.9
ZALV Zalesovo Beam 159.65 291 PKPab PKPab 09 03 17.5 -0.9

SOME 05 08:56:10.4, 40:08N:77:47E, h0km
NMC 05 08:56:11.8, 5.3, 39.86N:77:09E, h0km, mb3.8, mpv3.4
Error ellipse: s-maj=40.8km s-min=2.2km az=107.0

IDC 05 09:13:42.8, 1.4, 26:37S:177:65W, h0km, mb4.2/5,
mb1 4.5/6, mb1mx4.1/27, mbtpm4.3/6, ML4.9/1, MS3.1/3,
Ms1 3.1/3, ms1mx2.8/21, Error ellipse: s-maj=42.5km
s-min=30.6km az=109.0
ISC/CJB 05 09:13:44.5, 1.6, 26:45S:0:07:177:4W:0.3, h33km,
mb4.3/9, MS3.3/2, Error ellipse: s-maj=36.6km
s-min=9.6km az=175.3
NEIC 05 09:13:48.0, 1.0, 26:59S:177:63W, h35km, mb4.6/4, Error
ellipse: s-maj=24.4km s-min=18.2km az=82.0

ISC 05 09:13:45.2, 1.3, 26:44S:0:10:177:2W:0.3, h35km, n19,
c23107, mb4.5/9, South of Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like NRN Naryn, ULHL Ulahol, PRZ Przewalski, BOOM Boomskeye usch, ANVS Anan'yev, ARLS Aral, TNS5 Tian-Shan, IZV Izvestkoviy, SATY Saty, UCH Uchtor, MDOK Medeo, ZHN Zhinshke, ZHN Zheny, KOTS Kotyrbulak, TKM2 Tokmak 2, KST Kastelek, KBK Karagaybulak, UZB Uzunbulak, BMNS Besmoyanak, AAK Ala-Archa, AAK Ala-Archa, DGS Degeres, KURS Kuram, AML Almayashu, KPKS Kokpek, OHH Osh, SHLS Shalkode, KTBS Karatobe, EKSK Erkin-Say, CHKK Chushkaly, KUU Kurty, KTMS Ketmen, MNBS Baschi, MRKS Merke, ARXS Arharly, MNAS Manas, DJR Jarkent, KK31 Karatay Array, DZET Dzerhino.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like RAO Raoul Island, AFI Afiamalu, HNR Honiara, CTAO Charters Tower, STKA Stephens Creek, PMG Port Moresby, COEN Coen, ASAR Alice Springs, WRAB Tennant Creek, WRA Warramunga Arr, MJAR Matsushiro Arr, KRSR Korea Array, KSAR Wonju Array Be, CMAR Chiang Mai Arr, NB2 NORSAR Subarray 144.94 353, NOA NORSAR Array B144.94 353, HFS Hagfors, AKASG Malin Array Be, BRTR Keskin Array B.

DHMR 05 09:15:32.2, 1.5, 12:13N:44:27E, h14km, 13km, ML3.7, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ADEN Aden, UDYN Al Udayn, LBOS Lbos, BDHA Al Bayda, UDYN Udayn, UDYN Udayn.

BEO 05 09:27:38.8, 0.6, 43:84N:16:92E, h17km, 5km, M3.5/1
CSEM 05 09:27:39.2, 0.1, 43:85N:17:12E, h2km, ML3.5, Error
ellipse: s-maj=4.3km s-min=2.7km az=37.0
PDG 05 09:27:40.6, 0.4, 43:91N:17:30E, h2km, 1km, ML3.5/10,
Error ellipse: s-maj=0.8km s-min=1.6km az=0.0
LDG 05 09:27:40.6, 0.1, 43:95N:17:18E, h2km, M3.6/13, Error
ellipse: s-maj=5.8km s-min=3.1km az=15.0
PRU 05 09:27:41.3, 43:93N:17:42E, h0km
ISC 05 09:27:39.6, 1.0, 43:86N:0:02:17:10E:0.03, h12km, 8km,
n173, c1542/231, 30C-23D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BLY Banja Luka, STON Ston, MRK MRAK, UDBI Udbina, BRLS Lazii#263i, SISC Sisak, NKY Niksic, NKME Niksic, NKME Niksic, HCY Herceg Novi, PLE Pljevlja, NVLJ Novalja, CEME Cevo, DIVS Divibare.

Table with columns: DIVS, Station Name, Time, Res, h, m, s, ISC. Includes stations like DIVS Divibare, PDG Podgorica, IVAS Ivanjica, BEY Berane, DRME Dracevica, MON Mon, CRES Cresnejev, FGSL Fruska Gora, TRUS Trudelj, PVY Plav, ULC Ulcinj, VISS Visnje, PKSM Moragj, GRUS Gruza, BEHE Becsehely, CEY Cerknica, BAI Bari, LJU Ljubljana, SELS Selova, SGI Sgolovo (BA), PERS Pernice, SOKA Soboth, MATE Matera, KUBS Kucevo, BGVS Bovan, BOVS Bovan, MDVR Moldovita, BOLS Boljevac, BOLS Boljevac, ARSA Arzberg, ARSA Arzberg, BARS Barje, BARS Barje, BZS Buzias, BZS Buzias, OHR Ohrid, SIRR Siria, ZAPS Zavoj, CONA Conrad Observa, ZST Bratislava, ABTA Abfaltersbach, MOA Molin, MOA Molin, PSZ Piszkesteto, VTS Vitoshka, TIP Timpagrande, VYHS Vyhne, DRGR Vranov, VRCAC Vranov, MOTA Moosalm, KHC Kasperske Hory, CRVS Cervenica-Dubn, MORC Moravsky Berou, PGF Pioggia, STHS Stebnicka Huta, DPC Dobruska-Polom, DPC Dobruska-Polom, SBF Sospel, MBDF Montbardon, MBDF Montbardon, LPL La Plagne, LPL La Plagne, LPL La Plagne, FRF La Foret Royal, LMR La Moure, LMR La Moure, CLM Colim, ORIF Oris-en-Rattie, ORIF Oris-en-Rattie.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Momotombo, Estel, San Miguel, Lacayo, Pacayal, Tecapa, Tegucigalpa, Un.

IDC 05 12:19:39.2:999.0,48:96N:53:95E,h0km,Error ellipse: s-maj=1947.0km s-min=74.1km az=60.0,Western

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Kazakhstan, I31KZ, I4690, I34MN.

CSEM 05 12:20:52.6:0.3,43:85N:17:24E,h2km,ML2.5,Error ellipse: s-maj=6.7km s-min=4.2km az=54.0

BE0 05 12:20:53.0:0.5,43:88N:17:25E,h0km,M2.5

ISC 05 12:20:52.4:1.1,43:85N:0:02:17:26E:0:03,h3km,10km,n37,r1903/60,1C-1D,NorthernWestern Balkan Peninsula

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists numerous stations across the Balkan Peninsula region.

IDC 05 12:21:31.0:4.5,34:92N:70:93E,h0km,mb3.3/2,mb1 3.4/7,mb1mx3.3/56,mbtm3/47,ML3.3/5,Error ellipse: s-maj=75.2km s-min=51.3km az=145.0

NNC 05 12:21:58.9:4.5,67:11N:70:72E,h147km,42km,mb2.9,mpv3.7,Error ellipse: s-maj=40.1km s-min=24.7km az=159.0

ISC 05 12:21:53.6:2.1,36:3N:0:02:70:99E:0:10,h100km,n15,r1575/19,8C-5D,Hindu Kush region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations in the Hindu Kush region.

ISCJB 05 12:25:52.7:0.5,45:72N:0:02:15:61E:0:04,h6km,5km,Error ellipse: s-maj=5.0km s-min=3.4km az=153.2

VIE 05 12:25:52.7:0.4,45:72N:15:63E,h10km,1km,ml1.9/4,ml2.1/4,Error ellipse: s-maj=2.3km s-min=1.4km az=130.0

LJU 05 12:25:52.5,45:72N:15:62E,h14km,ML0.0

CSEM 05 12:25:53.1:0.2,45:73N:15:63E,h2km,ML2.6/6,Error ellipse: s-maj=4.0km s-min=2.7km az=64.0

ROM 05 12:25:53.9:1.0,45:76N:15:73E,h10km,Md2.5/2,M1.8/1,Error ellipse: s-maj=18.2km s-min=11.5km az=29.0

ISC 05 12:25:53.1:0.9,45:73N:0:02:15:65E:0:03,h8km,6km,n34,r0549/62,3C-10D,NorthernWestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists numerous stations in the Balkan Peninsula region.

ISCJB 05 12:35:32.9:0.3,23:76N:0:01:121:65E:0:02,h26km,2km,Error ellipse: s-maj=3.0km s-min=1.8km az=43.9

JMA 05 12:35:32.0:0.1,23:75N:121:62E,h35km,3km,M2.7

TAP 05 12:35:33.2:23:78N:121:58E,h25km,ML3.5,C

ISC 05 12:35:32.9:0.9,23:76N:0:02:121:62E:0:02,h31km,5km,n66,r0567/121,2C,Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists numerous stations in Taiwan.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists numerous stations in the Pacific region.

133A	baz=158,SNR=7.5	73.82	338	P	P	16 23 12.0	+0.6
ABTX	Fountain Ranch baz=159	74.05	337	P	P	16 23 12.5	-0.2
ABTX	Abielene, Hawle	74.05	337	eP	P	16 23 13.0	+0.2
SUR	Sutherland comp=Z,66nm,1.5s	74.10	119	P	P	16 23 15.1	+1.6
SUR	Sutherland comp=Z,48nm,1.0s,5s=0	74.10	119	eP	P	16 23 14.3	+0.7
SUR	comp=Z,3um,19.0s			LR	LR		
MIAR	Mount Ida comp=Z,21nm,1.4s	74.22	343	eP	P	16 23 13.0	-0.7
MIAR	comp=Z,683nm,20.0s			LR	LR		
MIAR	Mount Ida	74.22	343	eP	P	16 23 13.0	-0.7
MIAR	comp=Z,21nm,1.4s			MLR	MLR		
MIAR	comp=Z,683nm,20.0s			MLR	MLR		
X39A	Fountain Ranch baz=163	74.32	342	P	P	16 23 15.7	+1.5
131A	Roby	74.33	337	P	P	16 23 14.8	+0.4
TZTN	Tazewell comp=Z,9nm,0.9s	74.41	352	eP	P	16 23 11.5	-3.3
Y35A	Marietta	74.50	340	P	P	16 23 16.9	+1.7
RAR	Rarotonga	74.53	255	PFAKE	LR	16 23 30.0	+1.4
RAR	comp=Z,2um,20.0s			LR	LR		
BBTS	Babate	74.57	57	P	P	16 23 17.7	+1.7
Z32A	Haskell baz=159	74.64	338	P	P	16 23 16.6	+0.5
BLA	Blacksburg	74.77	354	PFAKE	LR	16 23 30.0	+1.3
BLA	comp=Z,800nm,20.0s			LR	LR		
Z31A	Sharp Cattle R baz=158	74.85	337	P	P	16 23 17.8	+0.4
W39A	Magazine	74.89	343	P	P	16 23 18.3	+0.8
X35A	Drake baz=161	74.94	340	P	P	16 23 19.0	+1.2
W38A	Poteau	74.95	342	P	P	16 23 18.5	+0.6
HSIG	74.05	327	PFAKE	LR	LR	16 23 30.0	+1.1
HSIG	comp=Z,1um,20.0s			LR	LR		
Z30A	Sanderson Ranch baz=158	75.13	336	P	P	16 23 19.2	+0.2
MNTX	Cornudas Mount baz=154,SNR=5.5	75.15	332	P	P	16 23 19.4	+0.3
MNTX	Cornudas Mount comp=Z,12nm,1.3s	75.15	332	eP	P	16 23 16.4	-2.7
MNTX	comp=Z,2um,20.0s			LR	LR		
W37B	Quinton baz=162	75.24	342	P	P	16 23 20.6	+1.0
Y32A	R-V Farms, Ver baz=159	75.28	338	P	P	16 23 21.2	+1.4
X34A	Smith Ranch, M baz=160	75.37	339	P	P	16 23 21.0	+0.7
Y39A	Pettigrew	75.48	343	P	P	16 23 22.2	+1.2
Y31A	Rekieta Farm, baz=158	75.48	337	P	P	16 23 21.6	+0.6
CBN	Cornelia Frederi	75.57	357	PFAKE	LR	16 23 20.0	+8.7
CBN	comp=Z,877nm,20.0s			LR	LR		
X32A	Elmer baz=159	75.62	338	P	P	16 23 23.3	+1.5
V38A	Canehill	75.68	343	P	P	16 23 22.8	+0.7
PBMO	Poplar Bluff comp=Z,29nm,1.3s	75.70	346	eP	P	16 23 22.2	0.0
WMOK	Wichita Mounta comp=Z,44nm,1.4s	75.77	339	eP	P	16 23 20.8	-1.8
WMOK	comp=Z,423nm,19.0s			LR	LR		
WMOK	Wichita Mounta	75.77	339	eP	P	16 23 20.8	-1.8
WMOK	comp=Z,44nm,1.4s			MLR	MLR		
WMOK	comp=Z,423nm,19.0s			MLR	MLR		
V37A	Hulbert	75.88	342	P	P	16 23 23.5	+0.3
W34A	Bridge Creek, baz=162,SNR=5.2	75.95	340	eP	P	16 23 23.6	0.0
V36A	Jenks comp=Z,36nm,1.2s	75.98	341	P	P	16 23 24.1	+0.3
TUL1	Leonard comp=Z,80nm,1.4s	76.06	341	eP	P	16 23 24.1	-0.2
W33A	Caddo, Fort baz=160,SNR=7.2	76.06	339	P	P	16 23 25.9	+1.6
X30A	Coker Ranch, T baz=158	76.12	337	P	P	16 23 26.0	+1.3
U38A	Gravette	76.22	343	P	P	16 23 25.2	+0.1
W32A	Sentinel baz=159,SNR=7.9	76.26	338	P	P	16 23 25.9	+0.5
MSTX	Muleshoe comp=Z,46nm,1.4s	76.30	335	eP	P	16 23 24.6	-1.1
MSTX	comp=Z,800nm,19.0s			LR	LR		
CASY	Casey	76.35	182	PFAKE	LR	16 23 40.0	+1.4
CASY	comp=Z,4um,20.0s			LR	LR		
U37A	Salina	76.37	342	P	P	16 23 26.6	+0.7
SIUC	Southern Illin comp=Z,35nm,1.3s	76.39	347	eP	P	16 23 26.6	+0.5
SIUC	comp=Z,700nm,18.0s			LR	LR		
T40A	Mansfield baz=161	76.49	344	P	P	16 23 27.7	+1.1
U36A	Oologah baz=182	76.51	342	P	P	16 23 27.9	+1.2
T39A	Clever	76.55	344	P	P	16 23 28.2	+1.2
V33A	Lossen Ranch, baz=160	76.64	339	P	P	16 23 28.5	+0.9
V32A	Arapaho baz=159	76.76	339	P	P	16 23 29.2	+0.9
T38A	Diamond	76.77	343	P	P	16 23 28.5	+0.2
AMTX	Amarillo baz=163	76.78	336	P	P	16 23 29.2	+0.8
AMTX	Amarillo	76.78	336	eP	P	16 23 25.8	-2.7
AMTX	comp=Z,47nm,1.2s			LR	LR		
121A	Cookes Peak, D comp=Z,37nm,1.6s	76.81	331	P	P	16 23 27.6	-1.2
T37A	Cheneyville 18 baz=163,SNR=5.8	77.00	343	P	P	16 23 29.7	+0.2
U34A	Anderson Ranch comp=Z,36nm,1.1s	77.01	340	eP	P	16 23 30.7	+1.1
LIC	Lamto	77.03	72	eP	P	16 23 30.9	+0.6
T36A	comp=Z,116nm,1.1s			LR	LR		
T36A	Boys Farm, Ca baz=162,SNR=5.4	77.18	342	P	P	16 23 30.6	+0.1
OLIL	Olney	77.20	348	PFAKE	LR	16 23 40.0	+9.4
OLIL	comp=Z,900nm,21.0s			LR	LR		
T35A	Sooner Cattle baz=162,SNR=7.9	77.20	341	P	P	16 23 31.5	+0.8
TIC	Toumodi	77.31	71	eP	P	16 23 32.3	+0.4
KIC	Kosan Boka	77.34	72	eP	P	16 23 32.7	+0.7
DBIC	Dimbokro comp=Z,65nm,0.9s	77.45	71	P	P	16 23 33.1	+0.5
DBIC	comp=Z,78nm,0.9s,baz=205,slow=6.4,SNR=89			LR	LR	16 55 25.0	
DBIC	comp=Z,2um,18.4s,baz=221,slow=34			LR	LR	16 23 32.4	+0.3
SLM	Saint Louis	77.47	347	eP	P	16 23 32.4	+0.3
SLM	comp=Z,63nm,1.2s			MLR	MLR		
SLM	Saint Louis	77.47	347	eP	P	16 23 32.4	+0.3
SLM	comp=Z,63nm,1.2s			MLR	MLR		
T34A	McClaskey Farm baz=161,SNR=9.7	77.47	341	P	P	16 23 33.0	+0.8
R40A	Maddies Statio baz=165,SNR=9.4	77.53	345	P	P	16 23 33.0	+0.6
S37A	Fort Scott baz=163	77.59	343	P	P	16 23 33.4	+0.6
R39A	Chumby, Stover	77.72	344	P	P	16 23 33.4	-0.1
S36A	Lake Cedric, C	77.74	342	P	P	16 23 34.0	+0.4

R38A	Fenwick Farm, baz=164	77.78	344	P	P	16 23 33.9	0.0
T33A	Patterson Ranc baz=165,SNR=13	77.81	340	P	P	16 23 35.0	+0.9
TUC	Tucson	77.82	328	eP	P	16 23 33.6	-0.7
TUC	comp=Z,27nm,1.5s			LR	LR		
TUC	comp=Z,1um,20.0s			eP	P	16 23 33.6	-0.7
TUC	comp=Z,27nm,1.5s			eP	P	16 23 33.6	-0.7
TUC	comp=Z,1um,20.0s			MLR	MLR		
S35A	Otter Creek Ra baz=162	77.88	342	P	P	16 23 35.1	+0.7
LPM	Los Pinos Moun baz=162	77.95	332	eP	P	16 23 35.4	+0.2
ACSO	Alum Creek Sta comp=Z,37nm,1.1s	78.00	353	eP	P	16 23 33.8	-1.2
ACSO	comp=Z,1um,21.0s			LR	LR		
Q40A	Laux Farm, Aux baz=165,SNR=13	78.17	345	P	P	16 23 36.2	+0.1
LAZ	Ladron	78.22	332	eP	P	16 23 35.4	-1.3
214A	Organ Pipe Nat baz=149	78.38	327	P	P	16 23 38.7	+1.3
214A	Organ Pipe Nat comp=Z,104nm,1.3s	78.38	327	eP	P	16 23 35.4	-2.0
Q39A	Willow Grove F baz=164,SNR=7.2	78.41	345	P	P	16 23 37.2	-0.1
ANMO	Albuquerque comp=Z,24nm,1.3s	78.46	333	P	P	16 23 38.8	+0.8
ANMO	Albuquerque	78.46	333	eP	P	16 23 37.6	-0.4
ANMO	comp=Z,2um,21.0s			LR	LR		
ANMO	Albuquerque	78.46	333	eP	P	16 23 39.4	+1.4
ANMO	comp=Z,14nm,1.2s			MLR	MLR		
Q38A	Cooks Store, C baz=164,SNR=6.0	78.46	344	P	P	16 23 37.5	-0.1
R34A	Isabella Hill baz=161,SNR=6.8	78.69	341	P	P	16 23 40.1	+1.1
T29A	Hugoton	78.76	338	P	P	16 23 39.2	-0.2
P39A	Salisbury baz=158	78.79	345	P	P	16 23 40.2	+0.9
Q36A	Arnold, C. Orve baz=162	78.88	343	P	P	16 23 39.9	-0.1
R33A	Olander Ranch, baz=160	78.89	341	P	P	16 23 40.7	+0.6
Q35A	Mercer Eighty, baz=162	78.92	342	P	P	16 23 40.4	+0.2
P38A	Dawn baz=164,SNR=11	79.08	344	P	P	16 23 40.9	-0.1
HDIL	Hopedale	79.17	348	P	P	16 23 41.5	0.0
HDIL	Hopedale comp=Z,30nm,1.3s	79.17	348	eP	P	16 23 40.0	-1.4
HDIL	comp=Z,1um,20.0s			LR	LR		
Q34A	Chapman	79.20	342	P	P	16 23 42.4	+0.7
BRYW	Bryant College comp=Z,106nm,1.4s	79.21	1	eP	P	16 23 43.9	+2.2
KSU1	Kansas State U baz=162	79.29	342	P	P	16 23 43.0	+0.8
KSU1	Kansas State U comp=Z,49nm,1.4s	79.29	342	eP	P	16 23 42.0	-0.2
KSU1	comp=Z,498nm,19.0s			LR	LR		
TSUM	Tsumeb	79.34	106	P	P	16 23 43.2	0.0
TSUM	comp=Z,22nm,0.8s,baz=221,slow=5.2,SNR=21			eP	P	16 23 42.7	-0.6
TSUM	comp=Z,29nm,1.1s			LR	LR		
TSUM	comp=Z,4um,20.0s			LR	LR		
S28A	Manite	79.34	337	P	P	16 23 43.4	+0.8
BOSA	Boshof baz=157	79.40	118	P	P	16 23 43.0	-0.5
BOSA	comp=Z,47nm,0.9s,baz=224,slow=7.0,SNR=36			LR	LR	16 58 57.2	
BOSA	comp=Z,2um,18.1s,baz=232,slow=36			LR	LR		
X18A	Snowflake	79.42	330	eP	P	16 23 45.6	+2.4
P36A	Good Intent, A baz=163	79.45	343	P	P	16 23 43.2	+0.2
O39A	Kirkville	79.48	345	P	P	16 23 43.4	+0.2
113A	Mohawk Valley, comp=Z,19nm,1.4s	79.49	326	eP	P	16 23 45.8	+2.4
BINY	Binghamton	79.51	358	PFAKE	LR	16 23 50.0	+6.7
P35A	Duane Minner, baz=161,SNR=7.0	79.55	342	P	P	16 23 43.2	-0.4
QUA2	Belchertown	79.56	1	eP	P	16 23 45.3	+1.7
Q32A	Meitler Ranch, baz=160	79.69	340	P	P	16 23 45.3	+0.9
T25A	Trinidad	79.73	335	P	P	16 23 46.1	+1.2
T25A	Trinidad comp=Z,64nm,1.3s	79.73	335	eP	P	16 23 46.2	+1.3
SNZO	South Karori	79.76	225	PFAKE	LR	16 24 00.0	+15
SNZO	comp=Z,2um,20.0s			LR	LR		
P34A	Walnut Farm, R baz=161,SNR=7.0	79.77	342	P	P	16 23 45.3	+0.5
HRV	Adam Dziewonsk comp=Z,30nm,1.0s	79.80	1	eP	P	16 23 44.0	-0.8
HRV	Adam Dziewonsk	79.80	1	eP	P	16 23 44.0	-0.8
HRV	comp=Z,30nm,1.0s			eP	P	16 23 44.0	-0.8
CBKS	Cedar Bluff	79.84	339	PFAKE	LR	16 24 00.0	+15
CBKS	comp=Z,630nm,19.0s			LR	LR		
O36A	Bolkow	79.88	343	P	P	16 23 45.2	-0.2
X16A	Lo Mia Camp, P comp=Z,13nm,1.0s	79.92	329	eP	P	16 23 47.9	+1.9
N39A	Derby Farms, D baz=165,SNR=15	80.07	345	P	P	16 23 46.4	0.0
AAM	Ann Arbor	80.12	352	PFAKE	LR	16 24 00.0	+13
AAM	comp=Z,1um,22.0s			LR	LR		
Q30A	Quinter	80.13	339	P	P	16 23 47.2	+0.3
N38A	Joes South For baz=164,SNR=11	80.14	345	P	P	16 23 46.4	-0.4
Y14A	Wickenburg baz=162	80.16	328	eP	P	16 23 49	

PKSM	Moragy	117.26	51	PKIKP	PKPdf	16 30 22.1	+0.3
COLA	College	117.31	332	PFAKE	LR	16 30 30.0	+8.7
comp=Z,560nm,20.0s							
VRAC	Vranov	117.42	48	PKP	PKPdf	16 30 23.0	+1.0
VRAC	Vranov	117.42	48	PKIKP	PKPdf	16 30 23.0	+1.0
VYHS	Vyhne	118.39	49	ePKP	PKPdf	16 30 24.3	+0.4
VYHS	Vyhne	118.39	49	ePKIKP	PKPdf	16 30 24.4	+0.5
MDVR	Moldovita	118.56	54	PKP	PKPdf	16 30 24.2	-0.2
PSZ	Piszkesteto	118.78	50	PFAKE	PKPdf	16 30 30.4	+5.6
PSZ	Piszkesteto	118.78	50	PFAKE	LR	16 30 40.0	+15
comp=Z,2um,19.0s							
PSZ	Piszkesteto	118.78	50	PKIKP	PKPdf	16 30 30.4	+5.6
BZS	Buzias	118.87	53	PKP	PKPdf	16 30 24.7	-0.2
BZS	Buzias	118.87	53	PKIKP	PKPdf	16 30 24.7	-0.2
LANS	Liptovska Anna	119.05	49	ePKP	PKPdf	16 30 26.5	+1.3
LANS	Liptovska Anna	119.05	49	ePKIKP	PKPdf	16 30 26.5	+1.3
PMG	Port Moresby	119.71	228	PFAKE	LR	16 30 40.0	+12
comp=Z,1um,20.0s							
DRGR		120.05	52	PKP	PKPdf	16 30 26.6	-0.6
DRGR		120.05	52	PKIKP	PKPdf	16 30 26.6	-0.6
STHS	Stebnicka Huta	120.22	49	ePKP	PKPdf	16 30 27.8	+0.4
STHS	Stebnicka Huta	120.22	49	ePKIKP	PKPdf	16 30 27.8	+0.4
HFS	Hafgors	120.47	35	PKP	PKPdf	16 30 25.9	-1.6
comp=Z,5nm,0.6s,baz=224,slow=2.4,SNR=5.9							
UZH	Uzhgorod	120.54	50	ePKIKP	PKPdf	16 30 30.4	+6.0
UZH						16 30 39.6	
UZH						16 30 45.6	
HUMR	Humele	120.57	55	PKP	PKPdf	16 30 28.0	-0.2
KOL	Kolonice sedl	120.65	50	ePKP	PKPdf	16 30 30.4	+2.2
KOLS	Kolonice sedl	120.65	50	ePKIKP	PKPdf	16 30 30.4	+2.2
ARR	Arges	120.69	54	PKP	PKPdf	16 30 29.0	+0.5
VOIR	Voiron	120.98	54	PKP	PKPdf	16 30 30.0	+0.9
VOIR	Voiron	120.98	54	PKIKP	PKPdf	16 30 30.0	+0.9
ISP	Isparta	121.57	64	PFAKE	LR	16 30 40.0	+9.5
comp=Z,1um,20.0s							
MLR	Muntele Rosu	121.58	55	PKP	PKPpre	16 30 22.1	
MLR	Muntele Rosu	121.58	55	PKIKP	PKPpre	16 30 22.1	
BURAR	Bucovina Array	121.94	52	PKP	PKPdf	16 30 31.5	+0.6
BURAR	Bucovina Array	121.94	52	PKIKP	PKPdf	16 30 31.5	+0.6
VRI	Vrincioia	122.24	54	PKP	PKPdf	16 30 30.2	-1.2
VRI	Vrincioia	122.24	54	PKIKP	PKPdf	16 30 30.2	-1.2
CSS	Mathiatis	122.38	69	PFAKE	LR	16 30 40.0	+8.0
comp=Z,1.84nm,19.0s							
TEFR	Tescani	122.43	54	PKP	PKPdf	16 30 31.6	-0.1
TEFR	Tescani	122.89	56	PKP	PKPdf	16 30 32.1	-0.5
CFR	Carouli	122.89	56	PKIKP	PKPdf	16 30 32.1	-0.5
MMAI	Mount Meron Ar	123.07	72	PKP	PKPdf	16 30 33.8	+0.3
comp=Z,1.3nm,0.6s,baz=249,slow=2.4,SNR=3.7							
BR231	Keskin MP Arra	124.02	63	ePKP	PKPdf	16 30 36.0	+0.9
ANTO	Antara	124.06	63	PFAKE	LR	16 30 50.0	+15
comp=Z,2um,19.0s							
H11S2	WAKE ISLAND Hy24.49	267	T	T		18 47 16.3	
H11S1	WAKE ISLAND Hy24.51	267	T	T		18 47 17.7	
H11S3	WAKE ISLAND Hy24.51	267	T	T		18 47 19.1	
BR131	Keskin Array S	124.57	64	ePKP	PKPdf	16 30 36.3	0.0
BR131	Keskin Array B	124.57	64	PKP	PKPdf	16 30 36.3	0.0
H11N3	WAKE ISLAND Hy25.00	269	T	T		18 47 58.2	
H11N1	WAKE ISLAND Hy25.01	269	T	T		18 48 00.7	
H11N2	WAKE ISLAND Hy25.01	269	T	T		18 48 00.6	
DGAR	Diego Garcia	125.03	137	PFAKE	LR	16 30 50.0	+12
comp=Z,1um,19.0s							
NACMG	Naroch	125.33	44	e	PKPdf	16 30 37.0	0.0
KIEV	Kiev	125.47	50	ePKP	PKPdf	16 30 36.5	-0.9
comp=Z,1um,19.0s							
KIEV	Kiev	125.47	50	ePKIKP	PKPdf	16 30 36.6	-0.8
AKASG	Malin Array Be	125.48	50	PKP	PKPdf	16 30 36.7	-0.7
comp=Z,4.3nm,0.8s,baz=259,slow=2.4,SNR=1.5							
AKASG				PP	PP	16 32 27.0	-2.3
comp=Z,2.9nm,0.9s,baz=256,slow=5.8,SNR=6.1							
AKKB	Malin Array Si	125.48	50	ePKP	PKPdf	16 30 37.0	-0.4
AKKB	Malin Array Si	125.48	50	ePKIKP	PKPdf	16 30 37.0	-0.4
KBS	Kingsbay	126.77	14	PFAKE	LR	16 30 50.0	+13
comp=Z,859nm,21.0s							
VSU	Vasula	126.26	40	PKIKP	PKPdf	16 30 39.0	+0.4
RAYN	Ar Rayn	126.47	87	ePKP	PKPdf	16 30 40.8	+0.6
comp=Z,2um,19.0s							
FINES	FINES Array B	126.64	36	PKP	PKPdf	16 30 39.1	-0.2
comp=Z,4.3nm,0.9s,baz=265,slow=0.5,SNR=9.0							
ANN	Anapa	128.97	59	eP	Pdf	16 27 29.1	-1.4
ANN				e		16 30 46.2	
ANN				ePPP	PPP	16 35 38.5	
ANN				eSP	SP	16 43 00.2	+2.4
ANN				eSS	SS	16 50 11.2	+0.7
ANN				eSSS	SSS	16 54 56.1	
comp=Z,384nm,1.4s							
ANN							
comp=Z,187nm,1.7s							
APA	Apatty	130.56	29	PKIKP	PKPpre	16 30 37.0	
comp=Z,3um,14.0s							
OBN	Obninsk	130.86	46	PFAKE	LR	16 31 00.0	+13
comp=Z,1um,20.0s							
OBN	Obninsk	130.86	46	PKIKP	PKPdf	16 30 49.1	+1.6
comp=Z,11nm,0.9s							
LVZ	Lovozero	131.03	28	PFAKE	LR	16 31 00.0	+12
comp=Z,2um,19.0s							
VSR	Storozhevo	131.69	51	ePKIKP	PKPdf	16 30 49.4	+0.2
VSR						16 30 49.4	+0.2
comp=Z,3.0nm,0.9s							
LPSR	Galich'ya Gora	131.80	49	ePKIKP	PKPdf	16 30 49.3	-0.1
comp=Z,10.0nm,0.8s							
NEY	Neytrino	132.17	62	PKIKP	PKPdf	16 30 50.1	-0.6
KIV	Kislovodsk	132.34	61	PFAKE	LR	16 31 00.0	+9.2
comp=Z,467nm,19.0s							
KIV	Kislovodsk	132.34	61	ePKIKP	PKPdf	16 30 51.7	+0.8
comp=Z,25nm,1.8s							
GNI	Garni	132.71	67	PFAKE	LR	16 31 00.0	+8.2
comp=Z,2um,20.0s							
NCK	Naichik	132.85	62	ePKIKP	PKPdf	16 30 52.7	+1.0
GOF	Gofitskoye	132.87	60	ePKP	PKPdf	16 30 53.9	+2.2
comp=Z,120nm,1.2s							
ZEI	Tsey	132.88	63	PKIKP	PKPdf	16 30 52.3	+0.2
comp=Z,21nm,1.0s							
KLMR	Klimovskoe	133.02	38	ePKIKP	PKPdf	16 30 51.0	-0.4
KLMR				SS	SS	16 51 00.4	+1.3
comp=Z,34nm,1.3s							
VRH	Novokhopovsk	133.27	51	ePKIKP	PKPdf	16 30 51.3	-0.9
comp=Z,10.0nm,0.8s							
BILL	Bilibino	135.56	332	PFAKE	LR	16 31 10.0	+14
comp=Z,717nm,19.0s							
BILL	Bilibino	135.56	332	ePKIKP	PKPdf	16 30 52.8	-3.2
comp=Z,3.0nm,1.3s							
KAPI	Kappang	135.80	199	PFAKE	LR	16 31 10.0	+12
comp=Z,720nm,19.0s							
MDSI	Maura Dua	138.02	177	PKP	PKPdf	16 31 04.5	+2.2
TRD	Trivandrum	140.56	130	eP	PKPdf	16 31 03.6	-3.3
PET	Petrovsk	141.18	310	PFAKE	LR	16 31 20.0	+13
comp=Z,961nm,19.0s							
PET	Petrovsk	141.18	310	ePKIKP	PKPdf	16 31 12.1	+5.4
PET				ePPS	PPS	16 46 38.7	

PET				eSSS	SSS	16 57 54.0	
PET				pmax	pmax		
comp=Z,100nm,11.8s							
GEYT	Alibeck	142.09	74	PKHP	PKPpre	16 31 05.1	
comp=Z,6.9nm,0.9s,baz=262,slow=4.4,SNR=15							
GEYT				PP	PP	16 34 14.8	-0.7
comp=Z,2.2nm,0.8s,baz=268,slow=7.1,SNR=3.6							
SEY	Seymchan	142.54	327	PKHP	PKPpre	16 31 04.6	
comp=Z,9.5nm,0.9s,baz=19,slow=0.6,SNR=8.1							
SEY				PKPdf	PKPdf	16 31 09.7	+0.8
comp=Z,9.5nm,0.9s,baz=46,slow=3.6,SNR=13							
SEY	Seymchan	142.54	327	PKIKP	PKPdf	16 31 10.6	+1.7
GSI	Gungunsi	142.90	165	ePKP	PKPdf	16 31 09.8	-1.3
ARU	Arti	143.23	44	ePKP	PKPdf	16 31 10.2	-0.1
comp=Z,2um,21.0s							
ARU	Arti	143.23	44	PKIKP	PKPbc	16 31 08.1	+0.7
AKTO	Aktuybinsk	143.51	54	PKHP	PKPpre	16 31 07.9	
comp=Z,14nm,1.0s,baz=268,slow=3.0,SNR=24							
KSM	Kuching	143.83	186	LAKE	LAKE	16 31 20.0	+7.2
comp=Z,774nm,20.0s							
TIXI	Tiksi	144.05	348	ePKP	PKPab	16 31 08.0	-0.8
comp=Z,548nm,20.0s							
TIXI	Tiksi	144.05	348	ePKIKP	PKPdf	16 31 11.2	-0.1
SVE	Sverdlovsk	144.28	43	PKIKP	PKPbc	16 31 11.1	+0.6
comp=Z,38nm,1.5s							
SVE				MLR	MLR		
comp=Z,2um,20.0s							
MA2	Magadan	144.39	322	PKP	PKPbc	16 31 10.7	0.0
comp=Z,15nm,0.9s,baz=132,slow=6.1,SNR=6.0							
PSI	Prapat	144.62	167	ePKP	PKPbc	16 31 12.0	-0.8
PSI	Prapat	144.62	167	ePKIKP	PKPbc	16 31 12.0	-0.8
AB31	Abakulak array	144.78	56	PKIKP	PKPab	16 31 12.2	0.0
comp=Z,81nm,1.0s							
AB31							
ABKAR	Abakulak array	144.78	56	ePKP	PKPbc	16 31 12.4	+0.1
DAV	Davao City (W)	144.98	214	PFAKE	LR	16 31 30.0	+15
comp=Z,453nm,21.0s							
MYLMI	Lahad Datu	145.88	202	ePKP	PKPab	16 31 26.6	+1.7
MYLMI	Lahad Datu	145.88	202	ePKIKP	PKPab	16 31 26.6	+1.7
KKM	Kota Kinabalu	147.32	198	PFAKE	LR	16 31 30.0	+7.1
comp=Z,490nm,19.0s							
KULM	Kulim	147.34	169	ePKP	PKPdf	16 31 19.4	+0.6
KULM						16 31 21.2	+0.1
comp=Z,923nm,19.0s							
KUR	Kuril'sk	148.24	122	PKP	PKPdf	16 31 21.0	+0.9
KUR	Kuril'sk	148.28	297	ePKP	PKPdf	16 31 18.5	-0.9
KUR						16 31 17.4	-0.2
KUR						16 34 51.4	
KUR				PPP	PPP	16 38 09.7	
KUR				i	i	16 54 00.1	+0.6
KUR				i	i	16 59 35.4	
KBL	Kabul	149.69	84	ePKP	PKPbc	16 31 27.6	+0.7
KBL	Kabul	149.69	84	ePKIKP	PKPbc	16 31 27.6	+0.7
YUK	Yuzh-Kuril'sk	149.78	295	ePKHP	PKPpre	16 31 25.7	
YUK						16 34 58.9	
YUK				PPP	PPP	16 38 21.0	
YUK				i	i	16 54 15.2	-0.2
YUK				i	i	16 59 54.5	
ZRNK	Zerenda	149.91	47	ePKP	PKPdf	16 31 22.2	+0.6
BRVK	Borovoye	150.62	47	ePKP	PKPdf	16 31 23.2	+0.4
BRVK				ePKPbc	PKPbc	16 31 28.4	+0.1
comp=Z,1um,20.0s							
BRVK	Borovoye	150.62	47	ePKIKP	PKPdf	16 31 23.2	+0.4
BRVK				e	e	16 31 28.4	
CHKZ	Chkalovo	150.62	45	PKIKP	PKPbc	16 31 28.6	+0.4
CHKZ					pmax		
comp=Z,72nm,1.1s							
BVAR	Borovoye Array	150.69	47	PKP	PKPdf	16 31 23.4	+0.5
comp=Z,17nm,0.9s,baz=303,slow=2.9,SNR=16							
BVAR				ePKPbc	PKPbc	16 31 28.8	+0.3
comp=Z,22nm,0.8s,baz=299,slow=3.0,SNR=48							
VOSK	Vostochnaya	151.12	47	PKIKP	PKPbc	16 31 29.7	+0.2
VOSK					pmax		
comp=Z,49nm,1.0s							
TYV	Tymovskoye	151.26	309	ePKIKP	PKPdf	16 31 25.5	+1.7
TYV				e	pmax	16 31 33.2	
comp=Z,22nm,1.0s							
ERM	Erino	151.					

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like TAPS Pump St12, Hurricane, Murphy Dome, Sawmill, Gilahina Butte, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Leoncito, San Martin, MRA, AUSP, ASAL, CPUP, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like KALE, Kalithea, EVR, Evrytania, GUR, Goura, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, Error Ellipse, and other technical parameters.

ICD 05 21:01:59.2,0.6, 14.31S; 166.68E, h0km, mb4.4/16, mb1 4.5/19, mb1mx4.4/32, mbtmp4.4/19, ML2.3/1, MS3.6/15, Ms 1.3/6.15, ms1mx3.4/32, Error ellipse: s-maj=20.2km s-min=15.0km az=92.0

ISCJB 05 21:02:03.0,0.3, 14.27S; 166.78E, h0.07, h33km, mb4.7/59, MS3.7/13, Error ellipse: s-maj=9.2km s-min=6.3km az=177.8

NEIC 05 21:02:04.6,1.4, 14.32S; 166.76E, h36km, 12km, mb4.8/31, Error ellipse: s-maj=9.6km s-min=7.9km az=74.0

MOS 05 21:02:04.0,4.0, 13.88S; 166.81E, h33km, mb5.0/20, Error ellipse: s-maj=16.8km s-min=9.7km az=123.8

ISC 05 21:02:04.9,0.4, 14.23S; 166.81E, h0.07, h35km, n161, r121/170, mb4.8/59, MS3.6/13, 5C-5D, Vanuatu Islands

Main table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, Error Ellipse, and other technical parameters.

Main table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, Error Ellipse, and other technical parameters.

Main table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, Error Ellipse, and other technical parameters.

DSN 05 21:08:03.8,0.2, 26.93N; 55.28E, h15km, mb3.2/5, ML3.5/4, Error ellipse: s-maj=10.7km s-min=3.5km az=28.0

TEH 05 21:08:04.2, 26.50N; 55.14E, h16km, ML3.1

ISCJB 05 21:08:05.1,0.7, 26.73N; 55.06E, h0.07, h17km, Error ellipse: s-maj=9.4km s-min=6.5km az=167.6

CSEM 05 21:08:05.9,0.3, 26.70N; 55.23E, h10km, ML3.1, Error ellipse: s-maj=10.9km s-min=7.1km az=79.0

ISC 05 21:08:05.2,1.2, 26.63N; 05.55E, h0.06, h17km, n26, r067/128, 8C-6D, Southern Iran

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, Error Ellipse, and other technical parameters.

IPIR comp=N,66nm,0.1s

eAMB AMB 21 11 12.6

SKHL 05 21:15:19.6:0.4,50.90N:134.32E,h10km,mb3.9/3,

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, h, m, s, Res, ISC. Lists stations like GRNR Gornyy, GRNR 69nm,0.2s, GRNR 90nm,0.2s, etc.

IDC 05 21:22:42.0:0.5,13.18N:109.509E:0.06,h16km, mb4.1/17,MS3.3/2, Error ellipse: s-maj=13.1km s-min=7.7km az=21.8

ISCJB 05 21:22:42.0:0.5,13.18N:109.509E:0.07,h16km,n27, +12/23,mb3.9/16, Eastern Gulf of Aden

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, h, m, s, Res, ISC. Lists stations like MUKL AI Mukalla, MUKL baz=60,slow=4.4, MUKL comp=N,21.7nm,0.7s, etc.

ATH 05 21:30:14.6,36.47N:27.75E,h30km,1km,ML2.4/1, Error ellipse: s-maj=2.6km s-min=1.3km az=58.0, Analyst: Chousiantians ML Amplitudes are expressed in micrometres

DDA 05 21:30:15.0,36.40N:27.72E,h7km,ML2.9 THE 05 21:30:15.8,36.46N:27.74E,h10km,1km,ML2.7/3, Error ellipse: s-maj=1.6km s-min=0.6km az=195.0

ISCJB 05 21:30:16.0:0.6,36.42N:0.0:37.27E:0.03,h5km,5km, Error ellipse: s-maj=5.0km s-min=4.0km az=137.9

ISC 05 21:30:16.5,36.46N:27.70E,h6km,MD2.9 CSEM 05 21:30:16.2:0.3,36.42N:27.69E,h10km,ML2.7, Error ellipse: s-maj=5.2km s-min=4.2km az=31.0

ISC 05 21:30:16.0:0.9,36.43N:0.02:27.71E:0.02,h17km,8km, n32,+084/59,Dodecanese Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, h, m, s, Res, ISC. Lists stations like ARG Arkhangelos, ARG Nisyros Isl., ARG Nisyros Isl., etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, h, m, s, Res, ISC. Lists stations like BODT Bodrum, YER Yerkesik, TURN Turunc, etc.

IDC 05 21:47:02.6:1.6,14.52N:54.67E,h0km,mb3.6/7, mb1.3/8,mb1mx3.5/7,mbtmp3.7/8,ML4.2/1,MS3.2/2, Ms1.3/2,ms1mx2.6/39, Error ellipse: s-maj=35.3km s-min=31.3km az=10.0

ISCJB 05 21:47:03.1:0.6,14.46N:0.09:54.61E:0.08,h17km, mb3.9/18,MS3.7/1, Error ellipse: s-maj=15.3km s-min=11.3km az=8.8

NEIC 05 21:47:03.0:0.4,14.45N:54.67E,h10km,mb4.0/8, Error ellipse: s-maj=9.9km s-min=7.8km az=187.0

ISC 05 21:47:04.9:0.7,14.53N:0.1:54.65E:0.10,h17km,n27, +073/20,mb3.8/18, Owen Fracture Zone region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, h, m, s, Res, ISC. Lists stations like ATD Arta Tunnel, ATD comp=Z,43nm,19.4s,baz=115,slow=33, RAYN Ar Rayn, etc.

IDC 05 22:22:26.3:1.0,14.16S:166.52E,h0km,mb4.1/11, mb1.4/2/12,mb1mx4.1/31,mbtmp4.0/12,ML4.1/1,MS3.4/9, Ms1.3/4/9,ms1mx3.2/25, Error ellipse: s-maj=32.5km s-min=20.5km az=99.0

ISCJB 05 22:22:30.0:0.4,14.22S:0.05:166.51E:0.07,h43km, mb4.3/24,MS3.4/7, Error ellipse: s-maj=9.9km s-min=7.3km az=175.0

NEIC 05 22:22:31.6:0.9,14.22S:166.56E,h38km,8km,mb4.3/15, Error ellipse: s-maj=8.6km s-min=7.6km az=182.0

ISC 05 22:22:32.2:0.5,14.22S:0.07:166.56E:0.08,h43km,n37, +086/34,mb4.2/24,MS3.3/7, Vanuatu Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, h, m, s, Res, ISC. Lists stations like DZM Mont Dzumac, DZM 0.5nm,0.3s,baz=180,slow=21,SNR=3.6, HNR Honiara, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, h, m, s, Res, ISC. Lists stations like MJAR comp=Z,1.5nm,18.5s,baz=335,slow=38, MAJO Matsushiro, VNSA 3.8nm,0.9s, etc.

ISCJB 05 22:24:55.8:0.7,7.05S:0.1:155.88E:0.06,h100km, mb3.7/7, Error ellipse: s-maj=14.9km s-min=7.6km az=8.8

IDC 05 22:24:57.1:2.4,7.01S:155.85E,h94km,24km,mb3.6/7, mb1.3/8,mb1mx3.6/30,mbtmp4.0/9, Error ellipse: s-maj=25.8km s-min=14.4km az=179.0

ISC 05 22:24:57.3:0.8,7.05S:0.1:155.91E:0.08,h100km,n16, +083/13,mb3.8/7,Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, h, m, s, Res, ISC. Lists stations like HNR Honiara, HNR 9.6nm,0.3s,baz=215,slow=12,SNR=2.3, PMG Port Moresby, etc.

NIED 05 22:25:00,35.90N:137.80E,h20km,Mw3.6 Best double couple: M2.410000:1014 N1.1e235.00000:0.870.00000, lambda-160.00000. NP2:phi=138.00000, delta.00000, lambda-21.00000

JMA 05 22:25:04.0,35.92N:137.78E,h11km,MP3.7,2C-3D Broadband flat plane solution: P waves, NP1: phi=145.00000:0.884.00000, lambda-9.00000, NP2: phi=237.00000:0.881.00000, lambda-174.00000. Principal axes: T P1g2.00000, Azm191.00000, N P1g79.00000, Azm291.00000, P P1g11.00000, Azm101.00000; Eastern Honiara

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, h, m, s, Res, ISC. Lists stations like JNT Takato, JNT 0.29 nm,0.9s, JNT Niukaw, etc.

MAN 05 22:45:53.8:45N:123.05E,h33km,mb3.8,ML6.0,MS2.1, 1C,Mindanao

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, h, m, s, Res, ISC. Lists stations like PAGZ Pagadian, PAGZ 0.69 151 eP, IPIL Ipil, etc.

IDC 05 23:11:43.1:7.7,19.47S:175.00W,h0km,mb3.7/2, mb1.3/9/2,mb1mx3.5/20,mbtmp3.7/2, Error ellipse: s-maj=374.9km s-min=66.8km az=147.0,Tonga Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, h, m, s, Res, ISC. Lists stations like ASAR Alice Springs, WRA Warramunga Arr, BRTR 1.3km,1.0s,baz=44,slow=5.1,SNR=4.0, etc.

IDC 06 00:02:44.3:3.1,5.54S:147.63E,h197km,46km,mb3.0/4, mb1.3/1/6,mb1mx3.0/40,mbtmp3.5/60, Error ellipse: s-maj=88.2km s-min=24.4km az=112.0,Eastern New

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MMAI, RCY, TRUS, DVS, TIP, etc.

MEX 06 02:16:43.3 1.3, 18.25N x 103.50W, h4km, MD3.8, Near coast of Michoacan. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

SOME 06 02:18:03.0, 40.43N-77.68E, h15km. KRNET 06 02:18:07.2, 40.60N-77.45E, mb2.7. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

MEX 06 02:24:08.2, 0.5, 16.60N x 100.42W, h2km, 3km, MD3.9, Near coast of Guerrero. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

IDC 06 02:31:56.8, 4.4, 18.35N-145.96E, h83km, 42km, MB3.4/7, s-maj=46.9km s-min=25.5km az=103.0, Mariana Islands. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

GCAM G?zelcam? 0.21 187 P. Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GCAM, AYBD, Zeytinkoy-Aydi, etc.

NIED 06 03:10:00.37, 40N, 141.80E, h29km, Mw3.6. Best double couple: M2.640000, 1014. NP1=118.00000, 879.00000. Table with columns: Code, Station Name, Az, Phase ID, Time, Res.

UZZP Denizli 0.14 58 P. Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like UZZP, DENT, DENIZ, etc.

mb3.4/2, Error ellipse: s-maj=5.8km s-min=2.4km az=145.7. IDC 06 03:05:35.7, 1.0, 56.24N-135.71W, h0km, mb3.4/2, mb1 3.9/7, mb1mx3.5/35, mbtmp3.7/7, ML3.6/5, MS2.8/2, Ms1 2.8/2, ms1mx2.4/29, Error ellipse: s-maj=17.1km s-min=12.8km az=50.0. NEIC 06 03:04:36.0, 56.17N-135.75W, h10km, ML3.4(AEIC), ML3.5(OT), After OTT. PGC 06 03:04:36.0, 56.17N-135.75W, h10km, ML3.5/11, 101km Ssw of Sitka, Ak Southeastern Alaska. ISC 06 03:04:35.3, 0.8, 56.19N-105.135W, h0.06, h10km, n72, 06 03:04:35.3, Southeastern Alaska.

CRAG Craig 1.70 114 P. Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CRAG, WRK, BESE, NDB, etc.

DLBC Dease Lake 3.88 52 P. Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DLBC, PNL, PNL, BNB, etc.

BBB Bella Bella 6.06 128 P. Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BBB, YUK, YUK, etc.

ILAR Eielson Array 10.16 332 P. Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ILAR, TRF, KTH, BPAW, YKA, etc.

MAN 06 03:49:05, 12.71N-125.86E, h38km, mb4.8, ML3.7, MS3.8, Samar. Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JAY, JAY, GUMO, WRA, FITZ, ASAR, MKAR, etc.

YSS	Yuzh-Sakhalins	35.20	280	eP	P	08 27 32.8	-0.3
BW06	Boulder Array	35.30	89	P	P	08 27 33.7	-0.7
PD31	Pinedale Array	35.30	89	eP	P	08 27 36.4	+2.0
PDAR	Pinedale Array	35.30	89	P	P	08 27 28.1	-6.3
PDAR	comp=N,0.3nm,0.8s,baz=292,slow=12,SNR=2.5			LR	LR	08 39 42.5	
ARVC	Arvin	35.40	107	P	P	08 27 35.1	0.0
MPMC	Manual Prospec	35.44	105	P	P	08 27 35.4	-0.3
FURC	Furnace Creek	35.49	104	P	P	08 27 36.7	+1.0
SCZ2	Santa Cruz Isl	35.83	110	P	P	08 27 39.3	+0.6
C25A	Freed Ranch, W	35.86	78	P	P	08 27 39.2	+0.2
A26A	Wade Farm, Ken	35.87	75	P	P	08 27 39.3	+0.3
EDW2	Edwards Air Fo	35.84	107	P	P	08 27 40.5	-0.1
GSC	Goldstone, Bar	36.38	105	P	P	08 27 44.0	+0.5
GSC	Goldstone, Bar	36.38	105	eP	P	08 27 45.0	+1.5
SNCC	San Nicolas Is	36.46	110	P	P	08 27 44.4	+0.3
MSU	Marysvalle	36.65	97	eP	P	08 27 46.7	+0.7
CCUT	Cedar City	36.66	99	eP	P	08 27 47.9	+1.9
BFSC	Mount Baldy Ra	36.70	107	P	P	08 27 46.4	0.0
D26A	Manning	36.71	78	P	P	08 27 46.2	0.0
F25A	Bowman	36.80	80	P	P	08 27 46.8	-0.2
C27A	Saylor Ranch,	36.83	77	P	P	08 27 47.6	+0.4
Q16A	Castle Valley	36.94	95	eP	P	08 27 50.8	+2.4
P18A	Preston Nutter	36.97	94	eP	P	08 27 51.4	+2.6
HEC	Hector,Ludlow	36.98	105	P	P	08 27 48.4	-0.3
ASAJ	Asahikawa	36.99	276	P	P	08 27 46.8	-1.7
B28A	Dugan Ranch, T	37.04	75	P	P	08 27 47.8	-1.2
K22A	Casper	37.09	87	P	P	08 27 49.3	-0.4
R29A	San Rafael Swe	37.17	95	eP	P	08 27 51.4	+1.0
G25A	Newell	37.26	81	P	P	08 27 51.3	+0.3
F26A	Lodgepole	37.28	80	P	P	08 27 51.1	0.0
GMRC	Granite Mounta	37.39	104	P	P	08 27 53.1	+0.9
A29A	Manning Farm,	37.39	74	P	P	08 27 52.3	+0.4
H25A	Fruitdale	37.51	82	P	P	08 27 54.9	+1.9
RSSD	Black Hills	37.57	83	P	P	08 27 54.2	+0.4
RSSD	Black Hills	37.57	83	eP	P	08 27 56.4	+2.7
B29A	Wageman Farm,	37.58	74	P	P	08 27 54.0	+0.4
F27A	Lemmon	37.63	79	P	P	08 27 54.6	+0.6
G26A	Maurine	37.66	81	P	P	08 27 55.2	+0.9
O20A	White River Ci	37.77	91	P	P	08 27 54.8	-0.7
O20A	White River Ci	37.77	91	eP	P	08 27 56.3	+0.9
MDND	Maddock	37.80	75	P	P	08 27 56.3	+0.9
MDND	Maddock	37.80	75	eP	P	08 27 59.3	+3.9
I25A	Rochford	37.81	83	P	P	08 27 55.0	-0.6
PFO	Pinyon Flats O	37.83	107	P	P	08 27 56.1	+0.2
A30A	Hoffart Farm,	37.88	73	P	P	08 27 55.2	-0.9
E28A	Huff	37.95	78	P	P	08 27 56.5	-0.2
G27A	Dupree	37.98	80	P	P	08 27 56.2	-0.7
U15A	North Rim	38.06	99	eP	P	08 27 58.6	+0.6
W13A	Hualapai Mount	38.13	102	eP	P	08 28 00.3	+1.7
IRM	Iron Mountain	38.14	105	P	P	08 27 58.8	+0.4
B30A	Myrvik Farm, E	38.15	74	P	P	08 27 58.0	-0.4
J25A	Sunshine Ranch	38.16	84	P	P	08 27 58.5	-0.1
F28A	McLaughlin	38.32	79	P	P	08 28 00.5	+0.7
BC3	Big Chucawall	38.34	105	P	P	08 28 00.6	+0.3
H27A	Howes	38.35	81	P	P	08 28 00.6	+0.5
PV09	Paradox Valley	38.38	94	eP	P	08 28 02.7	+2.0
MONP	2 Monument Peak	38.40	107	P	P	08 28 00.8	0.0
ULM	Lac du Bonnet	38.45	70	P	P	08 27 54.3	-6.5
ULM	comp=N,1.53nm,18.0s,baz=312,slow=36			LR	LR	08 43 48.5	
C30A	Mose, Pekin	38.50	75	P	P	08 28 01.5	+0.3
PV10	Paradox Valley	38.52	94	eP	P	08 28 02.5	+0.7
E29A	Napoleon	38.53	77	P	P	08 28 01.1	-0.5
B31A	Greenbush Farm	38.53	73	P	P	08 28 01.1	-0.4
N23A	Red Feather La	38.56	89	P	P	08 28 01.7	-0.5
HABR	Khabarovsk	38.57	287	eP	P	08 28 00.3	-1.5
HABR				e'PP	PP	08 28 10.0	-3.0
HABR				e'SP	SP	08 28 14.1	-3.7
HABR				e		08 29 30.6	
HABR				ePPP	PPP	08 30 09.1	
HABR				eS	S	08 33 58.7	+4.0
HABR				e'SS	SS	08 34 15.1	+1.7
HABR				eSSS	SSS	08 37 12.2	
HABR				e		08 38 06.4	
HABR	comp=Z,4.3nm,2.2s						
PDMC1	Parker Dam,Lak	38.58	103	P	P	08 28 02.0	0.0
J26A	Sides Ranch, S	38.62	83	P	P	08 28 02.0	-0.4
D30A	Buchanan	38.70	76	P	P	08 28 02.2	-0.8
I27A	Quinn	38.72	82	P	P	08 28 02.9	-0.3
G28A	Parade	38.73	80	P	P	08 28 02.8	-0.5
IBP	Imperial Bould	38.75	107	P	P	08 28 03.6	0.0
Y12C	Blythe	38.78	104	P	P	08 28 04.2	+0.5
Y12C	Blythe	38.78	104	eP	P	08 28 05.4	+1.7
C31A	Landman Farms,	38.86	74	P	P	08 28 04.4	+0.1
F29A	Eureka	38.87	78	P	P	08 28 04.5	+0.1
H28A	Mission Ridge	38.92	80	P	P	08 28 05.4	+0.5
PV01	Paradox Valley	38.95	94	eP	P	08 28 06.0	+0.6
WUAZ	Wupatki	39.23	100	P	P	08 28 07.7	0.0
WUAZ	Wupatki	39.23	100	eP	P	08 28 07.7	0.0
I28A	Milford	39.26	81	P	P	08 28 07.9	+0.2
J27A	Elkhorn Farm,	39.26	83	P	P	08 28 07.7	-0.1

D31A	McClaffin, Tow	39.30	75	P	P	08 28 07.6	-0.3
H29A	Onida	39.40	80	P	P	08 28 09.1	+0.2
Y14A	Wickenburg	39.48	103	eP	P	08 28 11.3	+1.6
ISCO	Idaho Springs	39.48	90	P	P	08 28 10.3	+0.3
E31A	Nome	39.51	76	P	P	08 28 10.2	+0.5
AGMM	Agassiz Nation	39.58	72	P	P	08 28 09.9	-0.4
J28A	Allard Ranch,	39.59	82	P	P	08 28 10.1	-0.3
MVCO	Mesa Verde	39.64	95	P	P	08 28 11.4	+0.3
G30A	Faulkton	39.69	78	P	P	08 28 10.7	-0.5
F31A	Gracia	39.73	77	P	P	08 28 11.2	-0.3
F31A	Vivian Onida	39.73	81	P	P	08 28 11.7	+0.1
B33A	Robert and Kas	39.74	72	P	P	08 28 11.7	+0.1
E32A	Braaten, Kindr	39.94	75	P	P	08 28 12.9	-0.4
C33A	Trail	39.95	73	P	P	08 28 12.7	-0.6
X16A	Lo Ma Camp, P	39.99	101	eP	P	08 28 14.9	+0.8
J29A	Okreek	40.11	81	P	P	08 28 14.5	-0.2
S22A	4UR Ranch, Cre	40.21	93	P	P	08 28 15.0	-0.9
SUSD	Miller	40.22	79	P	P	08 28 15.1	-0.6
D33A	AnnSam, Waubun	40.22	74	P	P	08 28 15.2	-0.9
I30A	Oacoma	40.29	80	P	P	08 28 15.7	-0.5
C34A	PKJ Ranch, Bem	40.48	73	P	P	08 28 16.7	-1.0
G32A	Webster	40.52	77	P	P	08 28 17.4	-0.8
K29A	Lazy Trails An	40.53	82	P	P	08 28 17.7	-0.6
E33A	Westby DABS, E	40.57	75	P	P	08 28 18.0	-0.6
J30A	Dallas	40.63	81	P	P	08 28 18.3	-0.8
D34A	Park Rapids	40.66	73	P	P	08 28 18.2	-1.1
X18A	Snowflake	40.75	99	eP	P	08 28 22.6	+2.3
F33A	5 Mile Ranch,	40.82	76	P	P	08 28 19.9	-0.7
C35A	Jirik Farms, M	40.92	72	P	P	08 28 20.7	-0.9
SDCO	Great Sand Dun	40.96	92	P	P	08 28 21.5	-0.7
SDCO	Great Sand Dun	40.96	92	eP	P	08 28 22.6	+0.4
K30A	Basset	40.98	82	P	P	08 28 21.7	-0.3
E34A	Wadena	41.02	74	P	P	08 28 21.5	-0.7
H32A	Carlson Farm,	41.02	78	P	P	08 28 21.5	-0.8
J31A	Geddes	41.07	80	P	P	08 28 22.0	-0.7
214A	Organ Pipe Nat	41.08	105	P	P	08 28 22.5	-0.4
G33A	Ortonville	41.14	77	P	P	08 28 22.2	-1.0
D35A	Remer	41.28	73	P	P	08 28 23.6	-0.8
H33A	Prehn Over Nor	41.30	77	P	P	08 28 23.6	-0.9
E35A	Pequot Lakes	41.41	74	P	P	08 28 24.9	-0.5
K31A	O'Neill	41.49	81	P	P	08 28 25.5	-0.7
J32A	Parkston	41.52	80	P	P	08 28 25.6	-0.7
G34A	Benson	41.56	76	P	P	08 28 25.7	-0.9
M30A	Dale-Ortello V	41.58	83	P	P	08 28 26.3	-0.6
N29A	Votaw Ranch, W	41.63	85	P	P	08 28 26.8	-0.6
KSC0	Kaye Shedlock,	41.72	88	P	P	08 28 27.9	-0.2
H34A	Spellman Lake,	41.84	77	P	P	08 28 28.4	-0.5
K32A	Verde	41.91	81	P	P	08 28 29.2	-0.4
TUC	Tucson	41.93	102	P	P	08 28 29.7	-0.2
TUC	Tucson	41.93	102	eP	P	08 28 29.9	0.0
ECSD	EROS Data Cent	41.97	78	P	P	08 28 29.4	-0.7
D37A	Cotton	42.12	72	P	P	08 28 30.2	-1.0
F36A	Milaca	42.33	74	P	P	08 28 32.4	-0.5
H35A	Sunnyside Ranc	42.34	76	P	P	08 28 32.2	-0.8
ANMO	Albuquerque	42.41	96	P	P	08 28 33.6	-0.3
ANMO	Albuquerque	42.41	96	eP	P	08 28 35.7	+1.8
ANMO	Albuquerque	42.41	96	iP	P	08 28 27.7	-6.2
ANMO	Albuquerque	42.41	96		pmx		
E37A	Wrenshall	42.50	72	P	P	08 28 33.7	-0.6
BGNE	Belgrade	42.63	82	P	P	08 28 34.8	-0.6
BGNE	Belgrade	42.63	82	eP	P	08 28 38.2	+2.8
USRK	Ussuriysk Ar,	42.86	284	LR	LR	08 48 32.9	
H36A	Jessenland, He	42.92	76	P	P	08 28 37.2	-0.5
K34A	Le Mars	42.94	79	P	P	08 28 37.2	-0.7
J35A	Milford	42.99	78	P	P	08 28 37.7	-0.6
M33A	Taylor Creek F	43.06	81	P	P	08 28 38.6	-0.3
SPMN	Marine on St.	43.12	74	P	P	08 28 39.0	-0.3
L34A	Svensden Farm,	43.26	80	P	P	08 28 40.1	-0.3
121A	Cookes Peak, D	43.44	99	P	P	08 28 42.4	+0.1
121A	Cookes Peak, D	43.44	99	eP	P	08 28 42.9	+0.6
J36A	Sensa 1, Swea	43.50	77	P	P	08 28 42.6	+0.2
I37A	Lemond, Waseca	43.57	76	P	P	08 28 42.7	-0.2
BOD	Bodaibo	43.68	309	eP	P	08 28 42.9	-0.7
BOD				e		08 28 58.5	
BOD				e	pmx		pmx
K36A	Gilmore City	43.89	78	P	P	08 28 45.0	-0.6
MDJ	Mudanjiang	43.91	286	P	P	08 28 45.3	-0.4
MDJ					pmx		pmx
MDJ					pmx		pmx
J37A	Redenius Farm,	43.94	77	P	P	08 28 45.1	-0.9
R31A	Burdett	43.97	86	P	P	08 28 47.0	+0.6
K37A	Belmond	44.25	77	P	P	08 28 47.5	-1.0
H11S2	WAKE ISLAND Hy	44.27	226	T	T	09 16 02.4	
H11S3	WAKE ISLAND Hy	44.27	226	T	T	09 16 08.8	
N35A	Tabor	44.41	81	P	P	08 28	

Table with columns for station name, frequency, power, and other technical details. Includes stations like Zalesovo Array, Nanjing, Kurchatov, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like AAK Ala-Archa, Novokhoporsk, KASHI, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like BZS Buzias, VOIR Jiri, PHRA Phrae, etc.

IDC 06 08:29:1.2..9, 3, 0.27N, 122.17E, h222km, 92km, mb3.0/3, mb1.3/2.4, mb1mx2.8/5.1, mbtmp3.6/4, Error ellipse: s-maj=120.9km s-min=26.3km az=59.0, Minahassa Peninsula, Sulawesi

Table with columns for Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

6d 10h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GEYT Alibeck, MKAR Makanchi Array, KURBB Kurchatov Arra, etc.

IDC 06 08:42:31.4, 3.568S, 102.57E, h0km, mb3.6/5, mb1 3.7/5, mb1mx3.5/38, mbtmp3.6/5, Error ellipse: s-maj=180.7km s-min=22.9km az=53.0, Southern Sumatera

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

MEX 06 08:50:42.3, 1.0, 19.27N, 97.44W, h20km, 348km, MD3.8, Veracruz

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TPBG Tehuacan, LVIG Laguna Verde, PPM Popocatepetl, etc.

IDC 06 08:56:29.0, 3.6, 39.77N, 50.83E, h0km, mb3.6/4, mb1 3.8/6, mb1mx3.4/38, mbtmp3.6/6, ML3.7/2, Error ellipse: s-maj=79.5km s-min=27.5km az=24.0, Caspian Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GEYT Alibeck, AKTO Aktyubinsk, BVAR Borovoye Array, etc.

ISCJB 06 09:11:20.9, 0.6, 39.23N, 0.03, 41.65E, 0.04, h13km, 4km, Error ellipse: s-maj=5.9km s-min=4.8km az=152.4

CSEM 06 09:11:20.5, 0.2, 39.24N, 41.69E, h12km, MD2.8

ISK 06 09:11:20.3, 39.22N, 41.66E, h12km, MD2.8

ISK 06 09:11:20.3, 39.20N, 41.67E, h14km, MD2.8

ISC 06 09:11:20.0, 0.9, 39.24N, 0.03, 41.67E, 0.03, h12km, 8km, n20, 0.691/59, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VRTB Varto-Mus, EKAR Karacoban, BINGOL, etc.

IDC 06 09:16:26.5, 1.7, 32.07N, 87.66E, h0km, mb3.4/4, mb1 3.5/5, mb1mx3.3/48, mbtmp3.4/5, ML2.5/1, Error ellipse: s-maj=55.9km s-min=25.3km az=64.0, Xizang

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KURBB Kurchatov Arra, SONMG Songoing Array, ZALV Zalesovo Beam, etc.

DDA 06 09:25:10.9, 37.90N, 27.27E, h7km, MD2.6

ISK 06 09:25:10.9, 37.90N, 27.25E, h10km, MD2.6

ISCJB 06 09:25:11.2, 0.5, 37.89N, 0.02, 27.22E, 0.03, h10km, 4km, Error ellipse: s-maj=4.6km s-min=3.8km az=141.0

CSEM 06 09:25:11.2, 0.3, 37.88N, 27.20E, h2km, MD2.6, Error ellipse: s-maj=6.4km s-min=5.1km az=47.0

ISC 06 09:25:11.0, 0.8, 37.89N, 0.02, 27.24E, 0.02, h16km, 7km, n40, 0.677/59, Turkey

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GCAM G?zelcam!, AYDB Zeytinkoy-Aydi, etc.

IDC 06 09:27:10.1, 1.2, 14.07S, 166.41E, h0km, mb3.8/5, mb1 4.0/6, mb1mx3.7/33, mbtmp3.8/6, ML3.9/1, MS2.9/1, Ms1 2.9/1, ms1mx2.3/31, Error ellipse: s-maj=48.7km s-min=25.8km az=133.0

ISCJB 06 09:27:14.5, 1.0, 14.3S, 0.1, 166.4E, 0.2, h43km, mb3.7/5, Error ellipse: s-maj=28.7km s-min=18.5km az=11.9

ISC 06 09:27:16.1, 1.0, 14.2S, 0.1, 166.5E, 0.2, h43km, m9, 0.676/8, mb3.6/5, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DZM Mont Dzumac, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 06 09:45:52.9, 5.4, 39.25N, 111.25E, h0km, mb3.5/3, mb1 3.7/4, mb1mx3.3/39, mbtmp3.6/4, ML3.0/1, MS2.9/2, Ms1 2.9/2, ms1mx2.4/29, Error ellipse: s-maj=110.4km s-min=24.9km az=83.0, Northeastern China

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SONMG Songoing Array, KSRK Korea Array, MKAR Makanchi Array, etc.

CSEM 06 09:55:30.6, 0.6, 39.90N, 29.47E, h10km, MD2.8, Error ellipse: s-maj=26.0km s-min=11.9km az=2.0

DDA 06 09:55:29.9, 39.74N, 29.44E, h9km, MD2.8, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ULDT Uludag, BORA Eskisehir, MKAR Makanchi Array, etc.

ISCJB 06 09:57:58.3, 1.1, 36.42N, 0.03, 37.34E, 0.08, h0km, Error ellipse: s-maj=9.3km s-min=3.8km az=11.1

CSEM 06 09:57:58.4, 0.5, 36.42N, 37.37E, h1km, MD2.8, Error ellipse: s-maj=8.4km s-min=4.6km az=93.0, Suspected Mining explosion.

NSCC 06 09:58:00.9, 0.5, 36.39N, 37.18E, h1km, 3km, ML1.5

DDA 06 09:58:00.9, 36.39N, 37.23E, h7km, MD2.8, Suspected Mining explosion.

ISC 06 09:57:58.3, 1.4, 36.41N, 0.03, 37.35E, 0.08, h0km, n18, 0.652/34, Jordan-Syria region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KUZU Kuzuni, DRWC Darouich, etc.

IDC 06 10:08:26.3, 1.1, 12.51N, 87.50W, h0km, mb4.0/10, mb1 4.2/11, mb1mx4.0/33, mbtmp4.0/11, ML3.2/1, MS3.2/8, Ms1 3.2/8, ms1mx3.1/34, Error ellipse: s-maj=36.9km s-min=21.7km az=52.0

CASC 06 10:08:30.2, 1.7, 12.18N, 88.00W, h23km, 6km, MD4.2, ML3.9, mb4.5, NEIC

ISCJB 06 10:08:31.7, 0.5, 12.22N, 0.04, 87.91W, 0.03, h61km, 3km, mb4.3/49, Error ellipse: s-maj=8.1km s-min=5.3km

BJI 06 10:08:32.3, 12.40N, 87.70W, h70km, Ms7.4/9.1

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DRWC, BTCH Batrach, HCB Kahramanmara, etc.

IDC 06 10:08:26.3, 1.1, 12.51N, 87.50W, h0km, mb4.0/10, mb1 4.2/11, mb1mx4.0/33, mbtmp4.0/11, ML3.2/1, MS3.2/8, Ms1 3.2/8, ms1mx3.1/34, Error ellipse: s-maj=36.9km s-min=21.7km az=52.0

CASC 06 10:08:30.2, 1.7, 12.18N, 88.00W, h23km, 6km, MD4.2, ML3.9, mb4.5, NEIC

ISCJB 06 10:08:31.7, 0.5, 12.22N, 0.04, 87.91W, 0.03, h61km, 3km, mb4.3/49, Error ellipse: s-maj=8.1km s-min=5.3km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TSEB Hengchuen, TWK1 Hengchun, HEN Hengchun, etc.

JMA 06 10:08:24.5, 0.7, 21.55N, 120.71E, h96km, M3.0

TAP 06 10:08:26.5, 2.1, 45N, 121.12E, h35km, ML3.3, C

ISC 06 10:08:29.3, 2.4, 21.6N, 0.1, 121.11E, 0.04, h25km, 12km, n33, 1.07/51, ID, Taiwan region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TSEB Hengchuen, TWK1 Hengchun, HEN Hengchun, etc.

IDC 06 10:08:26.3, 1.1, 12.51N, 87.50W, h0km, mb4.0/10, mb1 4.2/11, mb1mx4.0/33, mbtmp4.0/11, ML3.2/1, MS3.2/8, Ms1 3.2/8, ms1mx3.1/34, Error ellipse: s-maj=36.9km s-min=21.7km az=52.0

CASC 06 10:08:30.2, 1.7, 12.18N, 88.00W, h23km, 6km, MD4.2, ML3.9, mb4.5, NEIC

ISCJB 06 10:08:31.7, 0.5, 12.22N, 0.04, 87.91W, 0.03, h61km, 3km, mb4.3/49, Error ellipse: s-maj=8.1km s-min=5.3km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TSEB Hengchuen, TWK1 Hengchun, HEN Hengchun, etc.

IDC 06 10:08:26.3, 1.1, 12.51N, 87.50W, h0km, mb4.0/10, mb1 4.2/11, mb1mx4.0/33, mbtmp4.0/11, ML3.2/1, MS3.2/8, Ms1 3.2/8, ms1mx3.1/34, Error ellipse: s-maj=36.9km s-min=21.7km az=52.0

CASC 06 10:08:30.2, 1.7, 12.18N, 88.00W, h23km, 6km, MD4.2, ML3.9, mb4.5, NEIC

ISCJB 06 10:08:31.7, 0.5, 12.22N, 0.04, 87.91W, 0.03, h61km, 3km, mb4.3/49, Error ellipse: s-maj=8.1km s-min=5.3km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TSEB Hengchuen, TWK1 Hengchun, HEN Hengchun, etc.

IDC 06 10:08:26.3, 1.1, 12.51N, 87.50W, h0km, mb4.0/10, mb1 4.2/11, mb1mx4.0/33, mbtmp4.0/11, ML3.2/1, MS3.2/8, Ms1 3.2/8, ms1mx3.1/34, Error ellipse: s-maj=36.9km s-min=21.7km az=52.0

CASC 06 10:08:30.2, 1.7, 12.18N, 88.00W, h23km, 6km, MD4.2, ML3.9, mb4.5, NEIC

ISCJB 06 10:08:31.7, 0.5, 12.22N, 0.04, 87.91W, 0.03, h61km, 3km, mb4.3/49, Error ellipse: s-maj=8.1km s-min=5.3km

BJI 06 10:08:32.3, 12.40N, 87.70W, h70km, Ms7.4/9.1

NEIC 06 10:08:33.6:1.0, 12:37N-87.68W, h70km, 6km, mb4.5/4.0, Error ellipse: s-maj=13.3km s-min=6.5km az=225.0

NEIC Felt at San Salvador, El Salvador. ISC 06 10:08:33.6:1.0, 12:29N-006:87.93W, h70km, 6km, n357, r1907/365, mb4.4/4.9, 1C, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists seismic stations including San Cristobal, Conchagua, San Miguel, Lacayo, Cerro Negro, Pacayal, Copaltepe, Tecapa, Cacacuatique, Gruta Xavier, San Vicente, El Crucero, Managua, Estel, El Faro, Las Brisas, La Fuente, Tegucigalpa, Serv Nac Est T, Boqueron, BOACO BROADBAND, Ecomontana, JuntasAbangare, Jicaral, Cerro Gallo 2, Heredia, Quepos, Buena Vista, Comitán, Matias Romero, Tiapa, El Rosal, North Padre Is, Hebronville, Farr-Stevens R, Laredo, Tilden, Circle Diamond, Cross D Ranch, Smothers Creek, Harpe Horsep, Chaparral WMA, La Parita Cree, Leesville, Green Hill Far, Divot King Ran, Faith Ranch, Dale, Phantom Ranch, Vicksburg, Saathoff Ranch, Wall Ranch, Ga, Crockett, Blanco, Centerville, Kerrville, Riesel, Burnet, Moody, Washetta, Mont, Art, Junction City, Junction City, Lometa, Matatal Enter, Godfrey, Heron Place, Long Farm, Lake Whitney, Atahualpa, Richland Sprin, Ennis, Rising Star, Okolona, White-Moore Ra, Lockesburg, Coleman, Lajitas Array, idabel, Hamilton Ranch, Mertzton.

Table with columns: Code, Name, Az, Op, Phase ID, Time, Res, ISC. Lists seismic events including Hugo, Mount Ida, Mount Ida, Durant, Fountain Ranch, Collier Ranch, Seweae, Abilene, Hawle, Abilene, Hawle, Marietta, Whitaker Ranch, Whitesboro, Clayton, Cooper Cave, Ferguson Farm, Roby, Reagan Ranch, Magazine, Haskell, Poteau, Petigrow, Drake, Tuckaleechee C, Hilltop Ranch, Sharp Cattle R, Quinton, Wetunka, Smith Ranch, M, Pettigrow, R-V Farms, Sanderson Ranch, Lawton, Tecumseh, Canehill, Rekieta Farm, Elmer, Yellville, Hulbert, Wichita Mounta, Jenks, Green Forest, Bridge Creek, Bridge Creek, Stafford Cattl, Meyer Ranch, Gravette, McDonald Ranch, Salina, Sentinel, Guthrie, Coker Ranch, Mansfield, Clever, Cornudas Mount, Cornudas Mount, Lossen Ranch, Pawnee, Diamond, Arapaho, Muleshoe, Muleshoe, Cheneyville 18, Lebanon, Boggs Farm, Amariillo, Amariillo, Lingo Farm, Spring Creek L, Bolivar, Stockton, McClaskey Farm, Maddies Studio, Lake Cedric, Chumby, Stover, Fenwick Farm, Otter Creek Ra, Nana, Laux Farm, Willow Grove F, Cooks Store, Longview Farm, Newby Ranch.

Table with columns: Code, Name, Az, Op, Phase ID, Time, Res, ISC. Lists seismic events including Cookes Peak, Paris, Hugoton, Long Quarter, Burdett, Lafayette, Duane Minner, Manter, Albuquerque, Albuquerque, Dight, Galt, Kirksville, Walnut Farm, Cedar Bluff, Quinter, Tribune, Derby Farms, Huiting Farm, Trinidad, Trinidad, Trinidad, Lee Faris, Mou, Oakley, Hilltop Ranch, Pleasantville, Wolen Ranch, Atwood, Felix, Anita, MW Ranch, Wils, Great Sand Dun, Great Sand Dun, Neola, Phoenix Point, Harm Buss Farm, Krutinger Ran, Belgrade, 4UR Ranch, 4UR Ranch, Lambrecht Ranch, Belmont, Mesa Verde, Burnside Ranch, Hardington, Butterfield Fa, Redenius Farm, Wupatki, Seneca, I, Swea, Verdigre, Idaho Springs, O'Neill, Basset, Lemond, Waseca, Creekview Farm, Fitzsimmons Fa, Lazy Trails An, EROS Data Cent, EROS Data Cent, Parker Dam, Lak, Dierke Farm, Ten Mile Ranch, Dallas, Jessenland, He, Okreek, Sunnyside Ranc, White River Ci, White River Ci, Oacoma, Marine on St., Carlson Farm, Pohn Over Nor, Elkhorn Farm, St. Michael, Vivian Onida, Miller, Belle Mtn. Jos, Benson, Ortonville, Midland, Milaca, Webster, Swanville.

6d 10h

Table with columns: ID, Name, Az, El, SNR, and other parameters. Includes stations like F34A Alexandria, G30A Faulkton, H28A Mission Ridge, etc.

2011 FEB

Table with columns: Code, Station Name, Az, El, SNR, Time, Res, and other parameters. Includes stations like SCHQ, SCHO, EDM, FCC, BDFB, FRB, YKA, etc.

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Table with columns: ID, Name, Az, El, SNR, and other parameters. Includes stations like MJAR, MAJO, JFK, MAT, etc.

6d 11h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, and various station details like frequency and power.

ISCBJ 06 10:40:47.2, 0.7, 58.8S, 0.1, 26.4W, 0.2, h116km, mb4.3/9, Error ellipse: s-maj=19.6km s-min=12.8km az=42.3

ISCB 06 10:40:52.9, 6.1, 58.91S, 26.41W, h158km, mb3.9/7, mb1.4, 0.7, mb1mx3.7/21, mbtmp3.4/37, Error ellipse: s-maj=25.5km s-min=17.8km az=21.0

NEIC 06 10:40:53.5, 1.9, 58.92S, 26.40W, h165km, mb4.8/2, Error ellipse: s-maj=12.6km s-min=8.0km az=214.0

ISC 06 10:40:48.6, 0.6, 58.9S, 0.1, 26.4W, 0.1, h116km, n18, r156/20, mb4.3/9, South Sandwich Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, and station details for various stations like SNA, TRQA, QSPA, etc.

ISCBJ 06 10:49:41.1, 0.8, 36.33N, 0.07, 71.14E, 0.07, h100km, mb3.5/4, Error ellipse: s-maj=10.2km s-min=7.8km az=18.3

ISCB 06 10:49:41.8, 5.4, 36.33N, 71.30E, h91km, mb3.4/4, mb1.3/5/11, mb1mx3.2/50, mbtmp3.7/11, Error ellipse: s-maj=60.5km s-min=23.2km az=152.0

NNC 06 10:49:48.5, 14.0, 37.07N, 70.97E, h0km, mb4.1, mpv3.9, Error ellipse: s-maj=149.5km s-min=86.3km az=148.0

ISC 06 10:48:40.9, 0.5, 39.26N, 0.07, 71.26E, 0.07, h100km, n23, r217/30, mb3.7/4, 6C-1D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, and station details for stations like DZET, AML, UCH, etc.

2011 FEB

Table with columns: ZALV, FINES, ARCES, NOA, YKA, and station details like Zalesovo Beam, FINESS Array B, etc.

IDC 06 10:53:03.9, 2.1, 7.61S, 122.73E, h0km, mb3.5/1, mb1.3/5/3, mb1mx3.2/45, mbtmp3.3/33, ML3.1/2, Error ellipse: s-maj=301.7km s-min=30.3km az=56.0, Flores Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, and station details for stations like WRA, ASAR, MKAR, etc.

DDA 06 10:53:46.5, 36.10N, 36.03E, h7km, Md2.7

ISCJB 06 10:53:48.3, 0.6, 36.08N, 0.03, 36.10E, 0.05, h5km, 5km, Error ellipse: s-maj=7.8km s-min=4.8km az=28.4

CSEM 06 10:53:48.3, 0.2, 36.06N, 36.09E, h4km, 2km, ML1.5, Error ellipse: s-maj=6.0km s-min=4.3km az=112.0

NSSC 06 10:53:48.1, 0.7, 36.10N, 36.07E, h4km, 5km, ML1.5, ISC 06 10:53:47.6, 0.9, 36.09N, 0.03, 36.06E, 0.05, h6km, 8km, n14, r084/26, Jordan-Syria region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, and station details for stations like YAYL, ARNB, BTCH, etc.

KRNET 06 11:04:34.3, 0.1, 41.32N, 77.79E, h19km, mb3.8

SOME 06 11:04:34.2, 41.33N, 77.82E, h5km

IDC 06 11:04:36.3, 2.0, 41.35N, 77.86E, h0km, mb3.1/2, mb1.3/5/6, mb1mx3.4/6, mbtmp3.4/6, ML3.3/4, Error ellipse: s-maj=23.2km s-min=14.4km az=171.0

BUI 06 11:04:37.7, 41.39N, 77.86E, h10km, ML3.6/9

NNC 06 11:04:37.8, 2.2, 41.33N, 77.78E, h0km, mb4.2, mpv3.8, Error ellipse: s-maj=17.9km s-min=9.3km az=173.0

ISC 06 11:04:36.2, 3.0, 41.34N, 0.07, 77.80E, 0.03, h2km, 21km, n57, r150/91, 23C-23D, Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, and station details for stations like PRZ, NRN, ANVS, etc.

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Table with columns: KPKS, TKM2, TKM2, TKM2, TKM2, and station details like 882nm, 0.6s, 2.28 315, etc.

Table with columns: KSH, KSH, KSH, and station details like Kashi, comp=N, 280nm, 0.8s, etc.

Table with columns: KSH, PDGK, PDGK, PDGK, PDGK, and station details like comp=E, 280nm, 0.5s, 66nm, 0.5s, etc.

Table with columns: PDGK, PDGK, KBK, KBK, and station details like 628nm, 0.6s, 2.35 32, 2.50 303, etc.

Table with columns: KBK, KBK, KTBS, KTBS, and station details like 882nm, 0.6s, 2.50 303, 2.51 341, etc.

Table with columns: KTBS, KTBS, CHKK, CHKK, and station details like 2.60 347, 538nm, 0.5s, etc.

Table with columns: UCH, UCH, KUU, KUU, and station details like 2.61 291, 2.77 338, etc.

Table with columns: KUU, KUU, MNBS, MNBS, and station details like 195nm, 0.4s, 2.78 9, etc.

Table with columns: MNBS, MNBS, FRU1, FRU1, and station details like 398nm, 0.6s, 2.78 303, etc.

Table with columns: FRU1, FRU1, AAK, AAK, and station details like 2.67 291, 2.71 338, etc.

Table with columns: AAK, AAK, AAK, AAK, and station details like 11nm, 0.3s, 2.78 299, etc.

Table with columns: AAK, AAK, CHMS, CHMS, and station details like 19nm, 0.3s, 2.78 299, etc.

Table with columns: CHMS, CHMS, CHMS, CHMS, and station details like 376nm, 0.7s, 2.78 299, etc.

Table with columns: CHMS, CHMS, CHMS, CHMS, and station details like 376nm, 0.7s, 2.78 299, etc.

Table with columns: CHMS, CHMS, CHMS, CHMS, and station details like 376nm, 0.7s, 2.78 299, etc.

Table with columns: CHMS, CHMS, CHMS, CHMS, and station details like 376nm, 0.7s, 2.78 299, etc.

Table with columns: CHMS, CHMS, CHMS, CHMS, and station details like 376nm, 0.7s, 2.78 299, etc.

Table with columns: CHMS, CHMS, CHMS, CHMS, and station details like 376nm, 0.7s, 2.78 299, etc.

Table with columns: CHMS, CHMS, CHMS, CHMS, and station details like 376nm, 0.7s, 2.78 299, etc.

Table with columns: CHMS, CHMS, CHMS, CHMS, and station details like 376nm, 0.7s, 2.78 299, etc.

Table with columns: CHMS, CHMS, CHMS, CHMS, and station details like 376nm, 0.7s, 2.78 299, etc.

Table with columns: CHMS, CHMS, CHMS, CHMS, and station details like 376nm, 0.7s, 2.78 299, etc.

Table with columns: CHMS, CHMS, CHMS, CHMS, and station details like 376nm, 0.7s, 2.78 299, etc.

Table with columns: CHMS, CHMS, CHMS, CHMS, and station details like 376nm, 0.7s, 2.78 299, etc.

Table with columns: CHMS, CHMS, CHMS, CHMS, and station details like 376nm, 0.7s, 2.78 299, etc.

Table with columns: CHMS, CHMS, CHMS, CHMS, and station details like 376nm, 0.7s, 2.78 299, etc.

Table with columns: CHMS, CHMS, CHMS, CHMS, and station details like 376nm, 0.7s, 2.78 299, etc.

Table with columns: CHMS, CHMS, CHMS, CHMS, and station details like 376nm, 0.7s, 2.78 299, etc.

Table with columns: CHMS, CHMS, CHMS, CHMS, and station details like 376nm, 0.7s, 2.78 299, etc.

Table with columns: CHMS, CHMS, CHMS, CHMS, and station details like 376nm, 0.7s, 2.78 299, etc.

DDA 06 11:06:10.7, 37.36N, 38.54E, h7km, Md2.3, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, and station details for stations like SURC, AKCD, etc.

ISCJB 06 11:08:10.8, 1.2, 34.48N, 0.03, 36.65E, 0.08, h10km, 7km, Error ellipse: s-maj=11.1km s-min=4.7km az=110.3

CSEM 06 11:08:10.9, 0.4, 34.44N, 36.65E, h2km, ML3.1, Error ellipse: s-maj=10.7km s-min=5.3km az=103.0

GRAL 06 11:08:11.8, 0.3, 34.33N, 36.67E, h2km, 3km, MD3.1

NSSC 06 11:08:12.9, 1.9, 34.47N, 36.83E, h42km, 11km, MD1.4, ML1.9

ISC 06 11:08:10.5:1.5,34746N,0:03:36.68E:0.06,h16km,gkm,
n22,c136/39,Jordan-Syria region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like FKH, HWQ, BHL, etc. with their respective coordinates and phases.

Table with columns: UGM, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Wanaqama, Pinang, Semarang, etc. with their respective coordinates and phases.

Table with columns: Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like APSI, SDKM, MYLDM, etc. with their respective coordinates and phases.

ISCJB 06 11:21:14.0:0.6,8:27S:104:10E:0:02,h4km,z3km,
m5.6/201,MS5.2/174, Error ellipse: s-maj=3.4km
s-min=2.6km az=22.9

IDC 06 11:21:15.0:0.3,8:25S:104:19E,h0km,m5.4/37,
mb1.5/39,mb1mx5.2/43,mbtmp5.2/39,ML4.4/2,MS5.1/32,
Ms1.5/132,ms1mx5.0/37, Error ellipse: s-maj=12.0km
s-min=9.3km az=52.0

BUI 06 11:21:15.3:3:30S:104:10E,h13km,mb5.5/88,mb5.8/83,
MS5.7/97,MS7.5/90

NEIC 06 11:21:16.3:0.1,8:28S:104:07E,h7km,m6.5/90,ME5.6,
MS5.2/108,MW5.6, Error ellipse: s-maj=4.2km
s-min=3.4km az=30.0, Moment Tensor Solution, s22

Moment tensor: Scale 10¹⁷Nm; Mw=1.97;
Ms=2.10; Mw2.34; Mw=0.76; Mw=1.15; Best double
couple: M3.400000*10¹⁷ NP1=142.000000*85.000000*
146.000000* NP2=344.000000*844.000000*173.000000*
Principal axes: T 3.8400,Plg35.0000*, Azm15.0000*; N
-1.2400,Plg44.0000*, Azm147.0000*; P -2.6000,
Plg26.0000*, Azm265.0000*; Broadband fault plane
solution: P waves. NP1=142.000000*852.000000*
146.000000* NP2=344.000000*875.000000*
142.000000* Principal axes: T Plg15.0000*
Azm96.0000*; N Plg0.0000*, Azm0.0000*; P Plg38.0000*
Azm34.0000*; Depth from synthetics of broadband
displacement seismograms. Energy computed from BB
mechanism.

GCMT 06 11:21:17.3:0.1,8:47S:104:05E,h12km,MW5.7/113,
Moment Tensor Solution, s98,c180; s113,c325;
Duration: 1s7 Moment tensor: Scale 10¹⁷Nm;
Mw=2.93±0.04; Mw=3.21±0.03; Mw=0.28±0.04; Mw=0.33±0.10;
Mw=3.01±0.03; Mw=0.77±.12; Best double couple;
M=4.099000*10¹⁷ NP1=320.000000*854.000000*
146.000000* NP2=397.000000*845.000000*
142.000000* Principal axes: T 5.0010,Plg5.0000*
Azm330.0000*; N -1.8050,Plg23.0000*; Azm122.0000*; P
-3.1960,Plg07.0000*; Azm289.0000*; nsta1 refers to
body waves, cutoff=40s. nsta2 refers to surface/mantle
waves, cutoff=50s.

DJA 06 11:21:17.8:0.1,8:2S:2*104E*,h10km,M5.6/123,
mb5.5/123,mb6.0/95,MLV5.9/31,MW(m)5.6/95,
Mwps.8/16

MOS 06 11:21:18.1±1.0,7:99S:103:97E,h19km,mb5.8/68,
MS5.3/40, Error ellipse: s-maj=7.8km s-min=4.4km
az=112.0

KLM 06 11:21:19.3:0.8:17S:104:07E,h28km,mb5.7,ML5.5,MS6.2
ISC 06 11:21:19.5:0.5,8:26S:103:104E:0:03,h15km,z2km,
n1446,c1930/1406,mb5.6/230,MS5.3/176,56C-80D,
Southwest of Sumatera

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like CGJI, XMIS, KASI, etc. with their respective coordinates and phases.

Table with columns: UGM, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Wanaqama, Pinang, Semarang, etc. with their respective coordinates and phases.

Table with columns: Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like APSI, SDKM, MYLDM, etc. with their respective coordinates and phases.

6d 11h

Table with columns: Call Sign, Frequency, Power, Mode, and other parameters. Includes stations like PALK, SWI, SIJI, H01W3, etc.

2011 FEB

Table with columns: Call Sign, Frequency, Power, Mode, and other parameters. Includes stations like VIS, CHLP, KMI, BWNR, etc.

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Table with columns: Call Sign, Frequency, Power, Mode, and other parameters. Includes stations like YOJ, KLRI, NGP, BBOO, etc.

Table with columns: Code, Name, Date, Time, Status, and other details. Includes entries like KRLC Kraljick, GAMB Gambell, DPC Dobruska-Polom, etc.

Table with columns: Code, Name, Date, Time, Status, and other details. Includes entries like E07A Sunnyside, I05D Terrebonne, J04A Carlson Farm, etc.

Table with columns: Code, Name, Date, Time, Status, and other details. Includes entries like G26A Maurine, U15A North Rim, D30A Buchanan, etc.

BDFB	Brasilia	143.58	229	PKP	PKPdf	11 40 52.9	-0.1
M38A	Pleasantville	143.59	22	P	PKPbc	11 40 48.9	-0.5
Q33A	Connelly Farm,	143.59	29	P	PKPbc	11 40 49.3	-0.3
R32A	Long Quarter,	143.60	31	P	PKPbc	11 40 49.4	-0.3
P34A	Walnut Farm, R	143.63	28	P	PKPab	11 40 48.9	+0.1
T30A	Plains	143.64	34	P	PKPbc	11 40 50.9	+1.0
LONV	Lake Ozonia	143.76	358	ePKPdf	PKPbc	11 40 49.5	-0.4
N37A	Lee Faris, Mou	143.76	24	P	PKPab	11 40 49.5	+0.2
X31A	Mullinville	143.80	30	P	PKPbc	11 40 50.2	-0.1
U30A	WK&Inc. Balk	143.95	35	P	PKPbc	11 40 50.7	0.0
O36A	Bolkow	143.98	25	P	PKPbc	11 40 50.4	-0.3
MNTX	Cornudas Mount	143.99	46	P	PKPbc	11 40 51.5	+0.5
MINX	Cornudas Mount	143.99	46	ePKPdf	PKPdf	11 40 52.1	-1.1
P35A	Duane Minner,	144.01	27	P	PKPab	11 40 50.2	-0.1
R32A	Newby Ranch, P	144.03	32	P	PKPbc	11 40 50.7	-0.3
S33A	Olander Ranch,	144.05	30	P	PKPbc	11 40 50.8	-0.2
Q34A	Chapman	144.08	29	P	PKPab	11 40 50.5	-0.1
T31A	Randall Ranch,	144.08	33	P	PKPab	11 40 50.7	0.0
KSU1	Kansas State U	144.09	28	P	PKPab	11 40 50.4	+0.2
KSU1	Kansas State U	144.09	28	ePKPdf	PKPbc	11 40 51.2	+0.2
N38A	Joess South For	144.11	23	P	PKPab	11 40 50.5	-0.1
O37A	Wolven Farm, M	144.29	24	P	PKPbc	11 40 51.5	-0.1
P36A	Good Intent, A	144.30	26	P	PKPab	11 40 51.3	-0.1
N39A	Derby Farms, D	144.31	22	P	PKPab	11 40 51.2	-0.1
MDV	Muleshoe	144.32	357	ePKPdf	PKPbc	11 40 51.4	-0.2
MSTX	Muleshoe	144.39	40	P	PKPbc	11 40 52.6	+0.3
MSTX	Muleshoe	144.39	40	ePKPdf	PKPbc	11 40 53.0	+0.7
R34A	Isabella, Hill	144.42	30	P	PKPbc	11 40 52.2	+0.1
T32A	Huddler Ranch,	144.42	32	P	PKPbc	11 40 52.5	+0.3
V30A	Spur Ranch, Mi	144.47	36	P	PKPbc	11 40 52.8	+0.4
AMTX	Amarillo	144.47	38	P	PKPbc	11 40 53.2	+0.6
AMTX	Amarillo	144.47	38	ePKPdf	PKPbc	11 40 52.8	+0.2
U31A	Nine Bar Ranch	144.51	34	P	PKPbc	11 40 53.0	+0.5
Q35A	Mercer Eighty,	144.55	28	P	PKPbc	11 40 52.3	-0.2
S33A	Kaszaul Farm,	144.59	31	P	PKPbc	11 40 52.9	+0.2
O38A	Galt	144.59	24	P	PKPab	11 40 52.4	0.0
P37A	Lathrop	144.59	25	P	PKPab	11 40 52.6	-0.2
Q36A	Arnold C. Orve	144.73	27	P	PKPab	11 40 52.6	-0.4
O39A	Kirksville	144.84	22	P	PKPab	11 40 53.2	-0.1
T33A	Patterson Ranc	144.85	32	P	PKPbc	11 40 53.6	0.0
R35A	Emporia Munci	144.91	28	P	PKPbc	11 40 53.8	+0.2
W30A	Crocket Farms	144.93	37	P	PKPdf	11 40 54.4	-0.4
V31A	Spring Creek L	144.94	35	P	PKPdf	11 40 54.9	+0.1
S32A	Willow Spring	144.96	30	P	PKPab	11 40 53.6	-0.2
ACCN	Adirondack Com	144.96	357	ePKPdf	PKPab	11 40 53.4	-0.3
U32A	Winter Ranch,	144.97	34	P	PKPbc	11 40 54.3	+0.3
O38A	Dawn	145.00	24	P	PKPbc	11 40 53.8	-0.1
P40A	La Belle	145.21	22	P	PKPbc	11 40 54.1	-0.5
R36A	Gordon, Harris	145.23	28	P	PKPbc	11 40 54.4	-0.3
Q37A	Longview Farm,	145.24	26	P	PKPbc	11 40 53.8	-0.9
X30A	Coker Ranch, T	145.26	38	P	PKPdf	11 40 55.2	-0.2
W31A	Holland Ranch	145.30	36	P	PKPdf	11 40 55.6	-0.2
S35A	Offter Creek Ra	145.36	29	P	PKPbc	11 40 55.0	-0.1
U33A	Lingo Farm, Me	145.41	33	P	PKPab	11 40 55.5	-0.1
P39A	Salisbury	145.42	23	P	PKPbc	11 40 54.9	-0.4
V32A	Arapaho	145.43	34	P	PKPab	11 40 56.0	+0.3
T34A	McClaskey Farm	145.44	31	P	PKPbc	11 40 55.2	-0.3
Q38A	Cooks Store, C	145.52	25	P	PKPdf	11 40 55.3	-0.3
R37A	Teagarden Farm	145.54	27	P	PKPdf	11 40 55.0	-0.6
TRY	Troy	145.61	357	ePKPdf	PKPab	11 40 57.4	+1.4
Y30A	Stifford Catti	145.63	39	P	PKPab	11 40 57.0	+0.3
P40A	Paris	145.66	22	P	PKPbc	11 40 55.8	-0.2
X31A	McDonald Ranch	145.67	37	P	PKPab	11 40 56.9	+0.3
S36A	Lake Cedric, C	145.67	28	P	PKPdf	11 40 55.5	-0.3
HRV	Adam Dzewonski	145.68	354	ePKPdf	PKPab	11 40 56.1	-0.2
HRV	Adam Dzewonski	145.68	354	ePKIKP	PKPdf	11 40 55.1	-0.2
HDL	Hopedale	145.69	18	P	PKPdf	11 40 55.7	-0.1
HDL	Hopedale	145.69	18	ePKPdf	PKPdf	11 40 55.8	-0.1
Q39A	Willow Grove F	145.71	24	P	PKPbc	11 40 56.0	-0.2
U34A	Anderson Ranch	145.72	32	P	PKPab	11 40 56.6	-0.1
U34A	Anderson Ranch	145.72	32	ePKPdf	PKPab	11 40 56.7	+0.1
W32A	Sentinel	145.75	35	P	PKPab	11 40 56.6	-0.2
V33A	Lossen Ranch,	145.78	33	P	PKPbc	11 40 56.6	0.0
T35A	Sooner Cattle	145.87	30	P	PKPab	11 40 56.9	-0.3
Z30A	Sanderson Ranc	145.88	40	P	PKPab	11 40 57.4	-0.1
V31A	Rekieta Farm,	145.96	38	P	PKPab	11 40 57.7	0.0
QUA2	Belchertown	145.97	355	ePKPdf	PKPab	11 40 57.1	-0.2
S37A	Fort Scott	146.00	27	P	PKPdf	11 40 56.6	+0.2
R38A	Fenwick Farm,	146.05	26	P	PKPdf	11 40 56.3	-0.2
T36A	Boggs Farm, Ca	146.06	29	P	PKPbc	11 40 57.4	0.0
ERPA	Erie	146.08	5	ePKPdf	PKPbc	11 40 56.8	-0.5
Q40A	Laux Farm, Aux	146.11	23	P	PKPbc	11 40 57.2	-0.3
W33A	Caddo, Fort Co	146.17	34	P	PKPab	11 40 58.4	0.0
V34A	Guthrie	146.18	33	P	PKPbc	11 40 57.9	+0.1
V34A	Guthrie	146.18	33	ePKPdf	PKPab	11 40 58.3	-0.1
U35A	Pawnee	146.18	31	P	PKPbc	11 40 57.9	+0.1
BINY	Binghamton	146.20	0	ePKPdf	PKPdf	11 40 56.9	+0.2
HPIG	HPIG	146.22	53	ePKPdf	PKPab	11 40 58.8	-0.4
X32A	Elmer	146.22	36	P	PKPbc	11 40 58.0	0.0
WMOK	Wichita Mounta	146.29	35	ePKPdf	PKPbc	11 40 57.6	-0.6
WMOK	Wichita Mounta	146.29	35	ePKP2	PKPbc	11 40 57.6	-0.6
R39A	Chumby, Stover	146.31	25	P	PKPbc	11 40 57.6	-0.5
Y32A	R-V Farms, Ver	146.42	37	P	PKPbc	11 40 58.8	+0.2

130A	Snyder	146.43	40	P	PKPab	11 40 59.1	-0.5
Z31A	Sharp Cattle R	146.47	39	P	PKPab	11 40 59.2	-0.5
T37A	Cherryville 18	146.47	28	P	PKPbc	11 40 58.2	-0.4
SFIN	Lafayette	146.49	16	P	PKPbc	11 40 58.5	-0.1
SFIN	Lafayette	146.49	16	ePKPdf	PKPbc	11 40 58.4	-0.1
W34A	Briete Creek,	146.49	34	P	PKPbc	11 40 57.8	+0.1
S38A	Bridge Creek,	146.49	34	ePKPdf	PKPbc	11 40 58.4	-0.3
S38A	Stockton	146.51	26	P	PKPdf	11 40 57.8	+0.5
TX31	Lajitas Ar. Si	146.53	48	ePKPdf	PKPab	11 40 59.8	-0.3
TX31	Lajitas Ar. Si	146.53	48	PKPbc	PKPbc	11 40 59.9	+0.8
TXAR	Lajitas Array	146.53	48	PKPbc	PKPbc	11 40 59.8	-0.3
ALLY	Alegheny Colle	146.53	48	ePKPdf	PKPdf	11 40 57.5	+0.2
X33A	Lawton	146.59	35	P	PKPbc	11 40 58.8	-0.2
V35A	Meyer Ranch, C	146.59	32	P	PKPbc	11 40 58.9	-0.1
R40A	Madison Statio	146.65	24	P	PKPbc	11 40 58.7	-0.3
U36A	Oologah	146.66	30	P	PKPbc	11 40 59.0	-0.1
M54A	Oil Creek Stat	146.72	5	P	PKPbc	11 40 58.7	-0.5
S39A	Bolivar	146.72	26	P	PKPbc	11 40 58.6	-0.7
131A	Roby	146.75	40	P	PKPab	11 41 00.2	-0.6
T38A	Diamond	146.83	28	P	PKPbc	11 40 59.1	-0.6
Z32A	Haskell	146.88	38	P	PKPbc	11 41 00.3	+0.3
Y33A	Hilltop Ranch,	146.90	36	P	PKPbc	11 40 59.3	-0.7
X34A	Smith Ranch, M	146.93	34	P	PKPbc	11 41 00.2	+0.2
U37A	Salina	146.96	29	P	PKPbc	11 40 59.9	-0.2
TUL1	Leonard	147.01	31	P	PKPbc	11 41 00.1	-0.1
TUL1	Leonard	147.01	31	ePKPdf	PKPbc	11 40 59.9	-0.3
V36A	Jenks	147.04	31	P	PKPbc	11 41 00.2	-0.1
W35A	Tecumseh	147.04	33	P	PKPbc	11 41 00.2	-0.1
330A	Mertzon	147.06	42	P	PKPbc	11 41 00.7	+0.2
SLM	Saint Louis	147.11	21	ePKPdf	PKPbc	11 40 59.7	-0.7
SLM	Saint Louis	147.11	21	ePKP2	PKPbc	11 40 59.7	-0.7
S40A	Lebanon	147.14	25	P	PKPbc	11 40 59.9	-0.6
N54A	Moraine State	147.23	6	P	PKPbc	11 41 00.1	-0.6
ABTX	Abilene, Hawle	147.25	39	P	PKPbc	11 41 01.6	+0.6
ABTX	Abilene, Hawle	147.25	39	ePKPdf	PKPab	11 41 01.8	-1.0
T39A	Cleaver	147.25	26	P	PKPbc	11 41 00.5	-0.4
U38A	Gravette	147.28	28	P	PKPbc	11 41 00.3	-0.6
231A	Bronte	147.28	41	P	PKPbc	11 41 01.3	+0.2
ODNV	Ogdensburg	147.29	358	ePKPdf	PKPbc	11 41 00.9	+0.1
Z33A	Whitaker Ranch	147.33	37	P	PKPbc	11 41 01.6	+0.5
PAL	Palisades	147.34	357	ePKPbc	PKPbc	11 41 00.1	-0.8
PAL	Palisades	147.34	357	ePKP2	PKPbc	11 41 00.1	-0.8
V37A	Hulbert	147.36	30	P	PKPbc	11 41 00.7	-0.4
W36A	Wewaka	147.39	32	P	PKPbc	11 41 01.2	-0.1
Y34A	Reagan Ranch,	147.44	35	P	PKPbc	11 41 01.6	-0.1
N59A	Star Game Lan	147.48	360	P	PKPbc	11 41 01.3	-0.1
T40A	Mansfield	147.52	25	P	PKPbc	11 41 00.9	-0.7
ACSO	Alum Creek Sta	147.54	10	ePKPbc	PKPbc	11 41 01.0	-0.5
X35A	Drake	147.55	34	P	PKPbc	11 41 01.4	-0.3
133A	Hamilton Ranch	147.71	38	P	PKPbc	11 41 02.8	+0.6
OLIL	Olney	147.73	18	ePKPbc	PKPbc	11 41 01.8	-0.3
V38A	Ganehill	147.73	29	P	PKPbc	11 41 01.6	-0.7
232A	Coleman	147.74	40	P	PKPbc	11 41 02.6	+0.2
U39A	Green Forest	147.74	27	P	PKPbc	11 41 01.4	-0.8
X36A	Centrahoma	147.76	33	P	PKPbc	11 41 02.1	-0.2
Z34A	Collier Ranch,	147.77	36	P	PKPbc	11 41 02.4	0.0
BLO	Bloomington	147.77	16	ePKPdf	PKPdf	11 41 02.2	+0.8
BLO	Bloomington	147.77	16	ePKIKP	PKPdf	11 41 02.2	+0.8
BLO	Bloomington	147.77	16	ePKIKP	PKPdf	11 41 02.0	0.0
W37B	Quinton	147.80	31	P	PKPbc	11 41 02.2	-0.2
V39A	Marietta	147.88	34	P	PKPbc	11 41 02.2	-0.5
O56A	Blue Knob Stat	148.04	4	P	PKPbc	11 41 02.2	-0.8
U40A	Yellville	148.04	26	P	PKPbc	11 41 02.4	-0.6
V39A	Pettigrew	148.11	28	P	PKPbc	11 41 02.6	-0.7
235A	Rising Star	148.12	39	P	PKPbc	11 41 03.6	+0.2
Z35A	Perchaven, San	148.18	35	P	PKPbc	11 41 03.4	-0.1
134A	White-Moore Ra	148.24	37	P	PKPbc	11 41 04.0	+0.3
S37A	Clayton	148.26	32	P	PKPbc	11 41 03.5	-0.1
XJUC	Southern Illin	148.29	20	ePKPbc	PK		

6d 14h

Error ellipse: s-maj=11.9km s-min=9.4km az=95.0
BUJ 06 13:46:55.6, 13.28S, 166.36E, h41km, mb4.7/4.1, mB5.1/28, M5.1/14, Ms7.4/6/12

ISC 06 13:46:54.8+0.5, 13.61S+0.07, 166.55E+0.08, h39km, m143, o153/128, mb4.8/52, MS4.2/23, 6C-5D, Vanuatu Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists various stations like Honiara, Port Moresby, etc.

2011 FEB

Table with columns: PBKT, Station Name, Time, Res, ISC. Lists stations like Sadao Pong, UTHA, NANT, etc.

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Table with columns: KSH, Station Name, Time, Res, ISC. Lists stations like Kashi, ARCES, OBNS, etc.

PRU 06 13:49:42.6, 49.82N, 18.57E, h0km, Czech and Slovak Republics
Code Station Name Delta Azimuth Phase ID Time Res ISC

DJA 06 14:10:25.8+0.9, 0.9S+6.12S, h10km, M3.7/4, MLv3.7/4, Southern Malouca Sea
Code Station Name Delta Azimuth Phase ID Time Res ISC

DDA 06 14:15:07.7, 40.75N-29.13E, h18km, MD2.5
ISC 06 14:15:08.6+0.3, 40.73N+0.02, 29.14E+0.03, h7km, 3km, Error ellipse: s-maj=3.6km s-min=2.8km az=10.3

CSEM 06 14:15:08.8+0.1, 40.73N-29.15E, h8km, MD2.5, Error ellipse: s-maj=1.8km s-min=1.7km az=86.0
ISC 06 14:15:08.2, 40.74N-29.14E, h6km, MD2.6, ML2.2
ISC 06 14:15:08.7+0.8, 40.73N+0.02, 29.14E+0.02, h13km, 5km, n68, o95/98, Turkey

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists various stations like BUY, ARMT, GEMT, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KNL, KRBG, Karabiga-Canak, etc.

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

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

IDC 06 14:53:03.1+4.1, 36.139N:70.24E, h190km, 43km, mb2.9/2, mb1 3.0/7, mb1mx2.8/30, mbtmp3.0/7, Error ellipse: s-maj=1.0km az=132.0

ISCJB 06 14:53:07.0+0.7, 36.55N:070.04E, h213km, mb3.0/1, Error ellipse: s-maj=10.7km s-min=5.6km az=151.6

NMC 06 14:53:11.7+1.9, 36.94N:70.18E, h206km, 41km, mb2.1, mp3.2, Error ellipse: s-maj=52.1km s-min=15.0km az=133.0

ISC 06 14:53:07.2+0.3, 36.56N:070.09E, h213km, n25, r120/27, 7C-30, Hindu Kush region

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

LVC Limon Verde 14.34 17 ePn Pn 15 20 05.3 -2.7

CPUP Villa Florida 17.03 58 Pn Pn 15 20 39.8 -2.7

LPAZ La Paz 20.63 15 P Pn 15 21 25.8 -1.0

SIV San Ignacio 23.16 32 P Pn 15 21 50.8 +0.1

NNA Nana 24.56 352 P Pn 15 22 04.4 +0.4

PMSA Palmer Station 28.91 172 LR LR 15 33 37.5

BDFB Brasilia 30.67 54 eP P 15 22 58.6 -0.3

PTGA Pitanga 30.67 54 eP P 15 23 58.5 -0.9

SDV Santo Domingo 45.18 4 eP P 15 25 00.5 -0.6

QSPA Santa Cruz 53.78 180 eP P 15 26 06.9 +0.7

RKT Rikitea 54.23 266 eT T 16 24 29.3

CELP Centrolis 54.62 8 eP P 15 26 11.3 -1.2

VNDA Vanda 61.47 192 LR LR 15 50 00.1

TBI Tubuai 65.67 258 eT T 15 47 12.6

TIARI Tiarei 68.63 264 eT T 16 42 31.2

PPT2 Papeete2 68.79 263 eS S 15 36 49.1 -1.6

PPT1 Papeete1 68.79 263 eLR LR 15 48 37.2

GOGA Godfrey 70.14 351 eP P 15 27 56.0 -0.2

MAW Mawson 71.15 164 LR LR 15 57 20.0

TX31 Lajitas Arr. Si 71.35 332 eP P 15 28 03.5 -0.3

TXAR Lajitas Array 71.35 332 eP P 15 28 03.0 -0.7

TXAR Lajitas Array 71.35 332 eP P 15 28 03.0 -0.7

WHTX Lake Whitney 71.72 339 eP P 15 28 06.5 +0.7

SWET Sewanee 72.25 349 eP P 15 28 09.2 +0.3

CPCT Cooper Cave 72.28 351 eP P 15 28 09.9 +0.8

TKL Tuckaleechee C 72.39 351 eP P 15 28 09.9 +0.1

TUL1 Leonard 74.94 341 eP P 15 28 23.9 -0.8

LIC Lamto 76.62 72 eP P 15 28 35.8 +0.9

TIC Timoudi 76.89 72 eP P 15 28 37.4 +1.0

KIC Kosi Boka 76.93 72 eP P 15 28 37.7 +1.1

DBIC Dimbokro 77.03 72 P P 15 28 36.0 -1.2

DBIC Dimbokro 77.03 72 eP P 15 28 36.5 -0.7

ANMO Albuquerque 77.42 333 P P 15 28 39.1 0.0

ANMO Albuquerque 77.42 333 eP P 15 28 40.6 +1.6

T25A Trinidad 78.66 335 eP P 15 28 47.5 +1.5

SDCO Great Sand Dunes 79.58 335 eP P 15 28 52.7 +1.7

BOSA Boshof 79.93 318 P P 15 28 51.8 -1.4

B2SA 4UR Ranch, Cre 80.05 334 eP P 15 28 54.0 +0.3

Q24A Divide 80.56 335 eP P 15 28 56.9 +0.6

ZAAO Zalesovo Array 156.90 34 ePKP P 15 36 36.9 -1.7

ZALV Zalesovo Beam 156.90 34 PKP PKP 15 36 37.6 -0.9

ZALV Zalesovo Beam 156.90 34 PKP PKP 15 37 09.9 +1.3

MKAR Makarani 157.15 1 P PKP P 15 36 41.0 -0.7

MKAR Makarani 157.15 1 P PKP P 15 37 17.7 -1.2

SONM Songmou Array 167.73 1 PKP P 15 38 01.0 +0.7

NJ2 Nanjing 168.93 250 ePKP PKP 15 36 52.8 +1.9

CD2 Chengdu 173.99 156 PKP PKP 15 36 53.4 +0.1

HHC Hu-ho-hao-te 174.13 320 ePKP PKP 15 36 55.6 +2.3

HHC Hu-ho-hao-te 174.13 320 ePKP PKP 15 42 17.2 +0.2

HHC Hu-ho-hao-te 174.13 320 ePKP PKP 15 43 48.8 +2.9

HHC Hu-ho-hao-te 174.13 320 ePKP PKP 15 43 48.8 +2.5

HHC Hu-ho-hao-te 174.13 320 ePKP PKP 15 43 48.8 +2.5

HHC Hu-ho-hao-te 174.13 320 ePKP PKP 15 43 48.8 +2.5

HHC Hu-ho-hao-te 174.13 320 ePKP PKP 15 43 48.8 +2.5

HHC Hu-ho-hao-te 174.13 320 ePKP PKP 15 43 48.8 +2.5

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HHC Hu-ho-hao-te 174.13 320 ePKP PKP 15 43 48.8 +2.5

HHC Hu-ho-hao-te 174.13 320 ePKP PKP 15 43 48.8 +2.5

HHC Hu-ho-hao-te 174.13 320 ePKP PKP 15 43 48.8 +2.5

HHC Hu-ho-hao-te 174.13 320 ePKP PKP 15 43 48.8 +2.5

HHC Hu-ho-hao-te 174.13 320 ePKP PKP 15 43 48.8 +2.5

HHC Hu-ho-hao-te 174.13 320 ePKP PKP 15 43 48.8 +2.5

HHC Hu-ho-hao-te 174.13 320 ePKP PKP 15 43 48.8 +2.5

HHC Hu-ho-hao-te 174.13 320 ePKP PKP 15 43 48.8 +2.5

HHC Hu-ho-hao-te 174.13 320 ePKP PKP 15 43 48.8 +2.5

HHC Hu-ho-hao-te 174.13 320 ePKP PKP 15 43 48.8 +2.5

IDC 06 15:00:45.3-1.8, 37.53S:72.98W, h0km, mb3.3/1, mb1 3.6/2, mb1mx3.5/21, mbtmp3.2/2, ML3.2/1, Error ellipse: s-maj=108.3km s-min=20.5km az=61.0, Central Chile

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

IDC 06 15:16:41.5-0.8, 36.58S:73.37W, h0km, mb4.3/13, mb1 4.4/16, mb1mx4.3/35, mbtmp4.3/16, ML4.0/2, MS4.1/15, Ms1 4.1/15, ms1mx3.9/26, Error ellipse: s-maj=24.9km s-min=18.9km az=57.0

GUC 06 15:16:42.1-0.5, 36.46S:73.72W, h15km, 5km, ML4.8

ISCJB 06 15:16:44.8-0.3, 36.52S:073.32W, 0.05, h27km, mb4.6/44, MS4.0/12, Error ellipse: s-maj=7.2km s-min=4.6km az=138.6

NEIC 06 15:16:45.0-3.9, 36.43S:73.25W, h16km, 23km, mb4.7/33, ML4.8(GUC), Error ellipse: s-maj=13.7km s-min=7.3km az=68.0

NEIC Felt [V] at Chiguyante, Concepcion and Hualpen; [III] at Arauco, Constitucion, Coronel, Empedrado, Penco, San Pedro de la Paz and Talcahuano; [II] at Angol, La Laja and Talca

BUJ 06 15:16:45.0, 36.40S:73.30W, h16km, mb5.3/6, Ms5.3/3, Ms7.5/2

ISC 06 15:16:46.3-0.5, 36.46S:073.42W, 0.06, h27km, n113, r148/116, mb4.6/44, MS4.0/12, Near coast of central Chile

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

PLCA Paso Flores 3.71 150 Pn Pn 15 01 43.7 -0.4

PLCA Paso Flores 3.71 150 Pn Pn 15 01 43.7 -0.4

PLCA Paso Flores 3.71 150 Pn Pn 15 01 43.7 -0.4

TXAR Lajitas Array 74.56 332 eP P 15 12 13.7 0.0

MKAR Makanchi Array 129.53 5 PKP P 15 21 23.4 -0.3

IDC 06 15:16:45.0, 36.40S:73.30W, h16km, mb5.3/6, Ms5.3/3, Ms7.5/2

ISC 06 15:16:46.3-0.5, 36.46S:073.42W, 0.06, h27km, n113, r148/116, mb4.6/44, MS4.0/12, Near coast of central Chile

NEIC Felt [V] at Chiguyante, Concepcion and Hualpen; [III] at Arauco, Constitucion, Coronel, Empedrado, Penco, San Pedro de la Paz and Talcahuano; [II] at Angol, La Laja and Talca

BUJ 06 15:16:45.0, 36.40S:73.30W, h16km, mb5.3/6, Ms5.3/3, Ms7.5/2

ISC 06 15:16:46.3-0.5, 36.46S:073.42W, 0.06, h27km, n113, r148/116, mb4.6/44, MS4.0/12, Near coast of central Chile

NEIC Felt [V] at Chiguyante, Concepcion and Hualpen; [III] at Arauco, Constitucion, Coronel, Empedrado, Penco, San Pedro de la Paz and Talcahuano; [II] at Angol, La Laja and Talca

BUJ 06 15:16:45.0, 36.40S:73.30W, h16km, mb5.3/6, Ms5.3/3, Ms7.5/2

ISC 06 15:16:46.3-0.5, 36.46S:073.42W, 0.06, h27km, n113, r148/116, mb4.6/44, MS4.0/12, Near coast of central Chile

NEIC Felt [V] at Chiguyante, Concepcion and Hualpen; [III] at Arauco, Constitucion, Coronel, Empedrado, Penco, San Pedro de la Paz and Talcahuano; [II] at Angol, La Laja and Talca

BUJ 06 15:16:45.0, 36.40S:73.30W, h16km, mb5.3/6, Ms5.3/3, Ms7.5/2

ISC 06 15:16:46.3-0.5, 36.46S:073.42W, 0.06, h27km, n113, r148/116, mb4.6/44, MS4.0/12, Near coast of central Chile

NEIC Felt [V] at Chiguyante, Concepcion and Hualpen; [III] at Arauco, Constitucion, Coronel, Empedrado, Penco, San Pedro de la Paz and Talcahuano; [II] at Angol, La Laja and Talca

IDC 06 15:19:19.4+0.9, 35.65S:72.97W, h0km, mb4.0/7, mb1 4.2/9, mb1mx4.0/37, mbtmp4.0/9, ML4.1/2, MS4.1/2, Ms1 4.2/2, ms1mx3.4/21, Error ellipse: s-maj=37.1km s-min=22.9km az=69.0

ISCJB 06 15:19:21.1+0.7, 35.62S:072.91W, 0.1, h17km, mb4.0/7, MS4.1/1, Error ellipse: s-maj=14.8km s-min=9.3km az=63.7

ISC 06 15:19:22.3+0.9, 35.65S:071.73W, 0.01, h17km, n29, r154/122, mb4.0/7, Off coast of central Chile

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

IDC 06 15:19:22.3+0.9, 35.65S:071.73W, 0.01, h17km, n29, r154/122, mb4.0/7, Off coast of central Chile

ISCJB 06 15:19:21.1+0.7, 35.62S:072.91W, 0.1, h17km, mb4.0/7, MS4.1/1, Error ellipse: s-maj=14.8km s-min=9.3km az=63.7

ISC 06 15:19:22.3+0.9, 35.65S:071.73W, 0.01, h17km, n29, r154/122, mb4.0/7, Off coast of central Chile

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

IDC 06 15:23:41.4+0.8, 8.73S:103.65E, h0km, mb3.8/8, mb1 3.9/9, mb1mx3.7/59, mbtmp3.8/9, ML3.9/1, MS3.5/3, Ms1 3.5/3, ms1mx2.7/41, Error ellipse: s-maj=31.0km s-min=17.5km az=63.0

NEIC 06 15:23:43.1+0.6, 8.65S:103.94E, h10km, mb4.1/2, Error ellipse: s-maj=17.6km s-min=9.6km az=225.0

ISCJB 06 15:23:45.7+0.8, 8.32S:070.104, 0.0E, 0.06, h33km, mb3.9/11, MS4.1/2, Error ellipse: s-maj=11.4km s-min=6.2km az=41.5

DJA 06 15:23:50.7+0.7, 8.58S:101.4E, h53km, 34km, M4.5/12, mb4.6/3, MLV4.4/12

ISC 06 15:23:49.1+0.9, 8.20S:070.09W, 0.09, h35km, n36, r121/135, mb3.9/11, Southwest of Sumatara

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KASI Kota Agung, XMIS Christmas Isla, CNLJ Cibinong, etc.

GUC 06 15:30:46.5-0.7, 36.905:71.09W, h25km, 7km, ML4.7
IDC 06 15:30:51.8-1.0, 35.545:72.78W, h0km, mb3.9/7,
mb1.4/1.8, mb1mx3.9/27, mtrmp3.9/8, ML4.1/1, MS3.4/1,
Ms1.3/5.1, ms1mx2.9/22, Error ellipse: s-maj=40.3km
s-min=23.3km az=57.0

ISCJB 06 15:30:52.0-0.7, 35.695:0.07:73.03W, 0.09, h17km,
mb3.8/7, Error ellipse: s-maj=12.6km s-min=7.8km
az=36.2

ISC 06 15:30:54.2-0.9, 35.705:0.07:72.82W, 0.10, h17km, n31,
i109/31, mb3.9/7, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VLS Valsamata, KFL Valsamata, AMT Artemida-Makis, etc.

ISC 06 15:36:15.9-1.0, 34.89N:0.03:133.00E, 0.03, h6km, 8km,
n16, i106/22, mb3.4/5, 3C-2D, Near south coast of
western Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JHS Saijo, JHG Jouge, JIG Jouge, etc.

CSEM 06 15:49:08.0-0.4, 37.25N:19.86E, h2km, ML2.8, Error
ellipse: s-maj=9.4km s-min=4.8km az=41.0

THE 06 15:49:08.5, 37.25N:19.78E, h0km, 3km, ML3.1/1, Error
ellipse: s-maj=5.5km s-min=1.4km az=239.0

ATH 06 15:49:08.6, 37.33N:19.89E, h9km, 1km, ML2.8/6, Error
ellipse: s-maj=4.0km s-min=1.6km az=66.0, Analyst:
Agios ML Amphigaris axes expressed in micrometres All
distances are expressed in km

ISC 06 15:49:10.1-2.1, 37.28N:0.05:139.00E, 0.06, h16km, 13km,
n84, c087/101, Ionian Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VLS Valsamata, KFL Valsamata, AMT Artemida-Makis, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IGT Igoumenitsa, THAL Thaler, THAL Thaler, etc.

NEIC 06 15:53:08.9, 17.07N:95.24W, h102km, MD4.0(MEX), After
MEX

MEX 06 15:53:08.9-0.4, 17.07N:95.24W, h102km, 18km, MD4.0,
Oaxaca

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

IDC 06 16:07:52.1-7.0, 43.03N:146.86E, h0km, mb3.5/3,
mb1.3/5.5, mb1mx3.2/49, mtrmp3.4/5, ML2.5/2, Error
ellipse: s-maj=118.7km s-min=52.2km az=108.0

NIED 06 16:08:00.43, 10N:145.60E, h53km, Mw3.6 Best double
couple: M3.31000*1014 NP1=345.00000*, 849.00000*,
34.00000. NP2=231.00000*, 865.00000*, 1.034.00000*

MOS 06 16:08:02.4-0.7, 43.00N:145.55E, h40km, mb4.0/1, Error
ellipse: s-maj=35.1km s-min=17.2km az=66.3

ISCJB 06 16:08:03.7-0.7, 43.07N:0.05:145.64E, 0.05, h49km, 6km,
mb3.3/3, Error ellipse: s-maj=9.9km s-min=5.0km
az=151.5

SKHL 06 16:08:04.2-0.6, 43.08N:145.42E, h40km, 3km, mb4.9/5
IDC 06 16:08:04.6-0.1, 43.09N:145.61E, h47km, 3km, h38km

JMA Felt II, JMA
ISC 06 16:08:04.3-1.7, 43.05N:0.06:145.64E, 0.05, h38km, 1km,
n27, c095/35, mb3.4/3, 6C, Hokkaido region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NEM2 Nemuro 2, NEM2 Nemuro 2, JAK Akkeshi, etc.

Table with columns: Call, Station, Az, El, P, S, R, Az, El, P, S, R. Includes stations like Bilibino, Whiskeytown Da, Trinity Center, etc.

Table with columns: Call, Station, Az, El, P, S, R, Az, El, P, S, R. Includes stations like Sheep Range, Carlson Farm, Wild Horse Val, etc.

Table with columns: Call, Station, Az, El, P, S, R, Az, El, P, S, R. Includes stations like Kasperse Hory, Geregess Array, etc.

ISCJB 06 16:50.08.3,0.27;1N:0.2x144:7E:0.7,h10km,mb3.5/5, Error ellipse: s-maj=101.3km s-min=15.7km az=161.6

IDC 06 16:51:00.15.8,26.96N:144:31E,h0km,mb3.5/5, m1 3.6/7, mb1mx3.4/5, mbtmp3.5/7, ML3.3/2, Error ellipse: s-maj=216.9km s-min=21.1km az=73.0

ISC 06 16:51:00.82.9,27.1N:0.2x144:5E:0.6,h10km,n7, r=100.7,mb3.4/5,Bonin Islands region

ISC 06 16:53:48.9,7.2,35.86N:71.27E,h53km,36km,mb3.5/6, m1 3.5/12, mb1mx3.2/5, mbtmp3.6/12, ML3.3/6, Error ellipse: s-maj=88.0km s-min=28.3km az=162.0

ISCJB 06 16:53:54.0,0.7,36.28N:106:71.27E:0.9,h10km, n7, Error ellipse: s-maj=106.7km s-min=5.5km az=148.3

NNC 06 16:53:59.6,9.9,36.87N:70.44E,h193km,100km,mb2.6, mpv3.7, Error ellipse: s-maj=106.0km s-min=67.3km az=135.0

ISC 06 16:53:56.01.0,36.37N:108.714E:0.1,h10km,n32, r136/33,mb3.9/5,6C-3D,Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, El, P, S, R, Time, Res, ISC. Includes stations like MJAR, KSRs, SONM, WRA, ASAR, MKAR, etc.

6d 20h

GOPC	GO Pecny, Ondr	81.14 324 eP	P	19 52 31.9 +0.9
GOPC	GO Pecny, Ondr	81.14 324 eP	P	19 52 31.9 +0.9
CLL	Collim	81.14 326 i/P	P	19 52 31.3 +0.4
CLL	Collim	comp=Z,14nm,0.7s	i/P	pP
CLL	Collim	81.14 326 eP	P	19 52 30.4 -0.5
CLL	Collim	81.14 326 i/P	P	19 52 31.3 +0.4
CLL	Collim	81.14 326 i/P	P	19 52 30.8 +1.1
CLL	Collim	comp=Z,14nm,0.7s	i/P	pP
TREC	Trest	81.17 323 eP	P	19 52 32.0 +0.9
TREC	Trest	81.17 323 eP	P	19 52 32.0 +0.9
PRU	Pruhonice	81.22 324 eP	P	19 52 32.2 +0.9
PRU	Pruhonice	81.22 324 eP	P	19 52 32.2 +0.9
PKSM	Moragy	81.34 319 i/P	P	19 52 32.1 0.0
M04C	Macdoel	81.54 46 eP	P	19 52 34.9 +1.4
K05A	Summer Lake	81.59 45 eP	P	19 52 35.1 +1.4
WALA	Waterton Lakes	81.70 37 eP	P	19 52 33.9 -0.2
F10A	Beach Ranch, E	81.82 41 eP	P	19 52 36.3 +1.6
C0NA	Conrad Observa	81.82 322 i/PcP	P	19 52 36.2 +1.5
BSMT	Bassoo Peak	82.00 38 eP	P	19 52 37.3 +1.6
KARP	Karpathos	82.05 307 eP	P	19 52 36.5 +0.5
NKC	Novy Kostel	82.10 325 eP	P	19 52 36.9 +0.9
NKC	Novy Kostel	82.10 325 eP	P	19 52 36.9 +0.9
KHC	Kasperske Hory	82.25 324 eP	P	19 52 37.6 +0.8
KHC	Kasperske Hory	82.25 324 eP	P	19 52 37.6 +0.8
GERES	GERESS Array B	82.37 323 P	P	19 52 37.9 +0.3
ARSA	Arzberg	82.42 321 i/P	P	19 52 38.5 +0.7
MOD	Modoc Plateau	82.45 42 eP	P	19 52 38.4 +0.4
BMO	Blue Mountains	82.45 42 eP	P	19 52 38.2 +0.2
SWMT	Swartz Lake	82.63 38 eP	P	19 52 38.5 -0.5
MOA	Molin	82.71 322 i/PcP	P	19 52 40.6 +1.4
FNA	Florida	82.91 314 P	P	19 52 41.0 +0.6
FCC	Fort Churchill	83.01 22 eP	P	19 52 40.8 +0.4
FCC	Fort Churchill	83.01 22 eP	P	19 52 40.8 +0.4
ORV	Oroville	83.02 48 eP	P	19 52 41.3 +0.3
ORV	Oroville	83.02 48 eP	P	19 52 41.3 +0.3
SOKA	Soboth	83.04 321 i/PcP	P	19 52 41.8 +0.8
BLY	Banja Luka	83.04 319 i/P	P	19 52 40.8 -0.2
GRFO	Grafenberg	83.06 325 eP	P	19 52 39.5 -1.4
GRFO	Grafenberg	83.06 325 eP	P	19 52 39.6 -1.4
SLMT	Seeley Lake	83.06 38 eP	P	19 52 41.8 +0.6
MSO	Missoula	83.09 39 P	P	19 52 42.3 +1.0
MSO	Missoula	83.09 39 eP	P	19 52 41.8 +0.5
WVOR	Wild Horse Val	83.11 44 eP	P	19 52 42.8 +1.3
WVOR	Wild Horse Val	83.11 44 eP	P	19 52 42.8 +1.3
PDG	Podgorica	83.23 316 i/P	P	19 52 42.6 +0.6
FFC	Flin Flin	83.29 28 eP	P	19 52 42.3 +0.3
FFC	Flin Flin	83.29 28 eP	P	19 52 42.3 +0.3
AGG	Agios Georgios	83.32 312 eP	P	19 52 41.3 -1.2
AGG	Agios Georgios	83.32 312 eP	P	19 52 41.3 -1.2
OBKA	Obir	83.40 321 i/PcP	P	19 52 43.5 +0.6
LAST	Lasithi	83.41 307 i/P	P	19 52 43.9 +0.8
LAST	Lasithi	83.41 307 eP	P	19 52 43.4 +0.3
KBA	Koelnbreinsper	83.68 322 i/PcP	P	19 52 44.9 +0.4
KBA	Koelnbreinsper	83.68 322 P	P	19 52 44.8 +0.4
VISS	Visnje	83.69 321 i/P	P	19 52 44.4 +0.2
AFDM	Forest Hills D	83.70 48 eP	P	19 52 45.5 +1.0
IDI	Anoyia	83.74 308 i/P	P	19 52 44.3 -0.5
IDI	Anoyia	83.74 308 eP	P	19 52 44.0 -0.8
MYKA	Terra Mystica	83.81 322 i/PcP	P	19 52 45.2 +0.2
SIVA	Sivas	83.94 307 i/P	P	19 52 45.9 +0.2
MFID	Camas Ranch	84.16 42 eP	P	19 52 48.1 +1.2
MFID	Abfaltersbach	84.33 322 i/P	P	19 52 25.7 +1.7
ABTA	Abfaltersbach	84.33 322 eP	P	19 52 27.3 -0.3
TRI	Trieste	84.33 321 eP	P	19 52 47.3 -0.2
TRI	Trieste	84.33 321 eP	P	19 52 47.3 -0.2
EGMT	Eagleton	84.48 36 P	P	19 52 49.2 +0.8
EGMT	Eagleton	84.48 36 eP	P	19 52 49.4 +1.0
LRM	Limekiln Ridge	84.52 39 eP	P	19 52 50.1 +1.3
MOTA	Moosalm	84.67 323 i/PcP	P	19 52 49.4 0.0
DLMT	Dillon	84.74 39 eP	P	19 52 51.2 +1.4
HLID	Hailey	84.88 41 P	P	19 52 51.7 +1.2
HLID	Hailey	84.88 41 eP	P	19 52 52.1 +1.5
WAKR	Walker	84.94 48 eP	P	19 52 52.2 +1.2
BOZ	Bozeman (W)	85.08 38 eP	P	19 52 51.8 +0.4
BOZ	Bozeman (W)	85.08 38 eP	P	19 52 52.3 +0.9
BOZ	Bozeman (W)	85.08 38 eP	P	19 52 52.3 +0.9
BMN	Battle Mountain	85.16 45 eP	P	19 52 53.8 +1.8
BMN	Battle Mountain	85.16 45 eP	P	19 52 53.8 +1.8
BFNO	Black Forest	85.38 325 i/P	P	19 52 53.3 +0.6
FUOR	Offenpass-Fuorn	85.58 323 eP	P	19 52 54.5 +0.5
NV01	Mina Array Sit	85.70 47 eP	P	19 52 55.8 +1.0
NVAR	Mina Array Sit	85.70 47 eP	P	19 52 56.0 +1.3
NV11	Mina Array Sit	85.79 47 eP	P	19 52 56.6 +1.5
YMR	Madison River	86.07 39 eP	P	19 52 58.5 +2.1
YFT	Old Faithful	86.28 39 eP	P	19 53 01.3 +3.8
LKWY	Lake	86.44 39 eP	P	19 53 01.5 +3.2
LKWY	Lake	86.44 39 eP	P	19 53 01.5 +3.2
H17A	Grant Village	86.46 39 P	P	19 53 00.5 +2.0
H17A	Grant Village	86.46 39 eP	P	19 53 01.4 +3.0
IMW	Indian Meadow	86.59 39 eP	P	19 53 01.2 +2.1
FLWY	Flag Ranch	86.60 39 eP	P	19 53 01.5 +2.4
RLMT	Red Lodge	86.67 38 eP	P	19 52 59.7 +0.3
RLMT	Red Lodge	86.67 38 eP	P	19 53 00.7 +1.3

2011 FEB

TIP	Timpagegrande	86.71 315 i/P	P	19 53 00.0 +0.5
FXWY	Fox Creek	86.72 40 eP	P	19 53 00.7 +1.0
VES	Vestal, Richgr	86.74 50 P	P	19 52 59.9 +0.3
MOOV	Moose Ponds	86.80 39 eP	P	19 52 59.4 -0.6
DGMT	Dagmar	86.86 33 eP	P	19 53 00.3 +0.3
LOHW	Long Hollow	86.96 40 eP	P	19 53 01.2 +0.4
REDW	Red Top Meadow	86.99 40 eP	P	19 53 02.5 +1.5
A25A	Troy Canyon, C	87.02 32 P	P	19 53 00.7 -0.1
SBC	Svavangtu Ranch	87.15 51 P	P	19 53 01.2 -0.4
ISA	Santa Barbara	87.25 50 P	P	19 53 01.7 -0.4
R11A	Isabella, Lake	87.25 50 P	P	19 53 03.1 -0.1
R11A	Troy Canyon, C	87.44 46 eP	P	19 53 04.6 +1.4
A26A	Wade Farm, Ken	87.54 32 P	P	19 53 03.2 0.0
MPMC	Manual Prospec	87.65 49 P	P	19 53 04.2 0.0
OSI	Osito Audit: C	87.71 50 P	P	19 53 04.7 +0.4
HWUT	Hardware Ranch	87.75 41 eP	P	19 53 06.3 +1.8
FURC	Furnace Creek,	87.80 48 eP	P	19 53 05.5 +0.9
C25A	Freud Ranch, W	87.84 33 P	P	19 53 05.5 +0.8
A27A	Lecloux Ranch,	87.85 31 P	P	19 53 04.8 +0.1
LRMC	Laurel Mtn Rad	87.87 49 eP	P	19 53 05.7 +0.5
DUG	Dugway, Toeles	87.94 43 eP	P	19 53 07.0 +1.5
DUG	Dugway, Toeles	87.94 43 eP	P	19 53 07.0 +1.5
EDW2	Edwards Air Fo	88.03 50 P	P	19 53 06.2 +0.3
BW06	Boulder Array	88.10 40 P	P	19 53 05.9 -0.3
BW06	Boulder Array	88.10 40 eP	P	19 53 06.2 -0.1
PD31	Pinedale Array	88.10 40 eP	P	19 53 07.1 +0.8
PDAR	Pinedale Array	88.10 40 eP	P	19 53 06.8 +0.5
PDAR	Pinedale Array	comp=Z,2.7nm,0.7s,baz=354,slow=0.6,SNR=34	P	19 53 07.3 -1.0
D25A	Fairfield	88.22 33 P	P	19 53 07.1 +0.5
C26A	Wagner Farm, P	88.30 32 P	P	19 53 06.9 0.0
A28A	Rude Farm, Bot	88.31 31 P	P	19 53 07.2 +0.3
NLU	North Lily Min	88.53 43 eP	P	19 53 07.3 -1.0
FMP	Fort Macarthur	88.53 51 P	P	19 53 09.8 +1.6
GSC	Goldstone, Bar	88.55 49 P	P	19 53 09.1 +0.8
GSC	Goldstone, Bar	88.55 49 eP	P	19 53 10.0 +1.7
GSC	Goldstone, Bar	88.55 49 eP	P	19 53 10.0 +1.7
B28A	Dugan Ranch, T	88.62 31 P	P	19 53 08.6 +0.3
BFSC	Mount Baldy Ra	88.64 50 P	P	19 53 08.0 -0.8
CIS	Catalina Islan	88.64 51 P	P	19 53 08.8 0.0
C27A	Saylor Ranch,	88.65 32 P	P	19 53 08.8 +0.3
E25A	Miller Ranch,	88.65 34 P	P	19 53 09.2 +0.6
D26A	Manning	88.72 33 P	P	19 53 08.8 -0.1
SCI2	San Clemente I	88.80 52 P	P	19 53 10.6 +1.1
TUQ	Turquoise Moun	89.03 48 P	P	19 53 10.0 -0.7
B29A	Wagenman Farm,	89.05 31 P	P	19 53 11.5 +1.2
ULM	Lac du Bonnet	89.12 28 eP	P	19 53 10.9 +0.3
ULM	Lac du Bonnet	comp=Z,1.1nm,0.8s,baz=335,slow=6.4,SNR=18	P	19 53 47.9 -0.2
ULM	Lac du Bonnet	89.12 28 eP	P	19 53 10.3 -0.3
ULM	Lac du Bonnet	89.12 28 eP	P	19 53 47.9 -0.2
E26A	Carlson Angus	89.12 33 P	P	19 53 09.9 -0.9
A30A	Hoffart Farm,	89.14 30 P	P	19 53 09.6 -1.1
HEC	Hector,Ludlow	89.14 49 P	P	19 53 11.4 +0.3
F26A	Lodgepole	89.47 34 P	P	19 53 12.8 +0.3
B30A	Myrvik Farm, E	89.50 30 P	P	19 53 12.0 -0.5
E27A	Carson	89.57 33 P	P	19 53 12.8 0.0
G25A	Newell	89.59 35 P	P	19 53 10.1 -2.9
GMRC	Granite Mounta	89.61 49 P	P	19 53 13.2 -0.2
P17A	Butcher Ranch,	89.62 43 eP	P	19 53 14.3 +0.9
Q16A	Castle Valley	89.73 43 eP	P	19 53 15.5 +1.1
P18A	Preston Univer	89.80 42 eP	P	19 53 15.6 +1.2
109C	Camp Elliot, M	89.82 51 P	P	19 53 15.1 +0.9
A32A	Rocking H Ranc	89.91 29 P	P	19 53 13.9 -0.5
H25A	Fruitdale	89.91 35 P	P	19 53 13.9 -0.6
G26A	Maurine	89.91 34 P	P	19 53 15.3 +0.8
SRU	San Rafael Swe	89.99 43 eP	P	19 53 15.9 +0.8
SRU	San Rafael Swe	89.99 43 eP	P	19 53 15.9 +0.8
C30A	Mose, Pekin	90.01 31 P	P	19 53 14.3 -0.6
RSSD	Black Hills	90.05 36 P	P	19 53 15.5 +0.1
RSSD	Black Hills	90.05 36 eP	P	19 53 16.3 +0.9
RSSD	Black Hills	90.05 36 eP	P	19 53 16.3 +0.9
RSSD	Black Hills	comp=Z,9.0nm,1.0s	P	19 53 16.3 +0.9
G27A	Dupree	90.17 34 P	P	19 53 15.7 0.0
C31A	Landman Farms,	90.26 30 P	P	19 53 16.1 +0.1
MONP	Monument Peak	90.27 51 P	P	19 53 16.3 -0.4
I25A	Rochford	90.28 36 P	P	19 53 16.7 +0.3
B32A	Ashes, Strandq	90.30 29 P	P	19 53 15.9 -0.3
E29A	Napoleon	90.35 32 P	P	19 53 14.9 -1.6
O20A	White River Ci	90.60 41 P	P	19 53 17.7 -0.3
SWSC	Sam W. Stewart	90.65 50 P	P	19 53 19.4 +1.4
U15A	Not Rilm	90.68 46 eP	P	19 53 20.5 +1.9
E30A	Jud	90.73 32 P	P	19 53 19.3 +1.1
PDMC	Parker Dam,Lak	90.88 48 P	P	19 53 19.8 +0.7
I27A	Quinn	91.08 35 P	P	19 53 21.4 +1.5
J26A	Sides Ranch, S	91.12 36 P	P	19 53 22.0 +1.8

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C33A	Trail	91.12 29 P	P	19 53 21.1 +1.1
H28A	Mission Ridge	91.13 34 P	P	19 53 21.5 +1.4
PHWY	Pine Hill	91.32 39 eP	P	19 53 22.8 +1.3
N23A	Red Feather La	91.34 39 P	P	19 53 23.1 +1.5
N23A	Red Feather La	91.34 39 eP	P	19 53 22.8 +1.3
B35A	Bob, Littlefor	91.47 28 P	P	19 53 22.6 +1.0
PV05	Par			

CSEM 06:20:41:45.6:0.5,37:86N-36:54E,h5km,MD2.6, Error ellipse: s-maj=11.2km s-min=8.3km az=111.0

ISCJB 06:20:41:47.3:0.6,37:70N:0:03:36:59E:0:04,h2km,6km, Error ellipse: s-maj=5.2km s-min=4.7km az=138.1

DDA 06:20:41:47.4,37:70N:36:60E,h7km,MD2.7

ISC 06:20:41:47.0:1.2,37:70N:0:04:36:61E:0:04,h8km,10km, n13, r050/26, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AYKD, HCB, Kozan, SarD1z-Kayseri, Adana, Kuzuini, etc.

MOS 06:20:44:48.5:2.4,49:45N-156:90E,h41km,mb4.4/1, Error ellipse: s-maj=95.5km s-min=10.6km az=80.2

KRSC 06:20:44:48.6:1.7,49:45N-156:90E,h40km,24km,ML4.2, Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SKR, PAU, RUS, APC, etc.

KRSC 06:20:52:28.3:2.0,58:55N-157:35E,h40km,15km,ML3.7, Kamchatka Peninsula

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

MEX 06:20:57:13.7:0.6,16:23N-97:12W,h50km,60km,MD3.9, Oaxaca

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

ISCJB 06:21:02:00.1:1.1,26:7N:0:2:144:1E:0:1,h10km,mb3.6/5, Error ellipse: s-maj=22.0km s-min=3.0km az=13.0

ISC 06:21:02:00.6:1.2,26:63N-143:98E,h0km,mb3.6/5, mb1 3.8/6, mb1mx3.5/42, mbtmp3.6/6, ML3.3/1, Error ellipse: s-maj=30.8km s-min=22.2km az=32.0

ISC 06:21:02:02.2:1.1,26:7N:0:2:143:99E:0:1,h10km,n7, r056/8,mb3.6/5, Bonin Islands region

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

ISCJB 06:21:02:00.1:1.1,26:7N:0:2:144:1E:0:1,h10km,mb3.6/5, Error ellipse: s-maj=22.0km s-min=3.0km az=13.0

ISC 06:21:02:00.6:1.2,26:63N-143:98E,h0km,mb3.6/5, mb1 3.8/6, mb1mx3.5/42, mbtmp3.6/6, ML3.3/1, Error ellipse: s-maj=30.8km s-min=22.2km az=32.0

ISC 06:21:02:02.2:1.1,26:7N:0:2:143:99E:0:1,h10km,n7, r056/8,mb3.6/5, Bonin Islands region

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

TAP 06:21:06:24.1,24:21N-121:77E,h15km,ML2.8,C

JMA 06:21:06:38.6,24:20N-121:78E,h12km,1km,ML3.3

ISC 06:21:06:26.5:1.1,24:26N:0:02:121:59E:0:02,h3km,10km, n36, r158/49, Taiwan

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

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

IDC 06:21:07:20.0:1.2,24:15N-121:79E,h0km,mb3.7/6, mb1 3.7/7, mb1mx3.4/55, mbtmp3.7/7, ML2.9/1, Error ellipse: s-maj=38.0km s-min=23.0km az=54.0

TAP 06:21:07:23.8,24:21N-121:77E,h19km,ML3.9,B

ISCJB 06:21:07:24.5:0.3,24:20N:0:02:121:82E:0:02,h16km,4km, mb3.6/6, Error ellipse: s-maj=3.3km s-min=2.1km az=136.8

JMA 06:21:07:24.2:0.1,24:20N-121:77E,h13km,2km,ML3.3

NIED 06:21:08:00,24:20N-121:80E,h17km,Mw3.9, Best double couple: Mo7.220000,1014 NPI:196.00000, -0.270000, -1.90.00000, NP2:16.00000, -0.63.00000, -1.90.00000

ISC 06:21:07:23.8:0.9,24:20N:0:02:121:79E:0:02,h17km,6km, n72, r090/108,mb3.6/6, ID, Taiwan

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NSTT, NWF, TAP1, etc.

BJI 06:21:08:47.2,24:24N-121:73E,h10km,mb3.8/5,ML3.8/3

JMA 06:21:08:48.9:0.1,24:16N-121:77E,h17km,2km,ML3.8

ISCJB 06:21:08:49.9:0.3,24:20N:0:02:121:84E:0:02,h18km,3km, mb3.6/12,MS2.9/4, Error ellipse: s-maj=3.1km s-min=2.0km az=140.1

TAP 06:21:08:49.5,24:21N-121:77E,h17km,ML4.1,B

IDC 06:21:08:52.6:3.3,24:22N-121:86E,h5km,32km,mb3.5/11, mb1 3.6/12, mb1mx3.5/60, mbtmp3.8/12,ML3.5/1,MS3.0/3, Ms1 3.1/3,ms1mx2.7/38, Error ellipse: s-maj=19.1km s-min=17.3km az=48.0

ISC 06:21:08:49.2:0.8,24:21N:0:02:121:80E:0:02,h18km,2km, n88, r086/132,mb3.7/12,10C-2D, Taiwan

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like JHHU, BS04, JOD2, etc.

PGC 06:21:49.33:1.4, 50.47N, 130.17W, h10km, ML3.2/20, Mw3.8/20, 196km west of Pt. Hardy, Bc Vancouver Island, Canada Region, Vancouver Island region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like HOLB, PHC, MAYB, etc.

TIF 06:21:55:49.7, 41.56N, 42.44E, h13km, 1km
ISK 06:21:55:50.2, 41.64N, 42.47E, h5km, MD3.2, ML3.1
DDA 06:21:55:50.2, 41.54N, 42.46E, h10km, Mo3.2
CSEM 06:21:55:51.6, 41.51N, 42.48E, h2km, MD3.2, Error ellipse: s-maj=5.1km s-min=3.0km az=142.0

NSSP 06:21:55:53.8, 41.48N, 42.47E, h10km, ML2.8
MOS 06:21:55:53.3, 1.9, 41.51N, 42.60E, h12km, mb4.0/1, Error ellipse: s-maj=12.1km s-min=5.3km az=68.5

ISC 06:21:55:51.0, 1.1, 41.52N, 0.02, 42.49E, 0.02, h1km, gkm, n87, c0.86/132, 5C-2D, Turkey-Georgia-Armenia border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ARTV, DBOC, AKH, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like NEY, DUS, SEAG, etc.

ISCJB 06:22:01:10.8, 1.3, 12.1N, 0.2, 92.2E, 0.2, h26km, mb3.5/6, Error ellipse: s-maj=27.1km s-min=20.4km az=38.7

ISC 06:22:01:20.9, 9.4, 12.45N, 92.52E, h85km, 77km, mb3.3/6, mb1.3, 4.7, mb1mx3.1/46, mbtmp3.6/7, ML3.9/1, Error ellipse: s-maj=80.2km s-min=20.4km az=55.0

ISC 06:22:01:13.0, 1.3, 12.22N, 0.2, 92.1E, 0.2, h26km, n7, c1.932/8, mb3.4/6, Andaman Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ARU, BLY, KURK, etc.

ISCJB 06:22:02:25.1, 1.1, 20.05S, 66.77E, h0km, mb4.0/8, mb1.4, 1/8, mb1mx3.8/39, mbtmp4.0/8, M3.5/6, M1.3 6/6, Error ellipse: s-maj=22.6km az=75.0, Mauritius-Reunion region

ISC 06:22:02:25.1, 1.1, 20.05S, 66.77E, h0km, mb4.0/8, mb1.4, 1/8, mb1mx3.8/39, mbtmp4.0/8, M3.5/6, M1.3 6/6, Error ellipse: s-maj=22.6km az=75.0, Mauritius-Reunion region

ISC 06:22:02:25.1, 1.1, 20.05S, 66.77E, h0km, mb4.0/8, mb1.4, 1/8, mb1mx3.8/39, mbtmp4.0/8, M3.5/6, M1.3 6/6, Error ellipse: s-maj=22.6km az=75.0, Mauritius-Reunion region

ISC 06:22:02:25.1, 1.1, 20.05S, 66.77E, h0km, mb4.0/8, mb1.4, 1/8, mb1mx3.8/39, mbtmp4.0/8, M3.5/6, M1.3 6/6, Error ellipse: s-maj=22.6km az=75.0, Mauritius-Reunion region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CMAR, MKAR, SONM, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CMAR, ASAR, ASAR, etc.

IDC 06:22:19:11.6, 5.0, 14.62S, 167.38E, h124km, 47km, mb3.9/10, mb1.4, 1/11, mb1mx3.8/43, mbtmp4.3/11, Error ellipse: s-maj=37.9km s-min=23.1km az=159.0

ISCJB 06:22:19:12.7, 0.6, 14.76S, 0.06, 167.4E:0.1, h150km, mb4.3/17, Error ellipse: s-maj=14.8km s-min=8.3km az=7.3

NEIC 06:22:19:12.6, 1.9, 14.70S, 167.52E, h140km, 9km, mb4.5/11, Error ellipse: s-maj=26.5km s-min=15.0km az=132.0

ISC 06:22:19:13.5, 0.9, 14.73S, 0.09, 167.5E, 0.2, h150km, n34, c1.949/31, mb4.4/14, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like DZM, EIDS, CTA, etc.

ATH 06:22:33:32.8, 39.00N, 26.03E, h24km, 1km, ML1.8/3, Error ellipse: s-maj=2.6km s-min=1.2km az=72.0, Analyst: Agalos M. Amplitudes are expressed in micrometers All distances are expressed in km

CSEM 06:22:33:33.7, 0.2, 38.98N, 25.95E, h8km, MD2.9, Error ellipse: s-maj=5.2km s-min=3.3km az=77.0

ISCJB 06:22:33:33.6, 0.6, 39.00N, 0.02, 25.97E:0.05, h5km, 4km, Error ellipse: s-maj=6.1km s-min=3.0km az=168.9

THE 06:22:33:33.7, 38.99N, 25.98E, h4km, 2km, ML1.9/4, Error ellipse: s-maj=2.8km s-min=0.6km az=83.0

DDA 06:22:33:33.9, 39.03N, 25.98E, h7km, MD2.6

ISK 06:22:33:34.8, 39.07N, 26.02E, h6km, MD2.6

ISC 06:22:33:33.6, 0.8, 38.99N, 0.02, 25.97E:0.03, h14km, 6km, n39, c0.846/68, Aegean Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SIGR, SIGR, SIGR, etc.

6d 23h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like URLA Izmir, BOZC Bozcaada, ZEM Zmir, etc.

TAP 06 22:35:50.2, 24°21'N, 121°76E, h14km, ML2.9, C
JMA 06 22:35:51.2, 0.1, 24°16'N, 121°52E, h10km, 2km, M3.0
ISCJB 06 22:35:55.2, 0.5, 24°18'N, 0°02'121.84E, 0.02, h2km, 4km,
Error ellipse: s-maj=3.6km s-min=2.8km az=153.7

ISC 06 22:35:53.0, 0.8, 24°24'N, 0°02'121.75E, 0.02, h10km, 6km,
n66, e19170, 4C, Taiwan

Main table of station data for the 6d 23h period, listing station names, coordinates, and seismic parameters.

2011 FEB

Table of seismic events for February 2011, including station codes, station names, azimuths, phase IDs, times, and residuals.

IDC 06 22:44:24.8, 15.0, 26°42'N, 143°56E, h0km, mb3.5/3,
mb1 3.7/3, mb1mx3.3/25, mbtmp3.5/3, Error ellipse:
s-maj=565.3km s-min=31.6km az=72.0, Bonin Islands
region

Table of station data for the Bonin Islands region, listing station names and coordinates.

ISCJB 06 22:45:50.4, 0.6, 10°85'N, 0°07'62.33W, 0.03, h92km, 7km,
Error ellipse: s-maj=12.1km s-min=4.9km az=165.0

FUNV 06 22:45:52.1, 10.1, 26°26'N, 170°26W, h70km, MW3.0
TRN 06 22:45:53.0, 10.95N, 62°21'W, h85km, MD3.6

ISC 06 22:45:50.2, 1.4, 10°83'N, 0°06'62.31W, 0.04, h97km, 9km,
n17, e143/27, 3C-1D, Near coast of Venezuela

Table of station data for the Venezuela region, listing station names and coordinates.

IDC 06 23:08:06.9, 399.0, 31°86'N, 132°02E, h0km, Error ellipse:
s-maj=188.7km s-min=126.7km az=77.0, Southeast of
Shikoku

Table of station data for the Southeast of Shikoku region, listing station names and coordinates.

IDC 06 23:18:11.3, 2.5, 6°05'S, 130°51E, h92km, 27km, mb3.7/1,
mb1 3.7/6, mb1mx3.3/40, mbtmp4.0/6, MS2.9/2, Ms1 2.9/2,
ms1mx2.5/39, Error ellipse: s-maj=40.5km
s-min=21.5km az=85.0, Banda Sea

Table of station data for the Banda Sea region, listing station names and coordinates.

ISK 06 23:22:24.4, 39°56'N, 32°82E, h5km, MD3.1
CSEM 06 23:22:25.0, 0.3, 39°55'N, 32°82E, h2km, MD2.7, Error
ellipse: s-maj=9.6km s-min=5.2km az=179.0
DDA 06 23:22:27.1, 39°65'N, 32°93E, h2km, MD2.7

ISC 06 23:22:26.5, 1.0, 39°53'N, 0°04'32.85E, 0.02, h8km, 9km,
n20, e087/31, Turkey

Table of station data for the Turkey region, listing station names and coordinates.

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Table of station data for the Northwestern Balkan Peninsula region, listing station names and coordinates.

CSEM 06 23:50:28.3, 46°02'N, 14°29E, h0km, ML0.1
LJU 06 23:50:28.3, 46°02'N, 14°29E, h7km, ML0.0, 2D,

Table of station data for the Northwestern Balkan Peninsula region, listing station names and coordinates.

ISCJB 06 23:50:53.0, 0.9, 37°63'N, 0°03'20.28E, 0.05, h2km, 6km,
Error ellipse: s-maj=6.7km s-min=4.9km az=138.3

CSEM 06 23:50:54.9, 0.3, 37°63'N, 20°34E, h2km, ML3.2, Error
ellipse: s-maj=5.9km s-min=3.6km az=46.0

ATH 06 23:50:55.3, 37°64'N, 20°42E, h18km, 1km, ML3.2/5, Error
ellipse: s-maj=2.9km s-min=1.1km az=60.0, Analyst:
A. Plessa ML Amplitudes are expressed in micrometres All
distances are expressed in km

THE 06 23:50:56.0, 37°63'N, 20°41E, h0km, 2km, ML3.4/3, Error
ellipse: s-maj=3.0km s-min=1.1km az=240.0

ISC 06 23:50:54.7, 1.5, 37°60'N, 0°03'20.38E, 0.04, h2km, 10km,
n128, e080/152, Ionian Sea

Main table of station data for the Ionian Sea region, listing station names and coordinates.

Table with columns: UDBI, Udbina, 4.90 322 ePn, Pn, 01 26 24.7 -0.1, etc.

MAN 07 01:32:25.708N:125.92E, h55km, mb4.7, ML3.6, MS3.6, 2C-1D, Mindanao

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

ISC/JB 07 01:40:33.6:0.5, 6.84N:073.06W:0.04, h15km, 5km, Error ellipse: s-maj=8.0km s-min=3.7km az=36.1

FUNV 07 01:40:35.6, 6.84N: 73.03W, h166km, MW3.1, RSMC 07 01:40:36.5, 6.830N: 73.13W, h140km, 6km, ML3.0

ISC 07 01:40:33.5:1.6, 6.84N:073.07W:0.05, h160km, 6km, n28, r1507/45, 3C, Northern Colombia

Main table for the first section, listing station names like BARC, GIRC, RUSC, etc.

ISC 07 01:49:52.2:7.6, 6.99S:131.17E, h502km, 104km, mb2.8/2, mb1 2.8/4, mb1mx2.6/20, mbtmp3/7.4, Error ellipse: s-maj=87.2km s-min=42.3km az=58.0, Tanimbar Islands region

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

ATH 07 01:59:43.7, 35.50N:28.13E, h8km, 5km, ML2.3/2, Error ellipse: s-maj=5.8km s-min=1.4km az=343.0, Analyst: A. Plescia ML Amplitudes are expressed in micrometres All distances are expressed in km

CSEM 07 01:59:46.9:0.3, 35.64N:27.92E, h2km, ML2.4, Error ellipse: s-maj=7.9km s-min=3.9km az=151.0

ISK 07 01:59:46.8, 35.48N:27.81E, h30km, MD3.1

THE 07 01:59:47.5, 35.73N:27.96E, h0km, 1km, ML2.4/4, Error ellipse: s-maj=1.6km s-min=0.9km az=143.0

DDA 07 01:59:50.6, 35.83N:27.99E, h10km, Mdz.9

ISC 07 01:59:46.7:1.3, 35.67N:27.94E:0.03, h1km, 10km, n53, r123/78, Dodecanese Islands

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

Table with columns: YER, Yerkesik, 1.49 11 ePn, Pg, 02 00 15.2 -0.1, etc.

ZKR 124um, 0.7s

ZKR 132um, 0.6s

ZKR Zakros

ZKR Zakros

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Table with columns: JYNG, Yonagunijimaku, 1.08 75 eS, Sg, 02 12 2.8 +1.7, etc.

IDC 07 02:14:02.3:6.5, 3.30N:124.91E, h201km, 67km, mb3.2/7, mb1 3.4/7, mb1mx3.2/44, mbtmp3/7.7, MS2.3/1, Ms1 2.3/1, ms1mx2.1/25, Error ellipse: s-maj=41.1km s-min=15.9km az=78.0, Celebes Sea

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

IDC 07 02:34:2.7:9, 19.70S:178.52W, h495km, 94km, mb2.9/5, mb1 3.2/5, mb1mx3.0/29, mbtmp3/7.5, Error ellipse: s-maj=170.9km s-min=30.0km az=156.0, Fiji Islands region

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

JMA 07 02:21:18.7:0.4, 43.92N:143.67E, h193km, 4km, M2.0, Hokkaido region

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

NSCC 07 02:38:23.9:1.5, 31.00N:47.61E, h10km, 158km, ML3.8

IDC 07 02:38:27.0:3.1, 31.32N:47.60E, h0km, mb4. 1/28, mb1 4.2/35, mb1mx4.1/66, mbtmp4.1/35, ML3.6/6, MS3.5/21, Ms1 3.5/21, ms1mx3.5/33, Error ellipse: s-maj=19.4km s-min=11.5km az=7.0

CSEM 07 02:38:27.0:2.3, 31.18N:47.53E, h10km, mb4.2/12, Error ellipse: s-maj=6.0km s-min=3.7km az=3.0

BUI 07 02:38:27.2, 31.25N:47.53E, h23km, mb4.1/5

THR 07 02:38:27.1:0.4, 31.08N:47.57E, h18km, 5km, ML4.2

NEIC 07 02:38:27.4, 31.07N:47.56E, h23km, mb3.8/6, ML4.2(THR), MN4.3(TEH), After THR

ISC/JB 07 02:38:27.0:3.1, 31.14N:0.03:47.54E:0.03, h33km, mb4.1/48, MS3.5/16, Error ellipse: s-maj=4.7km s-min=3.1km az=1.2

TEH 07 02:38:29.1, 31.20N:47.55E, h6km, ML4.4

MOS 07 02:38:29.3, 1.1, 31.43N:47.65E, h25km, mb4.2/15, Error ellipse: s-maj=9.4km s-min=5.2km az=107.1

ISC 07 02:38:30.8:0.4, 31.21N:0.05:47.49E:0.04, h35km, n255, r137/255, mb4.2/47, MS3.5/17, 55C-29D, Iran-Iraq border region

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

2011 FEB

Table with columns: 7d 5h, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TURNU Turunc, SHUT Suhut-Afyon, YER Yerkesik, BOLV Bolvadin, KULA Kula-Manisa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, MKAR Makanchi Array, etc.

Table with columns: JOW, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JOW Kungigami, JOW Koroerabujima, JOW Koroerabujima, etc.

7d 5h, mb3.1/5, mb1 3.2/5, mb1mx2.7/44, mbt4p0/5, Error ellipse: s-maj=125.6km s-min=41.6km az=51.0, Celebes Sea

Code Station Name Az Az' Phase ID Time Res. JOW 124nm, 0.3s, baz=121, slow=19, SNR=19

Code Station Name Az Az' Phase ID Time Res. JOW 124nm, 0.3s, baz=121, slow=19, SNR=19

Table with columns: Station, Name, Frequency, Power, and other technical details. Includes stations like La Fuente, Serv Nac Est T, COLS, BOQUERON, etc.

Table with columns: Station, Name, Frequency, Power, and other technical details. Includes stations like Divot King Ran, Phantom Ranch, Faith Ranch, etc.

Table with columns: Station, Name, Frequency, Power, and other technical details. Includes stations like Abilene, Hawle, Whitaker Ranch, X36A, etc.

HDI1	Hopedale	32.52 351	eP	P	05 52 55.6	-0.3
P38A	Dawn	32.52 344	P	P	05 52 55.6	-0.4
Q35A	Mercer Eighty,	32.56 341	P	P	05 52 55.8	-0.5
U29A	Oasis Ranch, S	32.58 332	P	P	05 52 56.5	-0.1
O40A	La Belle	32.59 347	P	P	05 52 56.5	-0.1
S32A	Newby Ranch, P	32.60 336	P	P	05 52 56.2	-0.6
P37A	Lathrop	32.71 343	P	P	05 52 57.3	-0.4
T30A	Plains	32.73 333	P	P	05 52 57.7	-0.2
R33A	Olander Ranch,	32.75 338	P	P	05 52 57.6	-0.6
S31A	Mullinville	32.76 335	P	P	05 52 57.6	-0.6
O39A	Kirkville	32.87 346	P	P	05 52 58.7	-0.4
Q34A	Chapman	32.92 339	P	P	05 52 59.4	-0.2
N59A	State Game Lan	32.96 10	P	P	05 52 59.6	-0.2
KSU1	Kansas State U	32.97 340	P	P	05 52 59.7	-0.3
KSU1	Kansas State U	32.97 340	eP	P	05 52 59.4	-0.6
O38A	Galt	32.97 345	P	P	05 52 59.8	-0.1
P36A	Good Intent, A	32.99 342	P	P	05 52 59.5	-0.6
M54A	Oil Creek Stat	33.06 4	P	P	05 53 00.8	0.0
R32A	Long Quarter,	33.13 337	P	P	05 53 01.5	+0.1
P35A	Duane Minner,	33.16 341	P	P	05 53 02.0	+0.3
T29A	Hugoton	33.16 332	P	P	05 53 02.2	+0.5
S30A	Montezuma	33.19 334	P	P	05 53 02.0	0.0
O37A	Wolven Farm, M	33.19 344	P	P	05 53 01.6	-0.3
Q33A	Connelly Farm,	33.30 338	P	P	05 53 02.6	-0.0
121A	Cookes Peak, D	33.34 320	P	P	05 53 04.0	+0.5
121A	Cookes Peak, D	33.34 320	eP	P	05 53 06.3	+2.8
R31A	Burdett	33.34 336	P	P	05 53 03.6	+0.3
O36A	Bolckow	33.39 343	P	P	05 53 03.2	-0.4
P34A	Walnut Farm, R	33.44 340	P	P	05 53 03.7	-0.4
N39A	Derby Farms, D	33.45 347	P	P	05 53 03.9	-0.3
S29A	Ulysses	33.46 333	P	P	05 53 03.5	-0.9
N38A	Joess South For	33.55 346	P	P	05 53 04.6	-0.4
Q32A	Meitler Ranch,	33.57 337	P	P	05 53 05.5	+0.3
319A	Douglas	33.61 316	eP	P	05 53 08.2	+2.4
R30A	Dighton	33.65 335	P	P	05 53 06.4	+0.2
LVC	Limon Verde	33.71 156	P	P	05 53 07.8	+0.9
LVC	Limon Verde	33.71 156	eP	P	05 53 13.6	+6.6
N37A	Lee Faris, Mou	33.76 344	P	P	05 53 06.8	0.0
S28A	Mantler	33.79 332	P	P	05 53 06.6	-0.7
O35A	Humboldt	33.80 342	P	P	05 53 06.3	-0.9
CBK5	Cedar Huff	33.88 336	P	P	05 53 07.7	-0.2
O34A	Beatrice	33.97 341	P	P	05 53 07.9	-0.8
N36A	Muff Farm, Cla	34.02 343	P	P	05 53 08.5	-0.7
M38A	Pleasantville	34.13 346	P	P	05 53 09.7	-0.3
P32A	Huiling Farm,	34.14 338	P	P	05 53 10.0	-0.2
ANMO	Albuquerque	34.16 324	P	P	05 53 10.4	-0.2
ANMO	Albuquerque	34.16 324	eP	P	05 53 12.3	+1.6
ANMO	Albuquerque	34.16 324	iP	Pmax	05 53 10.8	+0.1
O33A	Hebron	34.17 340	P	P	05 53 10.3	-0.2
Q30A	Quinter	34.21 335	P	P	05 53 11.1	+0.2
N35A	Tabor	34.26 343	P	P	05 53 11.4	+0.2
M37A	Trindle Farm,	34.33 345	P	P	05 53 11.2	-0.5
P31A	Stockton	34.34 337	P	P	05 53 11.7	-0.2
R28A	Tribune	34.37 333	P	P	05 53 12.3	+0.1
Q29A	Oakley	34.46 335	P	P	05 53 12.7	-0.3
N34A	Lincoln	34.50 342	P	P	05 53 13.0	-0.3
M36A	Felix, Anita	34.57 344	P	P	05 53 13.7	-0.2
O32A	Brockman Farm,	34.58 339	P	P	05 53 13.7	-0.3
SCIA	State Center	34.59 346	eP	P	05 53 14.9	+0.8
T25A	Trinidad	34.66 329	P	P	05 53 14.4	-0.6
P30A	Gelden	34.71 336	P	P	05 53 15.2	+0.1
N33A	J Bar K, Exete	34.72 340	P	P	05 53 15.3	+0.1
L38A	Oak Wood Farm,	34.76 347	P	P	05 53 15.2	-0.3
M35A	Neola	34.84 343	P	P	05 53 16.4	+0.2
O31A	Woolen Ranch,	34.87 338	P	P	05 53 15.8	-0.7
L37A	Phoenix Point,	34.93 346	P	P	05 53 16.7	-0.3
Q28A	Sharon Springs	34.97 334	P	P	05 53 17.4	-0.1
JFWS	Jewell Farm	34.97 350	eP	P	05 53 16.6	-0.7
JFWS	Jewell Farm	34.97 350	eP	Pmax	05 53 16.6	-0.7
P29A	Atwood	35.03 335	P	P	05 53 18.2	+0.2
L36A	Harm Buss Farm	35.14 345	P	P	05 53 18.9	+0.1
O30A	NW Ranch, Wils	35.17 337	P	P	05 53 18.8	-0.4
TUC	Tucson	35.19 316	P	P	05 53 20.0	+0.6
TUC	Tucson	35.19 316	eP	P	05 53 21.2	+1.7
TUC	Tucson	35.19 316	eP	Pmax	05 53 21.2	+1.7
K38A	Parkersburg	35.20 347	P	P	05 53 19.0	-0.3
P28A	Saint Francis	35.36 334	P	P	05 53 20.7	-0.1
L35A	Blowell Farm, R	35.39 344	P	P	05 53 20.7	-0.2
M33A	Taylor Creek F	35.39 341	P	P	05 53 20.5	-0.4
O29A	4D Ranch, Culb	35.42 336	P	P	05 53 20.7	-0.6
K37A	Belmond	35.51 346	P	P	05 53 21.7	-0.3
BGNE	Belgrade	35.56 340	P	P	05 53 22.2	-0.2
K36A	Gilmore City	35.59 345	P	P	05 53 22.7	+0.1

SDCO	Great Sand Dun	35.69 328	P	P	05 53 23.3	-0.6
SDCO	Great Sand Dun	35.69 328	eP	P	05 53 24.7	+0.8
N30A	Hueftle Ranch,	35.72 337	P	P	05 53 23.6	-0.3
J38A	Wedel Dairy, R	35.78 348	P	P	05 53 23.8	-0.4
M31A	Lambrecht Ranc	35.79 339	P	P	05 53 24.0	-0.4
O28A	Krutsinger Ran	35.83 335	P	P	05 53 24.5	-0.3
K35A	Stor Lake	35.87 344	P	P	05 53 24.6	-0.4
N29A	Votaw Ranch, W	35.95 337	P	P	05 53 25.5	-0.3
J37A	Redenius Farm,	36.01 347	P	P	05 53 25.8	-0.4
X18A	Snowflake	36.01 320	eP	P	05 53 28.9	+2.3
K34A	Le Mars	36.08 343	P	P	05 53 26.4	-0.4
N28A	Pribebeno Ranch	36.20 336	P	P	05 53 28.2	+0.2
J36A	Seneca 1, Swea	36.21 346	P	P	05 53 27.9	0.0
K33A	Hardington	36.27 342	P	P	05 53 28.4	-0.1
S22A	4UR Ranch, Cre	36.39 327	P	P	05 53 30.2	+0.3
S21A	4UR Ranch, Cre	36.39 327	eP	P	05 53 31.7	+1.8
214A	Organ Pipe Nat	36.40 314	eP	P	05 53 31.5	+1.7
Q24A	Divide	36.44 330	P	P	05 53 29.6	-0.7
I38A	Scanlan Farm,	36.44 348	P	P	05 53 29.6	-0.3
J35A	Milford	36.46 345	P	P	05 53 29.7	-0.4
L31A	Butterfield Fa	36.47 340	P	P	05 53 30.5	+0.3
M29A	Burnside Ranch	36.51 337	P	P	05 53 30.3	-0.3
L30A	Spencer Herefo	36.58 339	P	P	05 53 31.2	0.0
K32A	Verde	36.62 341	P	P	05 53 31.0	-0.4
OGNE	Ogallala	36.62 335	P	P	05 53 30.0	-1.6
OGNE	Ogallala	36.62 335	eP	P	05 53 32.8	+1.2
I37A	Lemond, Waseca	36.64 347	P	P	05 53 30.2	-1.4
M28A	Bar X Bar Ranch	36.73 336	P	P	05 53 31.7	-0.8
K31A	O'Neill	36.84 340	P	P	05 53 32.7	-0.7
I35A	Creekview Farm	36.86 345	P	P	05 53 33.0	-0.6
X16A	Lo Mia Camp, P	36.90 319	eP	P	05 53 36.4	+2.2
MVCO	Mesa Verde	36.93 325	P	P	05 53 33.5	-0.9
MVCO	Mesa Verde	36.93 325	eP	P	05 53 35.8	+1.3
K30A	Basset	37.18 339	P	P	05 53 36.2	-0.1
ECSD	EROS Data Cent	37.19 343	P	P	05 53 35.6	-0.7
ECSD	EROS Data Cent	37.19 343	eP	P	05 53 35.6	-0.7
J32A	Parkston	37.22 344	P	P	05 53 36.4	-0.2
I34A	Hadley	37.22 344	P	P	05 53 36.8	-0.1
H36A	Jessenland, He	37.29 347	P	P	05 53 36.9	-0.3
L28A	Connealy Angus	37.31 337	P	P	05 53 37.7	+0.3
ISCO	Idaho Springs	37.31 330	P	P	05 53 37.4	-0.4
ISCO	Idaho Springs	37.31 330	eP	P	05 53 39.3	+1.5
ISCO	Idaho Springs	37.31 330	eP	Pmax	05 53 39.3	+1.5
K29A	Lazy Trails An	37.51 339	P	P	05 53 39.4	+0.4
113A	Mohawk Valley,	37.52 315	eP	P	05 53 40.8	+1.5
SMCO	Snowmass	37.52 328	eP	P	05 53 41.5	+1.9
WUAZ	Wupatki	37.54 320	P	P	05 53 41.4	+1.8
WUAZ	Wupatki	37.54 320	eP	P	05 53 41.9	+2.3
H35A	Sunnyside Ranch	37.62 346	P	P	05 53 38.5	-1.4
Y14A	Wickenburg	37.65 317	eP	P	05 53 42.2	+1.8
SPMM	Marine on St.	37.67 348	P	P	05 53 39.3	-1.0
SPMM	Marine on St.	37.67 348	eP	P	05 53 39.6	-1.0
J30A	Dallas	37.71 340	P	P	05 53 39.8	-1.0
H34A	Spellman Lake,	37.83 345	P	P	05 53 41.4	-0.3
K28A	Ter Hille Ranch	37.85 338	P	P	05 53 41.6	-0.4
G36A	St. Michael	37.88 347	P	P	05 53 41.7	-0.4
G35A	Watkins	38.03 347	P	P	05 53 42.9	-0.4
PV10	Paradox Valley	38.05 326	eP	P	05 53 45.5	+1.5
J29A	Okreek	38.07 339	P	P	05 53 43.0	-0.9
H33A	Pre Over Nor	38.10 344	P	P	05 53 43.4	-0.6
H32A	Carlson Farm,	38.13 343	P	P	05 53 43.5	-0.7
I30A	Oacoma	38.22 340	P	P	05 53 44.4	-0.6
N23A	Red Feather La	38.32 331	P	P	05 53 45.8	-0.4
J28A	Allard Ranch,	38.42 338	P	P	05 53 47.0	+0.2
H31A	Wolsey	38.42 342	P	P	05 53 47.1	+0.4
GLA	Glamis	38.42 314	P	P	05 53 47.4	+0.4
GLA	Glamis	38.42 314	eP	P	05 53 49.4	+2.5
GLA	Glamis	38.42 314	eP	P	05 53 46.1	-0.7
F36A	Milaca	38.43 348	P	P	05 53 46.1	-0.7
J27A	Elkhorn Farm,	38.56 337	P	P	05 53 47.8	-0.2
Y12C	Blythe	38.59 315	eP	P	05 53 48.6	+0.4
Y12C	Blythe	38.59 315	eP	P	05 53 50.7	+2.4
I29A	Vivian Onida	38.60 340	P	P	05 53 48.0	-0.2
PDMCI	Parker Dam,Lak	38.64 316	P	P	05 53 49.8	+1.1
F35A	Swanville	38.65 347	P	P	05 53 48.3	-0.3
U15A						

BW06	Boulder Array	41.50 330 eP	P	05 54 12.5 -0.1
PD31	Pinedale Array	41.50 330 eP	P	05 54 11.9 -0.6
PD31	Pinedale Array	41.50 330 eP	P	05 56 11.0 +0.9
PDAR	Pinedale Array	41.50 330 eP	P	05 54 11.9 -0.6
PDAR	Laurel Mtn Rad	comp=Z,1.1nm,0.6s,baz=126,slow=7.8,SNR=14	P	05 56 09.6 -0.5
PDAR	comp=Z,0.5nm,0.7s,baz=139,slow=6.2,SNR=3.9	LR	06 15 42.5	
D28A	Regan	41.50 342 P	P	05 54 12.4 +0.1
EDW2	Edwards Air Fo	41.62 314 P	P	05 54 14.1 +0.6
FURC	Furnace Creek	41.69 317 P	P	05 54 15.0 +1.1
HWUT	Hardware Ranch	41.70 327 eP	P	05 54 14.4 +0.2
LRM0	Laurel Mtn Rad	41.71 315 P	P	05 54 15.5 +1.2
A33A	Warroad	41.75 348 P	P	05 54 13.7 -0.6
B31A	Greenbush Farm	41.79 345 P	P	05 54 13.9 -0.7
MDND	Maddock	41.80 343 P	P	05 54 14.6 -0.1
MDND	Maddock	41.80 343 eP	P	05 54 15.4 +0.7
E25A	Miller Ranch	41.85 339 P	P	05 54 15.1 -0.1
MPMC	Manual Prospec	41.89 316 P	P	05 54 16.9 +1.1
R11A	Troy Canyon, C	41.94 320 P	P	05 54 16.3 +0.1
R11A	Troy Canyon, C	41.94 320 eP	P	05 54 18.4 +2.2
BDFB	Brasilila	41.94 125 P	P	05 54 15.8 -0.6
D26A	Manning	comp=Z,1.7nm,0.6s,baz=290,slow=13,SNR=4.0	P	05 54 15.9 -0.1
A32A	Rocking H Ranch	41.97 346 P	P	05 54 14.6 -1.4
B30A	Myrvik Farm, E	41.99 345 P	P	05 54 15.7 -0.6
BGU	Big Grassy Mch	42.04 325 eP	P	05 54 17.8 +0.8
AHID	Alvord Hatcher	42.27 329 eP	P	05 54 19.6 +0.7
B29A	Wagenman Farm	42.28 344 P	P	05 54 18.4 -0.2
ARVC	Arvin	42.34 314 P	P	05 54 21.0 +1.7
D25A	Fairfield	42.37 339 P	P	05 54 18.4 -1.0
A30A	Hoffart Farm	42.44 345 P	P	05 54 19.2 -0.7
HVU	Hansel Valley	42.47 326 eP	P	05 54 21.1 +1.1
HVU	Hansel Valley	42.47 326 eP	P	05 54 21.6 +1.1
CPUP	Villa Florida	42.49 145 LR	LR	06 13 46.3
C26A	Wahner Farm, P	42.54 341 P	P	05 54 20.4 -0.4
B28A	Dugan Ranch, T	42.56 343 P	P	05 54 20.9 0.0
REDW	Red Top Meadow	42.58 330 eP	P	05 54 21.9 +0.5
SNOW	Snow King Mtn	42.60 330 eP	P	05 54 22.2 +0.6
LOHW	Long Hollow	42.64 330 eP	P	05 54 23.2 +1.4
A29A	Manning	42.67 344 P	P	05 54 21.4 -0.3
MOOW	Moose Ponds	42.81 330 eP	P	05 54 23.2 0.0
C25A	Freed Ranch, W	42.83 340 P	P	05 54 23.3 +0.1
YES	Vestal, Richgr	42.88 315 P	P	05 54 25.1 +1.4
PKM	Mpherson Peak	42.92 313 P	P	05 54 24.6 +0.3
A28A	Rude Farm, Bot	42.95 343 P	P	05 54 24.4 +0.4
IMW	Indian Meadow	43.01 330 eP	P	05 54 24.6 -0.3
FLWY	Flagg Ranch	43.03 330 eP	P	05 54 25.6 +0.6
YMS	Mount Sheridan	43.08 331 eP	P	05 54 27.5 +1.9
ULM	Lac du Bonnet	43.09 348 P	P	05 54 23.8 -1.4
ULM	Lac du Bonnet	43.09 348 eP	P	06 13 53.8
ULM	Lac du Bonnet	43.09 348 eP	P	05 54 23.7 -1.4
ULM	Lac du Bonnet	43.09 348 eP	P	05 54 23.7 -1.4
RLMT	Red Lodge	43.13 333 P	P	05 54 25.5 -0.3
RLMT	Red Lodge	43.13 333 eP	P	05 54 25.3 -0.5
ELK	Elko	43.20 323 eP	P	05 54 27.5 +1.0
ELK	Elko	43.20 323 eP	P	05 56 24.3 +8.5
ELK	Elko	43.20 323 eP	P	05 54 27.5 +1.0
H17A	Grant Village	43.20 331 P	P	05 54 26.0 -0.5
H17A	Grant Village	43.20 331 eP	P	05 54 31.1 +4.7
YPP	Pitchstone Pla	43.22 330 eP	P	05 54 27.6 +1.0
RCTC	Rector, Farmer	43.23 316 P	P	05 54 25.9 -0.5
YLT	Little Thumb C	43.24 331 eP	P	05 54 27.5 +0.7
LKWY	Lake	43.24 331 eP	P	05 54 28.1 +1.3
LKWY	Lake	43.24 331 eP	P	05 54 28.1 +1.3
SMMC	Simmler	43.26 314 P	P	05 54 26.2 -0.6
B25A	Knox Farm, Ray	43.28 340 P	P	05 54 26.5 -0.3
MCID	Moose Creek	43.34 330 eP	P	05 54 27.7 +0.1
YFT	Old Faithful	43.37 331 eP	P	05 54 29.9 +2.1
A26A	Wade Farm, Ken	43.47 342 P	P	05 54 28.0 -0.2
YMR	Madison River	43.59 331 eP	P	05 54 30.7 +1.1
NV11	Mina Array Sit	43.63 319 eP	P	05 54 32.1 +2.2
NV11	Mammouth Vault	43.63 319 eP	P	05 54 31.6 +0.9
NV11	Mina Array Sit	43.73 319 eP	P	05 54 31.6 +0.9
NVAR	Mina Array Bea	43.73 319 P	P	05 54 31.6 +0.9
NVAR	comp=Z,3.0nm,0.7s,baz=125,slow=6.9,SNR=27	P	05 56 16.7 -0.9	
NVAR	comp=Z,0.2nm,0.3s,baz=126,slow=4.6,SNR=10	LR	06 16 38.7	
YHB	Horse Butte	43.76 331 eP	P	05 54 27.5 -3.4
DGMT	Dagmar	43.81 339 P	P	05 54 30.7 -0.3
DGMT	Dagmar	43.81 339 eP	P	05 54 31.7 +0.7
GCMT	Greycliff	43.82 333 eP	P	05 54 31.5 +0.2
QLMT	Earthquake Lak	43.93 331 eP	P	05 54 33.4 +1.1
BMN	Battle Mountai	44.20 322 eP	P	05 54 35.7 +1.3
BMN	Battle Mountai	44.20 322 eP	P	05 54 35.7 +1.3
WAKR	Walker	44.51 318 eP	P	05 54 38.9 +1.9
HLID	Hailey	44.57 327 eP	P	05 54 37.1 -0.3
HLID	Hailey	44.57 327 eP	P	05 54 37.5 +0.1
BOZ	Bozeman (W)	44.63 331 P	P	05 54 37.9 -0.2
BOZ	Bozeman (W)	44.63 331 eP	P	05 54 37.9 +0.1
BOZ	Bozeman (W)	44.63 331 eP	P	05 54 37.9 +0.1
MCMT	McKenzie Canyo	44.63 330 eP	P	05 54 38.8 +0.9
DLMT	Dillon	44.89 330 eP	P	05 54 41.3 +1.4

LRM	Limekiln Ridge	45.15 331 eP	P	05 54 41.8 -0.3
MFID	Camas Ranch	45.24 326 eP	P	05 54 43.5 +0.8
HRG	Holler	45.51 332 eP	P	05 54 45.4 +0.7
EYMT	Eagleton	45.58 335 P	P	05 54 44.7 -0.5
EGMT	Eagleton	45.58 335 eP	P	05 54 44.5 +0.1
WVOR	Wild Hor Val	46.24 323 eP	P	05 54 51.0 +0.4
WVOR	Wild Horse Val	46.24 323 eP	P	05 54 51.0 +0.4
OHCM	Honcui	46.31 318 eP	P	05 54 52.4 +1.5
ORV	Oroville	46.43 318 eP	P	05 54 53.4 +1.4
ORV	Oroville	46.43 318 eP	P	05 54 53.4 +1.4
MSO	Missoula	46.59 331 P	P	05 54 52.6 -0.6
MSO	Missoula	46.59 331 eP	P	05 54 53.8 +0.5
BMO	Blue Mountains	46.98 327 eP	P	05 54 55.1 -1.2
J04D	Paynes Creek	47.02 319 P	P	05 54 56.5 -0.2
UTM3	Keish	47.41 331 P	P	05 55 00.1 +0.4
F10A	Beach Ranch, E	47.67 328 eP	P	05 55 02.0 +0.3
M04C	Maddock	47.83 321 P	P	05 55 03.5 +0.5
N02D	Trinity Center	47.95 319 P	P	05 55 03.5 -0.4
SCHO	Schefferville	48.01 12 P	P	05 55 03.3 -0.7
SCHO	comp=Z,3.5nm,0.8s,baz=214,slow=9.3,SNR=3.7	LR	06 16 29.2	
SCHO	Schefferville	48.01 12 eP	P	05 55 03.3 -0.7
WALA	Waterton Lakes	48.18 333 eP	P	05 55 06.0 +0.3
FFC	Flin Flon	48.65 345 eP	P	05 55 09.0 0.0
FFC	Flin Flon	48.65 345 eP	P	05 55 09.0 0.0
J04D	Umpqua Nationa	48.80 322 P	P	05 55 10.7 +0.2
NEW	Newport	49.14 330 P	P	05 55 13.0 +0.1
NEW	Newport	49.14 330 eP	P	05 55 13.4 +0.5
NEW	Newport	49.14 330 eP	P	05 55 13.4 +0.5
H04A	Detroit Lake	49.65 324 eP	P	05 55 16.9 0.0
I03D	Drain, OR	49.80 322 P	P	05 55 18.8 +0.8
PLCA	Paso Flores	50.20 168 P	P	05 55 20.2 -0.8
PLCA	Paso Flores	50.20 168 eP	P	05 55 20.4 -0.7
B08A	Colville Reser	50.31 329 eP	P	05 55 22.7 +0.9
FCC	Fort Churchill	50.96 352 eP	P	05 55 25.4 -1.0
FCC	Fort Churchill	50.96 352 eP	P	05 55 25.4 -1.0
EDM	Edmonton	51.05 337 eP	P	05 55 26.3 -1.0
EDM	Edmonton	51.05 337 eP	P	05 55 26.3 -1.0
EDM	Edmonton	51.05 337 eP	P	05 55 26.3 -1.0
YKA	Yellowknife Ar	51.72 343 P	P	05 56 21.4 -1.2
YKA	Yellowknife Ar	51.72 343 eP	P	05 57 11.9 -0.4
YKBS	Yellowknife Ar	58.72 343 eP	P	05 56 21.4 -1.2
RES	Resolute Bay	66.58 357 eP	P	05 57 13.9 -1.0
RES	Resolute Bay	66.58 357 eP	P	05 57 13.9 -1.0
DAWY	Dawson	68.27 337 eP	P	05 57 26.9 +1.1
INK	Inuvik	68.41 342 eP	P	05 57 27.2 +0.8
INK	Inuvik	68.41 342 eP	P	05 57 27.3 +0.8
EGAK	Eagle	69.28 337 eP	P	05 57 34.0 +2.0
SUMG	Summit	69.39 13 P	P	05 57 31.8 -1.3
SUMG	Summit	69.39 13 P	P	05 57 32.0 -1.1
SUMG	Summit	69.39 13 P	P	05 57 31.8 -1.3
DOT	Dot Lake	69.97 335 eP	P	05 57 37.9 +1.5
KLU	Klutina	69.98 333 eP	P	05 57 39.4 +2.9
IL1	Eielson Array	71.53 336 eP	P	05 57 45.4 -0.4
ILAR	Eielson Array	71.53 336 P	P	05 57 45.5 -0.3
ILAR	comp=Z,3.1nm,0.7s,baz=112,slow=3.8,SNR=46	LR	06 31 22.0	
ILB	Eielson Array	71.53 336 eP	P	05 57 43.2 -2.6
RND	Reindeer	71.90 334 eP	P	05 57 48.5 +0.4
RND	Reindeer	71.90 334 eP	P	05 57 48.5 +0.4
WRH	Wood River Hill	71.92 336 eP	P	05 57 49.5 +1.4
COLA	College	71.95 336 eP	P	05 57 48.7 +0.4
MCK	McKinley	72.03 335 eP	P	05 57 51.7 +2.8
MCK	McKinley	72.03 335 eP	P	05 57 51.7 +2.8
MDM	Murphy Dose	72.14 336 eP	P	05 57 49.8 +0.3
BPAW	Bear Paw Mtn.	73.01 335 eP	P	05 57 55.6 +0.9
MLY	Manley	73.17 336 eP	P	05 57 55.9 +0.2
COLD	Coldfoot	73.62 338 eP	P	05 57 59.2 +1.0
TTA	Tatalina	74.92 333 eP	P	05 58 05.8 -0.2
TTA	Tatalina	74.92 333 eP	P	05 58 05.8 -0.2
DAG	Danmarks Havn	76.06 12 P	P	05 58 10.4 -1.7
DAG	Danmarks Havn	76.06 12 P	P	05 58 10.4 -1.7
DAG	Danmarks Havn	76.06 12 P	P	05 58 10.4 -1.7
ESDC	Sonsec Array	76.09 51 P	P	05 58 12.7 -0.4
ES19	Sonsec Array	76.14 51 eP	P	05 58 13.2 -0.2
TIC	Touadi	77.01 85 eP	P	05 58 18.7 0.0
LIC	Lamto	77.05 86 eP	P	05 58 19.2 +0.2
DBIC	Dobokro	77.17 85 P	P	05 58 19.8 +0.2
KIC	Kosan Boka	77.32 85 eP	P	05 58 20.6 +0.1
TNA	Tin City	78.37 335 eP	P	05 58 38.1 +2.0
TAM	Tamanrasset	85.25 68 eP	P	05 59 03.7 +1.0
TAM	Tamanrasset	85.25 68 eP	P	05 59 03.7 +1.0
GERES	GERES Array B	87.98 41 LR	LR	06 33 38.4
ARAO	ARCES Array S	88.45 20 eP	P	05 59 15.8 -1.3
ARCS	ARCES Array S	88.45 20 P	P	05 59 15.8 -1.3

BILL	Bilibino	89.89 339 eP	P	05 59 24.1 +0.2
BILL	Bilibino	89.89 339 eP	P	05 59 23.2 -0.7
TIXI	Tiksi	97.39 350 eP	P	05 59 58.4 +0.2
OBN	Obninsk	99.19 30 P	P	06 00 06.2 -0.4
SONAO	Songino Array	123.40 353 ePKP	PKP	06 05 21.6 -1.0
SONM	Songino Array	123.40 353 ePKP	PKP	06 05 21.6 -1.0
MK32	Makanchi Array	123.44 12 ePKP	PKP	06 05 21.1 -1.5
MKAR	Makanchi Array	123.44 12 PKP	PKP	06 05 21.1 -1.5
KS01	Wonju Array Si	126.06 330 ePKP	PKP	06 05 26.9 -1.0
KSRS	Korea Array	126.07 330 PKP	PKP	06 05 27.1 -0.7
KSAR	Wonju Array Be	126.09 330 PKP	PKP	06 05 27.1 -0.7
KSAR	Wonju Array Be	126.09 330 PKP	PKP	06 05 27.2 -0.8
KSH	Kashi	128.40 21 ePKP	PKP	06 05 30.1 -2.4
KSH	Kashi	128.40 21 ePKP	PKP	06 05 44.6
KSH	Kashi	128.40 21 ePKP	PKP	06 07 37.1 +1.2
KSH	Kashi	128.40 21 ePKP	PKP	06 09 05.9 -3.3
KSH	Kashi	128.40 21 ePKP	PKP	06 12 38.3 -5.7
KSH	Kashi	128.40 21 ePKP	PKP	06 24 49.0 -1.6
HHC	Hu-ho-hao-te	129.22 346 ePKP	PKP	06 05 34.3 +0.3
HHC	Hu-ho-hao-te	129.22 346 ePKP	PKP	06 05 47.3
HHC	Hu-ho-hao-te	129.22 346 ePKP	PKP	06 25 01.0 +0.6
HHC	Hu-ho-hao-te	129.22 346 ePKP	PKP	06 25 01.0 +0.6
HHC	Hu-ho-hao-te	129.22 346 ePKP	PKP	06 25 01.0 +0.6
GTA	Gaotai	132.35 351 ePKP	PKP	06 05 39.1 -0.9
LZH	Lanzhou	135.29 352 ePKP	PKP	06 05 45.3 -0.4
LZH	Lanzhou	135.29 352 ePKP	PKP	06 05 45.3 -0.4
AS31	Alice Springs	141.75 242 ePKP	PKP	06 05 56.2 -1.4
ASAR	Alice Springs	141.75 242 ePKP	PKP	06 05 56.2 -1.4
ASAR	Alice Springs	141.75 242 ePKP	PKP	06 05 56.2 -1.4
ASAR	Alice Springs	141.75 242 ePKP	PKP	06 05 5

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ASAJ, ULN, SONAO, SONM, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KDKA, MDM, RND, WRH, COLA, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SONM, WRA, ZALV, ASAR, MKAR, etc.

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Table with columns for call sign, frequency, power, and other technical details. Includes stations like BJI, DL2, KSH, JNU, TJN, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like KKAR, CBJJ, JCY, PMG, ZAK, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like BRVK, ZRNK, ASAJ, etc.

Table with columns: ID, Name, Time, and other details. Includes entries like BR101 Keskin Array S, BR101 Keskin Array B, BRTR Keskin Array S, etc.

Table with columns: ID, Name, Time, and other details. Includes entries like VTS Vitoshka, VTS Vitoshka, VTS Vitoshka, etc.

Table with columns: ID, Name, Time, and other details. Includes entries like KEST, KEST, KEST, etc.

Table with columns: ID, Name, Time, Az, El, P, PKP, Az, El, P, PKP. Rows include C31A Landman Farms, B34A Aery, Baudette, HWUT Hardwe Ranch, E27A Carson, BW06 Boulder Array, BW06 Boulder Array, PD31 Pinedale Array, PDAR Pinedale Array, PDAR comp=2.2,1nm,1.1s,baz=318,slow=2.0,SNR=3.7, R11A Troy Canyon, C, R11A Troy Canyon, C, F26A Lodgepole, B35A Bob, Littlefor, D30A Duchman, C33A Trail, F27A Lemmon, DUG Dugway, Tooele, DUG Dugway, Tooele, DUG Dugway, Tooele, C34A RKJ Ranch, Bem, G26A Maturine, G27A Dupree, EDW2 Edwards Air Fo, NLU North Lily Min, PSUT Pink Spring, D34A Park Rapids, MPU Maple Canyon, RSSD Black Hills, RSSD Black Hills, RSSD Black Hills, D35A Remer, GSC Goldstone, Bar, GSC Goldstone, Bar, G28A Parade, H27A Howes, K22A Casper, E33A Westby DABS, E, SHPR Sheep Range, J25A Sunshine Ranch, G30A Faulkton, I27A Quinn, MSU Marysvalle, MSU Marysvalle, CCUT Cedar City, F33A 5 Mile Ranch, E36A McGregor, Q16A Castle Valley, Q16A Midland, SRU San Rafael Swe, SRU San Rafael Swe, F35A Swanville, L3MT Little Creek M, I29A Vivian Onida, P36A Milaca, PFO Pinyon Flats O, PFO comp=2.1,6nm,0.7s,baz=223,slow=2.2,SNR=4.6, O20A White River Ci, O20A White River Ci, J28A Allard Ranch, I30A Oacoma, G36A Watkins, G35A St. Michael, W13A Hualapai Mount, U15A North Rim, U15A Sunnyside Ranc, J30A Dallas, IBP Imperial Bould, PV09 Paradox Valley, SWSC Sam W. Stewart, H36C Jessenland, He, Y12A Blythe, PV05 Paradox Valley, ECSD EROS Data Cent, ECSD EROS Data Cent, K30A Basset, K31A O'Neill, I37A Lemond, Waseca, K32A Verdigre, WUAZ Wupatki, WUAZ Wupatki, I38A Scanlan Farm, J36A Seneca 1, Swea, MVCO Mesa Verde, N28A Pribbeno Ranch, J38A Wedel Dairy, R, S22A 4UR Ranch, Cre, X16A Lo Mia Camp, P, K37A Belmont, BGNE Belgrade, W18A Petrified Fore, P28A Saint Francis, X18A Snowflake, N32A Stulken Farm, N32A J Bar K, Exete, O23A Brockman Farm, Q29A Oakley, P31A Stockton, T25A Trinidad, T25A Trinidad

Table with columns: ID, Name, Time, Az, El, P, PKP, Az, El, P, PKP. Rows include M38A Pleasantville, R28A Tribune, P32A Walnut Farm, TUC Tucson, TUC Tucson, ANMO Albuquerque, ANMO Albuquerque, ANMO Albuquerque, R30A Dighton, P37A Walnut Farm, R, P37A Wolfen Farm, P35A Duane Minner, KSU1 Kansas State U, KSU1 Kansas State U, M54A Oil Creek Stat, G34A Chapman, P37A Lathrop, Q35A Mercer Eighty, 319A Douglas, R34A Isabella, Hill, 121A Cookes Peak, Q38A Cooke Store, C, Q39A Willow Grove F, ACQO Alum Creek Sta, ACQO Laux Farm, Aux, PLCA Paso Flores, S35A Otter Creek Ra, R36A Cedric, C, S39A Chumby, Stover, R40A Madies Statio, M5TX Muleshoe, U34A Meshoe, U34A Anderson Ranch, U34A Anderson Ranch, S38A Stockton, S39A Bolivar, OLIL Olney, T37A Cheneyville 18, MNXT Cornudas Mount, T39A Clever, U37A Salina, WCI Wyandotte Cave, WCI Wyandotte Cave, SIUC Southern Ilin, U39A Green Forest, Y32A R-V Farms, Ver, U40A Yellville, U38A Canehill, JSRW J. Sargeant Re, W36A Wetumka, Z31A Sharp Cattle R, Y33A Hilltop Ranch, V39A Pettigrew, W37B Quinton, Z32A Haswell, X35A Drake, X36A Centrahoma, W38A Poteau, Z33A Whitaker Ranch, W39A Magazech, X37A Clayton, X38A Whitesboro, W40A Ferguson Farm, Y46A Duret, TZTN Tazewell, X39A Mertzon, X30A Foutain Ranch, Y37A Hugo, MIAR Mount Ida, MIAR Mount Ida, Z23A Coleman, TX31 Lajitas Ar. Si, TXAR Lajitas Aray, TXAR comp=2.1,3nm,0.5s,baz=260,slow=0.4,SNR=22, X36A Blue Ridge, X40A Basin Creek Fa, Z33A Rises Star, Y39A Lockesburg, Z37A Pogue Cattle C, TKL Tuckaleehee C, TKL Tuckaleehee C, Z34A Clairette, 238A Mt. Pleasant, HPIG Rialto, HPIG Rialto, 333A Richland Sprin, SWET Ennis, SWET Sewanee, BDFB Brasilia, 334A Lometa, JCT Junction City, JCT Junction City, JCT Junction City, Z40A Long Farm, Mag

Table with columns: ID, Name, Time, Az, El, P, PKP, Az, El, P, PKP. Rows include KMSC Kings Mountain, 433A Art, 237A Wazetta, Mont, 434A Burnet, 336A Riesel, 238A Jacksonville, 533A Kerrville, 435B Jarrell, 239A Gary, JSC Jenkinsville, JSC Jenkinsville, 337A Centerville, NATX Nacogdoches, NATX Nacogdoches, 534A Blanco, 436A Wall Ranch, Ga, 338A Crockett, 633A Sathoff Ranch, 437A Phantom Ranch, 535A Dale, 340A Bronson, 634A China Grove, S, CPUP Villa Florida, GOGA Godfrey, GOGA Godfrey, LRAL Liveoak Retre, 733A Divot King Ran, 832A Faith Ranch, C, 635A Leesville, 734A La Parita Cree, 833A Chaparral WMA, NHSC New Hope, 636A Smothers Creek, 440A Kirbyville, 735A Kenedy, 637A Eagle Lake, 736A Circle Diamond, 834A Tilden, 833A Laredo, 835A Beeville, TIGA Titton, TIGA Titton, LCO Las Campanas, DWPF Disney Wilder, LVC Limon Verde, LPAZ La Paz, LPAZ comp=2.3,8nm,0.8s,baz=225,slow=7.1,SNR=12, LPAZ comp=2.5,0nm,1.0s,baz=52,slow=3.2,SNR=5.7, MOC Monteria, Cord, CHIC Chingaza, INSC Morcasia, ROSC El Rosal, POPC Popayan, Colom, OTAV Otavalo, OTAV Otavalo

IDC 07 08:49:28.1±2.5, 54.1°18N,86°35E, h0km, mb1 3.2/2, mb1mx3.0/38, mbtmp3.2/2, ML2.9/2, Error ellipse: s-maj=19.8km s-min=12.4km az=54.0 NNC 07 08:49:30.0±1.6, 53.98N,86.68E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=12.3km s-min=11.8km az=3.0 ISC 07 08:49:29.6±5.5, 54.2°N,0.2°E, h10km, n1±25/6, 7C-1D, Southwestern Siberia

Table with columns: Code, Station Name, Az, El, P, PKP, Az, El, P, PKP, Time, Res. Rows include I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, ZALV 2.2nm,0.3s,baz=76,slow=18,SNR=37, KURK Kurchatov, KURB Kurchatov Arra, KURB Kurchatov Arra, KURB Kurchatov Arra, KURB Kurchatov Arra, MK31 Makanchi Arra, MK31 Makanchi Arra, MKAR Makanchi Arra, MKAR Makanchi Arra, MKAR Makanchi Arra

IDC 07 08:53:28.4±54.0, 15.64S:175.22W, h0km, mb3.7/3, mb1 3.8/3, mb1mx3.5/25, mbtmp3.8/5, ML3.4/1, MS2.9/2, s-maj=1022.0km s-min=186.8km az=78.0, Tonga Islands

Table with columns: Code, Station Name, Az, El, P, PKP, Az, El, P, PKP, Time, Res. Rows include STKA Stephens Creek, WRA Warrungarra Arr, ASAR Alice Springs, IDC 07 09:22:54.7±1.9, 14.07S:166.46E, h0km, mb3.8/4, mb1 4.0/5, mb1mx3.7/25, mbtmp3.8/5, ML3.4/1, MS2.9/2, MS1 2.9/2, ms1mx2.5/23, Error ellipse: s-maj=44.5km s-min=29.5km az=110.0, Vanuatu Islands, DZM Mont Dzumac, DZM Mont Dzumac

7d 14h

Table with columns: PTK, Pertek, 1.45 69 ePN, Pn, 13 33 17.6 -0.8, etc.

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

ISCJB 07 13:47:35.5±0.5, 37.89N±0.02, 27.28E±0.03, h10km±4km, Error ellipse: s-maj=4.4km s-min=3.7km az=154.2

DDA 07 13:47:35.4±1.0, 37.89N±0.02, 27.29E±0.02, h7km±10km, n35, a072/55, Turkey

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

DDA 07 13:55:37.8±8.9, 0.21N±123.51E, h114km±86km, mb3.3/6, mb1 3.4/7, mb1mx3.3/28, mbtpr3.6/7, Error ellipse: s-maj=77.9km s-min=16.7km az=61.0

ISCJB 07 13:55:41.2±0.4, 0.06S±0.05, 123.17E±0.04, h157km, mb3.5/7, Error ellipse: s-maj=7.1km s-min=6.0km az=8.1

DDA 07 13:55:42.1±0.7, 0.09S±0.06, 123.20E±0.05, h157km±n23, a1528/29, mb3.5/7, Minahasna Peninsula, Sulawesi

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

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Table with columns: AFSR, ELDT, Eldivan, 0.61 354 eSg, Sb, 14 05 11.2 0.0, etc.

NEIC 07 14:24:38.9±2.3, 36.09N±82.13E, h4km±14km, mb4.7/23, Error ellipse: s-maj=7.4km s-min=4.5km az=212.0

ISCJB 07 14:24:38.3±0.1, 36.14N±0.02, 82.03E±0.03, h10km, mb4.4/74, MS3.7/30, Error ellipse: s-maj=3.3km

IDC 07 14:24:38.6±0.6, 36.11N±82.14E, h0km, mb4.3/26, mb1 4.4/31, mb1mx4.2/53, mbtpr4.3/31, ML4.3/4, MS3.6/25, Ms1 3.6/25, ms1mx3.5/47, Error ellipse: s-maj=15.1km

BUI 07 14:24:39.3±36.17N±82.16E, h10km, mb4.4/47, mb4.6/32, ML4.9/8, Ms4.2/44, Ms7.3/9/43

MOS 07 14:24:39.9±1.5, 36.26N±82.12E, h18km, mb4.7/31, Error ellipse: s-maj=7.8km s-min=4.3km az=107.4

NNC 07 14:24:45.9±1.6, 36.47N±81.92E, h25km, mb4.7, mpv4.7, Error ellipse: s-maj=16.0km s-min=11.1km az=125.0

ISC 07 14:24:40.9±0.3, 36.12N±0.03, 82.00E±0.03, h10km±n243, a1552/171, mb4.5/76, MS3.7/30, 21C-22D, Southern Xinjiang

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

AAA Alma-Ata 8.14 333 i P Pn 14 26 49.1 +1.0

AAA comp=Z,200nm,0.3s pmax MLR MLR

GKM Gorkha 8.39 164 eP Pn 14 26 44.4 +1.6

TKM1 Tokmak 2 8.40 326 i P Pn 14 26 43.5 +0.5

TKM2 comp=Z,12nm,0.6s i P Pn 14 27 12.3 +5.7

TKM2 comp=Z,30nm,0.6s i P Pn 14 29 01.9

TKM2 comp=Z,225nm,1.3s i P Pn 14 29 45.4 +2.5

TKM2 Tokmak 2 8.40 326 P Pn 14 26 44.3 +0.1

TKM2 Tokmak 2 8.40 326 P Pn 14 26 43.5 +0.5

UCH Uchtor 8.43 319 P Pn 14 26 45.1 +1.6

KOLN Koldanda 8.43 170 eP Pn 14 26 43.2 -0.2

NDI New Delhi 8.44 210 eP Pn 14 26 41.4 -2.0

KBK Karagaybulak 8.51 322 eP Pn 14 26 45.6 +1.3

CEP Cherat 8.60 257 P Pn 14 26 48.0 +2.5

AAK Ala-Archa 8.72 321 eP Pn 14 26 48.2 +0.9

AAK comp=Z,1.0nm,0.3s,baz=123,slow=6.0,SNR=14.1

AAK comp=Z,3.8nm,0.3s,baz=292,slow=14,SNR=6.3

AAK comp=Z,325nm,18.6s,baz=118,slow=43

AAK comp=Z,13nm,1.1s i P Pn 14 27 18.7 -9.2

AAK comp=Z,41nm,0.7s i P Pn 14 29 10.3

AAK comp=Z,207nm,0.9s i P Pn 14 26 48.2 +0.9

KRU Kakani 8.76 161 eP Pn 14 26 48.4 +0.6

FRU Bishkek 8.80 322 i P Pn 14 26 52.0 +3.7

AML Almayashu 8.81 315 P Pn 14 26 49.9 +1.1

GUM Gumba 8.82 157 eP Pn 14 26 50.3 +1.5

CHMS Chumysh 8.86 323 P Pn 14 26 52.3 +3.2

DMN Daman 8.88 162 eP Pn 14 26 50.9 +1.3

PKIN Phuktoki 8.89 160 eP Pn 14 26 52.1 +1.0

THW Thamme Wali 9.10 252 P Pn 14 26 53.4 +2.0

EKS2 Erkin-Say 9.12 318 eP Pn 14 26 53.2 +0.6

EKS2 Erkin-Say 9.12 318 eP Pn 14 26 53.3 +0.6

JIRN Jiri 9.15 156 eP Pn 14 26 54.7 +1.3

MNAS Manas 9.72 314 i P Pn 14 27 01.1 +0.1

MNAS comp=Z,3.3nm,0.4s i P Pn 14 27 38.6

MNAS comp=Z,5.5nm,0.9s i P Pn 14 27 38.6

MNAS comp=Z,24nm,0.7s i P Pn 14 29 45.9

MNAS comp=Z,118nm,1.1s i P Pn 14 29 45.9

MNAS comp=Z,7.0nm,0.7s i P Pn 14 27 03.4 -0.7

RAMN Ramitj 9.94 156 eP Pn 14 27 04.6 -0.3

TAPN Taplejung 10.10 149 eP Pn 14 27 04.6 -0.3

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Table with columns: ODAN, Odare, 10.31 152 eP, Pn, 14 27 08.1 -3.0, etc.

CD2	comp=Z,10.0nm,0.7s								
CD2	comp=Z,80nm,4.7s		pmax	pmax					
CD2	comp=Z,490nm,12.5s		LR	LR					
CD2	comp=Z,360nm,10.7s		LR	LR					
CD2	Chengdu	18.86 100	P	P	14 28 57.0	-4.2			
CD2	Hyderabad (bro)	18.88 190	ePn	S	14 32 28.0	-4.9			
HYB	Hyderabad	18.88 190	iP	P	14 29 02.0	+0.5			
HYB	Hyderabad	18.88 190	eP	P	14 28 59.6	-1.9			
HYB			IAMB	IAMB	14 29 08.2				
GEYT	comp=Z,19nm,0.7s	19.15 283	P	P	14 29 04.6	+0.2			
GEYT	Alibeek	19.28 339	iP	Ln	14 38 04.1				
GEYT	comp=Z,254nm,19.8s,baz=90,slow=42		LR	LR					
CHKZ	Chkalovo	19.28 339	iP	P	14 29 04.5	-1.1			
CHKZ	Chkalovo	19.28 339	P	P	14 29 04.5	-1.1			
CHKZ			pmax	pmax					
NJS	comp=Z,7.0nm,0.7s	19.63 188	ePn	P	14 29 09.4	-0.3			
SRLM	Srisalain	20.13 189	eP	P	14 29 14.6	-0.5			
ADKI	Adanki	20.27 186	eP	P	14 29 16.8	+0.1			
MOY	Mondy	20.61 35	eP	P	14 29 20.1	-0.2			
MOY			pmax	pmax					
RCLA	Rachleria	20.75 188	ePn	P	14 29 21.2	-0.8			
AB31	Abkula array	20.77 316	P	P	14 29 21.1	-0.9			
AB31	Abkula array	20.77 316	iP	P	14 29 21.0	-0.9			
AB31			pmax	pmax					
AB31			pmax	pmax					
ABKAR	Abkula array	20.77 316	eP	P	14 29 20.8	-1.1			
KMI	Kunming	20.90 116	P	P	14 29 22.5	-1.2			
KMI			S	S	14 33 15.9	-1.0			
KMI			sS	sS	14 33 23.1	+1.6			
KMI			pmax	pmax					
KMI	comp=Z,36nm,1.0s								
KMI	comp=Z,63nm,3.1s								
KMI	comp=Z,190nm,9.6s		LR	LR					
KMI	comp=Z,250nm,8.6s		LR	LR					
KMI	comp=Z,220nm,9.9s		LR	LR					
ZAK	Zakamensk	20.96 41	eP	P	14 29 22.6	-1.4			
ZAK			pmax	pmax					
KRAR	Krasnoyarsk	21.23 171	eP	P	14 29 26.0	-0.8			
KRAR			pmax	pmax					
SOMM	Songino Array	21.49 49	P	P	14 29 29.8	0.0			
SOMM	comp=Z,17nm,0.4s								
SOMM	comp=Z,36nm,0.7s,baz=240,slow=12,SNR=185		Lg	Lg	14 35 59.1				
SOMM	comp=Z,1.9nm,1.0s,baz=257,slow=26,SNR=3.4		LR	LR	14 38 26.8				
SOMM	comp=Z,70nm,19.7s,baz=178,slow=39		LR	LR	14 29 29.3	-0.6			
SOMM	Songino Array	21.50 49	eP	P	14 29 29.1	-0.9			
SOMM	Urvakonda	21.51 193	eP	P	14 29 29.1	-0.9			
SOMM	Talaya	21.90 38	P	P	14 29 33.4				
SOMM	comp=Z,4.1nm,0.5s,baz=237,slow=10,SNR=5.8		LR	LR	14 29 33.0				
TLY	Talaya	21.90 38	eP	P	14 29 33.7	-0.4			
TLY			e	e	14 29 53.0				
TLY			pmax	pmax					
TLY	comp=Z,6.0nm,0.8s								
ULN	Ulanbaatar	21.91 50	P	P	14 29 33.7	-0.6			
ULN	comp=Z,51nm,1.1s,comp=Z,459nm								
ULN	Ulanbaatar	21.91 50	eP	P	14 29 33.8	-0.5			
ULN	comp=Z,42nm,0.9s								
ULN	Ulanbaatar	21.91 50	iP	P	14 29 33.9	-0.5			
ULN			pmax	pmax					
CMAI	Chiang Mai	22.00 133	P	P	14 29 35.5	0.0			
CMAI	Chiang Mai	22.00 133	P	P	14 29 35.5	0.0			
XAN	Xi'an	22.11 87	P	P	14 29 38.4	+1.9			
XAN			sP	sP	14 29 43.9	+3.3			
XAN			Pn	Pn	14 30 05.1	+6.7			
XAN			S	S	14 33 38.5	-1.7			
XAN			pmax	pmax					
XAN	comp=Z,25nm,1.0s								
XAN			pmax	pmax					
XAN	comp=Z,39nm,6.4s		LR	LR					
XAN	comp=Z,320nm,13.6s		LR	LR					
XAN	comp=Z,250nm,12.9s		LR	LR					
XAN	comp=Z,190nm,12.4s		LR	LR					
BTO	Baotou	22.38 70	eP	P	14 29 38.7	-0.7			
AKTO	Aktyubinsk	22.44 317	P	P	14 29 38.9	-1.1			
AKTO	comp=Z,12nm,0.9s,baz=108,slow=10.0,SNR=23		LR	LR	14 38 56.2				
AKTO	Aktyubinsk	22.44 317	iP	P	14 29 38.8	-1.1			
AKTO	comp=Z,106nm,21.1s,baz=126,slow=38								
AKTO	Aktyubinsk	22.44 317	P	P	14 29 38.1	-1.8			
AKTO	comp=Z,15nm,1.0s								
AKTO	Aktyubinsk	22.44 317	P	P	14 29 38.1	-1.8			
AKTO			pmax	pmax					
IRK	Irkutsk	22.55 37	eP	P	14 29 40.4	-0.6			
IRK			pmax	pmax					
MHMT	Miasarieng	22.75 138	P	P	14 29 42.6	-0.8			
MHMT	Chiang Mai	22.81 135	P	P	14 29 42.7	-1.3			
CHTO	Chiang Mai	22.81 135	P	P	14 29 41.7	-2.3			
CHTO	Chiang Mai	22.81 135	eP	P	14 29 40.8	-3.2			
CHTO	Chiang Mai	22.81 135	eP	P	14 29 40.8	-3.2			
CHTO	Chiang Mai	22.81 135	eP	P	14 29 40.8	-3.2			
CHTO			pmax	pmax					
CMMT	Chiang Mai	22.81 135	P	P	14 29 42.6	-1.5			
CMMT	Chiang Mai	22.81 135	P	P	14 29 42.7	+3.1			
CM31	Chiang Mai Arr	23.09 135	eP	P	14 29 44.9	-2.0			
CM31	Chiang Mai Arr	23.09 135	P	P	14 29 44.6	-2.3			
GYA	Guiyang	23.12 108	iP	P	14 29 45.4	-1.9			
GYA			Pn	Pn	14 30 14.5	+2.1			
GYA			PcP	PcP	14 33 36.2	+0.1			
GYA			S	S	14 33 53.4	-5.4			
GYA			sS	sS	14 34 35.0	+3.6			
GYA			ScP	ScP	14 37 12.3	-1.7			
GYA			pmax	pmax					
GYA	comp=Z,30nm,0.9s								
GYA	comp=Z,120nm,6.5s								
GYA	comp=Z,210nm,11.2s		LR	LR					
GYA	comp=Z,340nm,12.0s		LR	LR					
GYA			LR	LR					
CM01	Chiang Mai Arr	23.13 135	eP	P	14 29 43.5	-3.8			
LAMP	Lampang	23.44 134	P	P	14 29 49.8	-0.6			
LAMP	comp=Z,7.6nm,1.0s,comp=Z,7.1nm								
HHC	Hu-ho-hao-te	23.56 69	eP	P	14 29 51.6	0.0			
HHC			pP	pP	14 29 57.7	+3.1			
HHC			S	S	14 34 00.7	-5.1			
HHC			sS	sS	14 34 11.0	+0.2			
HHC			pmax	pmax					
HHC	comp=Z,11nm,1.0s								
HHC	comp=Z,190nm,4.9s		LR	LR					
HHC	comp=Z,170nm,10.6s		LR	LR					
HHC	comp=Z,200nm,11.1s		LR	LR					
HHC	comp=Z,170nm,12.3s		LR	LR					
NANT	Nan	23.86 131	P	P	14 29 51.3	-3.3			
WSAR	Wadi Sarin	23.95 244	LR	LR	14 41 00.0				
SLVN	Son La	24.13 122	eP	P	14 29 55.7	-1.4			
SLVN	Son La	24.13 122	eP	P	14 29 55.7	-1.4			
SUKH	Sukhothai	24.26 135	P	P	14 29 58.9	+0.6			
SUKH	comp=Z,3.8nm,0.9s								

UTTA	Uttaradit	24.59 133	P	P	14 30 00.9	-0.4			
DGPR	Diglipur	24.87 154	eP	P	14 30 01.9	-1.9			
DGPR			IAMB	IAMB	14 30 06.1				
SVE	Sverdlovsk	25.21 332	eP	P	14 30 07.7	+1.1			
UTHA	Uthaitani	25.72 138	P	P	14 30 12.0	+0.5			
ARU	Ari	25.75 329	P	P	14 30 10.8	-0.7			
ARU	comp=Z,5.6nm,0.6s,baz=124,slow=4.0,SNR=14		LR	LR	14 41 02.0				
ARU	Ari	25.75 329	eP	P	14 30 10.4	-1.1			
ARU	comp=Z,1.55nm,21.4s,baz=137,slow=38								
ARU	Ari	25.75 329	iP	P	14 30 11.2	-0.3			
ARU	Ari	25.75 329	iP	P	14 30 11.2	-0.3			
ARU			S	S	14 34 42.4	+2.0			
ARU			Ss	Ss	14 35 36.0	+0.8			
ARU			S	S	14 35 36.0	+0.8			
ARU			Ss	Ss	14 35 36.0	+0.8			
ARU			S	S	14 35 36.0	+0.8			
ARU			Ss	Ss	14 35 36.0	+0.8			
ARU			S	S	14 35 36.0	+0.8			
ARU			Ss	Ss	14 35 36.0	+0.8			
ARU			S	S	14 35 36.0	+0.8			
ARU			Ss	Ss	14 35 36.0	+0.8			
ARU			S	S	14 35 36.0	+0.8			
ARU			Ss	Ss	14 35 36.0	+0.8			
ARU			S	S	14 35 36.0				

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Table with columns: YKA, YKB5, RES, RES, RES, APA, KLMR, KLMR, B08A, D08A, C09A, K05A, NEW, NEW, NEW, EDM, EDM, VRH, VRH, MOD, ORV, ORV, ORV, OHCM, LPSR, LPSR, OBN, OBN, OBN, AFDM, WALA, VSR, VSR, VORD, VORD, JMTM, YBMT, CMB, CMB, CMB, SWMT, FINES, WAKR, NCK, NCK, MFID, KBZ, KIV, KIV, KIV, BMN, BMN, GNI, GNI, NV01, NVAR, NV11, MTUM, HLD, HRY, LRM, MCMT, ELK, ELK, BOZ, BOZ, FFC, FFC, QLMT, R11A, YMR, YNR, YFT, HW1A, HW1A, GSC, GSC, MOOV, FCC, FCC, REDW, RLMT, AHG, DHD, DUG, DUG, HWUT, PFO, PFO, PFO

Table with columns: NLU, LDFC, BW06, PDAR, PDAR, AKASG, AKASG, KIEV, KIEV, LCMT, MSU, MSU, NB2, NOA, NOA, Y16A, SRU, SRU, U15A, K22A, Y14A, WUAZ, PV09, RSSD, RSSD, RAYN, N23A, ULM, ULM, BR13, BRTR, BRTR, BRTR, TUC, TUC, TUC, CRVS, CRVS, ANMO, ANMO, ANMO, DPC, DPC, ECSD, CLL, CLL, CONA, GNT, GNT, GERS, GERS, SOKA, SCHO, TXAR, LPAZ, PLAC, SMLA, LCO, LCO, LVC, LVC, IDC 07 15:24:42.3,6, 15885x173:46W, h0km, mb3.8/4, mb1 4.2/5, mb1mx3.7/46, mbtimp3.9/5, ML4.4/1, MS3.0/6, MS1 3.0/6, ms1mx2.8/36, Error ellipse: s-maj=207.77km, s-min=22.0km, Az=146.0, Tonga Islands

Table with columns: s-maj=22.0km, s-min=13.8km, az=75.0, JMA 07 15:32:31.4, 0.3, 2.7:98N, 140:64E, h492km, 4km, M3.9, ISC 07 15:32:29.0, 0.8, 2.7:71N, 0.1:140.0E, 0.1, h479km, n28, 0.065/25, mb3.3/14, Bonin Islands region

comp=Z,3.0nm,0.2s
ILOL Iglolik, Nuna 11.77 150 PN Pn 15 50 49.8 -4.1

IDC 07 15:50:14.6,6.5,0.25N-123.79E,h125km,61km,mb3.4/9,
mb1.3/6/10,mb1mx3.4/46,mbtmp3.8/10,Error ellipse:
s-maj=58.2km s-min=14.3km az=61.0,
ISCJB 07 15:50:16.8,6.3,0.01S:0.05:123.54E,0.04,h157km,
mb3.6/9,Error ellipse: s-maj=7.2km s-min=5.3km az=28.1
DJA 07 15:50:20.0,3.0,0.3S:3.12E,4.1,h94km,70m,ML4.27,
mb4.3/2,MLV4.2/7

ISC 07 15:50:17.9,0.6,0.06S:0.08:123.49E,0.07,h157km,n40,
s1544/41,mb3.7/9,Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists various stations like Cibinong, Luwuk, Marisa, Ampanga, etc.

Table with columns: DZM, HNR, EIDS, PMG, STKA, RPZ, WRAB, WRA, ASAR, FITZ, MJAR, CMAR, ULN, GTA, GJA, GTA. Lists stations like Mont Dzumac, Honiara, Eidsvold, etc.

IDC 07 15:59:12.4,1.0,26.99N:144.06E,h0km,mb3.8/9,
mb1.3/9/11,mb1mx3.7/44,mbtmp3.7/11,ML3.4/2,MS3.4/1,
Ms1.3/4/1,ms1mx2.3/48,Error ellipse: s-maj=26.0km
s-min=20.6km az=71.0,
NEIC 07 15:59:14.0,0.7,27.07N:144.03E,h10km,mb4.4/1,Error
ellipse: s-maj=17.8km s-min=11.2km az=72.0
ISCJB 07 15:59:15.8,0.6,27.08N:0.07:143.91E,0.05,h33km,
mb3.8/10,MS3.4/1,Error ellipse: s-maj=9.7km
s-min=5.4km az=71.0

JMA 07 15:59:17.0,0.1,27.09N:143.79E,h69km,MS3.3
ISC 07 15:59:17.0,0.9,27.0N:0.1:143.86E,0.09,h35km,n22,
s1501/25,mb3.8/10, Bonin Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like Chichi jima, Chichi jima, Chichi jima, etc.

Table with columns: CMAR, QSPA, SONM, GTA, GJA, BILL, ILAR, MKAR, ARCES, FINES, KEST. Lists stations like Ching Mai Arr, South Pole Qui, Songo Array, etc.

IDC 07 16:19:22.1,4.3,25.21S:178.90W,h336km,44km,mb3.7/3,
mb1.3/9/5,mb1mx3.4/28,mbtmp4.6/5,Error ellipse:
s-maj=39.4km s-min=20.8km az=136.0,
ISCJB 07 16:19:23.8,0.6,25.28S:0.06:178.60W,0.1,h400km,
mb3.9/3,Error ellipse: s-maj=18.1km s-min=5.8km
az=16.1

ISC 07 16:19:25.6,0.8,25.34S:0.08:178.59W,0.2,h400km,n23,
s1535/30,mb3.9/3, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like Matakaoa Point, Waiomatatini S, Te Kaha, etc.

ISCJB 07 15:54:02.8,1.1,37.63S:0.05:74.2W,0.1,h33km,mb3.8/3,
MS3.6/4,Error ellipse: s-maj=14.5km s-min=6.4km az=8.3
GUC 07 15:54:02.3,0.3,37.67S:74.09W,h34km,1km,ML4.3
IDC 07 15:54:06.8,1.5,37.39S:72.79W,h0km,mb3.6/2,
mb1.4/0.5,mb1mx3.8/27,mbtmp3.9/5,ML3.9/2,MS3.5/6,
Ms1.3/6/6,ms1mx3.1/29,Error ellipse: s-maj=48.0km
s-min=19.4km az=68.0,
NEIC 07 15:54:07.2,6.3,37.46S:73.60W,h27km,40km,mb4.6/1,
ML4.3/GUC,Error ellipse: s-maj=44.6km s-min=15.5km
az=76.0,
NEIC Felt [III] at Concepcion, Lebu and Tirua; [II] at Angol,
Coronel, Puren, San Pedro de la Paz and Talcahuano,
ISC 07 15:54:06.3,1.1,37.63S:0.06:74.0W,0.1,h35km,n22,
s1540/18,mb3.7/3,MS3.5/4,Off coast of central Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like San Pedro de C, Cobquecura, Chichivian, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like WRA, ZALV, ASAR, MKAR, KURK, BVAR, YKA, NVAR. Lists stations like Warramunga Arr, Zalesovo Beam, Alice Springs, etc.

IDC 07 16:09:13.5,1.1,14.14S:166.73E,h0km,mb4.1/12,
mb1.4/2/11,mb1mx4.0/43,mbtmp4.2/14,ML4.3/2,MS3.4/6,
Ms1.3/4/6,ms1mx3.0/31,Error ellipse: s-maj=30.9km
s-min=17.4km az=114.0,
ISCJB 07 16:09:19.0,0.7,14.04S:0.07:166.44E,0.09,h43km,
mb4.2/15,MS3.4/5,Error ellipse: s-maj=13.1km
s-min=10.1km az=116.0,
NEIC 07 16:09:18.9,0.6,14.16S:166.71E,h35km,mb4.4/4,Error
ellipse: s-maj=15.9km s-min=10.9km az=107.0,
ISC 07 16:09:20.8,0.7,14.10S:0.08:166.5E,0.1,h43km,n26,
s1919/26,mb4.2/15,MS3.3/5, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like Mont Dzumac, Warramunga Arr, Zalesovo Beam, etc.

NSSC 07 16:19:35.7,1.1,34.47N:36.23E,h0km,3km,ML1.6
GRAL 07 16:19:35.4,0.3,34.57N:36.40E,h3km,3km,MDL.9
ISCJB 07 16:19:37.0,0.6,34.47N:0.02:36.29E,0.04,h7km,5km,
Error ellipse: s-maj=6.2km s-min=4.2km az=176.7,
CSEM 07 16:19:37.5,0.5,34.42N:36.28E,h5km,ML2.9,Error
ellipse: s-maj=13.6km s-min=5.4km az=163.0,
ISC 07 16:19:35.9,1.2,34.50N:0.03:36.27E,0.03,h8km,10km,
n18,0f51/30,Jordan-Syria region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like Fakeheh, Hawqa, Ras Al Marh, etc.

IDC 07 15:55:39.8,1.2,14.37S:166.73E,h0km,mb4.1/9,
mb1.4/2/11,mb1mx4.0/43,mbtmp4.1/11,ML4.2/2,MS3.4/4,
Ms1.3/4/4,ms1mx2.9/35,Error ellipse: s-maj=34.8km
s-min=21.9km az=122.0,
ISCJB 07 15:55:43.6,1.0,14.42S:0.10:166.8E,0.2,h35km,
mb4.0/12,MS3.5/2,Error ellipse: s-maj=22.1km
s-min=13.7km az=175.0,
NEIC 07 15:55:45.6,2.3,14.35S:166.70E,h38km,19km,mb4.2/2,
Error ellipse: s-maj=24.3km s-min=17.0km az=86.0,
ISC 07 15:55:45.2,1.0,14.3S:0.1:166.8E,0.2,h35km,n21,
s1546/16,mb4.1/12, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like San Pedro de C, Cobquecura, Chichivian, etc.

7d 18h

Table with columns: TXAR, NVAR, PDAR, YKA, INK, ILAR. Includes station names, frequencies, and coordinates.

2011 FEB

Main table listing stations (KSL, IMMV, etc.), station names, frequencies, and coordinates. Includes various station codes and details.

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ASAR Alice Springs 50.49 252 P P 18 04 57.9 -0.2
MAN 07 17:59:53,8.29N:123.33E,h13km,mb4.3,ML3.1,MS2.9,
5C-10,Mindanao

ISCJB 07 17:52:46.0.0.2,35.82N:0.02:26.77E:0.02,h93km,4km,
mb3.4/3,Error ellipse: s-maj=4.0km s-min=3.1km
az=177.4

CSEM 07 17:52:47.3.0.1,35.83N:26.77E,h80km,ML3.4,Error
ellipse: s-maj=3.3km s-min=2.5km az=14.0

ATH 07 17:52:47.3.0.1,35.83N:26.69E,h72km,4km,ML3.4/6,Error
ellipse: s-maj=4.5km s-min=1.0km az=140.0,Analyst:
KOLLIGRI ML Amplitudes are expressed in micrometres
All distances are expressed in km

ISK 07 17:52:48.1,35.93N:26.74E,h32km,ML3.1
THE 07 17:52:49.2,35.95N:26.71E,h66km,3km,ML3.4/10,Error
ellipse: s-maj=3.8km s-min=0.7km az=149.0

HLW 07 17:52:50.9,35.36N:26.98E,h32km,8km,Md3.8,Ml3.7
NIC 07 17:52:52.0.2,36.24N:27.43E,h50km,mb4.3,ML3.9
GII 07 17:52:53.2.0.0,35.31N:27.21E,h20km,2km,Md3.0/2
ISC 07 17:52:57.0.0.8,35.86N:0.03:26.80E:0.03,h86km,7km,
n171,01935/217,mb3.6/3,Crete

ISCJB 07 18:00:09.5.0.4,41.47N:0.01:23.12E:0.02,h3km,3km,
Error ellipse: s-maj=2.7km s-min=2.3km az=159.1
BEO 07 18:00:09.0.8,41.38N:23.08E,h0km,ML3.2/9
ATH 07 18:00:10.0,41.43N:23.15E,h2km,1km,ML3.2/6,Error
ellipse: s-maj=1.9km s-min=0.8km az=163.0,ML
Amplitudes are expressed in micrometres All distances are
expressed in km

CSEM 07 18:00:10.2.0.1,41.46N:23.11E,h5km,ML3.5,Error
ellipse: s-maj=2.5km s-min=2.1km az=54.0
ISK 07 18:00:10.8,41.40N:23.17E,h8km,ML3.0
SKO 07 18:00:10.6,41.46N:23.16E,h0km,ML2.8,ML3.0
THE 07 18:00:10.3,41.45N:23.16E,h3km,ML2.9/15,Error
ellipse: s-maj=0.8km s-min=0.4km az=106.0

ISF 07 18:00:10.1,41.49N:23.14E,h3km,Md3.2
ISC 07 18:00:10.1,41.47N:0.01:23.13E:0.01,h5km,9km,
n167,0096/222,7C-5D,Greece-Bulgaria border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists various stations like KNT, KND, etc.

IDC 07 17:55:57.9.68.0,15.74S:172.87W,h0km,mb3.9/3,
mb1.4/1.3,mb1mx3.6/20,mbtmp3.9/3,Error ellipse:
s-maj=1304.0km s-min=206.9km az=79.0,Samoa

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

SKO	Skopje	1.36 292	P	Pb	18 00 35.9	-0.1
SKO	Skopje	1.36 292	P	Pb	18 00 35.9	-0.1
LIT	Litokhoron	1.45 200	P	Pb	18 00 35.5	-1.4
LIT	Litokhoron	1.45 200	P	Pb	18 00 36.0	-0.9
LIT	Litokhoron	1.45 200	P	Pb	18 00 37.1	+0.5
LIT	Litokhoron	1.45 200	P	Pb	18 00 37.7	+0.2
FNA	Florina	1.49 243	P	Pb	18 00 37.4	-0.1
FNA	Florina	1.49 243	P	Pb	18 00 37.4	-0.1
FNA	Florina	1.49 243	P	Pb	18 00 37.4	-0.1
FNA	Florina	1.49 243	P	Pb	18 00 37.4	-0.1
KZN	Kozani	1.55 222	P	Pb	18 00 38.0	-0.4
KZN	Kozani	1.55 222	P	Pb	18 00 38.0	-0.4
PAIG	Paliouri	1.59 165	P	Pb	18 00 38.1	-0.8
PAIG	comp=N,461µm,0.6s		AML	AML	18 01 05.2	
PAIG	comp=N,536µm,0.5s		AML	AML	18 01 05.5	
PAIG	Paliouri	1.59 165	P	Pb	18 00 38.4	-0.5
PAIG	Paliouri	1.59 165	P	Pb	18 01 00.1	+0.2
PAIG	Paliouri	1.59 165	P	Pb	18 01 00.1	+0.2
BARS	Barje	1.66 325	ePn	Sb	18 00 40.0	+0.1
BARS	Barje	1.66 325	ePn	Sb	18 01 02.0	-0.5
BARS	Barje	1.66 325	ePn	Sb	18 00 40.0	+0.1
BARS	Barje	1.66 325	ePn	Sb	18 01 02.0	-0.5
KOD	Kurdzhali	1.73 83	ePn	Sb	18 00 41.2	+0.4
ZAPS	Zavoj	1.84 349	iPn	Sb	18 00 43.2	+0.8
ZAPS	Zavoj	1.84 349	iPn	Sb	18 01 08.1	+0.4
NEST	Nestorio	1.89 237	P	Pb	18 00 42.9	-0.2
NEST	Nestorio	1.89 237	P	Pb	18 00 43.3	+0.2
NEST	Nestorio	1.89 237	P	Pb	18 00 43.3	+0.2
NEST	Nestorio	1.89 237	P	Pb	18 00 43.3	+0.2
MPEP	Malo Peshtene	1.94 13	P	Pb	18 00 46.2	+0.3
SMTH	Samothraki Isl	2.07 118	P	Pb	18 00 44.5	-1.1
SMTH	Samothraki Isl	2.07 118	P	Pb	18 01 11.7	-0.1
SMTH	Samothraki Isl	2.07 118	P	Pb	18 01 11.7	-0.1
SMTH	Samothraki Isl	2.07 118	P	Pb	18 01 11.7	-0.1
THL	Klokotos Trika	2.08 204	P	Pb	18 00 45.6	0.0
THL	Klokotos Trika	2.08 204	P	Pb	18 00 45.6	0.0
XOR	Xorichti	2.10 179	P	Pb	18 00 45.0	-0.9
XOR	Xorichti	2.10 179	P	Pb	18 00 45.3	-0.6
XOR	Xorichti	2.10 179	P	Pb	18 00 45.3	-0.6
XOR	Xorichti	2.10 179	P	Pb	18 00 45.3	-0.6
NEO	Neokhori	2.16 178	P	Pb	18 00 45.8	-0.9
NEO	Neokhori	2.16 178	P	Pb	18 00 46.2	-0.5
NEO	Neokhori	2.16 178	P	Pb	18 00 46.2	-0.5
LIA	Limnos Island	2.21 134	P	Pb	18 00 46.9	-0.5
LIA	Limnos Island	2.21 134	P	Pb	18 00 46.9	-0.5
LIA	Limnos Island	2.21 134	P	Pb	18 01 15.8	+0.6
LIA	Limnos Island	2.21 134	P	Pb	18 01 15.8	+0.6
ALN	Alexandroupoli	2.28 104	P	Pb	18 00 47.5	-0.7
ALN	Alexandroupoli	2.28 104	P	Pb	18 00 47.6	-0.7
ALN	Alexandroupoli	2.28 104	P	Pb	18 00 47.6	-0.7
ALN	Alexandroupoli	2.28 104	P	Pb	18 00 47.6	-0.7
SELS	Selva	2.30 320	ePn	Sb	18 01 17.7	+0.3
AOS	Alonnissos	2.37 166	P	Pb	18 00 47.8	-1.8
AOS	Alonnissos	2.37 166	P	Pb	18 00 48.6	-0.9
AOS	Alonnissos	2.37 166	P	Pb	18 01 18.7	-0.2
AOS	Alonnissos	2.37 166	P	Pb	18 01 18.7	-0.2
BOVS	Bovan	2.41 335	ePn	Sb	18 00 49.9	-0.2
BOVS	Bovan	2.41 335	ePn	Sb	18 00 49.9	-0.2
AGG	Agios Georgios	2.52 194	P	Pb	18 00 51.7	-0.3
AGG	Agios Georgios	2.52 194	P	Pb	18 00 51.7	-0.3
AGG	Agios Georgios	2.52 194	P	Pb	18 00 51.7	-0.3
AGG	Agios Georgios	2.52 194	P	Pb	18 00 51.7	-0.3
ERIK	Erikli-Kesan	2.68 106	ePn	Sb	18 00 54.8	+0.9
ERIK	Erikli-Kesan	2.68 106	ePn	Sb	18 00 54.8	+0.9
EDRB	Edirne	2.74 81	ePn	Sb	18 00 56.0	+1.3
EDRB	Edirne	2.74 81	ePn	Sb	18 00 56.0	+1.3
GELI	Tayfur-Gelibolu	2.75 112	ePn	Sb	18 00 55.4	+0.6
GELI	Tayfur-Gelibolu	2.75 112	ePn	Sb	18 00 55.4	+0.6
DSL	Palaio Diassel	2.80 214	P	Pb	18 00 57.3	+1.8
DSL	Palaio Diassel	2.80 214	P	Pb	18 00 57.3	+1.8
SJES	Sjenica	2.84 309	ePn	Sb	18 00 58.0	+0.4
GRUS	Gruzu	3.00 325	ePn	Sb	18 00 57.4	-0.9
GRUS	Gruzu	3.00 325	ePn	Sb	18 00 57.9	-0.4
GRUS	Gruzu	3.00 325	ePn	Sb	18 00 57.9	-0.4
GRUS	Gruzu	3.00 325	ePn	Sb	18 00 57.9	-0.4
ANX	Ano Chora	3.02 198	P	Pb	18 00 58.5	-0.1
ANX	Ano Chora	3.02 198	P	Pb	18 00 58.5	-0.1
PDG	Podgorica	3.04 290	ePn	Sb	18 00 58.1	-0.8
PDG	Podgorica	3.04 290	ePn	Sb	18 00 58.1	-0.8
SIGR	Sigr	3.07 136	P	Pb	18 00 59.2	0.0
SIGR	Sigr	3.07 136	P	Pb	18 00 59.2	0.0
KUBS	Kucevo	3.13 341	ePn	Sb	18 01 00.5	+0.4
KUBS	Kucevo	3.13 341	ePn	Sb	18 01 00.5	+0.4
SRE	Strehaia	3.19 111	P	Pb	18 01 09.9	-1.4
SRE	Strehaia	3.19 111	P	Pb	18 01 56.0	+3.3
KRBG	Karabiga-Canak	3.24 107	ePn	Sb	18 01 04.5	+1.6
KRBG	Karabiga-Canak	3.24 107	ePn	Sb	18 01 04.5	+1.6
TRUS	Trudelj	3.41 325	ePn	Sb	18 01 03.5	-0.3
TRUS	Trudelj	3.41 325	ePn	Sb	18 01 46.7	+2.1
TRUS	Trudelj	3.41 325	ePn	Sb	18 01 03.5	-0.3
TRUS	Trudelj	3.41 325	ePn	Sb	18 01 46.7	+2.1
LTK	Loutraki	3.44 182	P	Pb	18 01 03.8	-0.6
LTK	Loutraki	3.44 182	P	Pb	18 01 03.8	-0.6
MDVR	Moldovita	3.47 343	iPn	Sb	18 01 03.9	-0.9
MDVR	Moldovita	3.47 343	iPn	Sb	18 01 59.8	-1.7
MRMT	Marmara Adasi	3.49 103	ePn	Sb	18 01 06.4	+1.4
MRMT	Marmara Adasi	3.49 103	ePn	Sb	18 01 06.4	+1.4
DIVS	Divibare	3.50 320	ePn	Sb	18 01 04.6	-0.6
DIVS	Divibare	3.50 320	ePn	Sb	18 01 04.6	-0.6
KLV	Kalavryta, Ach	3.50 193	P	Pb	18 01 06.0	+0.8
KLV	Kalavryta, Ach	3.50 193	P	Pb	18 01 06.0	+0.8
BBLs	Lazikć	3.64 312	ePn	Sb	18 01 07.2	0.0
BBLs	Lazikć	3.64 312	ePn	Sb	18 01 07.2	0.0
EDC	Edinick	3.76 106	ePn	Sb	18 01 10.7	+2.0
EDC	Edinick	3.76 106	ePn	Sb	18 01 10.7	+2.0
CTYL	Yalikoy Yolu	3.88 88	ePn	Sb	18 01 12.2	+1.9
CTYL	Yalikoy Yolu	3.88 88	ePn	Sb	18 01 12.2	+1.9
SULR	Sulra	3.94 34	S	Sg	18 02 17.3	+0.6
SULR	Sulra	3.94 34	S	Sg	18 02 17.3	+0.6
DID	Didima	3.96 179	P	Pb	18 01 10.1	-1.4
DID	Didima	3.96 179	P	Pb	18 01 10.1	-1.4
TEKS	Tekeris	4.06 321	ePn	Sb	18 01 12.8	0.0
TEKS	Tekeris	4.06 321	ePn	Sb	18 01 12.8	0.0
SECR	Serres	4.16 319	P	Pb	18 01 14.9	-0.1
SECR	Serres	4.16 319	P	Pb	18 01 14.9	-0.1
VOIR	Voiron	4.21 191	P	Pb	18 02 24.0	-1.2
VOIR	Voiron	4.21 191	P	Pb	18 02 24.0	-1.2
BZS	Buzias	4.29 346	iPn	Sb	18 01 15.1	-0.9
BZS	Buzias	4.29 346	iPn	Sb	18 02 26.9	-0.9
MSAB	Monastery St. A	4.34 51	S	Sg	18 02 26.5	-2.9
MSAB	Monastery St. A	4.34 51	S	Sg	18 01 20.4	+2.1
KLYT	Klytos	4.72 141	P	Pb	18 01 23.0	+1.0
KLYT	Klytos	4.72 141	P	Pb	18 01 23.0	+1.0
TIRR	Tirgusor	4.90 51	iPn	Sb	18 01 44.1	+0.2
TIRR	Tirgusor	4.90 51	iPn	Sb	18 02 43.8	-3.5
TIRR	Tirgusor	4.90 51	iPn	Sb	18 02 43.8	-3.5
TIRR	Tirgusor	4.90 51	iPn	Sb	18 01 26.6	+2.0
SILT	Sile	4.92 92	ePn	Sb	18 01 26.6	+2.0
SILT	Sile	4.92 92	ePn	Sb	18 01 26.6	+2.0
PLOR	Plostina	5.07 291	iPn	Sb	18 01 28.5	+1.7
VRI	Vrincioiaia	5.12 291	iPn	Sb	18 01 29.3	+2.0
VRI	Vrincioiaia	5.12 291	iPn	Sb	18 02 56.8	+2.5
CFR	Caracali	5.21 43	S	Sg	18 02 54.6	-2.6
CFR	Caracali	5.21 43	S	Sg	18 02 54.6	-2.6
TVSB	Tavsanli	5.24 111	ePn	Sb	18 01 30.8	+1.7
TVSB	Tavsanli	5.24 111	ePn	Sb	18 01 30.8	+1.7
GULT	Gulveren	5.69 98	ePn	Sb	18 01 37.8	+2.5
GULT	Gulveren	5.69 98	ePn	Sb	18 01 35.1	-0.9
PKSM	Moragy	5.75 327	ePn	Sb	18 01 35.7	-0.8
PKSM	Moragy	5.75 327	ePn	Sb	18 01 35.2	-0.8

NIED 07 18:20:00, 30.50N, 142.10E, h5km, Mw4.0 Best double couple
 1.54, 0.0000°. NP2=0.12, 0.0000°. δ67.0000°. λ. 108.0000°.
 ISCJB 07 18:20:54.2±0.6, 30.58N, 0.05:142.1E±0.1, h23km,
 mb1.3/1.4, mb1mx3.6/5.9, mbtmp3.8/14, ML3.4/2, MS3.0/4,
 az=163.8
 JMA 07 18:20:54.1±0.2, 30.45N, 142.07E, h48km, M4.1
 IDC 07 18:20:58.3±2.5, 30.43N, 142.02E, h45km, 24km, mb3.6/11,
 mb1.3/1.4, mb1mx3.6/5.9, mbtmp3.8/14, ML3.4/2, MS3.0/4,
 M=1.3/0.4, ms1mx2.6/4.0, Error ellipse: s-maj=27.4km
 s-min=15.2km az=75.0
 ISC 07 18:20:55.3±0.7, 30.45N, 0.06:142.1E±0.1, h23km, n27,
 c1937/34, mb3.9/11, Southeast of Honshu

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
JHJ2	Mitsune	3.27 325	P	18 21 44.4	-0.7
JCJ	Chichijima	3.35 178	P	18 21 48.1	+1.9
CCJ	baz=315,slow=20		S	18 22 22.6	-2.6
BS01	15nm,0.3s,baz=294,slow=22,SNR=4.8		P	18 21 58.8	+0.1
BS01	Boso 1	4.29 348	P	18 22 46.6	-1.1
BS04	Boso 3	4.53 344	P	18 22 05.9	+0.5
BS04	Boso 4	4.75 343	P	18 22 59.2	-0.6
JOD2	Odawara 2	5.41 333	P	18 22 14.8	+0.2
JOD2	JOD2		S	18 23 14.8	-1.4
JHU	Hanno	5.87 337	eS	18 22 20.0	-0.7
JYT	Yasato	5.97 345	P	18 22 27.0	-2.8
JYJ	Ryogami san	6.15 335	P	18 22 25.1	-1.9
JHO	Hitachi	6.27 349	P	18 22 24.5	-1.9
JAG	Ashikaga	6.34 341	P	18 22 25.6	-0.8
MJAR	Matsushiro Arr	6.87 333	P	18 22 34.9	+0.2
MJAR	2.3nm,0.3s,baz=159,slow=11,SNR=31		LR	18 25 23.3	
MAT	Matsushiro	6.87 333	P	18 22 35.0	+0.3
MAT	MAT		S	18 25 31.3	-0.9
JNU	Nakatsue	9.88 289	LR	18 27 01.9	
JOW	Gunigami	12.63 257	LR	18 28 47.1	
KSRs	Korea Array	13.64 305	P	18 24 09.8	+2.4
KSRs	0.1nm,0.3s,baz=115,slow=12,SNR=3.5		LR	18 29 01.0	
SOMN	Songino Array	32.29 313	P	18 27 23.2	+0.8
ZALV	Zalesovo Beam	46.92 317	P	18 29 24.5	+0.6
ZALV	0.7nm,0.5s,baz=89,slow=10,SNR=3.0		PcP	18 30 56.3	+0.1
MKAR	Makanchi Array	48.31 307	P	18 29 35.0	+0.2
WRA	Warramunga Arr	50.65 189	P	18 29 52.8	0.0
KURBB	Kurchatov Arra	50.66 313	P	18 29 52.5	-0.2
ASAR	Alice Springs	54.39 189	P	18 30 20.1	-0.3
ILAR	Eielson Array	54.85 30	P	18 30 25.1	+1.6
YKA	Yellowknife Ar	69.26 29	P	18 31 59.8	-0.3
FINES	FINES Array B	74.90 333	P	18 32 33.8	-0.2
NOA	NOFARS Array B	80.46 338	P	18 33 05.1	0.0
TXAR	Lajitas Array	93.68 53	P	18 34 10.4	-0.1
TXAR	0.3nm,0.8s,baz=305,slow=1.1,SNR=				

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like VRH Novokhoporsky, LPSR Galich ya Gora, ATAF Djebel Tarf, etc.

ISCJB 07 18:37:53.1±1.1, 40°60'N; 0°04'19.8'E; 0.1, h7km, Error ellipse: s-maj=11.2km s-min=5.3km az=173.3
CSEM 07 18:37:53.0±0.5, 40°58'N; 19°8'E; h2km, ML1.8, Error ellipse: s-maj=11.8km s-min=6.6km az=83.0
ATH 07 18:37:53.2, 40°62'N; 19°8'E; h2km, ML1.8, 3/8, Error ellipse: s-maj=4.9km s-min=1.5km az=303.0, Analyst: Papanikolaou ML Amplitudes are expressed in micrometres All distances are expressed in km
ISC 07 18:37:52.8±1.2, 40°59'N; 0°04'19.8'E; 0.07, h7km, n14, 4944/20, Albania

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like NEST Nestorio Iougenitsa, IGT IGT, IGT IGT, etc.

KRNET 07 18:53:34.9±0.1, 40°71'N; 74°00'E; h12km, mb2.7
NMC 07 18:53:35.9±1.6, 40°72'N; 74°02'E; h0km, mb3.6, mpv3.2
Error ellipse: s-maj=13.6km s-min=8.7km az=151.0
SOME 07 18:53:35.8, 40°60'N; 73°93'E; h20km
ISC 07 18:53:30.5±1.4, 40°51'N; 0°05'74.06'E; 0.02, h8km±17km, n50, r197/83, 29C-22D, Kyrgyzstan-Xinjiang border

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ARLS Aral, AML Almayashu, AML Almayashu, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MNAS 8.9nm,0.5s, MNAS Manas, MRKS Merke, etc.

ISC 07 18:58:10.4±1.7, 3°24'S; 145°08'E; h0km, mb3.6/3, mb1.4/0.4, mb1mx3.5/4.2, mbtmp3.7/4, ML4.0/1, MS3.1/1, Ms1.3/1.1, ms1mx2.3/3.0, Error ellipse: s-maj=92.1km s-min=27.4km az=121.0, Near north coast of New Guinea

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, ASAR Ache Springs, FITZ Fitzroy Crossi, etc.

SOME 07 19:04:18.7, 45°98'N; 79°30'E; h15km
NMC 07 19:04:20.0±1.2, 45°83'N; 79°74'E; h0km, mb2.7, mpv2.3, Error ellipse: s-maj=15.3km s-min=6.8km az=116.0
ISCJB 07 19:04:20.8±0.9, 46°01'N; 0°07'79.64'E; 0.09, h10km, Error ellipse: s-maj=12.3km s-min=5.8km az=136.6
ISC 07 19:04:17.5±1.2, 45°99'N; 0°06'79.43'E; 0.05, h10km, n14, r121/25, 4C-3D, Eastern Kazakhstan

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like KAPS Kapalaransa, KAPS Kapalaransa, TDK Taldygorghan, etc.

7d 19h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like DJR, MAKZ, MNBS, ARXS, MK08, etc.

NIED 07 19:05:00.27:00N:143:60E, h8km, Mw3.9 Best double couple: M6.890000*1014 NP130*301.00000*, d36.00000*, 1-132.00000*... NP230*168.00000*, d64.00000*, 1-64.00000*

IDC 07 19:05:02.0:0.7, 27:01N:143:89E, h0km, mb3.9/13, mb1 4.2/15, mb1mx3.9/54, mbtmp4.0/15, ML3.8/2, Ms1 2.9/2, ms1mx2.3/39, Error ellipse: s-maj=18.6km s-min=15.5km az=103.0

NEIC 07 19:05:03.5:0.3, 27:02N:143:85E, h10km, mb4.4/2, Error ellipse: s-maj=8.6km s-min=6.7km az=73.0

MOS 07 19:05:04.8:1.1, 27:09N:143:82E, h29km, mb4.4/7, Error ellipse: s-maj=19.1km s-min=8.2km az=109.3

ISCJBJ 07 19:05:05.6:0.5, 27:17N:143:78E, h33km, mb4.1/22, MS3.1/1, Error ellipse: s-maj=7.8km s-min=5.0km az=151.9

JMA 07 19:05:05.8:0.2, 27:05N:143:64E, h98km, M3.6, ISC 07 19:05:07.8:0.8, 27:18N:143:76E, h08, h35km, n51, 19:48:53, mb4.1/22, SC-2D, Bonin Islands region

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CBJJ, JJJ, JOD, JHU, etc.

2011 FEB

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like YKA, NVAR, R11A, etc.

IDC 07 19:20:58.6:2.7, 7:05S:128:16E, h0km, mb3.1/1, mb1 3.3/3, mb1mx3.1/42, mbtmp3.1/3, ML3.2/2, Error ellipse: s-maj=286.3km s-min=33.5km az=65.0, Banda Sea

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

ISCJBJ 07 19:27:51.6:0.3, 58:50N:103:152:40W:0.05, h69km, 3km, mb3.9/17, Error ellipse: s-maj=5.2km s-min=3.5km az=140.7

IDC 07 19:27:52.7:0.5, 58:50N:152:79W, h52km, 5km, mb3.7/16, mb1 3.8/20, mb1mx3.6/39, mbtmp3.9/20, MS3.1/4, Ms1 3.1/4, ms1mx2.7/56, Error ellipse: s-maj=12.2km s-min=8.3km az=81.0

NEIC 07 19:27:53.7:58:48N:152:47W, h48km, ML3.5(AEIC), After SWELL

ISC 07 19:27:53.4:0.6, 58:52N:103:152:49W:0.04, h59km, 5km, n98, 19:07:11/12, mb3.9/17, MS2.9/3, Kodiak Island region

Main station list table for Kodiak Island region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FOPK, FOPK, KADK, etc.

ISCJBJ 07 19:52:41.9:2.3, 21:109S:178:43W, h520km, 25km, mb3.2/4, mb1 3.7/7, mb1mx3.5/48, mbtmp4.3/7, Error ellipse: s-maj=38.9km s-min=21.3km az=141.0, Fiji Islands region

Main station list table for Fiji Islands region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AFI, DZM, URM, etc.

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

NIED 07 19:35:00.27:00N:143:70E, h5km, Mw3.5 Best double couple: M2.19000*1014 NP130*346.00000*, d25.00000*, 1-93.00000*... NP230*169.00000*, d65.00000*, 1-89.00000*

JMA 07 19:35:18.7:27:20N:143:74E, h32km, 5km, M3.6, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like CBJJ, JHH, JRY, etc.

IDC 07 19:52:41.9:2.3, 21:109S:178:43W, h520km, 25km, mb3.2/4, mb1 3.7/7, mb1mx3.5/48, mbtmp4.3/7, Error ellipse: s-maj=38.9km s-min=21.3km az=141.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like AFI, DZM, URM, etc.

ISCJBJ 07 19:52:54.5:0.6, 37:90N:104:27:24E:0.04, h6km, 7km, Error ellipse: s-maj=6.9km s-min=5.7km az=26.8

CSEM 07 19:52:54.5:0.2, 37:89N:27:22E, h10km, MD2.6, Error ellipse: s-maj=5.6km s-min=4.4km az=62.0

ISK 07 19:52:54.2:37:89N:27:26E, h6km, MD2.6

DDA 07 19:52:55.1:37:86N:27:23E, h7km, MD2.6

ISC 07 19:52:54.7:1.0, 37:89N:103:27:25E:0.03, h10km, 10km, n21, 09:30/28, Turkey

Main station list table for Turkey region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GCAM, GCAM, AYDB, etc.

BJJ 07 19:53:40.5:7:05S:155:35E, h415km, mb6.2/5, mB6.2/4

MOS 07 19:53:41.5:1.2, 7:00S:155:14E, h411km, mb5.9/59, MS5.4/15, Error ellipse: s-maj=6.4km s-min=5.3km az=95.2

ISCJBJ 07 19:53:41.7:0.4, 7:16S:102:155:23E:0.02, h413km, 4km, mb5.9/390, Error ellipse: s-maj=3.1km s-min=2.2km az=29.8

IDC 07 19:53:41.8:0.5, 7:13S:155:26E, h403km, 5km, mb5.4/41, mb1 5.4/44, mb1mx5.4/45, mbtmp6.2/44, Error ellipse: s-maj=6.5km s-min=5.0km az=68.0

NEIC 07 19:53:42.0:0.0, 7:16S:155:28E, h413km, Moment Tensor Solution. s34 Moment tensor: Scale 1018Nm, M0:0.85, M2:0.25, M3:0.30, M2:2.24, M0:0.68, M2:3.95; Best double couple: M5.30000*1018 NP130*142.00000*, d83.00000*, d61.00000*... NP230*169.00000*, d65.00000*, 1-165.00000*... Principal axes: T 4.8000, P1g5.0000*, Azm146.0000*; P 6.0500, P1g2.0000*, Azm265.0000*

NEIC 07 19:53:42.9:0.1, 7:15S:155:18E, h415km, mb5.9/224, ME6.4, MW6.4, MW6.4, MW6.4, Error ellipse: s-maj=4.2km s-min=4.1km az=116.0, Moment Tensor. s62 Moment tensor: Scale 1018Nm, M1:0.59, M2:0.49, M3:0.40; Best double couple: M5.30000*1018 NP130*142.00000*, d82.00000*, 173.00000*... NP230*169.00000*, d65.00000*, 1-153.00000*... Principal axes: T 4.8000, P1g5.0000*, Azm40.0000*; N 0.9400, P1g7.0000*, Azm151.0000*; P -5.7400,

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

Plg35.0000°, Azm253.0000°; Broadband fault plane solution: P waves, $N_{P1} = 15.00000^\circ, S_{P1} = 0.00000^\circ, \lambda_{P1} = 135.00000^\circ$; $N_{P2} = 150.00000^\circ, S_{P2} = 0.00000^\circ, \lambda_{P2} = 80.00000^\circ$. Principal axes: T $Plg54.0000^\circ$, Azm48.0000°; N $Plg0.0000^\circ$, Azm0.0000°; P $Plg34.0000^\circ$, Azm246.0000°; Depth from broadband displacement seismograms. Energy computed from BB mechanism.

NEIC Felt at Gizo, DJA 07 19:53:43.7±0.7, 7°S, 3°15'5E, h425km, 8km, M6.2/126, mb6.2/126, mB6.4/120, Mw(1b)6.2/120, Mw(6.2)39

GCMT 07 19:53:44.2±0.1, 7.04S, 155.34E, h426km, Mw(6.2)39, Moment Tensor Solution, s144, c39, s121, c213; Duration: 41 Moment tensor: Scale 10¹⁸Nm; $M_{11} = 0.92 \pm 0.2$; $M_{22} = 2.94 \pm 0.3$; $M_{33} = 3.86 \pm 0.3$; $M_{12} = 2.31 \pm 0.3$; $M_{13} = 0.69 \pm 0.3$; $M_{23} = 4.63 \pm 0.3$; Best double couple: $M_{11} = 0.1800 \times 10^{18}$, $N_{P1} = 144.00000^\circ$, $S_{P1} = 0.00000^\circ$, $\lambda_{P1} = 162.00000^\circ$; $N_{P2} = 142.00000^\circ$, $S_{P2} = 0.00000^\circ$, $\lambda_{P2} = 166.00000^\circ$. Principal axes: T 5.0430, Plg44.0000°, Azm26.0000°; N 1.9530, Plg28.0000°, Azm148.0000°; P -6.9930, Plg32.0000°, Azm258.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to mantle waves, cutoff=125s.

NEIC 07 19:53:57.5±0.0, 7.27S, 155.02E, h418km, Moment Tensor Solution, s103, Moment tensor: Scale 10¹⁸Nm; $M_{11} = 1.03$; $M_{22} = 3.70$; $M_{33} = 3.70$; $M_{12} = 1.96$; $M_{13} = 4.18$; $M_{23} = 1.88$; Best double couple: $M_{11} = 5.0000 \times 10^{18}$, $N_{P1} = 144.00000^\circ$, $S_{P1} = 0.00000^\circ$, $\lambda_{P1} = 162.00000^\circ$; $N_{P2} = 39.00000^\circ$, $S_{P2} = 0.00000^\circ$, $\lambda_{P2} = 163.00000^\circ$. Principal axes: T 4.4600, Plg46.0000°, Azm25.0000°; N 2.0300, Plg28.0000°, Azm148.0000°; P -6.5000, Plg31.0000°, Azm257.0000°.

ISC 07 19:53:42.9±0.2, 7.09S, 155.32E, 0.03, h415km, 1km, 145km: pP-P, n1779, c1955/2014, mb5.9/382, 72C-83D,

Bougainville-Solomon Islands region

Code	Station Name	A°	AZ°	Phase ID	ISC	h	m	s	Res
RABL	Rabaul	4.26	312	eP	P	19	55	00.2	+2.0
HNR	Honiara	5.14	117	eP	P	19	55	06.9	+0.1
HNR	Honiara	6.53	100	s	S	19	56	17.0	+1.6
HNR	Honiara	5.14	117	eP	P	19	55	06.0	-0.8
HNR	Honiara	5.14	117	eP	P	19	55	07.1	+0.3
HNR	Honiara	5.14	117	eP	P	19	56	17.0	+1.6
PMG	Port Moresby	8.40	254	eP	P	19	55	45.6	+3.1
PMG	Port Moresby	8.40	254	eP	P	19	57	23.6	+3.0
PMG	Port Moresby	8.40	254	eP	P	19	55	45.6	+3.1
PMG	Port Moresby	8.40	254	eP	P	19	55	45.4	+2.9
MANU	Manus Island	9.36	302	eP	P	19	56	47.3	+3.9
COEN	Coen	13.75	239	eP	P	19	56	44.5	+3.1
COEN	Coen	13.75	239	eP	P	19	56	44.5	+3.1
PATS	Pohnpei	14.16	12	eP	P	19	56	46.2	+0.4
PATS	Pohnpei	14.16	12	eP	P	19	56	46.1	+0.3
JAY	Jayapura	15.25	287	eP	P	19	56	58.2	+0.4
JAY	Jayapura	15.25	287	eP	P	19	59	40.2	+1.1
JAY	Jayapura	15.25	287	eP	P	19	56	58.7	+0.9
JAY	Jayapura	15.25	287	eP	P	19	57	01.4	+2.7
MTSU	Mount Surprise	15.63	213	eP	P	19	57	03.5	+1.8
CTA	Charters Tower	15.63	213	eP	P	19	59	51.5	+5.4
CTA	Charters Tower	15.63	213	eP	P	20	04	34.0	+3.5
CTA	Charters Tower	15.63	213	eP	P	19	57	03.3	+1.6
CTA	Charters Tower	15.63	213	eP	P	19	57	03.3	+1.6
GENI	Genyem	15.74	286	eP	P	19	57	03.4	+0.4
DZM	Mont Dzumac	16.36	145	eP	P	19	57	29.3	-1.4
DZM	Mont Dzumac	16.36	145	eP	P	20	04	40.1	+3.9
EIDS	Eidsvold	18.62	192	eP	P	19	57	32.8	-0.5
EIDS	Eidsvold	18.62	192	eP	P	19	57	32.8	-0.5
TARA	Tarawa	19.47	65	eP	P	19	57	40.0	-1.7
KWAJ	Kwajalein Atol	19.99	38	eP	P	19	57	46.2	-0.2
KWAJ	Kwajalein Atol	19.99	38	eP	P	19	57	46.2	-0.2
KWAJ	Kwajalein Atol	19.99	38	eP	P	19	57	49.0	+0.1
RMQ	Roma	20.27	197	eP	P	19	58	05.2	+2.4
KMPI	Kaimana, Papua	21.78	278	eP	P	19	58	06.0	+3.1
RKPI	Ransiki, Papua	21.79	284	eP	P	19	58	04.7	-0.5
QLP	Quilpie	22.07	207	eP	P	19	58	08.1	+2.6
MWPI	Mankwari, Pap	23.02	333	eP	P	19	58	13.5	-0.4
GUMO	Gumau	23.02	333	eP	P	20	04	49.7	+2.2
GUMO	Gumau	23.02	333	eP	P	19	58	12.7	-1.2
GUMO	Gumau	23.02	333	eP	P	20	04	49.7	+2.2
KADU	Kakadu	23.17	254	eP	P	19	58	15.2	-0.2
FKU	Fak Fak	23.25	279	eP	P	19	58	16.4	-0.5
ARMA	Armidale	23.46	188	eP	P	19	58	17.8	-0.1
ARMA	Armidale	23.46	188	eP	P	19	58	17.4	-0.5
FUNA	Funafuti	23.70	95	eP	P	19	58	18.6	-1.5
SAUI	Saumliki	23.83	266	eP	P	19	58	22.7	+1.4
SAUI	Saumliki	23.83	266	eP	P	19	58	22.7	+1.4
WRAB	Tennant Creek	24.01	236	eP	P	19	58	23.1	+0.2
WRAB	Tennant Creek	24.01	236	eP	P	19	58	22.7	-0.2
WRAB	Tennant Creek	24.01	236	eP	P	19	58	22.5	-0.4
WB2	Warramunga Arr	24.02	236	eP	P	19	58	22.6	-0.4
WRA	Warramunga Arr	24.03	236	eP	P	19	58	23.1	+0.1
WRA	Warramunga Arr	24.03	236	eP	P	20	02	08.0	-1.6
WRA	Warramunga Arr	24.03	236	eP	P	20	04	51.4	+1.1
WRA	Warramunga Arr	24.03	236	eP	P	20	31	26.0	
MTN	Manton Dam	24.48	255	eP	P	19	58	27.0	-0.1
MTN	Manton Dam	24.48	255	eP	P	19	58	27.1	-0.1
LHI	Lord Howe Isla	24.55	172	eP	P	19	58	27.4	-0.1
LHI	Lord Howe Isla	24.55	172	eP	P	19	58	27.7	+0.2
MSVF	Nonsau	24.56	118	eP	P	19	58	27.0	-0.8
SIJI	Sorong	24.77	283	eP	P	19	58	29.6	-0.1
SIJI	Sorong	24.77	283	eP	P	20	04	54.8	+2.3
SIJI	Sorong	24.77	283	eP	P	19	58	30.8	+1.1
SWI	Sorong	24.77	283	eP	P	19	58	30.8	+1.1
ANAU	Anatahan	25.15	338	eP	P	19	58	30.9	-2.1
PA2	Palau	25.25	304	eP	P	19	58	34.5	+0.5
BNDI	Bandanaira	25.41	274	eP	P	19	58	36.2	+0.8
SARN	Sarigan	25.45	338	eP	P	19	58	33.2	-2.5
CMSA	Cobar Meteorol	25.93	199	eP	P	19	58	39.1	-0.7

MGCD	Mangrove Creek	26.28	188	eP	P	19	58	43.0	+0.1
AS01	Alice Springs	26.31	229	eP	P	19	58	42.1	-1.3
AS31	Alice Springs	26.35	229	eP	P	19	58	42.6	-1.0
ASAR	Alice Springs	26.35	229	eP	P	19	58	42.7	-1.0
ASAR	Alice Springs	26.35	229	eP	P	20	02	44.9	-1.3
ASAR	Alice Springs	26.35	229	eP	P	20	04	58.2	-1.0
ASAR	Alice Springs	26.35	229	eP	P	20	08	51.4	+3.3
ASAR	Alice Springs	26.35	229	eP	P	20	31	15.1	
MSAI	Masohi	26.54	277	eP	P	19	58	46.6	+1.2
KRAI	Karang Ratu	27.07	277	eP	P	19	58	49.4	+1.3
KRAI	Karang Ratu	27.07	277	eP	P	19	58	51.1	+1.0
AAI	Ambon	27.21	276	eP	P	19	58	51.3	-0.1
AAI	Ambon	27.21	276	eP	P	19	58	51.6	+0.2
AAI	Ambon	27.21	276	eP	P	19	58	52.4	-0.3
STKA	Stekpa	27.37	206	eP	P	19	58	55.3	-0.9
STKA	Stekpa	27.37	206	eP	P	20	05	03.2	+2.1
STKA	Stekpa	27.37	206	eP	P	20	31	07.5	
STKA	Stekpa	27.37	206	eP	P	19	58	55.5	-0.7
STKA	Stekpa	27.37	206	eP	P	19	58	50.1	-6.1
STKA	Stekpa	27.37	206	eP	P	20	05	03.2	+2.1
STKA	Stekpa	27.37	206	eP	P	20	31	07.5	
STKA	Stekpa	27.37	206	eP	P	19	58	56.7	+0.6
H1S13	WAKE ISLAND Hy	27.79	24	eP	P	19	58	56.8	+0.6
H1S13	WAKE ISLAND Hy	27.79	24	eP	P	19	58	56.8	+0.6
H1S13	WAKE ISLAND Hy	27.79	24	eP	P	19	58	56.8	+0.6
YNG	Young	27.82	192	eP	P	19	58	57.5	+1.1
NLAI	Namlei	28.36	276	eP	P	19	59	03.4	+1.9
LBMI	Labuha	28.47	282	eP	P	19	59	04.6	+2.1
WAKE	Wake Island	28.49	23	eP	P	19	59	02.0	-0.5
CNB	Canberra Magne	28.62	190	eP	P	19	59	03.8	+0.2
CAN	Canberra	28.69	191	eP	P	19	59	04.2	0.0
CAN	Canberra	28.69	191	eP	P	19	59	04.2	0.0
TNTI	Ternate	28.96	285	eP	P	19	59	08.8	+2.0
TNTI	Ternate	28.96	285	eP	P	19	59	06.7	-0.1
SANI	Sanana	29.65	278	eP	P	19	59	14.1	+1.3
HTT	Hallett	30.30	208	eP	P	19	59	18.2	0.0
MILA	Mila	30.35	190	eP	P	19	59	20.3	+1.6
SOEI	Soe	30.82	263	eP	P	19	59	24.8	+1.6
SOEI	Soe	30.82	263	eP	P	19	59	23.6	+0.5
FITZ	Fitzroy Crossi	30.91	246	eP	P	19	59	22.7	-1.0
FITZ	Fitzroy Crossi	30.91	246	eP	P	20	00	47.6	+3.5
FITZ	Fitzroy Crossi	30.91	246	eP	P	20	05	15.5	+4.1
FITZ	Fitzroy Crossi	30.91	246	eP	P	19	59	22.6	-1.0
FITZ	Fitzroy Crossi	30.91	246	eP	P	19	59	22.6	-1.0
FITZ	Fitzroy Crossi	30.91	246	eP	P	20	00	47.6	+3.5
FITZ	Fitzroy Crossi	30.91	246	eP	P	20	05	15.5	+4.1
BBOO	Buckle								

Table with columns: Station, Name, Frequency, Power, and other technical details. Includes stations like MLZ Mavora Lakes, BUSP Coron, DRB Denpasar, etc.

Table with columns: Station, Name, Frequency, Power, and other technical details. Includes stations like CISI Cisompot, LEM Lembar, LEM Lembar, etc.

Table with columns: Station, Name, Frequency, Power, and other technical details. Includes stations like WHN Vladivostok, BKNK Bangkinang, BKNK Bangkinang, etc.

BRVK	Borovoye	92.63 323	eP	P	20 06 06.3	-2.4
BRVK	Borovoye	92.63 323	d/P	P	20 06 06.1	-2.7
BRVK	comp-Z, 121nm, 1.1s		pmax	pmax		
HEC	Hector Ludlow	92.65 55	P	P	20 06 10.4	+0.0
SHOC	Shoshone, Teco	92.82 54	P	P	20 06 11.7	+1.6
BELC	Belle Mtn, Jos	92.83 56	P	P	20 06 11.2	+0.9
SWSC	Sam W. Stewart	92.87 57	P	P	20 06 11.6	+1.3
TUQ	Turquoise Moun	93.05 55	P	P	20 06 11.7	+0.4
BMO	Blue Mountains	93.09 45	eP	P	20 06 10.9	-0.3
BMO	Blue Mountains	93.09 45	eP	P	20 06 10.9	-0.3
BMO	comp-Z, 92nm, 1.1s		pmax	pmax		
GMCR	Granite Mounta	93.19 56	P	P	20 06 12.7	+0.8
BC3	Big Chucckawall	93.24 57	P	P	20 06 13.4	+1.2
IRM	Iron Mountain	93.55 56	P	P	20 06 14.6	+1.1
NEW	Newport	93.61 42	P	P	20 06 13.7	+0.2
NEW	comp-Z, 55nm, 0.7s, baz=239,slow=4.8,SNR=38		PP	PP		
NEW	Newport	93.61 42	P	P	20 06 13.7	+0.2
NEW	comp-Z, 8.5nm, 0.9s, baz=228,slow=5.4,SNR=3.7		PP	PP		
NEW	Newport	93.61 42	eP	P	20 06 13.0	-0.5
NEW	comp-Z, 52nm, 0.7s					
R11A	Troy Canyon, C	93.64 52	P	PP	20 10 05.2	+0.2
R11A	comp-Z, 264					
R11A	Troy Canyon, C	93.64 52	eP	P	20 06 13.3	-0.7
R11A	comp-Z, 95nm, 0.9s					
LDFC	Landfair	93.67 55	eP	P	20 06 17.9	+3.8
GLA	Glamis	93.70 57	eP	P	20 06 15.5	+1.3
GLA	comp-Z, 251nm, 0.9s					
GLA	Glamis	93.70 57	eP	P	20 06 17.9	+3.7
GLA	comp-Z, 330nm, 0.9s					
GLA	Glamis	93.70 57	eP	P	20 06 17.9	+3.7
SHPR	Sheep Range	93.78 54	eP	P	20 06 16.0	+1.3
SHPR	comp-Z, 30nm, 0.9s					
MFID	Canas Ranch	93.99 47	eP	P	20 06 17.0	+1.6
MFID	comp-Z, 24nm, 0.9s					
Y12C	Blythe	94.02 57	P	P	20 06 18.1	+2.5
Y12C	comp-Z, 24nm, 0.7s					
NEE2	Needles Airpor	94.04 56	P	P	20 06 17.8	+2.1
NEE2	comp-Z, 264,SNR=12					
ELK	Elko	94.15 50	eP	P	20 06 17.0	+0.7
ELK	comp-Z, 149nm, 1.4s					
ELK	Elko	94.15 50	eP	P	20 06 17.0	+0.7
ELK	comp-Z, 149nm, 1.4s					
ELK	Elko	94.15 50	eP	P	20 06 17.0	+0.7
ELK	comp-Z, 149nm, 1.4s					
PDMC	Parker Dam, Lak	94.39 56	P	P	20 06 19.3	+2.0
PDMC	comp-Z, 264,SNR=30					
HLID	Hailey	95.03 47	P	P	20 06 21.0	+0.8
HLID	comp-Z, 265					
HLID	Hailey	95.03 47	eP	P	20 06 20.4	+0.2
HLID	comp-Z, 25nm, 0.8s					
BSMT	Bassoo Peak	95.13 43	eP	P	20 06 21.1	+0.5
BSMT	comp-Z, 31nm, 0.7s					
214A	Organ Pipe Nat	95.29 59	eP	P	20 06 22.4	+0.9
214A	comp-Z, 265					
214A	Organ Pipe Nat	95.29 59	eP	P	20 06 22.4	+0.9
214A	comp-Z, 7.7nm, 0.7s					
CCUT	Cedar City	95.31 53	eP	P	20 06 23.3	+1.6
CCUT	comp-Z, 73nm, 0.9s					
JTMT	Jette	95.46 43	eP	P	20 06 24.0	+2.0
JTMT	comp-Z, 7.0nm, 0.6s					
MSO	Missoula	95.62 44	P	P	20 06 23.7	+1.0
MSO	comp-Z, 266					
SWMT	Swartz Lake	95.64 43	eP	P	20 06 24.8	+1.8
SWMT	comp-Z, 14nm, 0.5s					
YBMT	Yellow Butte	95.65 43	eP	P	20 06 23.7	+0.9
YBMT	comp-Z, 9.7nm, 0.7s					
WALA	Waterloo Lakes	95.81 41	eP	P	20 06 24.3	+0.8
WALA	comp-Z, 121nm, 0.4s					
BGU	Big Grassy Mou	95.84 50	eP	P	20 06 24.8	+0.9
BGU	comp-Z, 26nm, 0.9s					
DUG	Dugway, Toeole	95.95 50	P	P	20 06 25.4	+0.9
DUG	comp-Z, 266					
DUG	Dugway, Toeole	95.95 50	eP	P	20 06 25.3	+0.9
DUG	comp-Z, 34nm, 1.0s					
DUG	Dugway, Toeole	95.95 50	eP	P	20 06 25.3	+0.9
DUG	comp-Z, 34nm, 1.0s					
HVU	Hansel Valley	96.09 49	eP	P	20 06 26.1	+1.1
HVU	comp-Z, 33nm, 1.0s					
HVU	Hansel Valley	96.09 49	eP	P	20 06 26.1	+1.1
HVU	comp-Z, 33nm, 1.0s					
HVU	Hansel Valley	96.09 49	eP	P	20 06 26.1	+1.1
HVU	comp-Z, 33nm, 1.0s					
MCMT	McKenzie Canyon	96.24 46	eP	P	20 06 28.4	+2.7
MCMT	comp-Z, 7.9nm, 0.8s					
YKA	Yellow Hat	96.27 28	P	P	20 10 33.2	+8.3
YKA	comp-Z, 51nm, 0.8s, baz=266,slow=4.4,SNR=91		PP	PP		
YKA	Yellow Hat	96.27 28	P	P	20 10 33.2	+8.3
YKA	comp-Z, 8.3nm, 0.9s, baz=271,slow=7.0,SNR=4.1		S	SKSac		
YKA	Yellow Hat	96.27 28	P	P	20 16 20.3	-0.4
YKA	comp-Z, 2.2nm, 1.0s, baz=280,slow=5.0,SNR=8		PKKPbc	PKKPbc		
YKA	Yellow Hat	96.27 28	P	P	20 23 08.0	-4.1
YKA	comp-Z, 4.9nm, 0.5s, baz=75,slow=2.6,SNR=41		PKPPK	PKPPK		
YKA	Yellow Hat	96.27 28	P	P	20 31 25.6	+1.9
YKA	comp-Z, 1.3nm, 1.1s, baz=86,slow=2.4,SNR=5.1		PP	P'df		
MSU	Marysville	96.32 52	eP	P	20 06 28.0	+1.8
MSU	comp-Z, 4.9nm, 0.3s					
MSU	Marysville	96.32 52	eP	P	20 06 28.0	+1.8
MSU	comp-Z, 4.9nm, 0.3s					
MSU	Marysville	96.32 52	eP	P	20 06 28.0	+1.8
MSU	comp-Z, 4.9nm, 0.3s					
EDM	Edmonton	96.42 37	eP	P	20 06 25.7	-0.4
EDM	comp-Z, 5.0nm, 0.3s					
EDM	Edmonton	96.42 37	eP	P	20 06 25.7	-0.4
EDM	comp-Z, 1.18nm, 0.7s					
EDM	Edmonton	96.42 37	eP	P	20 06 25.7	-0.4
EDM	comp-Z, 1.18nm, 0.7s					
DLMT	Dillon	96.46 45	eP	P	20 06 27.6	+1.0
DLMT	comp-Z, 28nm, 0.8s					
NLU	North Lily Min	96.50 51	eP	P	20 06 27.8	+0.9
NLU	comp-Z, 45nm, 0.9s					
LRM	Limekiln Ridge	96.59 45	eP	P	20 06 28.4	+1.1
LRM	comp-Z, 146nm, 0.8s					
HSIG	Huachuca	96.65 62	eP	P	20 06 29.5	+1.8
HSIG	comp-Z, 266					
WUAZ	Wupatki	96.76 55	eP	P	20 06 31.3	+3.1
WUAZ	comp-Z, 31nm, 0.9s					
MPU	Maple Canyon	96.84 51	eP	P	20 06 29.1	+0.6
MPU	comp-Z, 31nm, 0.9s					
HWUT	Hardware Ranch	96.98 49	eP	P	20 06 29.6	+0.5
HWUT	comp-Z, 32nm, 0.8s					
TUC	Tucson	97.03 58	Pdf	Pdf	20 06 30.7	+1.3
TUC	comp-Z, 29nm, 0.8s					
TUC	Tucson	97.03 58	eP	Pdf	20 06 32.5	+3.1
TUC	comp-Z, 7.3nm, 0.7s					
TUC	Tucson	97.03 58	eP	P	20 06 32.5	+3.1
TUC	comp-Z, 7.3nm, 0.7s					
HRY	Hotter Researc	97.06 44	eP	Pdf	20 06 30.6	+1.3
HRY	comp-Z, 23nm, 0.6s					
TMUT	Trail Mountain	97.12 51	eP	Pdf	20 06 31.0	+1.1
TMUT	comp-Z, 184nm, 0.9s					
BOZ	Bozeman (W)	97.15 45	eP	Pdf	20 06 31.3	+1.6
BOZ	comp-Z, 21nm, 0.7s					
BOZ	Bozeman (W)	97.15 45	eP	Pdf	20 06 30.2	+0.5
BOZ	comp-Z, 21nm, 0.7s					
BOZ	Bozeman (W)	97.15 45	eP	Pdf	20 06 30.2	+0.5
BOZ	comp-Z, 21nm, 0.7s					
QLMT	Earthquake Lak	97.25 46	eP	Pdf	20 06 32.0	+1.8
QLMT	comp-Z, 3.2nm, 1.1s					
AHID	Auburn Hatcher	97.39 48	eP	Pdf	20 06 32.3	+1.4
AHID	comp-Z, 34nm, 0.9s					
IMW	Indian Meadow	97.56 47	eP	P	20 06 31.7	0.0
IMW	comp-Z, 31nm, 0.8s					
YMR	Madison River	97.58 46	eP	Pdf	20 06 32.4	+0.7
YMR	comp-Z, 56nm, 0.8s					
REDW	Red Top Meadow	97.60 47	eP	Pdf	20 06 33.7	+1.8
REDW	comp-Z, 51nm, 1.2s					
SRU	San Rafael Swe	97.65 52	eP	Pdf	20 06 32.4	+0.3
SRU	comp-Z, 25nm, 0.8s					
SRU	San Rafael Swe	97.65 52	eP	Pdf	20 06 32.4	+0.3
SRU	comp-Z, 25nm, 0.8s					
SRU	San Rafael Swe	97.65 52	eP	Pdf	20 06 32.4	+0.3
SRU	comp-Z, 25nm, 0.8s					

YFT	Old Faithful	97.66 46	eP	Pdf	20 06 35.5	+3.4
YFT	comp-Z, 41nm, 0.7s					
SNOW	Snow King Moun	97.68 47	eP	Pdf	20 06 33.8	+1.6
SNOW	comp-Z, 22nm, 0.8s					
MOOV	Moosie Ponds	97.69 47	eP	Pdf	20 06 33.3	+1.0
MOOV	comp-Z, 21nm, 1.0s					
FLWY	Flagg Ranch	97.74 47	eP	Pdf	20 06 34.7	+2.2
FLWY	comp-Z, 32nm, 0.8s					
YNR	Norris Junction	97.78 46	eP	Pdf	20 06 35.5	+2.9
YNR	comp-Z, 39nm, 0.9s					
LOHW	Long Hollow	97.79 47	eP	Pdf	20 06 33.3	+0.6
LOHW	comp-Z, 12nm, 0.7s					
H17A	Grant Village	97.84 46	Pdf	Pdf	20 06 35.8	+2.8
H17A	comp-Z, 29nm, 0.8s					
H17A	Grant Village	97.84 46	eP	Pdf	20 06 36.2	+3.3
H17A	comp-Z, 29nm, 0.8s					
LKWY	Lake	97.97 46	eP	Pdf	20 06 35.4	+1.9
LKWY	comp-Z, 13nm, 0.6s					
LKWY	Lake	97.97 46	eP	Pdf	20 06 35.4	+1.9
LKWY	comp-Z, 13nm, 0.6s					
W18A	Petrified Fore	98.07 56	Pdf	Pdf	20 06 36.8	+2.7
W18A	comp-Z, 267					
SVE	Sverdlow	98.45 326	eP	Pdf	20 06 32.7	-2.3
SVE	comp-Z, 29nm, 1.0s					
EGMT	Eagleton	98.52 43	Pdf	Pdf	20 06 37.4	+1.7
EGMT						

KMBO	Kilima Mbogo	117.67 265	PKP	PKPpdf	20 11 41.7 -0.4
KMBO			ePKP	PKPKP	20 11 42.0 -0.1
KMBO			PKKPab	PKKPab	20 22 08.4 +0.9
BIDA	Albida	117.71 306	iP	PKPpdf	20 11 41.1 -0.2
ASF	Abjal at Asfar	117.75 303	PKP	PKPpdf	20 11 41.2 +0.6
ASF	comp=Z,13nm,0.7s,baz=53,slow=1.1		PKKPbc	PKKPab	20 22 06.6 -1.7
MARH	Has Al Marh	117.77 305	iP	PKPpdf	20 11 42.2 +0.4
AKASG	Malin Array Be	117.81 324	PKP	PKPpdf	20 08 01.0 -0.2
AKASG	comp=Z,0.3nm,0.3s,baz=56,slow=5.0,SNR=6.4		PKP	PKPpdf	20 11 40.3 -0.5
AKASG	comp=Z,1.9nm,0.6s,baz=59,slow=2.3,SNR=6.0		PKP	PKPpdf	20 13 00.8 -0.2
AKASG	comp=Z,1.8nm,0.6s,baz=55,slow=6.0,SNR=4.7		SKP	PKPpdf	20 14 36.4
AKASG	comp=Z,1.8nm,0.8s,baz=60,slow=2.4,SNR=9.4		PKP	PKPpdf	20 22 04.4 -0.6
AKASG	comp=Z,2.1nm,0.3s,baz=262,slow=2.5,SNR=11.4		PKPbc	PKPbc	20 11 38.9 -2.0
KIEV	Kiev	117.82 324	ePKP	PKPpdf	20 11 40.0 -0.9
KIEV	Kiev	117.82 324	iPKIP	PKPpdf	20 11 42.5 +0.7
TOTH	TOTAH	117.93 304	iP	PKPpdf	20 11 39.9 -1.4
HOPE	Hope Point	118.05 172	ePKP	PKPpdf	20 13 04.1 -1.7
DOOD	Dodoma, Tanzania	118.28 259	iP	PKPpdf	20 13 04.7 -1.7
DOOD			PKP	PKPab	20 11 42.0 -0.7
BRBR	Barbar	118.31 304	iP	PKPpdf	20 11 41.7 -1.1
CPCT	Cooper Creek	118.55 53	ePKP	PKPpdf	20 11 41.7 -1.1
CCSO	Alum Creek Sta	118.56 48	ePKP	PKPpdf	20 11 42.4 -1.0
BRTR	Keskin Array B	118.69 312	PKP	PKPpdf	20 11 42.4 -1.0
BRTR	comp=Z,1.9nm,0.9s,baz=115,slow=1.8,SNR=26.1		PKP	PKPbc	20 11 10.9 +3.1
BRTR	comp=Z,1.5nm,1.1s,baz=90,slow=4.9,SNR=7.5		PKPbc	PKPbc	20 22 01.1 -0.5
BRTR	comp=Z,9.7nm,0.7s,baz=224,slow=3.7,SNR=20.0		PKP	PKPbc	20 11 47.0 +3.3
MZUM	Mount Meron Ar	118.84 304	PKP	PKPpdf	20 11 43.3 -0.1
MZUM	comp=Z,1.3nm,0.5s,baz=74,slow=6.2,SNR=30.0		PKP	PKPbc	20 21 59.6 -1.2
MMAI	comp=Z,7.7nm,0.6s,baz=258,slow=2.5,SNR=11.4		PKPbc	PKPbc	20 11 43.5 -0.3
TZTN	Tazewell	119.07 52	ePKP	PKPpdf	20 14 42.9 +3.5
TKL	Tukaleechee C	119.10 53	SKP	SKPpdf	20 11 42.6 -1.6
TKL	comp=Z,1.01nm,1.0s,baz=173,slow=3.8,SNR=22.0		SKP	SKPpdf	20 11 44.7 +0.7
ANTO	Ankara	119.27 312	ePKP	PKPpdf	20 11 47.0 +2.6
ANTO	Ankara	119.27 312	PKP	PKPpdf	20 13 19.0 +5.8
ANTO	Suwali	119.47 330	ePKP	PKPpdf	20 22 07.0
SUU	Suwali	119.47 330	ePKP	PKPpdf	20 22 05.0 +1.3
SUU	Suwali	119.47 330	PKP	PKPpdf	20 49 00.0
KIS	Kishinev	119.57 321	iPKP	PKPpdf	20 55 50.0
KIS			PKP	PKPpdf	20 11 47.0 +2.6
KIS			eSS	SS	20 15 44.0
KIS			SS	SS	20 29 05.0 +1.3
MILM	Milestii Mici	119.61 321	iPKP	PKPab	20 21 59.6 -0.1
HFS	Hagfors	119.71 339	PKP	PKPpdf	20 11 43.6 -0.7
HFS	comp=Z,1.6nm,0.6s,baz=79,slow=3.2,SNR=22.0		PKP	PKPbc	20 13 14.3 +0.7
SADO	Sadowa	119.80 42	PKPbc	PKPbc	20 21 56.0 -1.6
SADO	comp=Z,8.7nm,0.6s,baz=159,slow=3.3,SNR=4.9		PKPbc	PKPbc	20 21 58.6 +1.4
EIL	Eilat	119.80 42	PKPbc	PKPbc	20 11 43.7 -0.8
EIL	comp=Z,30.0nm,1.0s,baz=298,slow=4.5,SNR=12.0		PKPbc	PKPbc	20 11 47.5
DOMB	Dombas	119.81 342	ePKP	PKPpdf	20 11 44.8 -0.5
DOMB			IAMB	IAMB	20 11 44.8 -0.5
GOGA	Godfrey	119.83 56	ePKP	PKPpdf	20 11 44.4 -0.7
GOGA	Godfrey	119.83 56	ePKP	PKPpdf	20 11 44.0 -0.7
MOL	Molde	119.83 343	ePKP	PKPpdf	20 11 44.0 -0.7
NB2	NORSAR Subarra19.90 341	PKP	PKPpdf	PKPpdf	20 11 44.0 -0.7
NB2	comp=Z,26nm,0.8s,baz=41,slow=1.8		PKP	PKPpdf	20 11 44.0 -0.7
NB2	NORSAR Subarra19.90 341	PKP	PKPpdf	PKPpdf	20 11 43.9 -0.7
NB2	comp=Z,26nm,0.8s,baz=46,slow=1.9,SNR=4.0		PKP	PKPpdf	20 11 44.0 -0.7
NOA	comp=Z,1.2nm,1.1s,baz=35,slow=6.4,SNR=4.0		SKP	PKPbc	20 13 18.8 +3.9
NOA	comp=Z,7.2nm,0.8s,baz=44,slow=1.7,SNR=4.5		SKP	PKPbc	20 14 41.7
NOA	comp=Z,1.6nm,0.8s,baz=224,slow=4.3,SNR=3.4		SKP	PKPbc	20 22 01.8 +3.5
NOA	comp=Z,1.6nm,0.8s,baz=224,slow=4.3,SNR=3.4		SKP	PKPbc	20 25 23.6
NC602	NORSAR Array S 1200.340	PKP	PKPpdf	PKPpdf	20 11 43.3 -1.6
NC602	comp=Z,1.7nm,0.8s,baz=120,slow=5.1,SNR=3.6		PKP	PKPpdf	20 11 47.8
TIGA	Tifton	120.11 58	PKIPK	PKIPK	20 11 46.6 +0.6
TIGA	comp=Z,32nm,0.8s		PKIPK	PKIPK	20 11 46.0 +0.1
CSS	Mathiatis	120.11 58	ePKP	PKPpdf	20 11 45.1 -0.8
CSS	Mathiatis	120.12 306	P	PKPpdf	20 11 45.0 -0.8
CSS	Mathiatis	120.12 306	P	PKPpdf	20 11 45.0 -0.8
CSS	Mathiatis	120.12 306	ePKP	PKPpdf	20 11 45.0 -0.8
LEOM	Leova	120.14 320	iPKP	PKPpdf	20 11 45.8 +0.3
LEOM	Leova	120.14 320	iPKP	PKPab	20 21 55.2 -2.2
LEOM	Leova	120.14 320	PKIPK	PKPpdf	20 11 47.0 +0.3
ALLY	Aloshy Colie	120.19 46	ePKP	PKPpdf	20 11 45.7 -0.7
BOSA	Boshef	120.21 231	PKP	PKPpdf	20 11 46.6 +0.2
BOSA	comp=Z,4.1nm,0.7s,baz=122,slow=1.7,SNR=7.2		SKP	PKPbc	20 14 43.5
BOSA	comp=Z,1.9nm,0.7s,baz=86,slow=4.2,SNR=7.0		SKP	PKPbc	20 21 57.1 +1.1
BOSA	comp=Z,30nm,0.9s,baz=282,slow=2.9,SNR=18.0		PKPbc	PKPbc	20 11 46.2 +0.4
TLCR	TLCR	120.28 319	iPKP	PKPpdf	20 11 46.2 +0.4
TLCR	Aaknes	120.30 343	ePKP	PKPpdf	20 11 46.5 +1.1
AKN	AKN	120.30 343	ePKP	PKPpdf	20 11 47.2
AKN	comp=Z,64nm,0.8s		IAMB	IAMB	20 11 46.3 -0.7
JTS	JuntasAbangare	120.41 82	ePKP	PKPpdf	20 11 46.3 -0.7
JTS	JuntasAbangare	120.41 82	ePKP	PKPpdf	20 11 47.0 +0.3
SZAC	Soum	120.52 306	PKP	PKPpdf	20 11 46.5 -0.4
NS4A	Moraine Stea	120.52 46	PKIPK	PKPpdf	20 11 46.5 -0.4
M54A	Olii Creek Stat	120.58 46	PKIPK	PKPpdf	20 11 46.6 -0.4
KLNR	Kalinigrad	120.59 332	iPKIPK	PKPpdf	20 11 46.2 +0.1
ALFR	Alefka	120.66 307	P	PKPpdf	20 11 46.7 -0.2
CFR	Carcaiu	120.73 319	iPKIPK	PKPpdf	20 11 46.8 +0.1
CFR	Carcaiu	120.73 319	iPKIPK	PKPbc	20 21 52.9 -1.4
CFR	Carcaiu	120.73 319	iPKIPK	PKPpdf	20 11 46.8 +0.1
TIRR	Tirgusor	120.82 318	iPKIPK	PKPpdf	20 21 52.6 -1.3
TIRR	Tirgusor	120.82 318	iPKIPK	PKPpdf	20 11 46.5 -0.4
TIRR	Tirgusor	120.82 318	ePKP	PKPpdf	20 11 46.5 -0.4
TIRR	Tirgusor	120.82 318	iPKIPK	PKPpdf	20 11 46.5 -0.4
AKMC	Akamak	120.90 307	P	PKPpdf	20 11 47.9 +0.8
MANR	Mangalia	120.95 317	iPKP	PKPpdf	20 11 47.9 +0.8
MATP	Matop	121.02 241	PKP	PKPpdf	20 11 47.7 -0.5
MATP	comp=Z,94nm,0.7s,baz=145,slow=1.6,SNR=15.7		PKPbc	PKPbc	20 21 52.8 -0.0
PRAR	RASCA	121.09 322	iPKIPK	PKPpdf	20 11 47.6 +0.4
HARR	Harsova	121.05 319	iPKIPK	PKPpdf	20 11 47.9 +0.6
HARR	Harsova	121.05 319	iPKIPK	PKPpdf	20 11 47.9 +0.6
PETR	Petresti	121.09 320	iPKIPK	PKPpdf	20 11 48.2 +0.9
PETR	Petresti	121.09 320	iPKIPK	PKPbc	20 21 53.6 +0.9
TESR	Tescani	121.13 321	iPKIPK	PKPpdf	20 11 47.0 +0.3
KMSC	Kings Mountain	121.16 53	PKIPK	PKIPK	20 11 47.5 -0.3
KMSC	Kings Mountain	121.16 53	ePKP	PKPpdf	20 11 47.5 -0.3
KMSC	L'vov	121.17 325	iPKIPK	PKPpdf	20 13 24.8
L'vov			e	PKPpdf	20 11 47.5 +0.5
FOO	Preselesnti	121.27 317	P	PKPpdf	20 11 46.9 -0.5
FOO	Flo	121.32 344	ePKP	PKPpdf	20 11 46.9 -0.5
HYA	Hoyanger	121.35 343	ePKP	PKPpdf	20 11 46.9 -0.5
HYA			IAMB	IAMB	20 11 50.7
VRI	Vrincioia	121.35 320	iPKIPK	PKPpdf	20 11 47.6 -0.3
VRI	Vrincioia	121.35 320	iPKIPK	PKPbc	20 21 48.3 -3.7
VRI	Vrincioia	121.35 320	iPKIPK	PKPpdf	20 11 47.6 -0.3
MSAB	Moanstray St. A	121.35 318	iPKIPK	PKPpdf	20 11 47.2 -0.7
MSAB	Moanstray St. A	121.35 318	iPKIPK	PKPbc	20 21 53.4 +1.5
GREP	Plostinia	121.41 320	iPKIPK	PKPbc	20 21 51.5 -0.3
GREP	Plostinia	121.41 320	iPKIPK	PKPpdf	20 11 47.8 -0.2
PLOR	Plostinia	121.41 320	iPKIPK	PKPbc	20 21 50.0 -1.9
PLOR	Plostinia	121.41 320	iPKIPK	PKPpdf	20 11 47.8 -0.2
KONO	Kongsberg	121.47 340	ePKP	PKPpdf	20 11 47.2 -0.5
KONO			IAMB	IAMB	20 11 49.0
KONO	comp=Z,429nm,2.2s		ePP	PKPpdf	20 13 29.1 +3.6
BURAR	Bucovina Array	121.52 323	iPKIPK	PKPpdf	20 11 49.0 +0.7
BURAR	Bucovina Array	121.52 323	iPKIPK	PKPpdf	20 11 49.0 +0.7
SUR	Sutherland	121.55 225	ePKP	PKPpdf	20 11 48.1 -0.2
SCHQ	Schefferville	121.72 27	PKP	PKPpdf	20 11 48.1 -0.2
SCHQ	comp=Z,13nm,0.6s,baz=187,slow=3.5,SNR=19.0		PKP	PKPbc	20 13 26.4 -0.9
SCHQ	comp=Z,18nm,1.1s,baz=327,slow=5.9,SNR=6.2		PKPbc	PKPbc	20 21 51.9 +0.9
O56A	Blue Knob Stat	121.77 47	FKIPK	PKIPK	20 11 49.7 +0.6
ISR	Istrita	121.78 320	iPKIPK	PKPpdf	20 11 49.3 +0.5
ISR	Istrita	121.78 320	iPKIPK	PKPbc	20 21 50.3 -0.2
ISR	Istrita	121.78 320	iPKIPK	PKPpdf	20 11 49.3 +0.5
BEL	Belsk	121.87 329	ePKP	PKPpdf	20 11 49.3 +0.5
BEL	Belsk	121.87 329	ePKP	PKPpdf	20 11 49.3 +0.6
PRD	Provdia	121.98 317	P	PKPpdf	20 11 49.9 +0.8
MLR	Muntele Rosu	122.01 320	iPKIPK	PKPpdf	20 11 49.2 -0.1
MLR	Muntele Rosu	122.01 320	iPKIPK	PKPbc	20 21 48.4 -1.3
MLR	Muntele Rosu	122.01 320	iPKIPK	PKPpdf	20 11 49.2 -0.1
KWP	Kalwaria Pacla	122.01 326	iPKIPK	PKPpdf	20 11 49.5 +0.5
KWP	Kalwaria Pacla	122.01 326	iPKIPK	PKPpdf	20 11 49.3 +0.3
KWP	Kalwaria Pacla	122.01 326	ePKIPK	PKPpdf	20 11 49.6 +0.5
SEC	Secr	122.12 320	iPKIPK	PKPpdf	20 11 50.0 +0.6
SEC	Secr	122.12 320	iPKIPK	PKPbc	20 21 49.4 +0.3
STANDING	Standing Stone	122.14 319	ePKP	PKPpdf	20 11 47.9 -1.7
SUPA	Sufra	122.15 321	iPKIPK	PKPpdf	20 11 50.1 +0.6
ASK	Askoy	122.19 343	ePKP	PKPpdf	20 11 48.7 -0.3
ODDI	Odda	122.22 342	ePKP	PKPpdf	20 11 49.6 +0.4
BER	Bergen	122.23 343	ePKP	PKPpdf	20 11 49.6 +0.6
BER			IAMB	IAMB	20 11 50.1
BER	comp=Z,55nm,0.8s		ePP	PKPpdf	20 13 31.6 +1.2
ALR	ARCALIA	122.29 322	iPKIPK	PKPpdf	20 11 50.1 +0.5
BORG	Borgarnes	122.40 358	PKP	PKPpdf	20 11 49.0 -0.3
BORG	Borgarnes	122.40 358	PKP	PKPpdf	20 11 49.0 -0.3
BORG	Borgarnes	122.40 358			

7d 20h

Table with columns for station name, frequency, and various status codes. Includes stations like LAST, GRG, MLO, KORI, etc.

2011 FEB

Table with columns for station name, frequency, and various status codes. Includes stations like BFO, WLF, WLF, etc.

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Table with columns for station name, frequency, and various status codes. Includes stations like TBH, USTO, PCBR, etc.

Table with columns: SHO, Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ASAJ, KUR, YJSS, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IPIL, DCPH, PAGZ, etc.

MAN 07 20:38:28.850N:122:16E, h34km, mb3.8, ML2.6, MS2.2, 1C, Mindanao

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

DDA 07 20:41:48.8, 37:58N:144:03E, h8km, Md2.9

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

ISCJB 07 20:47:57.6, 0.3, 52:12N:0:10.176:88E:0.5, h100km, mb4.0/17, Error ellipse: s-maj=14.1km s-min=3.6km az=11.6

NEIC 07 20:47:58.2, 51:75N:176:68E, h85km, MG3.8(AEIC), After AEIC

ISC 07 20:47:58.7, 4.1, 52:08N:176:84E, h95km, 37km, mb3.7/17, mb1.3/9, mb1mx3.6/54, mbtmp4.1/19, Error ellipse: s-maj=20.9km s-min=12.2km az=173.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LSSA, LSPW, LSNW, etc.

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

DDA 07 20:38:53.8, 37:26N:131:01E, h6km, Md3.0

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

ISCJB 07 21:05:43.0, 5.39:12N:0:06:135:87E:0:07, h350km, mb3.2/9, Error ellipse: s-maj=8.4km s-min=6.8km az=26.9

JMA 07 21:05:43.2, 0.3, 39:04N:136:04E, h381km, 3km, az=10.0

IDC 07 21:05:43.6, 0.7, 39:04N:136:09E, h364km, 10km, mb3.1/6, mb1.3/2.10, mb1mx2.9/53, mbtmp3.8/10, Error ellipse: s-maj=19.8km s-min=11.4km az=69.0

ISC 07 21:05:44.3, 4.0, 39:08N:135:95E:0:08, h350km, n20, 0:134/25, mb3.3/6, Sea of Japan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JSD, JHK, MJAR, etc.

SCB 07 21:08:59.3, 0.5, 20:12S:66:31W, h255km, MI3.8, Error ellipse: s-maj=45.8km s-min=12.4km az=63.0

ISCJB 07 21:09:01.7, 0.4, 20:51S:0:04:66:68W:0:08, h248km, mb3.9/7, Error ellipse: s-maj=10.2km s-min=4.7km az=168.0

IDC 07 21:09:02.1, 0.9, 20:38S:66:33W, h230km, 9km, mb3.6/9, mb1.3/9, mb1mx3.6/37, mbtmp4.3/14, Error ellipse: s-maj=14.1km s-min=10.6km az=84.0

ISC 07 21:09:02.8, 0.6, 20:51S:0:05:66:73W:0:08, h248km, n31, 0:189/39, mb3.8/7, 2C, Southern Bolivia

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

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

SOME 07 21:16:07.6, 40:85N:74:95E, h5km

NINC 07 21:16:08.9, 1.6, 40:92N:74:88E, h0km, mb3.3, mpv2.9

Error ellipse: s-maj=14.7km s-min=7.3km az=134.0

KRNET 07 21:16:10.5, 0.1, 41:10N:74:98E, h10km, mb2.4

ISC 07 21:16:10.0, 1.3, 41:04N:74:98E:0:02, h11km, 10km, n47, 0:151/72, 25C-17, Kyrgyzstan

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SARN Sarigan, MJAR Matsushiro Arr, MAJO Matsushiro, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KUZU Kuzuini, KUZU KUZU, KERG Konya-Eregli, etc.

IDC 07 22:36:43.9d, 9.740S:156°91E, h0km, mb4.1/7, mb1 4.3/7, mb1mx3.9/42, mbtmp4.1/7, MS4.0/2, Ms1 4.1/2, ms1mx3.0/28, Error ellipse: s-maj=138.5km s-min=28.7km az=112.0, Bougainville-Solomon Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, H1133 WAKE ISLAND Hy 27.48, etc.

CSEM 07 22:40:53.3t, 1.0, 41°07'N:44°12'E, h2km, ML2.4, Error ellipse: s-maj=21.2km s-min=7.1km az=161.0 TIF 07 22:40:52.2, 41°08'N:44°12'E, h1km, ML2.1km, Western

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

ISCJB 07 22:25:37.0, 41°42'N:02°23'31E, h0km, 3km, Error ellipse: s-maj=3.2km s-min=2.5km az=163.3 THE 07 22:25:37.4, 41°41'N:23°33'E, h2km, ML2.6/14, Error ellipse: s-maj=0.8km s-min=0.4km az=118.0

CSEM 07 22:25:37.6, 0.1, 41°41'N:23°31E, h2km, ML2.5, Error ellipse: s-maj=2.6km s-min=2.4km az=56.0 ATH 07 22:25:37.0, 41°41'N:23°33'E, h20km, 1km, ML2.5/5, Error ellipse: s-maj=1.9km s-min=0.9km az=164.0, Analyst: Chousianitis ML Amplitudes are expressed in micrometres

All distances are expressed in km ISK 07 22:25:38.5, 41°34'N:23°31E, h5km, MD3.3 SKO 07 22:25:38.1, 41°43'N:23°31E, h0km, ML2, M2.7

BEU 07 22:25:30.2, 0.9, 41°45'N:23°14E, h15km, 4km, M3.0/8 IEO 07 22:25:37.4, 1.0, 41°42'N:02°23'33E, 0.01, h4km, 9km, n106, e083/157, 3C-4D, Greece-Bulgaria border region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AOS Alonnissos, SELS Selva, BOVS Bovan, etc.

DDA 07 22:33:16.7, 36°90'N:35°62'E, h7km, Md2.6 CSEM 07 22:33:18.8, 0.2, 37°00'N:35°61'E, h18km, 2km, MD2.6 Error ellipse: s-maj=8.1km s-min=4.4km az=34.0

ISK 07 22:33:18.8, 36°90'N:35°62'E, h9km, MD2.6 ISCJB 07 22:33:19.0, 0.4, 37°00'N:04°35'60E, 0.03, h19km, 6km, Error ellipse: s-maj=6.8km s-min=3.6km az=17.7

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

ISCJB 07 22:42:38.0, 0.3, 43°55'N:02°105'26W, 0.03, h0km, mb4.4/2, MS3.1/1, Error ellipse: s-maj=4.0km s-min=2.7km az=142.0

IDC 07 22:42:38.8, 1.0, 43°51'N:105°27W, h0km, mb4.2/2, mb1 3.8/6, mb1mx3.4/57, mbtmp3.5/6, ML3.0/3, MS3.0/2, Ms1 3.0/2, ms1mx2.6/59, Error ellipse: s-maj=19.9km s-min=9.9km az=151.0

NEIC 07 22:42:38.9, 0.5, 43°55'N:105°23W, h0km, ML3.3, Error ellipse: s-maj=5.9km s-min=5.8km az=99.0, Suspected Mining explosion. NEIC 86 km [53 miles] SSE of Gillette. ISC 07 22:42:38.2, 0.6, 43°47'N:02°105'24W, 0.02, h0km, n65, e149/75, Wyoming

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RSSD Black Hills, RSSD Black Hills, I25A Rochford, etc.

Table with columns: SNOW, Snow King Moun, 4.02 272 ePn, Pn, 22 43 42.5 +1.2, etc.

DDA 07 22:43:42.5, 39.74N, 35.48E, h7km, Md2.8
CSEM 07 22:43:43.2, 0.2, 39.72N, 35.51E, h2km, MD2.9, Error ellipse: s-maj=4.4km, s-min=3.3km, az=156.0

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

ISCJB 07 22:44:52.1, 0.1, 17.75S, 0.05:69.31W, 0.07, h162km, 6km, mb3.8/4, Error ellipse: s-maj=12.1km, s-min=6.5km, az=24.1

ISC 07 22:44:53.5, 1.2, 17.69S, 69.36W, h158km, 12km, mb3.6/5, mb1.3/7.9, mb1mx3.4/3.3, mbtmp4.1/9, MS2.9/1, Ms1.2/9.1, ms1mx2.6/1.9, Error ellipse: s-maj=20.5km, s-min=12.4km, az=96.0

SCB 07 22:44:54.1, 0.3, 17.28S, 69.11W, h174km, ML3.7/2, Error ellipse: s-maj=14.6km, s-min=8.5km, az=112.0

GUC 07 22:44:55.0, 0.4, 18.09S, 69.61W, h180km, 4km, ML3.7

ISC 07 22:44:52.8, 0.8, 17.75S, 0.05:69.33W, 0.08, h153km, 8km, n16, c155/25, mb3.8/4, 1C, Peru-Bolivia border region

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

Table with columns: PMSG, comp=N, 562nm, 0.4s, AML, AML, 22 45 55.4, etc.

ISC 07 22:45:02.7, 1.2, 14.14S, 166.54E, h0km, mb4.2/9, mb1.4/2.10, mb1mx4.0/3.9, mbtmp4.1/10, ML3.8/1, MS3.8/3, Ms1.3/9.3, ms1mx3.2/2.2, Error ellipse: s-maj=41.0km, s-min=19.8km, az=112.0

NEIC 07 22:45:06.4, 4.2, 14.15S, 166.46E, h25km, 29km, mb4.4/5, Error ellipse: s-maj=18.1km, s-min=13.2km, az=85.0

ISCJB 07 22:45:07.2, 0.7, 14.24S, 0.06:166.5E, 0.1, h43km, mb4.1/1.2, MS4.0/2, Error ellipse: s-maj=19.9km, s-min=8.5km, az=0.5

ISC 07 22:45:08.9, 0.9, 14.17S, 166.4E, 0.02, h43km, m24, c151/21, mb4.1/1.1, Vanuatu Islands

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

ISC 07 23:14:33.5, 1.1, 8.10S, 159.03E, h0km, mb3.7/5, mb1.3/8.6, mb1mx3.7/3.9, mbtmp3.7/6, ML3.5/1, Error ellipse: s-maj=30.6km, s-min=23.4km, az=65.0, Bougainville-Solomon Islands region

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

NNC 07 23:22:44.9, 0.9, 6.3638N, 71.00E, h0km, mb3.8, mvp3.4, 3C-2D, Error ellipse: s-maj=75.3km, s-min=45.7km, az=174.0, Hindu Kush region

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

ISCJB 07 23:24:47.8, 0.1, 51.18N, 0.08:179.77E, 0.05, h10km, mb3.5/5, Error ellipse: s-maj=12.2km, s-min=3.9km, az=3.8

ISC 07 23:24:47.9, 2.3, 51.41N, 179.79E, h0km, mb3.5/5, mb1.3/9.6, mb1mx3.5/5.9, mbtmp3.6/6, ML4.0/1, Error ellipse: s-maj=81.0km, s-min=21.5km, az=1.0

NEIC 07 23:24:49.5, 51.35N, 179.78E, h0km, ML3.5(AEIC), After

AEIC, ISC 07 23:24:49.2, 0.9, 51.34N, 0.10:179.77E, 0.03, h10km, n32, c057/29, mb3.7/5, Rat Islands

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

ISC 07 23:28:1.4, 0.1, 3.50, 26N, 173.58W, h0km, mb3.9/15, mb1.4/1.15, mb1mx3.8/3.63, mbtmp3.9/15, Error ellipse: s-maj=36.9km, s-min=16.9km, az=3.0

ISCJB 07 23:28:1.7, 8.0, 6.50, 46N, 0.07:173.53W, 0.06, h33km, mb3.9/14, Error ellipse: s-maj=9.6km, s-min=5.0km, az=14.6

NEIC 07 23:28:18.4, 50.45N, 173.51W, h20km, ML3.6(AEIC), After AEIC

ISC 07 23:28:19.9, 0.8, 50.49N, 0.10:173.50W, 0.04, h35km, n36, c151/43, mb3.9/14, Andean Islands

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

NSSC 07 23:35:39.8, 1.1, 38.40N, 44.64E, h0km, 786km, ML3.4

NSSC 07 23:35:43.7, 38.65N, 43.25E, h5km, Ms3.7

DNA 07 23:35:46.3, 38.55N, 43.39E, h5km, ML3.6

ISC 07 23:35:46.2, 38.49N, 43.30E, h5km, ML3.7

ISC 07 23:35:49.1, 1.1, 39.40N, 43.00E, h0km, mb3.8, mb1.3/3, mb1.3/2.7, mb1mx3.1/3.6, mbtmp3.2/7, ML3.0/4, Error ellipse: s-maj=38.1km, s-min=11.6km, az=162.0

CSEM 07 23:35:52.0, 0.2, 38.31N, 43.47E, h5km, ML3.7, Error ellipse: s-maj=8.5km, s-min=4.0km, az=151.0

AZER 07 23:35:54.2, 1.38, 11N, 43.94E, h2km, Error ellipse: s-maj=22.0km, s-min=15.2km, az=65.0

ISC 07 23:35:46.3, 0.8, 38.45N, 0.02:43.84E, 0.02, h2km, 8km, n120, c156/133, mb3.0/3, 25C-16D, Turkey

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

AGRB		eSN	Sn	23 36 29.7	0.0
SIRT	Sirmak	1.46 230	ePn	23 36 14.8	+0.7
SIRT	Sirmak	1.46 230	ePn	23 36 14.9	+0.7
SIRR	S-rrnak	1.48 230	iP	23 36 15.9	+1.3
SIRN	S-rrnak	1.48 230	iP	23 36 38.0	+4.2
PNBN	SNR=10	1.48 230	iP	23 36 15.9	+1.3
NAX	Nakhchivan	1.48 60	iP	23 36 14.5	-0.2
NAX			iS	23 36 40.0	+6.0
EKAR	Karacaban	1.60 301	iP	23 36 16.1	-0.9
EKAR	Karacaban	1.60 301	iP	23 36 16.1	-0.9
EATA	Eleskirt	1.75 324	iP	23 36 19.1	-0.8
EATA			iS	23 36 44.7	+2.1
EATA	Eleskirt	1.75 324	iP	23 36 19.1	-0.8
EATA			iS	23 36 44.7	+2.1
GNI	Garni	1.83 22	iP	23 36 19.3	-1.4
GNI			iS	23 36 23.8	+2.3
GNI			Lg	23 36 48.3	
GNI			LR	23 37 09.6	
GNI			Pb	23 36 19.5	-1.2
GNI			Pg	23 36 47.8	+2.6
BTMT	Batman	1.86 263	ePn	23 36 20.2	-0.9
BTMT	Batman	1.86 263	ePn	23 36 20.2	-0.9
VRTB	Varto-Mus	1.99 292	ePn	23 36 21.8	-1.5
VRTB	Varto-Mus	1.99 292	ePn	23 36 21.8	-1.5
SVAN	Silvan-Diyarba	2.10 263	ePn	23 36 23.4	-1.7
SVAN	Silvan-Diyarba	2.10 263	ePn	23 36 23.4	-1.7
BTM	Batman	2.10 255	iP	23 36 24.5	-0.5
BTM	Batman	2.10 255	iP	23 36 24.5	-0.5
BNGL	BINGOL	2.16 284	iP	23 36 25.5	-0.7
KARS	Kars	2.25 345	ePn	23 36 25.4	-2.4
VADZ	Vandzenis	2.27 40	iP	23 37 00.0	+1.9
ERZM	Erzurum	2.41 308	iP	23 36 29.6	-0.9
ERZM	Erzurum	2.41 308	iP	23 36 29.6	-0.9
STEZ	Stepenevan	2.58 100	ePn	23 36 27.4	-3.1
STEZ			iS	23 36 31.0	-2.4
STEZ			iS	23 37 11.0	+1.8
267	Mardin	2.67 149	iP	23 36 31.9	+0.9
GDB	GEDABAY	2.71 33	iP	23 36 38.3	+0.1
GDB			iS	23 37 15.7	+2.4
GDB	GEDABAY	2.71 33	iP	23 36 38.3	+0.1
GDB			iS	23 37 15.7	+2.4
MAZI	Mazidag	2.86 251	ePn	23 36 34.6	-3.5
MAZI			iP	23 36 41.4	+0.3
OZQ	Ozax, Azerbai	2.86 24	iP	23 37 23.5	+5.4
OZQ			iS	23 36 41.4	+0.3
OZQ	Ozax, Azerbai	2.86 24	iP	23 37 23.5	+5.4
OZQ			iS	23 36 41.4	+0.3
DIY	Diyarbakir	2.90 260	ePn	23 36 36.2	-2.6
GANJ	Ganja	2.91 41	iP	23 36 39.2	+0.2
GANJ			iS	23 37 23.1	+3.2
GANJ			Pb	23 36 39.2	+0.2
GANJ			S	23 37 23.1	+3.2
DYBB	Diyarbakir	2.95 261	ePn	23 36 36.2	-3.5
AKH	Akhalkalaki	2.96 355	iP	23 36 44.1	+1.0
AKH	Akhalkalaki	2.96 355	iP	23 36 44.1	+1.0
KBSD	Kabsdagh	2.98 242	iP	23 36 35.8	+1.1
KBSD			eS	23 37 17.6	+0.4
KBSD			AML	23 37 36.1	
KBSD			AML	23 37 45.0	
KBSD			Pn	23 36 35.8	+1.1
BRDA	Brd	3.16 54	iP	23 36 45.4	-1.5
BRDA			iS	23 37 28.1	+0.2
BRDA			Pb	23 36 45.4	-1.5
BRDA			S	23 37 28.1	+0.2
TBLG	Delisi	3.35 12	ePn	23 36 41.4	+1.7
TBLG	Delisi	3.35 12	iP	23 36 49.6	-0.8
TBLG	Delisi	3.35 12	iP	23 36 49.6	-0.8
ERZN	Erzincan	3.40 291	ePn	23 36 42.2	+1.7
MNGR	Mingechevir, A	3.42 46	iP	23 36 52.2	+0.4
MNGR			iS	23 36 52.2	+0.4
MNGR	Mingechevir, A	3.42 46	iP	23 36 52.2	+0.4
MNGR			iS	23 36 52.2	+0.4
BAYT	Ayd-ntepe-Bay	3.46 305	ePn	23 36 43.0	+1.7
BAYT	Ayd-ntepe-Bay	3.46 305	ePn	23 36 43.0	+1.7
ZRD	Zardab	3.50 57	iP	23 36 51.7	-1.6
ZRD			iS	23 37 35.3	-3.3
ZRD			Pg	23 36 51.7	-1.6
ZRD			S	23 37 35.3	-3.3
PTK	Pertek	3.50 279	ePn	23 36 43.7	+1.7
PTK	Pertek	3.50 279	ePn	23 36 43.7	+1.7
LRK	Lerik	3.54 86	iP	23 36 47.9	-1.8
LRK			iS	23 37 31.7	-1.4
LRK			Pb	23 36 47.9	-1.8
SFNV	Sufian	3.59 237	iP	23 36 44.5	+1.4
SFNV			eS	23 37 30.8	-3.9
SFNV			AML	23 37 50.8	
SFNV			AML	23 37 55.9	
SFNV			Pn	23 36 44.5	+1.4
GLBA	Glilab	3.65 76	iP	23 37 37.7	+1.6
GLBA			Sb	23 36 52.9	+1.5
GLBA			Pb	23 37 37.7	+1.6
SEKA	Sheki	3.78 42	iP	23 36 56.2	-2.5
SEKA			iS	23 37 44.9	-2.8
SEKA			Pg	23 36 56.2	-2.5
SEKA			S	23 37 44.9	-2.8
ZKTA	Zakatala	3.83 33	iP	23 36 58.3	-1.4
ZKTA			iS	23 37 49.1	-0.3
KDMR	Kurdemir	3.88 59	iP	23 36 56.4	+1.0
KDMR			iS	23 37 46.9	-3.9
KDMR			Pb	23 36 56.4	+1.0
KDMR			S	23 37 46.9	-3.9
LKRN	Lenkeran, Azer	3.88 85	iP	23 36 53.1	-2.4
LKRN			iS	23 37 42.7	-0.2
LKRN			Pb	23 36 53.1	-2.4
LKRN			S	23 37 42.7	-0.2
ASTR	Astara	3.89 87	iP	23 36 53.6	-2.0
ASTR			iS	23 37 44.3	+1.2
ASTR			Pb	23 36 53.6	-2.0
ASTR			S	23 37 44.3	+1.2
IML	Ismayilli	4.09 54	iP	23 36 59.6	+0.6
IML			iS	23 37 50.5	+1.6
IML			Pb	23 36 59.6	+0.6
IML			S	23 37 50.5	+1.6
URFA	Urfa	4.09 257	ePn	23 36 51.7	+1.8
URFA			ePn	23 36 51.7	+1.8
ONI	Oni	4.14 356	iP	23 37 00.7	+0.8
ONI			iS	23 37 00.7	+0.8
ONI			Pb	23 36 53.9	+2.1
ONI			ePn	23 36 53.9	+2.1
ILIC	ilic-Erzincan	4.22 285	ePn	23 37 03.9	+1.4
ILIC			iP	23 37 03.9	+1.4
XNQ	Xhinaliq	4.29 49	iP	23 37 03.9	+1.4
ALIB	Äi;li-Bayra	4.29 68	iS	23 37 53.4	-1.2
ALIB	Äi;li-Bayra	4.29 68	iS	23 37 53.4	-1.2
POL	Pirkuli	4.35 56	iP	23 37 04.1	+0.5
POL			iS	23 37 04.1	+0.5
MNKR	ALMINKUR	4.42 237	iP	23 36 56.4	+2.0
MNKR			eS	23 37 51.0	+4.5
MNKR			AML	23 38 24.6	

MNKR	comp=N,204nm,0.6s	AML	AML	23 38 32.5	
MNKR	ALMINKUR	4.42 237	iP	23 36 56.4	+2.0
CHVG	Ch'k vaieri	4.46 343	iP	23 37 14.1	+2.2
CUBA	Quba, Azerbaj	4.61 50	iP	23 37 08.2	+0.3
QUBA	Quba, Azerbaj	4.61 50	iP	23 37 08.2	+0.3
ATGJ	Altighaj	4.61 57	iP	23 37 08.1	+0.1
ATGJ	Altighaj	4.61 57	iP	23 37 08.1	+0.1
KSRV	Kasr alli	4.64 238	iP	23 37 03.3	-5.2
KSRV	Kasr alli	4.64 238	iP	23 37 03.3	-5.2
SIZA	Siyzn	4.70 55	iP	23 37 09.4	-0.1
SIZA	Siyzn	4.70 55	iP	23 37 09.4	-0.1
GOBA	Gobu	4.96 65	iP	23 37 12.1	-1.8
GOBA	Gobu	4.96 65	iP	23 37 12.1	-1.8
DARE	Darende-Malaty	4.98 273	ePn	23 37 05.3	+3.0
DARE	Darende-Malaty	4.98 273	ePn	23 37 05.3	+3.0
ROOS	Ros	6.80 233	iP	23 37 29.2	+2.1
ROOS	Il. alroos	6.80 233	iP	23 37 29.2	+2.1
BRTR	Keskin Array B	8.03 282	Pn	23 37 38.4	-5.7
ASF	Jabal al Asfar	8.45 224	Pn	23 37 55.8	+6.0
MMAI	Mount Meron Ar	8.74 234	Pn	23 37 59.8	+6.1
MMAI			Lg	23 40 35.7	
GEYT	Alibeck	11.26 88	Pn	23 38 39.7	+1.1
BVAR	Borovoye Array	23.39 43	Pn	23 40 58.7	+2.4
KURB	Kurchatov Arra	27.30 52	P	23 41 36.0	+3.8
MKAR	Makanchi Array	29.62 61	P	23 41 52.9	+3.3
MKAR			AML	23 42 27.3	
TIR	07 23:47:08.4, 0.403N, 20.52E, h16km, ML3.3				
THE	07 23:47:12.5, 0.4013N, 19.77E, h0km, 1km, ML2.6/10, Error ellipse: s-maj=1.5km s-min=0.7km az=266.0				
ATH	07 23:47:12.1, 0.4012N, 19.79E, h17km, 1km, ML2.7/3, Error ellipse: s-maj=1.5km s-min=0.9km az=100.0, Analyst: E. Daskalaki ML Amplitudes are expressed in micrometres All distances are expressed in km				
CSEM	07 23:47:12.3, 0.2, 0.4014N, 19.75E, h2km, ML2.6, Error ellipse: s-maj=4.5km s-min=3.0km az=67.0				
ISC	07 23:47:12.6, 1.0, 40.11N, 0.02, 19.78E, 0.02, h15km, 8km, n121, c1527/152, Albania				
KEK	Kerkira	0.40 178	P	23 47 20.6	-0.1
KEK			S	23 47 26.7	+0.6
KEK	Kerkira	0.40 178	P	23 47 20.6	-0.1
SGD	Sagiada	0.61 145	P	23 47 24.2	-0.3
SGD			S	23 47 32.5	+0.1
SGD	Sagiada	0.61 145	P	23 47 24.2	-0.3
SGD			S	23 47 32.5	+0.1
SGD	Sagiada	0.61 145	P	23 47 24.2	-0.3
SGD			S	23 47 32.5	+0.1
IGT	Igoumenitsa	0.71 144	P	23 47 25.9	-0.7
IGT			S	23 47 37.1	+0.7
IGT	Igoumenitsa	0.71 144	P	23 47 25.9	-0.7
IGT			S	23 47 37.1	+0.7
JAN	Janina	0.94 119	AML	23 47 48.2	
JAN			Pn	23 47 30.1	-0.5
JAN			Pb	23 47 44.7	+0.3
JAN			S	23 47 30.1	-0.5
JAN			S	23 47 44.7	+0.3
NEST	Nestorio	1.01 72	P	23 47 30.4	-1.5
NEST			Pb	23 47 30.8	-1.1
NEST			S	23 47 47.0	+0.6
NEST			S	23 47 30.8	-1.1
MEV	Metsovon	1.16 106	P	23 47 35.2	+0.2
MEV			Pb	23 47 35.2	+0.2
MEV	Metsovon	1.16 106	P	23 47 35.2	+0.2
MEV			Pb	23 47 35.2	+0.2
TIR	Tirane	1.24 3	iP	23 48 00.0	+7.3
TIR			iS	23 47 36.1	-0.4
TIR	Tirane	1.24 3	iP	23 48 00.0	+7.3
TIR			iS	23 47 36.1	-0.4
THR	Thrace	1.26 37	iP	23 47 35.4	-0.8
THR			iS	23 47 55.6	+2.1
OH	Ohrid	1.26 37	iP	23 47 35.4	-0.8
OH			iS	23 47 55.6	+2.1
FLN	Florina	1.39 61	P	23 47 37.8	-0.5
FLN			Pb	23 47 58.7	+1.2
FLN			S	23 47 37.8	-0.5
FLN			S	23 47 58.7	+1.2
FLN			S	23 47 37.8	-0.5
FLN			S	23 47 58.7	+1.2
DSL	Palaion Diasel	1.41 133	P	23 47 59.2	+1.2
DSL			Pb	23 47 59.2	+1.2
DSL	Palaion Diasel	1.41 133	P	23 47 59.2	+1.2
DSL			Pb	23 47 59.2	+1.2
LKD2	Lefkada island	1.48 153	P	23 47 40.3	+0.4
LKD2			Pb	23 47 40.3	+0.4
LKD2	Lefkada island	1.48 153	P	23 47 40.3	+0.4
LKD2			Pb	23 47 40.3	+0.4
KOZ	Kozani	1.53 82	P	23 48 02.6	-0.2
KOZ			Pb	23 48 02.6	-0.2
KOZ	Kozani	1.53 82	P	23 48 02.6	-0.2
KOZ			Pb	23 48 02.6	-0.2
KZN	Kozani	1.53 82	P	23 48 02.6	-0.2
KZN			Pb	23 48 02.6	-0.2
KZN	Kozani	1.53 82	P	23 48 02.6	-0.2
KZN			Pb	23 48 02.6	-0.2
KZN					

8d 1h

2011 FEB

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like KHC, KASPERSKA HORY, DAVA, WETZEL, etc.

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like LPSR, GALICH'YA GORA, ESDC, OBNI, etc.

Table with columns: Station, Frequency, Power, Mode, and other technical details. Includes stations like MNAS, AML, EKS2, ERKIN-SAY, etc.

8d 4h

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

2011 FEB

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

350

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

Table with columns for station code, name, frequency, and other technical details. Includes stations like TTSI, BKB, MMSI, JOW, etc.

Table with columns for station code, name, frequency, and other technical details. Includes stations like CMAR, XAN, PSI, FITZ, etc.

Table with columns for station code, name, frequency, and other technical details. Includes stations like H1N2, H1N3, TAPN, ODAN, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like KKAR, DZET, OTUK, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like AKASG, AKASG, KIEV, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other parameters. Includes stations like BUM, BUM, SGD, etc.

BEO 08:04:36:54.5:0.9, 40.84N:19:86E, h0km, M2.4/5
TIR 08:04:36:56.6, 41.29N:20:33E, h5km, M2.5
ATH 08:04:36:57.2, 41.30N:20:22E, h18km, M2.3/3, Error ellipse: s-maj=3.4km s-min=1.2km az=206.0, Analyst: diakogianni ML. Amplitudes are expressed in micrometres

ISCJB 08:04:50:42.5:0.4, 15.34N:0:06:145.61E:0:09, h150km, mb4, 1/37, Error ellipse: s-maj=12.1km s-min=8.1km az=177.1
IDC 08:04:50:46.3:0.7, 15.31N:145:161E, h172km, 6km, mb3.9/31, mb1 4.0/32, mb1mx3.9/46, mbtm4.3/32, Error ellipse: s-maj=13.3km s-min=7.6km az=177.1

Table with columns: Code, Station Name, Frequency, Mode, Power, and other parameters. Includes stations like GUMO, GUMO, JOW, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like AAK, ILAR, BKAR, etc.

IDC 08 04:54:40.6:1.5, 18.21S:67.02W, h256km, mb3.0/3, mb1 3.3/7, mb1mx3.1/27, mbtmp3.8/7, Error ellipse: s-maj=27.3km s-min=14.0km az=120.0, Central Bolivia

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like LVC, SIV, BDFB, etc.

CSEM 08 04:57:17.9:0.3, 39.81N:25.48E, h10km, MD2.9, Error ellipse: s-maj=6.9km s-min=6.2km az=38.0

ATH 08 04:57:17.3, 39.78N:25.43E, h18km, ML 1.7/2, Error ellipse: s-maj=4.3km s-min=1.2km az=331.0, Analyst: diakogianni ML Amplitudes are expressed in micrometres

ISCJB 08 04:57:17.1:1.1, 39.79N:03.25:46E:0.03, h14km, 10km, n34, c069/44, Aegean Sea

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like SGR, SGR, SGR, etc.

ISCJB 08 05:11:39.0:0.7, 10.46N:0.05:72.46W:0.04, h23km, 5km, Error ellipse: s-maj=9.2km s-min=4.7km az=146.8

RSNC 08 05:11:39.0:0.5, 10.75N:72.42W, h10km, 67km, ML3.2, FJUN 08 05:11:39.0:0.5, 10.75N:72.49W, h16km, MW3.1

ISC 08 05:13:39.4:1.1, 10.45N:0.05:72.43W:0.05, h19km, 3km, n19, c139/33, Venezuela

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like VIRV, VIRV, VIRV.

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like DABV, DABV, QARV, etc.

ISCJB 08 05:34:24.0:1.0, 39.99N:0.06:41.25E:0.05, h10km, 5km, Error ellipse: s-maj=9.5km s-min=6.5km az=173.9

CSEM 08 05:34:24.2, 39.97N:41.25E, h7km, MD2.7, DDA 08 05:34:24.2, 39.97N:41.25E, h7km, MD2.7

ISC 08 05:34:24.1:1.1, 39.94N:0.06:41.29E:0.04, h12km, 5km, n11, c064/21, Turkey

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like EZM, EZM, EZM, etc.

ISCJB 08 05:36:53.5:0.4, 26.71N:0.06:144.10E:0.7, h10km, mb4.3/44, Error ellipse: s-maj=9.5km s-min=7.8km az=146.3

MOS 08 05:36:53.9:1.2, 26.72N:144.07E, h13km, mb4.6/22, Error ellipse: s-maj=14.8km s-min=6.5km az=118.0

IDC 08 05:36:53.5:0.6, 26.65N:144.10E, h0km, mb4.1/25, mb1 4.3/29, mb1mx4.2/52, mbtmp4.2/29, ML 2.4/8, Error ellipse: s-maj=16.7km s-min=14.8km az=32.0

NEIC 08 05:36:55.1:0.3, 26.69N:144.10E, h10km, mb4.8/10, Error ellipse: s-maj=8.4km s-min=7.5km az=62.0

ISC 08 05:36:55.0:0.6, 26.65N:0.09:144.04E:0.08, h10km, n79, c104/79, mb4.4/44, 6C-40D, Bonin Islands region

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like CBIJ, CBIJ, CBIJ, etc.

ISCJB 08 05:37:18.7:0.7, 27.02N:143.43E, h0km, mb4.3/25, mb1 4.4/28, mb1mx4.3/49, mbtmp4.3/28, ML 4.1/3, MS3.2/2, Ms1 3.1/2, ms1mx2.6/39, Error ellipse: s-maj=17.1km s-min=14.5km az=178.0

MOS 08 05:37:19.1:0.9, 27.05N:143.43E, h14km, mb4.8/5, Error ellipse: s-maj=17.6km s-min=8.4km az=121.8

NEIC 08 05:37:20.3:0.3, 27.01N:143.43E, h10km, mb4.7/4, Error ellipse: s-maj=7.9km s-min=6.7km az=197.0

JMA 08 05:37:22.9:0.1, 27.43N:143.32E, h18km, 4km, M5.1, ISC 08 05:37:20.9:0.6, 27.17N:0.08:143.42E:0.06, h10km, n70, c087/74, mb4.5/39, Bonin Islands region

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like CBIJ, CBIJ, CBIJ, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, and other technical details. Includes stations like MKAR, MKAR, MKAR, etc.

IDC 08 05:37:18.7:0.7, 27.02N:143.43E, h0km, mb4.3/25, mb1 4.4/28, mb1mx4.3/49, mbtmp4.3/28, ML 4.1/3, MS3.2/2, Ms1 3.1/2, ms1mx2.6/39, Error ellipse: s-maj=17.1km s-min=14.5km az=178.0

MOS 08 05:37:19.1:0.9, 27.05N:143.43E, h14km, mb4.8/5, Error ellipse: s-maj=17.6km s-min=8.4km az=121.8

NEIC 08 05:37:20.3:0.3, 27.01N:143.43E, h10km, mb4.7/4, Error ellipse: s-maj=7.9km s-min=6.7km az=197.0

JMA 08 05:37:22.9:0.1, 27.43N:143.32E, h18km, 4km, M5.1, ISC 08 05:37:20.9:0.6, 27.17N:0.08:143.42E:0.06, h10km, n70, c087/74, mb4.5/39, Bonin Islands region

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like CBIJ, CBIJ, CBIJ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MNAS Manas, UCH Uchtor, KZA Kyzart, etc.

CASC 08 06:37:48.6:1.9, 8.61N, 82.99W, h6km, 7km, MD3.8, 3D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ACR Cerro Adams, PBCNC Punta Burica N, etc.

IDC 08 06:39:14.5:1.2, 3.05N, 127.87E, h0km, mb3.9/6, mb1.4/1.6, mb1mx3.7/4.7, mbtpr3.9/6, MS3.6/2, Ms1.3/6.2, ms1mx2.6/3.9, Error ellipse: s-maj=87.1km s-min=17.6km az=71.0

ISC/JB 08 06:39:25.1:0.8, 3.13N:0.06:127.92E:0.05, h100km, mb3.8/6, Error ellipse: s-maj=10.3km s-min=5.6km az=3.0

DJA 08 06:39:28.3:0.8, 3.17N:7.12E:9E, h104km, h100, M4.3/9, mb4.3/7, mb4.8/6, MLV4.9/MW(m)B4.0/6

ISC 08 06:39:26.5:0.9, 3.09N:0.08:127.90E:0.08, h100km, n22, c194D/23, mb3.8/6, Talaud Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GAMI Galeia, TNTI Ternate, SGTI Sorong, etc.

NEIC 08 06:43:31.8:0.4, 15.43S:172.17W, h10km, mb4.9/3, Error ellipse: s-maj=14.8km s-min=10.3km az=142.0

IDC 08 06:43:31.0:0.6, 15.36S:172.361W, h0km, mb4.2/14, mb1.4/1.4, mb1mx4.3/3.3, mbtpr4.3/1.4, MS3.6/1.1, Ms1.3/6.1, ms1mx3.4/3.2, Error ellipse: s-maj=26.8km s-min=13.2km az=129.0

ISC/JB 08 06:43:34.7:0.6, 15.25S:0.1:172.4W:0.1, h35km, mb4.3/18, MS3.7/10, Error ellipse: s-maj=22.0km s-min=7.7km az=39.1

ISC 08 06:43:36.0:0.6, 15.25S:0.1:172.4W:0.2, h35km, n57, c095/43, mb4.3/18, MS3.7/10, 3C-3D, Samoa Islands region

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

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RAR Manas, DZM Mow Dzumac, PPT Papeete, etc.

SOME 08 06:55:48.3:0.1, 41.98N:72.52E, h10km KRNET 08 06:55:48.3:0.1, 41.96N:72.49E, h20km, mb1.9

NINC 08 06:55:48.5:1.2, 42.02N:72.50E, h10km, 30km, mb2.7, mpv2.1, Error ellipse: s-maj=24.8km s-min=7.2km az=7.0

ISC 08 06:55:48.4:1.1, 41.99N:0.04:72.50E:0.02, h11km, n11km, n18, c0579/33, 22C-8D, Kyrgyzstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TOKL Toktagon, ARK Arkit, MNAS Manas, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ARLS baz=93, UCH Uchtor, AAK Ala-Archa, etc.

DDA 08 07:02:59.7:40.87N:35.98E, h7km, Md2.6 ISK 08 07:02:59.0:40.85N:36.02E, h6km, MD2.9

CSEM 08 07:03:00.0:40.87N:35.99E, h2km, MD2.9, Error ellipse: s-maj=4.4km s-min=3.4km az=91.0

ISC 08 07:03:01.1:0.1, 40.87N:0.02:35.98E:0.03, h8km, n11km, n24, c0542/42, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KVT Kavak, HAVZ Havza, SAMS Samsun-Alacam, etc.

KRNET 08 07:09:40.0:0.1, 39.23N:72.01E, mb2.9 NINC 08 07:09:43.5:2.0, 39.44N:71.97E, h2km, 12km, mb3.8

mpv3.4, Error ellipse: s-maj=14.8km s-min=5.2km az=135.0

ISC 08 07:09:38.1:1.9, 39.15N:0.09:72.29E:0.06, h33km, n15, c2515/23, 17C-11D, Kyrgyzstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BTK Batken, ARK Arkit, DZET Dzerhino, etc.

E25A	Miller Ranch, baz=269	17.43	72	P	Pn	07 48 37.3	-1.4
G25A	Newell baz=273	17.45	76	P	Pn	07 48 38.1	-0.8
D25A	Fairfield baz=267	17.51	70	P	Pn	07 48 39.4	-0.3
Q24A	Divide baz=292	17.56	97	P	Pn	07 48 40.5	-0.2
Q24A	Divide comp=Z,76nm,1.4s	17.56	97	ePn	Pn	07 48 41.1	+0.5
SDCO	Great Sand Dun baz=295	17.81	101	P	P	07 48 43.3	-0.3
SDCO	Great Sand Dun comp=Z,4nm,1.3s	17.81	101	ePn	P	07 48 44.7	+0.3
A25A	Svangstu Ranch baz=262	17.83	64	P	Pn	07 48 43.9	+0.4
J26A	Sides Ranch, S baz=279	17.89	82	P	Pn	07 48 44.2	-0.2
J26A	Lodgepole baz=272	17.94	74	P	Pn	07 48 44.9	-0.2
H26A	Fairpoint baz=275	17.95	78	P	Pn	07 48 44.7	-0.4
I26A	New Underwood baz=277	17.95	80	P	Pn	07 48 45.0	-0.1
G26A	Maurine baz=273	18.02	76	P	Pn	07 48 44.2	-1.8
E26A	Carlson Angus baz=264	18.08	72	P	Pn	07 48 46.0	-0.7
D26A	Manning baz=268	18.11	70	P	Pn	07 48 46.3	-0.7
B26A	Jensen Ranch, baz=264	18.34	66	P	Pn	07 48 49.9	+0.1
C26A	Wahner Farm, P baz=266	18.38	68	P	P	07 48 50.2	-0.2
F27A	Lemmon baz=272	18.40	74	P	P	07 48 50.0	-0.5
H27A	Howes baz=276	18.44	78	P	P	07 48 50.1	-0.9
G27A	Dupree baz=274	18.48	75	P	P	07 48 50.2	-1.3
I27A	Quinn baz=277	18.52	79	P	P	07 48 50.3	-1.6
A26A	Wade Farm, Ken baz=263	18.52	64	P	P	07 48 50.4	-1.5
ANMO	Albuquerque comp=Z,0.1nm,0.3s,baz=314,slow=11,SNR=14	18.53	110	P	Pn	07 48 54.3	+1.8
ANMO	Albuquerque baz=303	18.53	110	P	P	07 48 50.7	-1.6
ANMO	Albuquerque comp=Z,2.6nm,1.4s	18.53	110	eP	Pn	07 48 54.0	+1.5
ANMO	Albuquerque comp=Z,2.6nm,1.4s	18.53	110	iP	P	07 48 51.1	-1.2
J27A	Elkhorn Farm, baz=280	18.67	82	P	P	07 48 52.3	-1.4
E27A	Carson baz=271	18.70	72	P	Pn	07 48 54.3	0.0
Y22D	IRIS PASCALL I comp=Z,7.6nm,1.3s	18.72	113	eP	Pn	07 48 58.7	+4.0
D27A	Center baz=269	18.73	70	P	P	07 48 54.0	-0.2
C27A	Saylor Ranch, baz=267	18.77	68	P	P	07 48 53.4	-1.2
T25A	Trinidad baz=296	18.85	102	P	P	07 48 54.4	-1.4
T25A	Trinidad comp=Z,2.0nm,1.0s	18.85	102	eP	Pn	07 48 57.3	+0.9
319A	Douglas comp=Z,5nm,1.4s	18.97	124	eP	Pn	07 49 00.7	+3.0
B27A	Peters Farms, baz=265	18.98	66	P	P	07 49 57.7	0.0
121A	Cookes Peak, D baz=310	19.11	118	P	P	07 48 59.1	+0.5
121A	Cookes Peak, D comp=Z,53nm,1.5s	19.11	118	eP	Pn	07 49 01.4	+1.9
OGNE	Ogallala baz=286	19.17	89	P	P	07 48 59.1	-0.1
OGNE	Ogallala comp=Z,99nm,1.8s	19.17	89	eP	P	07 48 59.0	-0.2
H28A	Mission Ridge baz=274	19.18	77	P	P	07 48 59.7	+0.5
J28A	Allard Ranch, baz=279	19.20	81	P	P	07 48 59.2	-0.2
G28A	Parade baz=275	19.22	76	P	P	07 48 58.9	-0.7
K28A	Ten Mile Ranch baz=281	19.23	83	P	P	07 48 58.5	-1.3
F28A	McLaughlin baz=273	19.25	74	P	P	07 48 59.4	-0.4
L28A	Corneally Angus baz=283	19.27	85	P	P	07 48 58.8	-1.5
E28A	Huff baz=271	19.30	72	P	P	07 49 00.0	-0.4
K30C	Kaye Shedlock' baz=281	19.37	95	P	P	07 49 01.3	0.0
D28A	Regan baz=269	19.39	70	P	P	07 49 01.2	-0.2
M28A	Bar X Bar Ranc baz=265	19.53	87	P	P	07 49 02.3	-0.8
B28A	Dugan Ranch, T baz=266	19.59	66	P	P	07 49 02.2	-1.3
N28A	Pribbeno Ranch baz=287	19.61	89	P	P	07 49 02.8	-1.0
O28A	Krutsinger Ran baz=288	19.61	91	P	P	07 49 02.1	-1.8
A28A	Rude Farm, Bot baz=265	19.69	65	P	P	07 49 03.3	-1.4
HSIG	Onida baz=276	19.76	132	eP	Pn	07 49 08.0	+0.9
H29A	Vivian Onida baz=278	19.76	77	P	P	07 49 04.2	-1.3
I29A	Vivian Onida baz=278	19.78	79	P	P	07 49 05.2	-0.5
P28A	Saint Francis baz=293	19.80	93	P	P	07 49 05.7	-0.3
J29A	Okreek baz=280	19.86	81	P	P	07 49 05.4	-1.1
G29A	Hoven baz=275	19.91	76	P	P	07 49 05.7	-1.4
Q28A	Sharon Springs baz=291	19.93	94	P	P	07 49 06.6	-0.8
F29A	Eureka baz=274	19.93	74	P	P	07 49 07.6	+0.3
K29A	Lazy Trails An baz=281	19.98	83	P	P	07 49 07.5	-0.4
M29A	Burnside Ranch baz=265	20.02	87	P	P	07 49 07.4	-0.9
L29A	Maesberg Ranch baz=283	20.02	85	P	P	07 49 06.8	-1.5
E29A	Napoleon baz=272	20.03	71	P	P	07 49 07.4	-0.9
D29A	Pettibone, Tap baz=270	20.05	70	P	P	07 49 06.8	-1.9
MDND	Maddock baz=268	20.06	68	P	P	07 49 07.3	-1.4
FFC	Flin Flon comp=Z,7.4nm,1.0s	20.11	47	eP	P	07 49 09.6	+0.5
FFC	Flin Flon	20.11	47	P	P	07 49 09.6	+0.5
BMRM	Bremner River comp=Z,38nm,1.3s	20.18	336	eP	Pn	07 49 11.6	-0.3
R28A	Tribune baz=293	20.21	96	P	P	07 49 09.5	-1.1
N29A	Votaw Ranch, W baz=286	20.23	88	P	P	07 49 09.7	-1.0
B29A	Wagenman Farm, baz=267	20.25	66	P	P	07 49 10.9	+0.1
O29A	4D Ranch, Culb baz=288	20.32	90	P	P	07 49 10.3	-1.3
A29A	Manning Farm, baz=266	20.37	65	P	P	07 49 11.0	-1.0
S28A	Manter baz=294	20.46	98	P	P	07 49 12.8	-0.3
G30A	Faulkton baz=276	20.46	76	P	P	07 49 13.1	0.0
J30A	Dallas baz=280	20.47	81	P	P	07 49 12.2	-1.0
F30A	Leola baz=274	20.49	74	P	P	07 49 12.0	-1.4
YKA	Yellowknife Ar comp=Z,3.5nm,0.7s,baz=206,slow=11,SNR=29	20.49	18	P	P	07 49 13.4	+0.2
YKA	comp=Z,0.9nm,0.9s,baz=203,slow=21,SNR=47			PcP	PcP	07 53 22.7	-1.6
YKB5	Yellowknife Ar	20.49	18	eP	P	07 49 12.6	-0.6
K30A	Basset baz=282	20.51	83	P	P	07 49 12.9	-0.8
E30A	Jud baz=272	20.54	72	P	P	07 49 13.9	0.0

M30A	Dale-Ortello V baz=285	20.59	86	P	P	07 49 13.7	-0.8
L30A	Spencer Herefo baz=284	20.59	85	P	P	07 49 14.3	-0.3
Q29A	Oakley baz=291	20.61	94	P	P	07 49 14.5	-0.3
N30A	Hueftle Ranch, baz=286	20.62	88	P	P	07 49 14.6	-0.3
D30A	Buchanan baz=286	20.62	70	P	P	07 49 14.9	0.0
DIV	Divide comp=Z,18nm,1.1s	20.66	335	eP	P	07 49 15.7	+0.6
R29A	Marienthal baz=292	20.67	95	P	P	07 49 15.6	+0.1
SUSD	Miller baz=278	20.68	77	P	P	07 49 15.4	0.0
C30A	Mose, Pekin baz=288	20.81	68	P	P	07 49 16.4	-0.4
O30A	DIW Ranch, Wils baz=288	20.84	90	P	P	07 49 16.9	-0.3
P30A	Selden baz=290	20.91	92	P	P	07 49 17.9	-0.1
B30A	Myrvik Farm, E baz=268	20.94	66	P	P	07 49 18.7	+0.5
A30A	Hoffart Farm, baz=266	20.98	65	P	P	07 49 19.0	+0.3
KLU	Klutina comp=Z,25nm,1.2s	20.99	335	eP	Pn	07 49 20.1	-1.2
S29A	Ulysses baz=284	21.01	97	P	P	07 49 20.4	+1.3
H31A	Wolsey baz=294	21.01	77	P	P	07 49 19.8	+0.7
J31A	Geddes baz=281	21.02	81	P	P	07 49 20.0	+0.9
F31A	Hecla baz=274	21.03	73	P	P	07 49 18.5	-0.7
T29A	Hugoton baz=295	21.08	99	P	P	07 49 20.5	+0.6
KDAK	Kodiak Island comp=Z,7.89nm,20.9s,baz=109,slow=31	21.09	321	LR	LR	07 55 20.4	
G31A	Cotton baz=276	21.11	75	P	P	07 49 21.8	+1.7
Q30A	Quinter baz=291	21.13	93	P	P	07 49 21.5	+1.1
K31A	O'Neill baz=282	21.14	82	P	P	07 49 20.6	+0.2
MNTX	Cornudas Mount baz=309	21.21	116	P	P	07 49 23.5	+2.3
MNTX	Cornudas Mount comp=Z,10nm,1.1s	21.21	116	eP	Pn	07 49 24.0	+2.8
E31A	Nome baz=273	21.24	71	P	P	07 49 22.2	+0.7
M31A	Lambrecht Ranch baz=295	21.29	86	P	P	07 49 23.6	+1.6
C31A	Landman Farms, baz=270	21.32	68	P	P	07 49 23.1	+0.8
D31A	McClaffin, Tow baz=272	21.33	70	P	P	07 49 22.7	+0.3
R30A	Dighton baz=292	21.35	95	P	P	07 49 22.9	+0.2
O31A	Woolen Ranch, baz=288	21.38	89	P	P	07 49 23.2	+0.2
B31A	Greenbush Farm baz=297	21.39	66	P	P	07 49 23.3	+0.3
U29A	Oasis Ranch, S baz=297	21.41	100	P	P	07 49 24.1	+0.6
S30A	Montezuma baz=291	21.47	97	P	P	07 49 24.2	+0.2
CBKS	Cedar Bluff baz=291	21.54	93	P	P	07 49 26.6	+1.8
CBKS	Cedar Bluff comp=Z,16nm,0.8s	21.54	93	eP	P	07 49 25.8	+1.0
P31A	Stockton baz=290	21.55	91	P	P	07 49 26.2	+1.4
MSTX	Muleshoe baz=303	21.61	108	P	P	07 49 26.5	+0.9
G32A	Weber baz=276	21.61	75	P	P	07 49 27.1	+1.6
DAWY	Dawson comp=Z,28nm,1.0s	21.63	346	eP	P	07 49 25.8	+0.3
J32A	Parkston baz=281	21.64	80	P	P	07 49 27.7	+1.9
T30A	Plains baz=295	21.67	98	P	P	07 49 27.9	+1.6
SCM	Sheep Creek Mo comp=Z,128nm,1.8s	21.68	334	eP	P	07 49 27.4	+1.3
K32A	Verdigre baz=282	21.69	82	P	P	07 49 27.5	+1.1
Q31A	Ellis baz=291	21.72	92	P	P	07 49 27.3	+0.6
H32A	Carlson Farm, baz=278	21.75	77	P	P	07 49 28.4	+1.4
I32A	Karley and Nic baz=279	21.80	78	P	P	07 49 29.4	+1.9
F32A	Velton baz=275	21.81	73	P	P	07 49 29.5	+1.9
D32A	Dogwood Acres, baz=272	21.81	70	P	P	07 49 29.5	+1.9
U30A	WK&E Inc. Balk baz=293	21.82	99	P	P	07 49 29.2	+1.4
AMTX	Amarillo baz=300	21.88	104	P	P	07 49 29.9	+1.4
R31A	Burdett baz=292	21.89	94	P	P	07 49 29.7	+1.1
RC01	Rabbit Creek A comp=Z,33nm,1.2s	21.95	331	eP	P	07 49 26.9	-2.0
SML	Sawmill comp=Z,40nm,1.2s	21.99	333	eP	P	07 49 31.5	+2.1
PAX	Paxson comp=Z,14nm,1.3s	22.03	338	eP	P	07 49 29.9	0.0
P32A	Huiting Farm, baz=289	22.08	90	P	P	07 49 31.0	+0.4
PMR	Palmer comp=Z,35nm,1.4s	22.09	332	eP	P	07 49 30.9	+0.4
O32A	Brockman Farm, baz=288	22.11	88	P	P	07 49 31.7	+0.9
B32A	Ash, Strandg comp=Z,28nm,1.2s	22.13	66	P	P	07 49 32.0	+1.0
V30A	Spur Ranch, Mi baz=298	22.15	101	P	P	07 49 31.8	+0.4
A32A	Rocking H Ranc baz=289	22.17	65	P	P	07 49 31.7	+0.3
S31A	Mullinville baz=294	22.19	96	P	P	07 49 32.6	+0.9
H33A	Prehn Over Nor baz=278	22.21	76	P	P	07 49 33.1	+1.1
DOT	Dot Lake comp=Z,63nm,1.4s	22.23	341	eP	P	07 49 33.2	+1.2
T31A	Randall Ranch, baz=295	22.27	97	P	P	07 49 34.0	+1.4
J33A	Davis baz=281	22.28	80	P	P	07 49 33.3	+0.6
Q32A	Meitler Ranch, baz=291	22.33	92	P	P	07 49 34.1	+0.9
G33A	Ortonville baz=277	22.36	75	P	P	07 49 33.9	+0.4
F33A	5 Mile Ranch, baz=276	22.39	73	P	P	07 49 34.3	+0.4
R32A	Long Quarter, baz=289	22.43	93	P	P	07 49 34.9	+0.6
ECSD	EROS Data Cent baz=280	22.45	79	P	P	07 49 35.2	+0.6
ECSD	EROS Data Cent comp=Z,39nm,1.2s	22.45	79	eP	P	07 49 35.8	+1.2
U31A	Nine Bar Ranch baz=297	22.46	99				

8d 7h

H36A	Jessenland, He	24.21	76	P	P	07 49 52.8 +0.7
K36A	Gilmore City	24.23	81	P	P	07 49 52.4 +0.1
G36A	St. Michael	24.24	74	P	P	07 49 52.5 +0.1
I36A	Fitzsimmons Fa	24.25	77	P	P	07 49 52.5 0.0
Z32A	Haskell	24.27	105	P	P	07 49 52.0 -0.7
M36A	Felix, Anita	24.28	83	P	P	07 49 53.0 +0.2
R35A	Emporia Municipi	24.29	92	P	P	07 49 52.3 -0.6
X33A	Lawton	24.31	102	P	P	07 49 53.5 +0.4
F36A	Milaca	24.32	73	P	P	07 49 52.2 -0.8
HPIG	comp=Z,35nm,1.3s	24.36	126	eP	P	07 49 55.4 +1.7
MDM	Murphy Dome	24.36	339	eP	P	07 49 55.1 +1.8
V34A	Guthrie	24.39	98	P	P	07 49 54.3 +0.5
V34A	Guthrie	24.39	98	eP	P	07 49 55.1 +1.3
E36A	McGregor	24.43	71	P	P	07 49 54.3 +0.3
D36A	Goodland	24.43	69	P	P	07 49 54.0 -0.1
S35A	Otter Creek Ra	24.46	93	P	P	07 49 54.9 +0.5
Z31A	Bronte	24.46	109	P	P	07 49 54.6 +0.1
W34A	Bridge Creek,	24.49	100	P	P	07 49 54.9 +0.3
BPW	Bear Paw Mtn.	24.49	335	eP	P	07 49 54.0 -0.4
Y33A	Hilltop Ranch,	24.49	103	P	P	07 49 55.0 +0.3
ABTX	Ablene, Hawle	24.53	107	P	P	07 49 55.8 +0.7
ABTX	Ablene, Hawle	24.53	107	eP	P	07 49 56.0 +0.9
P36A	Good Intent, A	24.55	88	P	P	07 49 56.1 +1.0
O36A	Bolkow	24.55	87	P	P	07 49 56.3 +1.1
Q36A	Arnold C. Orve	24.59	90	P	P	07 49 55.7 +0.1
C36A	Pine Crest Far	24.62	68	P	P	07 49 55.4 -0.3
T35A	Sooner Cattle	24.63	95	P	P	07 49 56.2 +0.2
I37A	Lemond, Waseca	24.69	77	P	P	07 49 56.7 +0.2
U35A	Pawnee	24.71	96	P	P	07 49 57.1 +0.4
J37A	Redenius Farm,	24.72	79	P	P	07 49 57.0 +0.2
X34A	Smith Ranch, M	24.75	101	P	P	07 49 57.8 +0.7
Z33A	Whitaker Ranch	24.78	105	P	P	07 49 57.7 +0.3
K37A	Belmond	24.78	80	P	P	07 49 57.5 +0.2
R36A	Gordon, Harris	24.80	91	P	P	07 49 58.0 +0.5
SPMN	Marine on St.	24.90	74	P	P	07 49 58.4 0.0
SPMN	Marine on St.	24.90	74	eP	P	07 49 59.0 +0.7
V35A	Meyer Ranch, C	24.91	98	P	P	07 49 58.3 -0.2
D37A	Cotton	24.94	69	P	P	07 49 57.9 -0.8
Z32A	Coleman	24.95	108	P	P	07 49 59.5 +0.6
S36A	Lake Cedric, C	24.97	92	P	P	07 49 59.4 +0.4
INK	Inuvik	25.02	355	P	P	07 49 57.9 -1.3
INK	comp=Z,7.0nm,1.1s,baz=167,slow=10,SNR=9.3			LR	LR	07 59 17.6
T36A	comp=Z,534nm,18.6s,baz=160,slow=36	25.03	94	P	P	07 49 59.7 +0.2
133A	Hamilton Ranch	25.05	106	P	P	07 50 00.3 +0.6
C37A	Embarrass	25.06	68	P	P	07 49 59.8 +0.1
MLY	Manley	25.10	103	eP	P	07 50 00.2 +0.2
Y34A	Reagan Ranch,	25.14	102	P	P	07 50 00.4 -0.1
W35A	Tecumseh	25.17	99	P	P	07 50 00.9 +0.1
P37A	Lathrop	25.18	87	P	P	07 50 00.9 0.0
R37A	Teagarden Farm	25.29	91	P	P	07 50 02.3 +0.4
Z34A	Collier Ranch,	25.33	104	P	P	07 50 02.9 +0.6
Z33A	Rising Star	25.39	107	P	P	07 50 03.7 +0.8
TTA	Tatalina	25.41	330	eP	P	07 50 02.8 0.0
TTA	Tatalina	25.41	330	eP	P	07 50 02.8 0.0
L38A	Oak Wood Farm,	25.42	81	P	P	07 50 03.7 +0.6
U36A	Oologah	25.43	95	P	P	07 50 03.9 +0.8
K38A	Parkersburg	25.43	80	P	P	07 50 03.8 +0.6
I38A	Scanlan Farm,	25.44	76	P	P	07 50 04.1 +0.9
M38A	Pleasantville	25.45	83	P	P	07 50 04.3 +1.0
X35A	Drake	25.47	101	P	P	07 50 03.9 +0.3
S37A	Fort Scott	25.51	92	P	P	07 50 04.5 +0.6
EYMN	Ely	25.51	67	P	P	07 50 03.8 -0.1
EYMN	Ely	25.51	67	eP	P	07 50 04.4 +0.6
V36A	Jenks	25.55	97	P	P	07 50 05.0 +0.8
TUL1	Leonard	25.60	96	P	P	07 50 05.6 +0.9
TUL1	Leonard	25.60	96	eP	P	07 50 06.4 +1.7
N38A	Joes South For	25.60	84	P	P	07 50 05.1 +0.4
W36A	Wetumka	25.64	98	P	P	07 50 05.9 +0.8
134A	White-Moore Ra	25.65	105	P	P	07 50 06.8 +1.6
FCC	Fort Churchill	25.67	42	eP	P	07 50 05.4 +0.3
FCC	Fort Churchill	25.67	42	eP	P	07 50 05.4 +0.3
Y35A	Marietta	25.68	102	P	P	07 50 05.9 +0.5
C38A	Sawbill Land.	25.68	68	P	P	07 50 05.7 +0.4
JCT	Junction City	25.69	111	P	P	07 50 06.0 +0.4
JCT	Junction City	25.69	111	eP	P	07 50 07.1 +1.5
JCT	Junction City	25.69	111	eP	P	07 50 07.1 +1.5
T37A	Cheneyville 18	25.70	93	P	P	07 50 05.8 +0.2
333A	Richland Sprin	25.74	109	P	P	07 50 06.4 +0.4
P38A	Dawn	25.76	87	P	P	07 50 07.0 +0.9
Z35A	Perchaven, San	25.82	103	P	P	07 50 07.7 +0.9
X36A	Centrahoma	25.83	100	P	P	07 50 08.0 +1.2
U37A	Salina	25.87	95	P	P	07 50 08.0 +0.9
Z34A	Clairette	25.93	106	P	P	07 50 08.9 +1.1

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Q38A	Cooks Store, C	25.93	88	P	P	07 50 08.7 +1.0
433A	Art	26.00	110	P	P	07 50 09.3 +0.9
R38A	Fenwick Farm,	26.01	90	P	P	07 50 09.6 +1.1
V37A	Hulbert	26.08	96	P	P	07 50 09.9 +0.8
N39A	Derby Farms, D	26.11	84	P	P	07 50 10.4 +1.1
135A	Vickery Place,	26.13	105	P	P	07 50 10.3 +0.7
Y36A	Durant	26.21	101	P	P	07 50 11.2 +0.9
S38A	Stockton	26.23	91	P	P	07 50 11.0 +0.6
Q39A	Willow Grove F	26.37	88	P	P	07 50 12.4 +0.7
P39A	Salisbury	26.37	87	P	P	07 50 13.0 +1.3
U38A	Gravette	26.38	94	P	P	07 50 12.7 +0.9
WHTX	Lake Whitney,	26.41	106	P	P	07 50 14.4 +2.3
WHTX	Lake Whitney,	26.41	106	eP	P	07 50 14.0 +1.9
Z36A	Blue Ridge	26.43	102	P	P	07 50 13.3 +0.9
533A	Kerville	26.46	111	P	P	07 50 13.9 +1.3
X37A	Olayan	26.52	99	P	P	07 50 14.6 +1.5
434A	Burnet	26.53	109	P	P	07 50 14.5 +1.2
R39A	Chumby, Stover	26.59	89	P	P	07 50 15.4 +1.7
V38A	Canehill	26.62	95	P	P	07 50 14.5 +0.5
S39A	Bolivar	26.63	91	P	P	07 50 14.9 +0.8
COLD	Coldfoot	26.64	341	eP	P	07 50 13.8 -0.1
Y37A	Hugo	26.65	100	P	P	07 50 15.8 +1.5
633A	Saathoff Ranch	26.75	112	P	P	07 50 16.9 +1.7
136A	Ennis	26.80	104	P	P	07 50 16.8 +1.2
O40A	La Belle	26.80	85	P	P	07 50 17.1 +1.6
T39A	Clever	26.86	92	P	P	07 50 17.4 +1.2
534A	Blanco	26.87	110	P	P	07 50 17.3 +1.0
P40A	Paris	26.87	86	P	P	07 50 17.3 +1.1
X38A	Whitesboro	26.88	98	P	P	07 50 17.7 +1.4
W38A	Poteau	26.91	97	P	P	07 50 17.8 +1.3
832A	Faith Ranch, C	26.98	115	P	P	07 50 18.6 +1.3
Q40A	Laux Farm, Aux	27.04	87	P	P	07 50 19.4 +1.7
733A	Divot King Ran	27.14	114	P	P	07 50 20.2 +1.4
R40A	Maddies Statio	27.16	89	P	P	07 50 19.9 +1.1
336A	Riesel	27.18	106	P	P	07 50 21.1 +2.1
S40A	Leblond	27.27	90	P	P	07 50 21.2 +1.4
Y38A	Idabel	27.31	99	P	P	07 50 21.5 +1.3
833A	Chaparral WMA,	27.34	114	P	P	07 50 21.5 +1.1
T40A	Mansfield	27.43	91	P	P	07 50 22.0 +0.7
X39A	Fountain Ranch	27.47	98	P	P	07 50 23.2 +1.6
Z37A	Washetta, Mont	27.57	104	P	P	07 50 24.8 +2.3
MIAR	Mount Ida	27.84	97	P	P	07 50 25.3 +1.4
MIAR	Mount Ida	27.84	97	eP	P	07 50 25.8 +0.9
MIAR	Mount Ida	27.84	97	eP	P	07 50 25.8 +0.9
933A	Laredo	27.89	115	P	P	07 50 27.4 +2.0
W40A	Ferguson Farm,	27.90	96	P	P	07 50 27.0 +1.6
834A	Tilden	28.02	114	P	P	07 50 28.8 +2.2
238A	Jacksonville	28.05	103	P	P	07 50 29.6 +2.7
934A	Benavides	28.39	114	P	P	07 50 33.0 +3.1
438A	Sam Houston St	28.51	106	P	P	07 50 32.3 +1.3
UALR	University of	28.62	96	eP	P	07 50 34.1 +2.3
034A	Hebronville	28.64	115	P	P	07 50 33.1 +1.0
339A	Huntington	28.82	104	P	P	07 50 34.8 +1.1
340A	Bronson	29.25	103	P	P	07 50 38.4 +1.0
936A	North Padre Is	29.32	113	P	P	07 50 39.2 +1.1
OLIL	Olton	30.02	85	eP	P	07 50 43.6 -0.7
OXF	Oxford	30.87	94	eP	P	07 50 52.6 +0.8
OXF	Oxford	30.87	94	eP	P	07 50 52.6 +0.8
GAMB	Gambell	32.07	324	eP	P	07 51 02.3 +0.3
SADO	Saddox	34.47	17	LR	LR	08 05 39.1
RES	Resolute Bay	34.51	15	P	P	07 51 23.5 +0.3
RES	Resolute Bay	34.51	15	eP	P	08 03 55.2
RES	Resolute Bay	34.51	15	eP	P	07 51 23.4 +0.3
RES	Resolute Bay	34.51	15	eP	P	07 51 23.5 +0.3
GOGA	Godfrey	35.72	91	eP	P	07 51 34.2 +0.1
GOGA	Godfrey	35.72	91	eP	P	07 51 34.2 +0.1
KMSC	Kings Mountain	36.45	87	P	P	07 51 40.3 0.0
TIGA	Tifton	36.64	94	P	P	07 51 41.8 -0.1
FRB	Fröbisher Bay	38.70	38	LR	LR	08 08 13.4
SCHO	Schefferville	40.14	52	P	P	07 52 09.9 -1.2
SCHO	Bilbino	41.65	329	iP	P	08 09 01.0
BILL	Bilbino	41.65	329	iP	P	07 52 22.9 -0.6
BILL	Bilbino	41.65	329	iP	P	07 53 59.5
BILL	Bilbino	41.65	329	iP	P	07 53 59.5
BFJD	Kangassuaq	45.98	32	LR	LR	08 13 14.4
SEY	Seymchan	48.03	323	P	P	07 53 12.8 -1.5
SEY	Seymchan	48.03	323	P	P	07 53 11.8 -2.5
SUMG						

8d 10h

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like EGS, WDT, Danda, etc.

ISCJB 08 09:29:22.8:0.3, 24:22N:0.02:120:71E:0.02, h26km, 2km, Error ellipse: s-maj=3.7km s-min=2.1km az=35.2

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TCU, TWQ1, TWQ2, etc.

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Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like WDT, CHN5, CHNS, etc.

ISCJB 08 09:41:15.7:1.3, 10:73N:0.04:62:52W:0.03, h104km, 7km, Error ellipse: s-maj=7.4km s-min=4.5km az=149.8

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like GUVI, GUVJ, GUVN, etc.

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Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TRN, TRN, TRN, etc.

ISCJB 08 09:54:53.7:0.5, 40:19N:0.04:28:80E:0.04, h12km, 6km, Error ellipse: s-maj=6.6km s-min=4.8km az=168.7

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ORLT, ORLT, ORLT, etc.

IDC 08 10:02:44.6:1.6, 2:40N:75:13W, h0km, mb3.2/3, mb1 3.7/5, mb1mx3.6/36, mbmp3.5/5, ML3.4/3, MS3.1/4, Ms1 3.1/4, ms1mx2.8/16, Error ellipse: s-maj=39.9km s-min=27.7km az=120.0

ISCJB 08 10:02:51.4:1.2, 2:65N:0.08:75:18W:0.06, h20km, 12km, mb3.2/3, MS3.1/1, Error ellipse: s-maj=14.0km s-min=9.2km az=151.6

RSNC 08 10:02:51.5:0.9, 2:75N:75:15W, h0km, 5km, ML4.2, ISC 08 10:02:50.1:4.2, 54N:0.038:75:07W:0.05, h28km, 10km, n23, r1955/28, mb3.4/3, 1D, Colombia

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BETC, BETC, POPC, POPC, etc.

DDA 08 10:26:15.4, 40.73N, 30.60E, h7km, Md2.4
 ISCJB 08 10:26:16.3, 0.6, 40.72N, 0.03, 30.62E, 0.06, h11km, Error
 ellipse: s-maj=6.1km s-min=4.7km az=5.8
 CSEM 08 10:26:16.6, 0.4, 40.70N, 30.58E, h2km, MD2.9, Error
 ellipse: s-maj=8.9km s-min=6.6km az=69.0
 ISK 08 10:26:17.4, 40.62N, 30.53E, h8km, MD2.9
 ISC 08 10:26:16.5, 0.9, 40.71N, 0.03, 30.64E, 0.03, h11km, n18,
 0589/24, Turkey

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
SAHE	Sakarya_HENDEK	0.22 48	Op	Pg	10 26 20.4	-0.8
SAHE	Sakarya_HENDEK	0.22 48	P	Pg	10 26 23.9	-0.5
GULT	Gulveren	0.29 199	ePg	Pg	10 26 21.6	-0.8
GULT	Gulveren	0.29 199	ePg	Sg	10 26 24.9	-1.4
GULT	Gulveren	0.29 199	ePg	Sg	10 26 24.9	-1.4
MDUB	Mudurnu	0.49 118	ePg	Pb	10 26 28.0	+0.8
MDUB	Mudurnu	0.49 118	ePg	Pb	10 26 28.0	+0.8
KAND	Kocaeli-Kandir	0.51 319	iP	Sg	10 26 25.7	-0.9
KAND	Kocaeli-Kandir	0.51 319	iP	Sg	10 26 32.1	-1.3
BORA	Eskisehir	0.84 190	iP	Pg	10 26 32.1	-0.6
BORA	Eskisehir	0.84 190	iP	Sg	10 26 44.1	+0.5
BORA	Eskisehir	0.84 190	iP	Sg	10 26 32.1	-0.6
BORA	Eskisehir	0.84 190	iP	Sg	10 26 44.1	+0.5
KLYT	Kilyos	1.32 295	ePn	Pb	10 26 42.7	+0.7
KLYT	Kilyos	1.32 295	ePn	Pb	10 26 42.7	+0.7
ARMT	Armutlu	1.36 265	ePn	Pb	10 26 41.8	-0.2
ARMT	Armutlu	1.36 265	ePn	Pb	10 26 41.8	-0.2
TVSB	Tavsanli	1.54 216	ePn	Pb	10 26 44.4	+0.3
TVSB	Tavsanli	1.54 216	ePn	Pb	10 26 44.4	+0.3
TKR	Tekirdag	2.37 278	ePn	Pn	10 26 56.4	+1.1
TKR	Tekirdag	2.37 278	ePn	Pn	10 26 56.4	+1.1

ISK 08 11:04:51.1, 37.30N, 27.97E, h28km, MD2.5
 ISCJB 08 11:04:53.1, 0.6, 37.28N, 0.03, 28.00E, 0.05, h0km, Error
 ellipse: s-maj=5.3km s-min=4.3km az=168.9
 CSEM 08 11:04:53.4, 0.4, 37.29N, 28.01E, h1km, MD2.5, Error
 ellipse: s-maj=8.5km s-min=7.1km az=76.0, Suspected
 Mining explosion.

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
YER	Yerkesik	0.31 122	ePg	Pg	11 04 58.9	0.0
YER	Yerkesik	0.31 122	ePg	Pg	11 05 02.4	+0.1
AYDN	Tasoluk	0.36 351	iP	Sb	11 05 07.6	-0.9
AYDN	Tasoluk	0.36 351	iP	Sb	11 05 02.4	+0.1
AYDN	Tasoluk	0.36 351	iP	Sb	11 05 07.6	-0.9
AYDN	Tasoluk	0.36 351	iP	Sb	11 05 07.6	-0.9
BDRM	Kayabasi	0.47 240	iP	Pb	11 05 04.4	+0.5
BDRM	Kayabasi	0.47 240	iP	Pb	11 05 04.4	+0.5
BODT	Bodrum	0.56 245	ePg	Pg	11 05 03.5	-1.1
BODT	Bodrum	0.56 245	ePg	Pg	11 05 12.6	+1.7
BODT	Bodrum	0.56 245	ePg	Pg	11 05 03.5	-1.1
EGDT	Bodrum	0.56 245	ePg	Pg	11 05 12.6	+1.7
AYDB	Zeytin koy-Aydi	0.65 356	ePg	Pg	11 05 04.6	-0.7
AYDB	Zeytin koy-Aydi	0.65 356	ePg	Pg	11 05 14.7	+1.1
AYDB	Zeytin koy-Aydi	0.65 356	ePg	Pg	11 05 04.6	-0.7
AYDB	Zeytin koy-Aydi	0.65 356	ePg	Pg	11 05 14.7	+1.1
TURN	Turunc	0.68 129	iP	Sg	11 05 05.3	-0.5
TURN	Turunc	0.68 129	iP	Sg	11 05 14.9	+0.3
TURN	Turunc	0.68 129	iP	Sg	11 05 05.3	-0.5
TURN	Turunc	0.68 129	iP	Sg	11 05 14.9	+0.3
MANT	Manisa	1.28 22	iP	Pg	11 05 17.6	+0.2
MANT	Manisa	1.28 22	iP	Pg	11 05 34.4	+0.3
MANT	Manisa	1.28 22	iP	Pg	11 05 17.6	+0.2
MANT	Manisa	1.28 22	iP	Pg	11 05 34.4	+0.3

ISK 08 11:06:45.9, 37.42N, 28.26E, h12km, MD2.8
 ISCJB 08 11:06:48.0, 0.5, 37.28N, 0.03, 28.10E, 0.04, h0km, Error
 ellipse: s-maj=5.1km s-min=3.8km az=141.6
 CSEM 08 11:06:48.6, 0.2, 37.29N, 28.10E, h1km, MD2.8, Error
 ellipse: s-maj=4.7km s-min=4.0km az=50.0, Suspected
 Mining explosion.

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
YER	Yerkesik	0.29 159	ePg	Pg	11 06 52.4	-1.3
YER	Yerkesik	0.29 159	ePg	Pg	11 06 57.1	-0.3
YER	Yerkesik	0.29 159	ePg	Pg	11 06 52.4	-1.3
AYDN	Tasoluk	0.33 320	iP	Pb	11 06 57.1	-0.3
AYDN	Tasoluk	0.33 320	iP	Sb	11 07 02.7	-0.3
AYDN	Tasoluk	0.33 320	iP	Sb	11 06 57.1	-0.3
AYDN	Tasoluk	0.33 320	iP	Sb	11 07 02.7	-0.3
AYDB	Zeytin koy-Aydi	0.58 339	ePg	Pg	11 07 00.1	-0.3
TURN	Turunc	0.64 146	iP	Sg	11 07 08.0	0.0
TURN	Turunc	0.64 146	iP	Sg	11 07 00.1	-0.3
TURN	Turunc	0.64 146	iP	Sg	11 07 08.0	0.0
BDRM	Kayabasi	0.66 239	iP	Sg	11 06 59.5	-1.1
BDRM	Kayabasi	0.66 239	iP	Sg	11 07 07.2	-2.1
BDRM	Kayabasi	0.66 239	iP	Sg	11 06 59.5	-1.1
BODT	Bodrum	0.75 243	ePg	Pg	11 07 01.9	-0.6
BODT	Bodrum	0.75 243	ePg	Pg	11 07 07.3	-3.0
FETY	Fethiye	1.07 136	ePg	Pg	11 07 02.0	-2.5
FETY	Fethiye	1.07 136	ePg	Pg	11 07 09.0	-0.5
NIS1	Nisyros Isl.	1.12 224	ePn	Pg	11 07 09.0	-0.5
NIS1	Nisyros Isl.	1.12 224	ePn	Pg	11 07 12.6	+1.2
MANT	Manisa	1.13 16	iP	Sn	11 07 29.8	+2.1
MANT	Manisa	1.13 16	iP	Sn	11 07 29.8	+2.1
MANT	Manisa	1.13 16	iP	Sn	11 07 29.8	+2.1
MANT	Manisa	1.13 16	iP	Sn	11 07 29.8	+2.1
KULA	Kula-Manisa	1.18 20	ePn	Pg	11 07 08.3	-2.4
KULA	Karahalli	1.43 47	iP	Pb	11 07 16.5	+0.8
KHAL	Karahalli	1.43 47	iP	Pb	11 07 16.5	+0.8

ISC 08 11:31:03.0, 38.1, 22.63N, 144.11E, h213km, 76km, mb2.9/7,
 mb1 3.0/7, mb1mx2.9/39, mbmp3.4/7, Error ellipse:
 s-maj=48.3km s-min=17.4km az=80.0, Volcano Islands
 region

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
KSRS	Korea Array	20.31 320	Op	P	11 35 23.1	+0.4
SONM	Songino Array	39.18 319	P	P	11 38 09.5	-0.9
WRA	Warramunga Arr	43.37 193	P	P	11 38 44.5	-0.1
ASAR	Alce Springs	47.08 193	P	P	11 39 13.4	-0.2
MKAR	Makanchi Array	54.70 312	P	P	11 40 10.4	+0.2
BVAR	Borovoye Array	62.52 319	P	P	11 41 04.1	+0.1
YKA	Yellowknife Ar	75.23 28	P	P	11 42 22.1	+0.1

WEL 08 11:34:03.2, 0.3, 38.09S, 176.38E, h155km, 2km, ML3.7/12,
 23C-8D, Error ellipse: s-maj=1.7km s-min=1.5km az=0.0,
 North Island

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
RRRZ	Republican Roa	0.27 157	Op	Pn	11 34 24.2	-0.1
RRRZ	Plateau Road	0.40 179	Op	Pn	11 34 24.7	0.0
URZ	Urewera	0.60 106	Op	Pn	11 34 25.1	-0.5
URZ	Urewera	0.60 106	Op	Pn	11 34 41.3	-1.3
URZ	Urewera	0.60 106	Op	Pn	11 34 25.1	-0.5
URZ	Urewera	0.60 106	Op	Pn	11 34 41.3	-1.3
TLZ	Tolley Road	0.71 250	Op	Pn	11 34 26.7	+0.3
TLZ	Tolley Road	0.71 250	Op	Pn	11 34 45.5	+0.6

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
MRHZ	Matea Rd	0.74 178	Op	Pn	11 34 26.5	-0.1
MRHZ	Matea Rd	0.74 178	Op	Pn	11 34 43.9	-0.6
TOZ	Tahuroa Road	0.79 297	Op	Pn	11 34 27.1	+0.3
RAGZ	Rawiri	0.91 117	Op	Pn	11 34 27.8	+0.1
MWZ	Matawai	0.93 105	Op	Pn	11 34 27.7	-0.3
MWZ	Matawai	0.93 105	Op	Pn	11 34 46.9	0.0
MWZ	Matawai	0.93 105	Op	Pn	11 34 46.8	0.0
MWZ	Matawai	0.93 105	Op	Pn	11 34 47.9	0.0
MWZ	Matawai	0.93 105	Op	Pn	11 34 47.9	0.0
RAHZ	Arahi	0.99 146	Op	Pn	11 34 28.8	+0.4
SNGZ	Shannon Statio	1.02 133	Op	Pn	11 34 28.9	+0.3
MRVZ	Matawai	1.05 162	Op	Pn	11 34 28.9	+0.3
BKZ	Black Stump Fm	1.07 175	Op	Pn	11 34 28.9	-0.3
BKZ	Black Stump Fm	1.07 175	Op	Pn	11 34 49.5	0.0
BKZ	Black Stump Fm	1.07 175	Op	Pn	11 34 51.4	0.0
HAZ	Te Kaha	1.16 73	Op	Pn	11 34 28.9	-0.8
WHZ	Whangarei	1.19 81	Op	Pn	11 34 30.4	+0.2
WTVZ	West Tongariro	1.19 211	Op	Pn	11 34 30.2	-0.1
TKGZ	Te Karaka	1.20 107	Op	Pn	11 34 30.0	-0.2
TWVZ	Taurewa	1.23 217	Op	Pn	11 34 30.6	0.0
RIGZ	Ngauruhoe	1.24 209	Op	Pn	11 34 30.9	+0.1
NGZ	Rimuhau	1.24 120	Op	Pn	11 34 30.8	+0.2
MRVZ	Matawai	1.26 158	Op	Pn	11 34 31.2	+0.4
TWVZ	Taurewa	1.26 94	Op	Pn	11 34 31.0	+0.2
FWVZ	Far West T-bar	1.33 209	Op	Pn	11 34 31.7	+0.1
PKVZ	Pakihiroa	1.35 82	Op	Pn	11 34 31.0	-0.8
MCHZ	McNeill Hill	1.37 170	Op	Pn	11 34 32.3	+0.5
KNZ	Kokohu	1.37 153	Op	Pn	11 34 31.7	-0.1
MKAZ	Mokaukai	1.39 315	Op	Pn	11 34 32.2	+0.3
MOVZ	Moawhango	1.40 200	Op	Pn	11 34 31.7	-0.5
BHHZ	Black Hill Sta	1.42 190	Op	Pn	11 34 32.0	-0.3
PRGZ	Paritu Road	1.44 126	Op	Pn	11 34 32.5	0.0
PKVZ	Pokaka	1.44 214	Op	Pn	11 34 32.6	0.0
MKAZ	Mokaukai	1.47 209	Op	Pn	11 34 32.0	0.0
PUZ	Puketitii	1.48 90	Op	Pn	11 34 32.6	-0.3
PUZ	Puketitii	1.48 90	Op	Pn	11 34 56.7	0.0
CNGZ	Carnagh Statio	1.49 106	Op	Pn	11 34 33.5	+0.6
KRHZ	Kereru	1.55 180	Op	Pn	11 34 33.4	-0.3
MHZ	Mahia Peninsula	1.59 132	Op	Pn	11 34 34.4	+0.2
WHVZ	Whangamatini S	1.61 81	Op	Pn	11 34 34.4	+0.2
VRZ	Veria Road	1.64 231	Op	Pn	11 34 34.9	+0.3
CKHZ	Cape Kidnapper	1.65 161	Op	Pn	11 34 34.9	+0.2
KAHZ	Kahurangi	1.74 167	Op	Pn	11 34 35.8	+0.1
PNHZ	Pukenui	1.82 184	Op	Pn	11 34 36.1	-0.5
WPHZ	Waipukurau	1.97 179	Op	Pn	11 34 37.6	-0.6
PKVZ	Pokaka	1.97 209	Op	Pn	11 34 38.2	-0.3
WAZ	Wanganui	1.98 213	Op	Pn	11 34 38.2	-0.3
TSZ	Takapari Road	1.99 189	Op	Pn	11 34 37.7	-0.8
NEZ	North Egmont	2.14 236	Op	Pn	11 34 41.2	+0.9
PRVZ	Porangahau	2.18 175	Op	Pn	11 34 40.0	-0.7
DVHZ	Dunstanville	2.21 184	Op	Pn	11 34 41.6	-1.1
POWZ	Post Office Ro	2.34 192	Op	Pn	11 34 41.6	-1.1
ANWZ	Angora Road	2.36 178	Op	Pn	11 34 42.0	-0.9
PRVZ	Porangahau	2.48 187	Op	Pn	11 34 43.4	-0.9
BFZ	Birch Farm	2.59 182	Op	Pn	11 34 44.3	-1.3
MRZ	Mangatainoka R	2.64 193	Op	Pn	11 34 44.6	-1.6
MRZ	Mangatainoka R	2.64 193	Op	Pn	11 35 18.2	0.0
MRZ	Mangatainoka R	2.64 193	Op	Pn	11 35 18.2	0.0
TIWZ	Tintock	2.71 188	Op	Pn	11 34 45.6	-1.5
TIWZ	Tintock	2.71 188	Op	Pn	11 35 18.8	0.0
TIWZ	Tintock	2.71 188	Op	Pn	11 35 19.1	0.0
OGWZ	Otagi Gorge	2.88 199	Op	Pn	11 34 47.1	-1.7
KHWZ	Holdsword Sta	2.				

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Table with columns: Station Name, Azimuth, Altitude, Phase ID, Time, Res. Includes stations like 8d13h, WTCT, WTCT, YOJ, WSF, ECL, SSD, SCLT, etc.

TRN 08 12:45:47.4, 17.31N-62.06W, h21km, MD3.5, 4C-1D, Leeward Islands

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res. Includes stations like BPA, ANWB, NEV, etc.

CRAAG 08 12:48:36.5, 36.38N-2.75E, ML2.7, CSEM 08 12:48:36.5, 36.38N-2.75E, h0km, ML2.7

ISCJB 08 12:48:37.6, 0.8, 36.47N-0.06, 2.68E-0.08, h18km, Error ellipse: s-maj=10.9km s-min=6.6km az=146.1

MDD 08 12:48:37.5, 5.36, 36.36N-2.62E, h0km, 5.3km, mb3.2/2, Error ellipse: s-maj=0.7km s-min=9.2km az=77.0

PRXIMO SIN SOLUCIN ISC 08 12:48:37.4, 1.0, 36.41N-0.07, 2.76E-0.06, h18km, n16, r153/10, Northern Algeria

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

MOS 08 13:03:27.3, 1.0, 27.60S-69.60W, h76km, mb5.8/16, Error ellipse: s-maj=14.1km s-min=7.7km az=104.9

SJA 08 13:03:28.2, 0.6, 27.55S-69.97W, h131km, 13km, ML5.3, Fault plane solution: NP1: 357.21000, 878.00000, -1.88.98000

GUC 08 13:03:29.6, 0.9, 27.56S-69.72W, h105km, 4km, ML5.7

NEIC 08 13:03:30.6, 0.1, 27.62S-69.52W, mb5.5/63, MW5.4, MW5.4, Error ellipse: s-maj=6.1km s-min=3.6km az=67.0

Moment Tensor Solution, s13 Moment tensor: Scale 1071Nm; M1-0.80; M2-0.61; M3-1.40; M4-0.50; M5-0.48; M6-0.76; Best double couple: M1: 60000, 1017 NP1: 312.00000, 844.00000, -1.50.00000

NP2: 320.00000, 870.00000, -1.50.00000; Principal axes: T 1.6800, P15.0000, Azm262.0000; N -0.2000,

Plg37.0000, Azm4.0000; P -1.4900, Plg49.0000, Azm153.0000; Moment Tensor Solution, s5 Moment tensor: Scale 1071Nm; M1-0.87; M2-0.35; M3-1.22; M4-0.68; M5-0.50; M6-0.69; Best double couple: M1: 50000, 1017 NP1: 347.00000, 833.00000, -1.37.00000; NP2: 219.00000, 868.00000, -1.46.00000; Principal axes: T 1.6700, P19.0000, Azm291.0000; N -0.2900, Plg24.0000, Azm29.0000; P -1.3800, Plg59.0000, Azm165.0000;

NEIC Fall [V] at Chanaral, Copiapo and Tierra Amarilla; [IV] at Vallener [III] at Caldera, Coquimbo, Diego de Almagro, Frutina, Huasco, La Higuera and La Serena; [II] at Talca. Also felt at La Ligua.

IDC 08 13:03:30.7, 0.4, 27.55S-69.52W, h99km, 2km, mb4.3/11, mb1 4.5/17, mb1mx4.5/20, mbtmp4.7/17, MS4.1/17, MS1 4.1/17, ms1mx4.0/20 Error ellipse: s-maj=14.9km s-min=10.6km az=65.0

GCMT 08 13:03:30.6, 0.2, 27.82S-69.96W, h109km, 1km, MW5.4/106, Moment Tensor Solution, s95, c146; s106, c180; Duration: 1s2 Moment tensor: Scale 1071Nm; M1-0.31; M2-0.02; M3-0.62; M4-0.20; M5-0.93; M6-0.36; M7-0.72; M8-0.20; M9-0.89; M10-0.20; Best double couple: M1: 44700, 1017 NP1: 199.00000, 882.00000, -1.44.00000; NP2: 296.00000, 847.00000, -1.69.00000; Principal axes: T 1.5600, P13.0000, Azm255.0000; N -0.1170, Plg45.0000, Azm10.0000; P -1.3890, Plg36.0000, Azm147.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

BUI 08 13:03:31.0, 27.60S-69.50W, h95km, mb5.3/20

ISCJB 08 13:03:47.4, 0.3, 28.35S-0.06, 68.5W-0.1, h101km, mb5.5/28, Error ellipse: s-maj=16.3km s-min=7.0km az=160.7

ISC 08 13:03:30.5, 0.2, 27.63S-69.73W-0.05, h99km, 1km, h21km; NP-P, n951, r1615/73, mb5.5/75, 5C-6D, Northern Chile

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

AMOG MOGNA RTLL Cerro Villucun SJA San Juan SJA

comp=Z, 3um, 0.5s PB10 IPOC Station P 4.17 350J eP Pn 13 04 29.5 -2.5

comp=Z, 2um, 1.9s, baz=260, slow=42 LPAZ La Paz 11.38 8 P Pn 13 06 07.5 -3.1

LPZ 13 11 37.6

TRQA Torquiste 12.26 150 eP Pn 13 06 19.6 -2.1

LPZ 13 11 37.6

LPZ 13 11 37.6

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LPZ 13 11 37.6

LPZ 13 11 37.6

LPZ 13 11 37.6

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

ROSC EI Rosal 32.58 351 P P 13 09 53.8 +0.7

ROSC comp=Z, 3.5nm, 0.3s, baz=180, slow=20, SNR=2.2

ROSC comp=Z, 11nm, 0.6s, baz=136, slow=9.9, SNR=2.1

ROSC comp=Z, 5.69nm, 21.4s, baz=204, slow=36

NORC Norcasia 33.37 351 eP P 13 09 58.5 -1.0

RUSA La Rusia 33.48 351 eP P 13 09 57.4 -3.6

HEL Santa Helena 34.09 350 eP P 13 10 03.6 -2.5

DABELL Dabelba 35.01 349 eP P 13 10 14.4 +0.7

SDV Santo Domingo 36.31 358 LR LR 13 28 05.5

SDV Santo Domingo 36.31 358 eP P 13 10 27.9 +3.0

SDV Santo Domingo 36.31 358 eP P 13 10 46.0 -1.6

MOTC Monteria, Cord 36.65 350 eP P 13 10 25.7 -6.1

PMSA Palmer Station 37.33 176 eP P 13 10 34.7 +1.8

BCIP Isla Barro Colorado 37.87 344 eP P 13 10 39.5 +1.6

RCBR Riachuelo 38.76 62 eP P 13 10 36.0 +0.5

JTS JuntasAbangare 40.48 337 eP P 13 11 01.9 +2.2

JTS JuntasAbangare 40.48 337 eP P 13 11 24.1 +1.4

JTS JuntasAbangare 40.48 337 eP P 13 11 01.0 +3.3

comp=Z, 1.2nm, 1.0s TGUHU Tegucigalpa, On 44.80 335 eP P 13 11 35.6 +1.1

TGUB Tegucigalpa, On 44.80 335 eP P 13 11 40.7 +0.6

OBIP Obispo Ponce 45.50 4 eP P 13 12 03.0 -0.4

OBIP Obispo Ponce 45.50 4 eP P 13 11 53.0 -0.4

MTDJ Mount Denham 46.21 350 eP P 13 11 47.3 +1.5

MTDJ Mount Denham 46.21 350 eP P 13 12 09.7 +0.5

GTBY Guantanamo Bay 47.56 353 eP P 13 11 58.2 +2.0

GTBY Guantanamo Bay 47.56 353 eP P 13 12 19.3 -0.4

TLTG Tlapa 52.91 325 eP P 13 12 37.4 +0.6

TLTG Tlapa 52.91 325 eP P 13 13 02.1 +0.5

TLTG Tlapa 52.91 325 eP P 13 12 12.5 +0.8

VNA3 Neumayer Olymp 54.57 160 P P 13 12 48.6 +0.6

VNA2 Neumayer-Watz 54.57 159 P P 13 12 51.6 -0.8

ASCN Ascension 55.76 80 eP P 13 12 58.3 +0.8

ASCN Ascension 55.76 80 eP P 13 12 58.3 +0.8

SNAAS Sanae 56.78 160 eP P 13 13 04.3 +0.3

SNAAS Sanae 56.78 160 eP P 13 13 04.3 +0.3

SNAAS Sanae 56.78 160 eP P 13 13 04.3 +0.3

SNAAS Sanae 56.78 160 eP P 13 13 04.3 +0.3

SNAAS Sanae 56.78 160 eP P 13 13 04.3 +0.3

SNAAS Sanae 56.78 160 eP P 13 13 04.3 +0.3

SNAAS Sanae 56.78 160 eP P 13 13 04.3 +0.3

Table with columns: SWET, Location, Price, SNR, and other metrics. Includes entries like Swanee, Bunkhouse Ranch, Junction City, etc.

Table with columns: MNTX, Location, Price, SNR, and other metrics. Includes entries like Cornudas Mount, Caddo, Fort Co, Santa Rosalia, etc.

Table with columns: TBI, Location, Price, SNR, and other metrics. Includes entries like Tubuai, Tubuai, Chapman, Gall, etc.

Table with columns: CLNS, Chul'man, 149.01 344, ePKP2, PKPbc, 13 23 06.5, 0.0, etc. Lists various astronomical observations with station names and coordinates.

Table with columns: CHTO, Chiang Mai, 166.39 128, P, PKPab, 13 24 26.3, -0.4, etc. Lists astronomical observations from Chiang Mai and other stations.

Table with columns: ILAR, Eielson Array, 65.02 26, P, PKPab, 13 47 07.2, -0.5, etc. Lists astronomical observations from the Eielson Array and other stations.

JMA 08 15:18:21.2,0.1,27.44N,142.92E,h84km,M3.9
ISC 08 15:18:20.3,0.5,27.36N,0.05,143.24E,0.06,h27km,n114,
o=89/124,mb4.4/5,MS3.9/3,7C-3D,Bonin Islands

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

Table with columns: ZALV, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data, including specific event details like 'MOS 08 15:26:57.0, 2.0, 9.84S, 113.97E, h36km, mb5.7/33, MS5.0/4, Error ellipse: s-maj=9.8km s-min=5.8km az=115.2'.

Table with columns: Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data, including stations like Jajag, Banyuwangi, and Kuching.

Table with columns: IRM, Iron Mountain, 129.25, 54, P, PKPpdf, 15 46 05.5 +2.4, etc.

Table with columns: 835A, Beeville, 145.16, 54, P, PKPpdf, 15 46 35.0 +2.5, etc.

Table with columns: LZH, comp=Z,32nm,1.4s, pmax, pmax, 15 41 00.1 -1.4, etc.

IDD 08 15:33:29.7,0.6,22.72N:144.48E,h0km,mb4.2/18, mb1 4.3/21,mb1mx4.2/46,mbtmp4.2/21,ML3.8/3,Error ellipse: s-maj=20.0km s-min=14.2km az=71.0

MOS 08 15:33:30.9,1.1,22.71N:144.32E,h17km,mb4.8/12, Error ellipse: s-maj=15.0km s-min=8.3km az=114.1

BUI 08 15:33:32.7,2.249N:144.56E,h35km,mb4.6/36,mb5.1/23, Ms4.9/14,Ms7.4/7.14

ISCJB 08 15:33:35.0,0.4,22.72N:0.06:144.35E:0.07,h33km, mb4.4/44,Ms4.7/3, Error ellipse: s-maj=9.9km

NEIC 08 15:33:35.3,0.3,22.71N:144.38E,h35km,mb4.7/10, Error ellipse: s-maj=9.3km s-min=6.6km az=60.0

ISC 08 15:33:34.9,0.5,22.74N:0.08:144.55E:0.08,h33km,m108, e129/116,mb4.6/44,MS4.8/3,Volcano Islands region

Code Station Name Az AZZ Phase ID Time Res

CBJ Chichi jima 4.84 334 eP Op 15 37 02.0 -0.1

CCJ Chichijima 4.84 334 eP Pn 15 34 43.8 -1.7

MJAR Matsushiro Arr 14.81 340 Pn Pn 15 37 02.0 -0.1

MJAR Matsushiro Arr 14.81 340 Pn Pn 15 37 02.0 -0.1

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like BRVK Borovoye, KKR Karatay Array, ZRNK Zerenda, etc.

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

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like GYA Guiyang, COEN Coen, CHD Chengdu, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like OTUK, CHKZ, BVAO, BVAR, BRVK, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like AHID, RLMT, SUMG, NLU, CCUT, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like BJI, BJI, NKHL, HIA, HIA, etc.

ICD 08 15:50:11.5, 5.0, 27.36N, 143.20E, h0km, mb4.5/25, mb1 4.6/29, mb1mx4.5/41, mbmp4.4/29, ML3.8/4, MS4.0/1, Ms1 4.0/1, ms1mx3.1/57, Error ellipse: s-maj=13.0km s-min=12.2km az=92.0

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

8d 16h

Table of station data for the 8d 16h section, including columns for station name, frequency, and other parameters.

2011 FEB

Table of station data for the 2011 FEB section, including columns for station name, frequency, and other parameters.

ITC 08 15:55:00.2, 0.27, 33N:143.19E, h0km, mb3.9/13, mb1.4/16, mb1mx0.0/40, mbtmp3.9/16, ML3.3/3, Error ellipse: s-maj=20.0km s-min=16.1km az=126.0, IS/CJB 08 15:55:02.4, 0.6, 27.45N:0.04:143.25E:0.07, h27km, mb4.2/20, Error ellipse: s-maj=9.2km s-min=5.3km az=28.7, NEIC 08 15:55:03.2, 1.9, 27.36N:143.16E, h19km, mb4.6/7, Error ellipse: s-maj=14.2km s-min=7.7km az=86.0, JMA 08 15:55:03.7, 27.40N:143.21E, h60km, M3.4, ISC 08 15:55:04.5, 0.8, 27.42N:0.07:143.13E:0.09, h27km, n33, t=1500/41, mb4.3/20, Bonin Islands region

Main table of station data for the 2011 FEB section, including columns for Code, Station Name, Frequency, and other parameters.

MEX 08 15:55:27.8:0.4, 16.99N:97.28W, h16km, 999km, MD3.9, Oaxaca

Table of station data for the MEX 08 15:55:27.8:0.4, 16.99N:97.28W, h16km, 999km, MD3.9, Oaxaca section, including columns for Code, Station Name, Frequency, and other parameters.

378

Table of station data for the 378 section, including columns for station name, frequency, and other parameters.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like MDJ, MAJO, MAJ, MJAR, CN2, HIA, TIXI, BOD, TNS, KRSR, KSAR, JNU, BJT, ULN, BPAW, TLY, SONM, COLD, KDKA, KODIA, TIA, HHC, ZAK, COLA, SML, MOY, ILAR, KRAR, WHN, INK, XAN, LZH, YULB, GTA, ZALV, NVS, CD2, and others.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like CD2, GYA, KURK, KURB, MK31, MKAR, MAKZ, YKA, YKA, YKA, CHKZ, KMI, BVA0, BRVK, QIZ, ZRNK, PDGK, OTUK, SLVN, SVE, LSA, ARU, TKM2, ULHL, USP, CHMS, KBK, DAV, FRU, AAK, AAK, AAK, UCH, EKS2, EKS2, AMAL, MNAS, KSH, KSH, KSH, KSH, KSH, SKNT, CMAI, UBPT, UBPT, KK31, KKAR, KKAR, PHRA, LAMP, UTTA, and others.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like CMMT, CHTO, CHTO, CHTO, CHTO, CHTO, TAPN, CMAR, CMAR, CHAI, AB31, AB31, ABKAR, PBKT, PBKT, YBH, ODAN, AKTO, KLMR, KLMR, JIRN, GUN, MHMT, RAMN, KKN, PKIN, GKN, DMN, DANN, SRAK, NAYO, UTHA, KOLN, PYUN, CHBT, CHBT, CHBT, FINES, FINES, NVAR, NVAR, KRAI, KBL, OBN, OBN, OBN, SBUM, PDAR, PDAR, DUG, DUG, VRH, VRH, LPSR, LPSR, NB2, NOA, VSR, VSR, KRAB, KSM, KSM, MMSI, STKI, SPSI, GEYT, GOF, GOF, AKASG, KIEV, KIEV, NCK, NCK, KIV, KIV, KBZ, ZEI, ZEI, NEY, PSI, GNI, GNI, GSI, GSI, MILM, STHS, STHS, KOLS, KOLS, BUHAR, LHSI, and others.

2011 FEB

8d 16h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like Cervencia-Dubn, Maura Dua, Dobruska-Polom, etc.

CASC 08 16:29:17.7z.2.11N.82.44W, h20km, M3.6, mb4.1/1, South of Panama. Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC.

DJA 08 16:29:23.3z.1.8.1N.20x12.6E, h10km, M3.6/5, mb4.1/1, MLV3.4/5, Northern Molucca Sea. Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC.

CSEM 08 16:29:45.7z.0.1, 43.87N, 17.23E, h2km, ML4.0, Ms4.1. Error ellipse: s-maj=2.4km s-min=1.7km az=39.0. Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like Banja Luka, Ston, Udbina, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Includes stations like Offi, Bari, CIGN, SKDS, etc.

AUQP	San Andres	23.68 238	eP	P	16 47 54.3 +1.4
TIA	Taian	23.73 298	P	S	16 47 50.6 -2.6
TIA	comp=Z,100nm,1.3s		pmax	pmax	16 52 06.7 +0.4
TIA	comp=Z,1.1um,4.2s		LR	LR	
TIA	comp=Z,3um,15.5s		LR	LR	
TIA	comp=Z,4um,18.0s		LR	LR	
TIA	comp=Z,5um,17.2s		LR	LR	
BOAC	Boac	24.23 239	eP	P	16 47 57.6 -0.5
MSLP	Masasin	24.30 229	eP	P	16 47 58.5 -0.2
SCZP	Santa Cruz	24.43 247	eP	P	16 47 59.0 -0.9
BUTP	Butuan	24.68 225	eP	P	16 48 03.1 +0.9
RCP	Roxas	24.78 235 eP	P	P	16 48 03.6 +0.6
PATS	Pohnpei	25.02 142	eP	pP	16 48 16.3 +1.6
WHN	Wuhan	25.34 284	eP	P	16 48 06.9 -1.1
WHN			pP	S	16 48 21.8 +0.2
WHN			S	S	16 52 30.3 -1.9
WHN	comp=Z,120nm,0.8s		pmax	pmax	
WHN	comp=Z,2um,4.3s		LR	LR	
WHN	comp=Z,6um,13.4s		LR	LR	
WHN	comp=Z,5um,17.0s		LR	LR	
WHN	comp=Z,6um,19.0s		LR	LR	
SJMP	San Jose	25.40 239	eP	P	16 48 08.8 +0.2
GUIM	Jordan	25.52 233	eP	P	16 48 08.8 -1.0
BJT	Gajiatuau	25.61 306	eP	P	16 48 08.4 -2.0
BJT	Bajiatuau	25.61 306	eP	P	16 48 08.4 -2.0
BJT	comp=Z,63nm,1.0s		pmax	pmax	
BJI	Beijing	25.61 306	P	P	16 48 07.3 -3.1
BJI			sP	sP	16 48 22.9 -1.1
BJI			S	S	16 52 35.9 -0.4
BJI	comp=Z,42nm,1.7s		pmax	pmax	
BJI	comp=Z,3um,17.2s		LR	LR	
BJI	comp=Z,7um,18.2s		LR	LR	
CGP	Cagayan de Oro	25.66 226 eP	P	P	16 48 10.8 -0.2
NKL	Nikolayevsk	25.80 357	eP	P	16 48 12.0 +0.1
NKL			e	e	16 52 44.0
NKL	comp=Z,56nm,1.0s		pmax	pmax	
BUKP	Musan	25.87 225	eP	P	16 48 14.2 +1.3
DAV	Davao City (W)	26.18 223	LR	LR	16 56 37.0
BUSP	Coiran	26.38 239	eP	P	16 48 17.0 -0.6
CUYO	Cuyo Island	26.51 236	eP	P	16 48 18.6 -0.1
CTBH	Cotabato-PC H	26.89 225	eP	P	16 48 21.6 -0.5
GZH	Guangzhou	27.24 268	P	P	16 48 20.4 -4.9
GZH			pP	PnPn	16 49 09.8 +0.3
GZH			S	S	16 52 54.8 -7.5
MCO	Taipa Grande	27.32 265	P	P	16 48 27.0 +1.0
ENPP	El Nido	27.47 239	eP	P	16 48 27.1 -0.3
TIY	Taiyuan	27.73 300	eP	P	16 48 29.7 +0.1
TIY			P	PnPn	16 50 1.8 +1.6
TIY			S	S	16 53 05.7 -4.3
TIY	comp=Z,39nm,1.0s		pmax	pmax	
TIY	comp=Z,610nm,8.7s		LR	LR	
TIY	comp=Z,2um,14.5s		LR	LR	
TIY	comp=Z,4um,17.0s		LR	LR	
TIY	comp=Z,5um,18.9s		LR	LR	
PETK	Petropavlovsk	27.89 19	LR	LR	16 59 42.4
HIA	Hailar	28.31 327	eP	P	16 48 35.5 +0.9
HIA	Hailar	28.31 327	d P	P	16 48 34.6 -0.1
HIA	comp=Z,182nm,1.2s		pmax	pmax	
HHC	Hu-ho-hao-te	29.20 306	eP	P	16 48 41.5 -1.2
HHC			pP	pP	16 48 53.1 +0.7
HHC			S	S	16 53 28.5 -4.7
HHC	comp=Z,29nm,0.8s		pmax	pmax	
HHC	comp=Z,430nm,5.6s		LR	LR	
HHC	comp=Z,2um,11.5s		LR	LR	
HHC	comp=Z,5um,12.1s		LR	LR	
HHC	comp=Z,6um,11.5s		LR	LR	
MANU	Manus Island	29.54 171	eP	P	16 48 44.3 -1.5
ENH	Enshi	29.55 284	eP	P	16 48 44.6 -1.2
XAN	Xi'an	30.05 291	P	P	16 48 48.8 -1.4
XAN			pP	pP	16 49 02.3 -1.3
XAN			sP	sP	16 49 02.3 -1.6
XAN			PP	PnPn	16 49 47.4 -0.3
XAN			PcP	PcP	16 51 49.5 -2.2
XAN			S	S	16 53 45.6 -0.8
XAN			ScS	ScS	16 59 20.2 -6.8
XAN	comp=Z,75nm,1.3s		pmax	pmax	
XAN	comp=Z,350nm,6.9s		pmax	pmax	
XAN	comp=Z,930nm,15.4s		LR	LR	
XAN	comp=Z,4um,16.5s		LR	LR	
XAN	comp=Z,4um,16.0s		LR	LR	
BTO	Baotou	30.26 304	eP	P	16 48 45.2 -6.9
QIZ	Qiongzong	31.62 262	P	P	16 49 04.8 +0.6
QIZ			pP	pP	16 49 13.4 -0.5
QIZ			sP	sP	16 49 17.6 -0.3
QIZ			S	S	16 54 11.8 +0.6
QIZ	comp=Z,790nm,14.5s		LR	LR	
QIZ	comp=Z,1um,16.8s		LR	LR	
QIZ	comp=Z,2um,18.6s		LR	LR	
QIZ	comp=Z,68nm,1.2s		pmax	pmax	
LBMI	Labuha	31.66 211	P	P	16 49 07.2 +2.7
FAKI	Fak Fak	31.90 201	P	P	16 49 09.9 +3.3
FAKI	Fak Fak	31.90 201	eP	P	16 49 05.4 -1.2
CLNS	Chui'man	32.17 341	eP	P	16 49 07.3 -1.4
CLNS			ePPP	PPP	16 50 12.1
CLNS			e	e	16 50 25.4
CLNS			eS	S	16 51 57.4
CLNS			eS	SnSn	16 54 18.7 -0.5
CLNS			pmax	pmax	16 56 13.7 +2.3
CLNS	comp=Z,47nm,1.2s		pmax	pmax	
CLNS	comp=N,30nm,1.1s		pmax	pmax	
CLNS	comp=E,24nm,1.1s		pmax	pmax	
CLNS	comp=Z,11nm,1.1s		pmax	pmax	
CLNS	comp=E,24nm,1.1s		pmax	pmax	
CLNS	comp=N,14nm,0.9s		pmax	pmax	
CLNS	comp=E,413nm,13.9s		smax	smax	
CLNS	comp=N,431nm,12.9s		smax	smax	
CLNS	comp=N,1um,12.0s		MLR	MLR	
CLNS	comp=N,1um,14.0s		MLR	MLR	

CLNS	comp=Z,1um,14.0s		MLR	MLR	
MYLDM	Lahad Datu	32.21 231	P	P	16 49 11.1 +1.7
MYLDM	Lahad Datu	32.21 231	P	P	16 49 11.6 +2.3
MYLDM	Lahad Datu	32.21 231	eP	P	16 49 10.4 +1.0
GYA	Guiyang	32.45 277	P	P	16 49 10.4 -1.1
GYA			pP	pP	16 49 22.8 +1.6
GYA			sP	sP	16 49 23.0 +2.7
GYA			PP	PnPn	16 50 21.2 +2.1
GYA			PcP	PcP	16 51 58.8 +0.5
GYA			S	S	16 54 24.3 0.0
GYA			sS	sS	16 54 42.0 +1.8
GYA			ScP	ScP	16 55 39.5 -0.1
GYA			ScSn	ScSn	16 55 19.2 +0.4
GYA			ScS	ScS	16 59 37.4 -1.9
GYA	comp=Z,60nm,1.0s		pmax	pmax	
GYA	comp=Z,250nm,6.5s		LR	LR	
GYA	comp=Z,3um,17.7s		LR	LR	
GYA	comp=Z,3um,18.2s		LR	LR	
GYA	comp=Z,4um,18.9s		LR	LR	
MA2	Magadan	32.61 7	P	P	16 49 12.4 +0.1
SDKM	Sandakan	32.80 233	P	P	16 49 14.4 -0.3
CIT	Chita	33.11 326	eP	P	16 49 30.2 +1.3
CIT			e	e	16 49 44.0
CIT			e	e	16 54 39.4
CIT			pmax	pmax	16 56 41.6
KKM	Kota Kinabalu	33.23 235	P	P	16 49 19.3 +0.9
KKM	Kota Kinabalu	33.23 235	P	P	16 49 19.5 +1.0
KKM	Kota Kinabalu	33.23 235	eP	P	16 49 18.2 -0.3
MSAI	Masohi	33.48 206	eP	P	16 49 21.8 +1.4
SANI	Sanana	33.60 212	P	P	16 49 23.3 +1.8
MRSI	Marisa	33.60 221	P	P	16 49 23.4 +1.9
KRAI	Karang Ratu	33.67 207	P	P	16 49 23.5 +1.4
AAI	Ambon	34.09 207	P	P	16 49 27.1 +1.4
AAI			P	P	16 49 26.2 +0.5
NLAI	Namlea	34.15 209	P	P	16 49 28.6 +2.4
BNDI	Bandanaira	34.20 204	P	P	16 49 26.6 0.0
LZH	Lanzhou	34.33 295	P	P	16 49 26.7 -1.2
LZH			pP	pP	16 49 37.8 +0.2
LZH			sP	sP	16 49 42.3 +0.7
LZH			eP	PnPn	16 50 43.1 +0.3
LZH			eP	S	16 54 52.2 -1.1
LZH			sS	sS	16 56 07.0 -2.3
LZH			ScSn	ScSn	16 57 02.1 -2.1
LZH	comp=Z,150nm,1.5s		pmax	pmax	
LZH	comp=Z,470nm,5.6s		LR	LR	
LZH	comp=Z,1um,14.2s		LR	LR	
LZH	comp=Z,1um,14.0s		LR	LR	
LZH	comp=Z,2um,18.0s		LR	LR	
LUWI	Luwu	34.38 218	eP	P	16 49 27.4 -0.9
CD2	Chengdu	34.44 285	P	P	16 49 27.4 -1.4
CD2			sP	sP	16 49 42.9 +0.4
CD2			PP	PnPn	16 50 45.3 +1.2
CD2			PcP	PcP	16 54 49.7 -5.2
CD2			S	S	16 55 11.9 +1.0
CD2	comp=Z,250nm,1.0s		pmax	pmax	
CD2	comp=Z,460nm,3.5s		LR	LR	
CD2	comp=Z,4um,17.2s		LR	LR	
CD2	comp=Z,3um,16.7s		LR	LR	
ULN	Ulanbaatar	34.69 316	P	P	16 49 32.0 +1.1
ULN	Ulanbaatar	34.69 316	eP	P	16 49 30.8 0.0
ULN	Ulanbaatar	34.69 316	d P	P	16 49 31.1 +0.2
ULN	comp=Z,68nm,1.2s		pmax	pmax	
APSI	Ampana	34.90 220	P	P	16 49 32.9 +0.1
SONA	Songino Array	35.09 316	eP	P	16 49 33.4 +0.9
SONM	Songino Array	35.09 316	P	P	16 49 34.2 -0.1
SONM	comp=Z,19nm,0.6s,baz=123,slow=7.8,SNR=68		LR	LR	17 04 53.4
YAK	Yakutsk	35.78 349	P	P	16 49 39.5 -0.3
YAK	Yakutsk	35.78 349	LR	LR	17 05 45.3
YAK	Yakutsk	35.78 349	eP	P	16 49 39.6 -0.3
YAK	Yakutsk	35.78 349	iP	P	16 49 39.6 0.0
YAK	comp=Z,34nm,0.7s		pmax	pmax	
PCI	Palu	35.95 222	P	P	16 49 44.0 +2.1
PCI	Palu	35.95 222	P	P	16 49 43.1 +1.2
PCI	comp=Z,59nm,1.0s,comp=Z,886nm		pmax	pmax	
SEY	Seymchan	36.07 7	P	P	16 49 42.4 +0.2
SEY	Seymchan	36.07 7	iP	P	16 49 41.5 -0.8
SLVN	Son La	36.12 269	eP	P	16 49 43.4 0.0
SLVN	comp=Z,59nm,1.0s		pmax	pmax	
KMI	Kunming	36.18 276	P	P	16 49 56.8
KMI			pP	pP	16 49 43.7 -0.3
KMI			S	S	16 49 57.5 -0.3
KMI			pmax	pmax	16 55 21.3 -0.8
KMI	comp=Z,33nm,1.4s		pmax	pmax	
KMI	comp=Z,520nm,3.9s		LR	LR	
KMI	comp=Z,2um,15.8s		LR	LR	
KMI	comp=Z,1um,16.4s		LR	LR	
KMI	comp=Z,1um,17.1s		LR	LR	
BOD	Bodaibo	36.66 334	eP	P	16 49 47.7 +0.3
BOD			pmax	pmax	
PMG	Port Moresby	36.78 173	P	P	16 49 47.8 -1.0
PMG	Port Moresby	36.78 173	eP	P	16 49 47.3 -1.6
PANO	Nakornpanom	36.93 262	P	P	16 49 51.0 +0.8
UBPT	Khong Chiam	36.94 259	P	P	16 49 50.9 +0.7
UBPT	Khong Chiam	36.94 259	P	P	16 49 51.0 +0.7
SAUI	Saumlik	36.98 200	eP	P	16 49 52.3 +1.8
SAUI	Saumlik	36.98 200	eP	P	16 49 50.5 -0.1
SAUI	Saumlik	36.98 200	eP	sP	16 50 04.8 +0.5
SAUI	Sakolnakorn	37.56 262	P	P	16 49 55.7 +0.2
GTA	Gaotai	37.76 300	P	P	16 49 55.6 -1.6
GTA			pP	pP	16 50 05.5 -1.4
GTA			sP	sP	16 50 09.3 -1.7
GTA			PP	PnPn	16 52 14.8 +1.2
GTA			PcP	PcP	16 55 44.3 -1.4
GTA			S	S	16 55 55.6 -6.8
GTA			ScS	ScS	16 56 00.1 +1.4
GTA			ScSn	ScSn	16 58 20.6 -6.6
GTA	comp=Z,30nm,1.3s		pmax	pmax	
GTA	comp=Z,490nm,4.1s		LR	LR	
GTA	comp=Z,2um,15.7s		LR	LR	
GTA	comp=Z,2um,17.6s		LR	LR	

MMSI	Mamuju	37.93 222	P	P	16 50 00.0 +1.3
ZAK	Zakamensk	37.95 318	eP	P	16 49 59.3 +0.7
ZAK			pmax	pmax	16 50 1

Table with columns: Call Sign, Location, Frequency, Power, Modulation, and other technical details. Includes stations like SPITS, KBS, YKA, etc.

Table with columns: Call Sign, Location, Frequency, Power, Modulation, and other technical details. Includes stations like SWMT, CMB, KBZ, etc.

Table with columns: Call Sign, Location, Frequency, Power, Modulation, and other technical details. Includes stations like LKWT, IMW, FLWY, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like K22A Casper, Y14A Wickenburg, RAYN Ar Rayn, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like KECS Kecovo, Ostrava-Krasne, LOT Lotru, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like TREC Trest, ECSD EROS Data Cent, F36A Milina, etc.

GUC 08 16:54:26.9:0.4:31:19S:72:13W, h65km, 19km, ML3.7
ISC 16:54:23.1:3.5:31:18S:0:04:72:30:0:1, h10km, 24km,
n14, -1532/21, Off coast of central Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like LSCH La Serena, TOLLO Astrono, etc.

Table with columns: Station, Name, Frequency, Power, and other technical details. Includes stations like Utarda, PHRA, PBKT, etc.

Table with columns: Station, Name, Frequency, Power, and other technical details. Includes stations like LWLI, MASI, KSI, etc.

Table with columns: Station, Name, Frequency, Power, and other technical details. Includes stations like EKS2, AML, OTUK, etc.

Table with columns: SKDS, BOJS, BOVS, VISS, NVLL, NVLJ, UDBI, UDBI. Includes station names, coordinates, and times.

IDC 08 18:41:27.9-4.2, 13°38'N-91°06'W, h0km, mb3.4/1, mb1 3.5/2, mb1mx3.2/25, mbtmp3.0/2, ML3.4/1, Error ellipse: s-maj=190.3km s-min=74.8km az=53.0, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TXAR, YKA, CMAR.

IDC 08 18:48:43.0-3.1, 4°20'S-151°57'E, h0km, mb3.8/3, mb1 4.0/3, mb1mx3.5/26, mbtmp3.8/3, Error ellipse: s-maj=115.5km s-min=43.6km az=121.0, New Britain region

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

DDA 08 19:09:53.7, 39°39'N, 43°81'E, h7km, Md2.8, Error ellipse: s-maj=11.0km s-min=7.7km az=169.6, CSEM 08 19:09:54.3-0.5, 39°38'N-43°79'E, h5km, Md2.8, Error ellipse: s-maj=11.3km s-min=7.1km az=78.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DYDN, VMUR, AGRB, TUTA, VANS, DIGO, EATA, SKHL.

SKHL 08 19:15:33.0-0.9, 49°37'N-141°91'E, h10km, mb3.6/3, Sakhalin Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like UGL, TYV, NKL, EKMR, KRSC.

KRSC 08 19:22:40.0-0.6, 49°76'N-156°76'E, h22km, 1.4km, ML3.9, Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SKR, PAU, UGLR, SMAR, GNL, HNR, DZM, PMG, CTA, WRAB, WRA, ASAR, CMAR, UAN, ULN.

Table with columns: SONM, QSPA, COLA, ILAR, MKAR. Includes station names, coordinates, and times.

TRN 08 19:33:55.4, 13°85'N-60°34'W, h14km, MD4.0, TRN Felt in Saint Lucia MN Intensities I, III; St. Vincent I, III, NEIC 08 19:33:57.1, 13°91'N-60°34'W, h26km, mb4.2/1, MD4.0 (TRN), ATRN

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MCLT, MOUL, HOSS1, MONT, LPM, BIM, TRMF, ZAM, SVB, BELM, BGGH, GUNH, FCV, FDF, GBMF, MORB, CXM, SVAV, PCLM, DLPL, DLPL, DLPL, BBL, BBL, GRSS, GRSS, GRSS, GRSS, GRSS, GRW, GRW, GRGR, GRGR, GRGR, MGG, MGG, TBG, TBG, DEG, LUEV, HOSN1, HOSN1, TOSP, TOSP, TOSP, GUIV, ANWB, ANWB, ANWB, CRUV, CRUV, GUNV, GUNV, SMRT, SMRT, ORIV, ORIV, CUPV, CUPV, GURV, GURV, BIRV, BIRV, SJG, SJG, SJG, CELP, MERV, LSP, AGPR, TURV, LUEV, LUEV, MAPV, BAUV, TEVP, MOWE, SANV, CURV, DABV, SDV, SDV, SDV, SDDR, VIRV, LGNH, GRTK, GRMC, GARIC, PTGA, PTGA, PTGA, PTGA, RUSC, MONT, CHIC, ROSC, NORC, HELC, DBBC.

ISOC 08 19:33:58.5, 13°94'N-60°09'W, h40km, MW4.2, FUNV 08 19:33:58.8, 13°94'N-60°09'W, h40km, MW4.2, IDC 08 19:33:58.2-0.1, 13°91'N-60°36'W, h43km, mb3.9/10, mb1 4.1/12, mb1mx3.7/44, mbtmp4.1/12, ML3.2/2, MS3.1/6, MS1 3.1/6, ms1mx2.4/43, Error ellipse: s-maj=30.3km s-min=13.3km az=82.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MCLT, MOUL, HOSS1, MONT, LPM, BIM, TRMF, ZAM, SVB, BELM, BGGH, GUNH, FCV, FDF, GBMF, MORB, CXM, SVAV, PCLM, DLPL, DLPL, DLPL, BBL, BBL, GRSS, GRSS, GRSS, GRSS, GRSS, GRW, GRW, GRGR, GRGR, GRGR, MGG, MGG, TBG, TBG, DEG, LUEV, HOSN1, HOSN1, TOSP, TOSP, TOSP, GUIV, ANWB, ANWB, ANWB, CRUV, CRUV, GUNV, GUNV, SMRT, SMRT, ORIV, ORIV, CUPV, CUPV, GURV, GURV, BIRV, BIRV, SJG, SJG, SJG, CELP, MERV, LSP, AGPR, TURV, LUEV, LUEV, MAPV, BAUV, TEVP, MOWE, SANV, CURV, DABV, SDV, SDV, SDV, SDDR, VIRV, LGNH, GRTK, GRMC, GARIC, PTGA, PTGA, PTGA, PTGA, RUSC, MONT, CHIC, ROSC, NORC, HELC, DBBC.

ISOC 08 19:33:58.7-0.9, 13°87'N-0°03'60'W, h05, h47km, gkm, n101, c1943/129, mb4.1/11, MS3.3/3, 11C-5D, Windward Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MCLT, MOUL, HOSS1, MONT, LPM, BIM, TRMF, ZAM, SVB, BELM, BGGH, GUNH, FCV, FDF, GBMF, MORB, CXM, SVAV, PCLM, DLPL, DLPL, DLPL, BBL, BBL, GRSS, GRSS, GRSS, GRSS, GRSS, GRW, GRW, GRGR, GRGR, GRGR, MGG, MGG, TBG, TBG, DEG, LUEV, HOSN1, HOSN1, TOSP, TOSP, TOSP, GUIV, ANWB, ANWB, ANWB, CRUV, CRUV, GUNV, GUNV, SMRT, SMRT, ORIV, ORIV, CUPV, CUPV, GURV, GURV, BIRV, BIRV, SJG, SJG, SJG, CELP, MERV, LSP, AGPR, TURV, LUEV, LUEV, MAPV, BAUV, TEVP, MOWE, SANV, CURV, DABV, SDV, SDV, SDV, SDDR, VIRV, LGNH, GRTK, GRMC, GARIC, PTGA, PTGA, PTGA, PTGA, RUSC, MONT, CHIC, ROSC, NORC, HELC, DBBC.

JMA 08 19:42:03.6-0.1, 24°20'N-121°78'E, h0km, M2.5, TAP 08 19:42:04.9, 24°23'N-121°76'E, h9km, ML3.3, B, ISOC 08 19:42:04.9-0.9, 24°21'N-02°121°80'E, 0.02, h8km, 7km, n62, c085/98, 8C-1D, Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EHP, EHP, TWD, TWD, ENA, ENA, HWA, HWA, TWC, TWC, NNS, NNS, ENT, ENT, WHF, WHF, ESL, ESL, TWE, TWE, TWA, TWA, EHY, EHY, NSTT, NSTT, NWF, NWF, TAP1, TAP1, TAP1, TAP1, SMLT, SMLT, SMLT, TYC, TYC, TYC, NCU, NCU, NCU, TWS1, TWS1, TWS1, HSN, HSN, TWF1, TWF1, NSY, NSY, TCU, TCU, YUS, YUS, YUS, WNT, WNT, YJNG, YJNG, YOJ, YOJ, YOJ, YAL, YAL, CHKT, CHKT, CHNS, CHNS.

Table with columns: GUYC, TOLC, MALC, OTAV, SAML, ATAH, LPAZ, LPAZ, LVC, CPUP, ULM, PDAR, PLCA, NEW, YKA, INUK, ILAR, BRTR. Includes station names, coordinates, and times.

JMA 08 19:42:03.6-0.1, 24°20'N-121°78'E, h0km, M2.5, TAP 08 19:42:04.9, 24°23'N-121°76'E, h9km, ML3.3, B, ISOC 08 19:42:04.9-0.9, 24°21'N-02°121°80'E, 0.02, h8km, 7km, n62, c085/98, 8C-1D, Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EHP, EHP, TWD, TWD, ENA, ENA, HWA, HWA, TWC, TWC, NNS, NNS, ENT, ENT, WHF, WHF, ESL, ESL, TWE, TWE, TWA, TWA, EHY, EHY, NSTT, NSTT, NWF, NWF, TAP1, TAP1, TAP1, TAP1, SMLT, SMLT, SMLT, TYC, TYC, TYC, NCU, NCU, NCU, TWS1, TWS1, TWS1, HSN, HSN, TWF1, TWF1, NSY, NSY, TCU, TCU, YUS, YUS, YUS, WNT, WNT, YJNG, YJNG, YOJ, YOJ, YOJ, YAL, YAL, CHKT, CHKT, CHNS, CHNS.

JMA 08 19:42:03.6-0.1, 24°20'N-121°78'E, h0km, M2.5, TAP 08 19:42:04.9, 24°23'N-121°76'E, h9km, ML3.3, B, ISOC 08 19:42:04.9-0.9, 24°21'N-02°121°80'E, 0.02, h8km, 7km, n62, c085/98, 8C-1D, Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EHP, EHP, TWD, TWD, ENA, ENA, HWA, HWA, TWC, TWC, NNS, NNS, ENT, ENT, WHF, WHF, ESL, ESL, TWE, TWE, TWA, TWA, EHY, EHY, NSTT, NSTT, NWF, NWF, TAP1, TAP1, TAP1, TAP1, SMLT, SMLT, SMLT, TYC, TYC, TYC, NCU, NCU, NCU, TWS1, TWS1, TWS1, HSN, HSN, TWF1, TWF1, NSY, NSY, TCU, TCU, YUS, YUS, YUS, WNT, WNT, YJNG, YJNG, YOJ, YOJ, YOJ, YAL, YAL, CHKT, CHKT, CHNS, CHNS.

JMA 08 19:42:03.6-0.1, 24°20'N-121°78'E, h0km, M2.5, TAP 08 19:42:04.9, 24°23'N-121°76'E, h9km, ML3.3, B, ISOC 08 19:42:04.9-0.9, 24°21'N-02°121°80'E, 0.02, h8km, 7km, n62, c085/98, 8C-1D, Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EHP, EHP, TWD, TWD, ENA, ENA, HWA, HWA, TWC, TWC, NNS, NNS, ENT, ENT, WHF, WHF, ESL, ESL, TWE, TWE, TWA, TWA, EHY, EHY, NSTT, NSTT, NWF, NWF, TAP1, TAP1, TAP1, TAP1, SMLT, SMLT, SMLT, TYC, TYC, TYC, NCU, NCU, NCU, TWS1, TWS1, TWS1, HSN, HSN, TWF1, TWF1, NSY, NSY, TCU, TCU, YUS, YUS, YUS, WNT, WNT, YJNG, YJNG, YOJ, YOJ, YOJ, YAL, YAL, CHKT, CHKT, CHNS, CHNS.

JMA 08 19:42:03.6-0.1, 24°20'N-121°78'E, h0km, M2.5, TAP 08 19:42:04.9, 24°23'N-121°76'E, h9km, ML3.3, B, ISOC 08 19:42:04.9-0.9, 24°21'N-02°121°80'E, 0.02, h8km, 7km, n62, c085/98, 8C-1D, Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EHP, EHP, TWD, TWD, ENA, ENA, HWA, HWA, TWC, TWC, NNS, NNS, ENT, ENT, WHF, WHF, ESL, ESL, TWE, TWE, TWA, TWA, EHY, EHY, NSTT, NSTT, NWF, NWF, TAP1, TAP1, TAP1, TAP1, SMLT, SMLT, SMLT, TYC, TYC, TYC, NCU, NCU, NCU, TWS1, TWS1, TWS1, HSN, HSN, TWF1, TWF1, NSY, NSY, TCU, TCU, YUS, YUS, YUS, WNT, WNT, YJNG, YJNG, YOJ, YOJ, YOJ, YAL, YAL, CHKT, CHKT, CHNS, CHNS.

JMA 08 19:42:03.6-0.1, 24°20'N-121°78'E, h0km, M2.5, TAP 08 19:42:04.9, 24°23'N-121°76'E, h9km, ML3.3, B, ISOC 08 19:42:04.9-0.9, 24°21'N-02°121°80'E, 0.02, h8km, 7km, n62, c085/98, 8C-1D, Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EHP, EHP, TWD, TWD, ENA, ENA, HWA, HWA, TWC, TWC, NNS, NNS, ENT, ENT, WHF, WHF, ESL, ESL, TWE, TWE, TWA, TWA, EHY, EHY, NSTT, NSTT, NWF, NWF, TAP1, TAP1, TAP1, TAP1, SMLT, SMLT, SMLT, TYC, TYC, TYC, NCU, NCU, NCU, TWS1, TWS1, TWS1, HSN, HSN, TWF1, TWF1, NSY, NSY, TCU, TCU, YUS, YUS, YUS, WNT, WNT, YJNG, YJNG, YOJ, YOJ, YOJ, YAL, YAL, CHKT, CHKT, CHNS, CHNS.

Table with columns for station call signs (e.g., OZH, CUYO, GUIM), frequencies, and various parameters like SNR and error rates.

Table with columns for station call signs (e.g., USRK, GTA, JAY, LSA), frequencies, and various parameters like SNR and error rates.

Table with columns for station call signs (e.g., ARU, ZEI, KBZ, KIV), frequencies, and various parameters like SNR and error rates.

IDC 08 21:01:15.9.2.4, 49.365x111.08E, h0km, mb3.7/3, mb1.4/0.5, mb1mx3.7/32, mbtm3.7/3, Error ellipse: s-maj=57.8km s-min=54.8km az=127.0, Southeast Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Lists stations like H01W2 Cape Leeuwin H, H01W1 Cape Leeuwin H, etc.

IDC 08 21:11:42.4.1.6, 8.76Sx127.08E, h0km, mb3.7/3, mb1.3/0.6, mb1mx3.6/30, mbtm3.7/6, ML3.7/3, MS3.0/2, ms1.3/0.2, ms1mx2.5/35, Error ellipse: s-maj=77.9km s-min=23.8km az=68.0

ISCJB 08 21:11:44.9.0.9, 9.04Sx101.00E, 0.1h, h33km, mb3.6/3, MS2.9/2, Error ellipse: s-maj=21.0km s-min=8.0km az=158.0

ISC 08 21:11:46.8.1.1, 8.96Sx101.127.1E, 0.2, h35km, nb, r156f9, mb3.7/3, Timor region

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

ISCJB 08 21:30:06.6.0.7, 51.37Nx160.09E, 0.03, h0km, Error ellipse: s-maj=4.9km s-min=3.0km az=12.2

CSEM 08 21:30:07.2.0.7, 51.42N, 16.06E, h1km, ML2.4, Error ellipse: s-maj=11.4km s-min=8.5km az=153.0

VIE 08 21:30:08.8.0.3, 51.25N, 16.13E, h0km, mb2.5/1, ml2.6/4, Error ellipse: s-maj=2.0km s-min=1.7km az=9.0, Suspected Mining induced.

ISC 08 21:30:08.1.1, 51.36N, 0.05, 16.11E, 0.03, h0km, n23, r0568/52, 3C-1D, Poland

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

8d 22h

Table with columns: ID, Name, Time, Date, Status, and other details. Includes entries like W18A Petrified Fore, N23A Red Feather La, X18A Snowflake, etc.

2011 FEB

Table with columns: ID, Name, Time, Date, Status, and other details. Includes entries like IL1 Eielson Array, ILAR Eielson Array, ILAR comp=Z,1.8nm,1.0s, etc.

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Table with columns: ID, Name, Time, Date, Status, and other details. Includes entries like DAG Danmarks Havn, TAOE Nuku Hiva Island, TIXI Tikisi, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like Panska Ves, Berggiesshubel, Kraliky, Prague, GO Pecny, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like Moosalm, MOTA, MORA, MORA, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other parameters. Includes stations like Tana Toraja, Sidrap Palu, Mamuju, Majene, etc.

Table with columns: Station Name, Az, Phase, ID, Time, Res. Includes stations like Chichijima, Haha-jima, BSO3, etc.

Table with columns: Station Name, Az, Phase, ID, Time, Res. Includes stations like SIPP, ABRA, PASUQUIN, etc.

CSEM 09 00:45:10.6, 43.40N, 12.48E, h8km, MD1.777
ROM 09 00:45:10.6, 43.40N, 12.48E, h8km, MD1.777,
MID 9/4, Error ellipse: s-maj=1.3km s-min=1.3km
az=97.0, Central Italy

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

BEO 09 00:45:18.0, 44.00N, 15.66E, h0km, M3.1/77
ISCJB 09 00:45:19.0, 44.00N, 15.84E, h2km, 4km,
mb3.3/1, Error ellipse: s-maj=2.9km s-min=2.1km
az=141.4
ROM 09 00:45:18.7, 43.91N, 15.95E, h5km, M2.9/24, Error
ellipse: s-maj=3.5km s-min=1.4km az=144.0
PDG 09 00:45:19.3, 43.95N, 15.84E, h2km, M3.2/8,
Error ellipse: s-maj=1.0km s-min=0.9km az=90.0
VIE 09 00:45:19.0, 43.95N, 16.05E, h10km, M3.8/13,
m3.1/14, Error ellipse: s-maj=5.8km s-min=4.8km
az=151.0
IDC 09 00:45:19.7, 44.09N, 16.19E, h0km, mb3.3/1,
mb1.3.5/5, mb1mx3.2/46, mbmt3.3/5, ML3.2/3, Error
ellipse: s-maj=24.9km s-min=19.6km az=63.0
CSEM 09 00:45:19.7, 43.95N, 15.83E, h2km, ML3.4, Error
ellipse: s-maj=3.0km s-min=2.3km az=25.0
PRU 09 00:45:20.7, 43.98N, 16.02E, h0km, M3.1/17, Error
LDG 09 00:45:20.2, 41.43N, 15.77E, h2km, M3.1/17, Error
ellipse: s-maj=2.7km s-min=2.3km az=153.0
ATH 09 00:46:10.0, 41.97N, 19.99E, h33km, 50km, ML1.2/1, Error
ellipse: s-maj=57.1km s-min=8.1km az=310.0, Analyst:
F.HALARIS ML Amplitudes are expressed in micrometres
All distances are expressed in km

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like UDBI, NOVALJA, BANJA LUKA, etc.

Main table with columns: Station Name, Az, Phase, ID, Time, Res. Includes stations like ARVD, PESAS, PESA, BRY, etc.

Table with columns: Station Name, Az, Phase, ID, Time, Res. Includes stations like MATE, GRUS, KBA, etc.

Station	Frequency	Power	Height	Antenna	Mode	Time	Offset	Notes
LKWY	comp=Z,11nm,0.8s							
IMW	Indian Meadow	39.79	78	eP	P	00 59 52.1	+1.3	
FLWY	Flagg Ranch	39.83	78	eP	P	00 59 52.8	+1.8	
VESY	Vestal, Richgr	39.85	94	P	P	00 59 52.3	+1.3	
FWXV	Fox Creek	39.89	78	eP	P	00 59 53.0	+1.5	
FXWY	comp=Z,2.7nm,0.9s							
HVVU	Hansel Valley	39.93	82	eP	P	01 01 56.2	+1.4	
HVVU	Hansel Valley	39.93	82	eP	P	00 59 53.7	+2.0	
MOOV	comp=Z,4.0nm,0.7s							
MOOV	Moose Ponds	39.99	78	eP	P	00 59 53.7	+1.3	
RLMT	Red Lodge	40.09	75	eP	P	01 01 56.4	+1.2	
RLMT	Red Lodge	40.09	75	eP	P	00 59 54.1	+1.0	
RLMT	Red Lodge	40.09	75	eP	P	00 59 54.3	+1.2	
REDW	Red Top Meadow	40.15	79	eP	P	00 59 55.6	+2.0	
LOHW	Long Hollow	40.15	78	eP	P	00 59 55.0	+1.3	
ISA	Isabella, Lake	40.34	94	P	P	00 59 57.4	+2.2	
R11A	Troy Canyon, C	40.34	88	P	P	00 59 57.3	+2.1	
R11A	Troy Canyon, C	40.34	88	eP	P	00 59 57.6	+2.4	
R11A	Troy Canyon, C	40.34	88	eP	P	01 01 21.6	+0.4	
R11A	Troy Canyon, C	40.34	88	eP	P	01 01 57.5	+1.2	
AHID	Auburn Hatcher	40.35	80	eP	P	00 59 56.7	+1.4	
TPNV	Topopah Spring	40.84	90	eP	P	01 00 02.1	+2.8	
TPNV	Topopah Spring	40.84	90	eP	P	01 00 02.1	+2.8	
TPNV	Topopah Spring	40.84	90	eP	P	01 00 25.6	+0.3	
DUG	Dugway, Tooele	40.87	84	eP	P	01 00 00.7	+1.2	
DUG	Dugway, Tooele	40.87	84	eP	P	01 00 01.0	+1.5	
DUG	Dugway, Tooele	40.87	84	eP	P	01 00 25.8	+0.3	
DUG	Dugway, Tooele	40.87	84	eP	P	01 00 25.8	+0.3	
BOD	Bodaibo	40.93	308	eP	P	00 59 58.4	-1.2	
BOD	Bodaibo	40.93	308	eP	P			
DGMT	Dagmar	41.18	68	P	P	01 00 02.2	+0.4	
BW06	Boulder Array	41.27	79	P	P	01 00 03.5	+0.7	
BW06	Boulder Array	41.27	79	eP	P	01 00 04.0	+1.1	
PD31	Pinedale Array	41.27	79	eP	P	01 00 03.8	+0.8	
PD31	Pinedale Array	41.27	79	eP	P	01 00 28.4	-0.5	
PD31	Pinedale Array	41.27	79	eP	P	01 01 59.2	-0.1	
PD31	Pinedale Array	41.27	79	eP	P	01 00 39.0	+0.7	
PDAR	Pinedale Array	41.27	79	eP	P	01 00 03.8	+0.8	
PDAR	Pinedale Array	41.27	79	eP	P	01 00 28.4	-0.5	
PDAR	Pinedale Array	41.27	79	eP	P	01 01 59.2	-0.1	
PDAR	Pinedale Array	41.27	79	eP	P	01 05 39.0	+0.7	
PSUT	Pine Spring	41.27	87	eP	P	01 00 05.2	+2.3	
NLU	North Lily Min	41.46	84	eP	P	01 00 06.2	+1.8	
NLU	North Lily Min	41.46	84	eP	P	01 00 30.2	-0.2	
A25A	Svangstu Ranch	41.54	67	P	P	01 00 04.7	0.0	
GSC	Goldstone, Bar	41.59	93	P	P	01 00 07.9	+2.4	
GSC	Goldstone, Bar	41.59	93	eP	P	01 00 08.1	+2.7	
GSC	Goldstone, Bar	41.59	93	eP	P	01 00 31.6	+0.1	
GSC	Goldstone, Bar	41.59	93	eP	P	01 00 08.5	+2.7	
GSC	Goldstone, Bar	41.59	93	eP	P	01 00 31.6	+0.1	
BFSO	Mount Baldy Ra	41.80	95	P	P	01 00 09.0	+1.9	
B25A	Knox Farm, Ray	41.87	68	P	P	01 00 07.7	+0.3	
CN2	Changchun	41.95	84	eP	P	01 00 05.5	-2.5	
A26A	Wade Farm, Ken	42.16	67	P	P	01 00 09.2	-0.6	
HIA	Hailar	42.16	294	eP	P	01 00 09.6	-0.2	
HIA	Hailar	42.16	294	eP	P	01 00 09.6	-0.2	
HIA	Hailar	42.16	294	eP	P			
HEC	Hector, Ludlow	42.20	93	P	P	01 00 10.8	+0.5	
MSU	Marysvalde	42.20	85	eP	P	01 00 30.2	-7.2	
MSU	Marysvalde	42.20	85	eP	P	01 02 02.4	-0.4	
TMUT	Trail Mountain	42.39	84	eP	P	01 00 09.0	-3.2	
MURC	Murieta	42.52	95	P	P	01 00 14.1	+1.2	
GMRC	Granite Mounta	42.64	92	P	P	01 00 15.0	+1.1	
Q16A	Castle Valley	42.65	84	P	P	01 00 14.0	-0.1	
C26A	Wahner Farm, P	42.71	68	P	P	01 00 14.8	+0.5	
E25A	Miller Ranch,	42.71	70	P	P	01 00 15.0	+0.7	
F25A	Bowman	43.01	71	P	P	01 00 17.3	+0.6	
C27A	Saylor Ranch,	43.11	68	P	P	01 00 17.8	+0.4	
K22A	Casper	43.13	77	P	P	01 00 18.7	+0.8	
K22A	Casper	43.13	77	eP	P	01 00 18.3	+0.4	
K22A	Casper	43.13	77	eP	P	01 00 43.2	-0.9	
A26A	Rude Farm, Bot	43.14	66	P	P	01 00 18.0	+0.4	
E26A	Carlson Angus	43.26	70	P	P	01 00 19.4	+0.7	
B28A	Dugan Ranch, T	43.34	66	P	P	01 00 19.8	+0.5	
IRM	Iron Mountain	43.38	93	P	P	01 00 21.9	+2.2	
G25A	Newell	43.45	72	P	P	01 00 20.5	+0.3	
U15A	North Rim	43.58	88	eP	P	01 00 23.5	+1.8	
O20A	White River Ci	43.65	81	P	P	01 00 22.7	+0.6	
O20A	White River Ci	43.65	81	eP	P	01 00 22.9	+0.8	
A29A	Manning Farm,	43.70	65	P	P	01 00 22.5	+0.3	
RSSD	Black Hills	43.72	73	P	P	01 00 22.8	+0.2	
RSSD	Black Hills	43.72	73	eP	P	01 00 23.0	+0.4	
RSSD	Black Hills	43.72	73	eP	P	01 02 07.8	+0.3	
RSSD	Black Hills	43.72	73	eP	P	01 00 23.0	+0.4	
RSSD	Black Hills	43.72	73	eP	P	01 02 07.8	+0.3	
RSSD	Black Hills	43.72	73	eP	P			
E27A	Carson	43.80	69	P	P	01 00 23.6	+0.6	
F27A	Lemmon	43.86	70	P	P	01 00 23.8	+0.3	
G26A	Maurine	43.86	71	P	P	01 00 23.8	+0.3	
I25A	Rochford	43.95	73	P	P	01 00 24.4	-0.1	
Y12C	Blythe	44.03	93	P	P	01 00 27.4	+2.4	
MDND	Maddock	44.09	67	P	P	01 00 25.7	+0.4	
MDND	Maddock	44.09	67	eP	P	01 00 26.2	+0.9	
MDND	Maddock	44.09	67	eP	P	01 01 51.6	0.0	
H26A	Fairpoint	44.16	72	P	P	01 00 25.9	0.0	
G27A	Dupree	44.20	71	P	P	01 00 26.4	+0.2	
A30A	Hotfart Farm,	44.20	65	P	P	01 00 26.1	-0.1	
PV10	Paradox Valley	44.28	83	eP	P	01 00 29.4	+2.1	
KSRS	Korea Alley	44.38	275	P	P	01 00 27.7	+0.3	
KSRS	Korea Alley	44.38	275	P	P			
KSRS	Korea Alley	44.38	275	P	P	01 02 09.8	+0.3	

Station	Frequency	Power	Height	Antenna	Mode	Time	Offset	Notes
KS01	Wonju Array Si	44.39	275	eP	P	01 00 27.2	-0.5	
KS01	Wonju Array Si	44.39	275	eP	P	01 02 09.5	-0.1	
KS15	Wonju Array Si	44.41	275	eP	P	01 00 27.9	0.0	
KSAR	Wonju Array Be	44.41	275	eP	P	01 02 09.8	+0.2	
KSAR	Wonju Array Be	44.41	275	eP	P	01 00 27.9	0.0	
KSAR	Wonju Array Be	44.41	275	eP	P	01 02 09.8	+0.2	
KSAR	Wonju Array Be	44.41	275	eP	P	01 00 28.0	0.0	
I26A	New Underwood	44.45	73	P	P	01 02 09.9		
B30A	Myr Farm, E	44.46	65	P	P	01 00 28.2	0.0	
D29A	Pettibone, Tap	44.55	67	P	P	01 00 29.2	+0.2	
N23A	Red Feather La	44.55	78	P	P	01 00 30.3	+0.9	
F28A	McLaughlin	44.57	70	P	P	01 00 29.5	+0.3	
PV01	Paradox Valley	44.72	83	eP	P	01 00 32.0	+1.3	
WUAZ	Wupatki	44.74	88	eP	P	01 00 32.8	+2.0	
WUAZ	Wupatki	44.74	88	eP	P			
WUAZ	Wupatki	44.74	88	eP	P	01 00 31.8	+1.0	
ULM	Lac du Bonnet	44.78	62	eP	P	01 00 56.9	-0.3	
ULM	Lac du Bonnet	44.78	62	eP	P	01 00 30.9	+0.2	
ULM	Lac du Bonnet	44.78	62	eP	P	01 02 10.3	-0.4	
ULM	Lac du Bonnet	44.78	62	eP	P	01 00 30.9	+0.2	
ULM	Lac du Bonnet	44.78	62	eP	P	01 02 10.3		
C30A	Meekin	44.80	66	P	P	01 00 31.2	+0.3	
B31A	Greenbush Farm	44.85	65	P	P	01 00 31.4	+0.1	
I27A	Quinn	44.90	72	P	P	01 00 31.8	-0.1	
G28A	Parade	44.95	71	P	P	01 00 32.2	0.0	
D30A	Buchanan	44.99	67	P	P	01 00 32.2	-0.2	
F29A	Eureka	45.13	69	P	P	01 00 33.5	-0.1	
H28A	Mission Ridge	45.13	71	P	P	01 00 33.6	0.0	
C31A	Landman Farms,	45.16	66	P	P	01 00 34.0	+0.3	
A32A	Rocking H Ranch	45.20	64	P	P	01 00 33.9	-0.2	
MVCO	Mesa Verde	45.37	84	P	P	01 00 36.5	+0.7	
J27A	Elkhorn Farm,	45.42	73	P	P	01 00 36.3	+0.3	
ISCO	Idaho Springs	45.43	79	P	P	01 00 38.2	+1.8	
X16A	Lo Mia Camp, P	45.44	89	eP	P	01 00 39.3	+2.9	
X16A	Lo Mia Camp, P	45.44	89	eP	P	01 01 03.7	+0.9	
I28A	Midland	45.45	72	P	P	01 00 36.3	+0.2	
G29A	Hoven	45.45	70	P	P	01 00 35.9	-0.2	
B32A	Ashes, Strandq	45.47	64	P	P	01 00 36.2	-0.1	
D31A	McClaffin, Tow	45.60	66	P	P	01 00 37.1	-0.1	
J28A	Allard Ranch,	45.76	73	P	P	01 00 38.6	0.0	
A33A	Warrod	45.78	63	P	P			

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like FUORN, OBKA, TUE, VOIR, etc.

ISC/JB 09 00:54:05.7, 0.5, 37.90N, 0.03, 27.41E, 0.03, h10km, 5km, Error ellipse: s-maj=4.4km, s-min=4.2km, az=1.5

CSEM 09 01:15:19.7, 0.6, 37.70N, 0.4, 27.36E, h2km, MD2.4, Error ellipse: s-maj=3.9km, s-min=3.3km, az=88.0

DDA 09 00:54:05.5, 37.90N, 27.37E, h7km, MD2.8, Error ellipse: s-maj=4.0km, s-min=3.7km, az=1.2

ISC 09 00:54:05.3, 37.93N, 27.41E, h6km, MD2.8, Error ellipse: s-maj=4.0km, s-min=3.7km, az=1.2

ISC 09 00:54:05.4, 0.9, 37.91N, 0.02, 27.40E, 0.02, h10km, 8km, n36, c084/51, Turkey

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like GCAM, AYDB, Zeytinkoy-Aydi, etc.

Table with columns: KCTX, Karacabey (Bur), 2.47, 17, ePn, Pn, 00 54 47.2 +1.5, 00 54 47.2 +1.5

CSEM 09 01:15:19.7, 0.6, 37.70N, 0.4, 27.36E, h2km, MD2.4, Error ellipse: s-maj=3.9km, s-min=3.3km, az=88.0

NSCC 09 01:15:19.7, 0.3, 1.1, 37.20N, 0.9, 27.36E, h66km, 10km, ML1.6, Error ellipse: s-maj=1.1km, s-min=0.9km, az=140.0

ISK 09 01:15:19.7, 0.3, 1.1, 37.17N, 0.4, 27.2E, h2km, MD2.8, Error ellipse: s-maj=1.1km, s-min=0.9km, az=140.0

ISC 09 01:15:20.1, 1.2, 37.06N, 0.04, 41.22E, 0.04, h31km, 12km, n22, c083/31, Turkey

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like KBSD, MAZI, MZKR, etc.

IDC 09 01:22:18.8, 3.4, 12.86N, 144.45E, h0km, mb3.3/4, mb1 3.4/4, mb1mx3.3/59, mbtmp3.3/4, Error ellipse: s-maj=76.1km, s-min=21.7km, az=143.0, South of Mariana Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like GUMO, H1S3, H1S1, etc.

IDC 09 01:29:24.9, 12.0, 15.54S, 173.01W, h0km, mb3.7/3, mb1 4.0/4, mb1mx3.7/37, mbtmp3.7/4, ML3.6/1, Error ellipse: s-maj=566.4km, s-min=24.9km, az=140.0, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like AFI, H1S1, H1S3, etc.

IDC 09 01:29:45.0, 0.6, 14.29S, 166.59E, h0km, mb4.6/21, mb1 4.7/24, mb1mx4.6/37, mbtmp4.6/24, ML2.7/1, MS4.2/22, Ms1 4.2/22, ms1mx4.1/31, Error ellipse: s-maj=17.4km, s-min=13.5km, az=109.0

ISC/JB 09 01:29:48.2, 0.3, 14.31S, 0.04, 166.59E, 0.05, h28km, mb4.8/73, MS4.3/27, Error ellipse: s-maj=7.2km, s-min=5.3km, az=18.0

BUI 09 01:29:48.8, 14.01S, 166.48E, h16km, mb4.9/51, mb5.4/41, Ms5.2/25, Ms7.4/25

GCMT 09 01:29:49.0, 0.2, 14.21S, 166.50E, h12km, MW5.1/81, Moment Tensor Solution, s1, c89; s81, c135; Duration: 0. Moment tensor: Scale 1051N; Mr, 3.93e-12; Mw=5.01e+09; Mo=1.07e+12; Me=1.33e+27; Mo=0.31e+09; Mw=2.24e+42; Best double couple: Mo=2.6500e+10; NP1=67.00000; delta=59.00000; lambda=57.00000; NP2=298.00000; delta=44.00000; lambda=132.00000; Principal axes: T=5.3260, Plg61.0000, Azm285.0000; N=0.1320, Plg28.0000, Azm85.0000; P=-5.2040, Plg8.0000, Azm180.0000; nsta1 refers to body waves, cutoff=40s.

NEIC 09 01:29:49.2, 1.1, 14.26S, 166.59E, h28km, 15km, mb5.0/41, Error ellipse: s-maj=4.2km, s-min=3.6km, az=145.0

MOS 09 01:29:50.0, 1.1, 14.21S, 166.34E, h33km, mb5.1/21, Error ellipse: s-maj=11.3km, s-min=9.6km, az=134.2

ISC 09 01:29:50.1, 0.3, 14.31S, 0.05, 166.56E, 0.06, h28km, n197, c146/217, mb4.9/73, MS4.3/27, 4C-1D, Vanuatu Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like DZM, HNR, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like HNR, FUNA, EIDS, PMG, etc.

Table with columns: Station Name, SNR, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like NAX, EKAR, SVAN, VRTB, etc.

CSEM 09 03:09:54.3:0.2,37.71N:21.91E, h10km, ML1.4, Error ellipse: s-maj=4.3km s-min=2.8km az=79.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like AMT, DRO, KLV, etc.

Table with columns: Station Name, SNR, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ITM, AXS, KALE, etc.

CASC 09 03:10:22.7:2.3,9.65N:78.99W, h14km, MD4.3, mb4.1(NEIC)

IDC 09 03:10:26.6:1.2,9.74N:79.72W, h0km, mb3.4/2, mb1 3.6/3

ISC/JB 09 03:10:31.2:0.4,9.77N:0.04:79.58W:0.03, h56km, mb3.6/3, MS4.5/1, Error ellipse: s-maj=5.2km s-min=4.5km

BUJ 09 03:10:32.7:9.70N:79.60W, h35km, Ms7 4.6/1

NEIC 09 03:10:32.2:0.6,9.75N:79.56W, h35km, mb4.1/2, ML4.2(U/A), Error ellipse: s-maj=10.4km s-min=10.2km

NEIC Felt [III] at Balboa and [II] at Ancon and Panama. Felt in Colon, Kuna Yala and Panama.

ISC 09 03:10:33.4:0.6,9.74N:0.06:79.61W:0.06, h56km, n45, az=211.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like BCIP, PANG, AZU, etc.

ROSC comp=2.74nm,20.3s,baz=226,slow=46

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like RUSC, CHIC, CRUC, etc.

CSEM 09 03:11:06.7,40.66N:29.09E, h6km, MD2.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ARMT, GEMT, MDNY, etc.

Table with columns: Station Name, SNR, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ISK, ADVT, etc.

DDA 09 03:13:06.9,40.62N:29.05E, h7km, Md2.6

ISC/JB 09 03:13:07.4:0.4,40.66N:0.02:29.07E:0.03, h7km,4km, Error ellipse: s-maj=4.5km s-min=3.9km az=37.2

CSEM 09 03:13:07.6:0.1,40.66N:29.09E, h8km, MD2.7, Error ellipse: s-maj=1.8km s-min=1.6km az=85.0

ISC 09 03:13:07.1:40.66N:29.07E, h5km, MD2.7

ISC 09 03:13:07.6:0.4,40.66N:0.02:29.07E:0.02, h13km,6km, n53, az=46/68, Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ARMT, GEMT, MDNY, etc.

ISK 09 03:31:01.4,37.63N:43.85E, h4km, ML3.2

CSEM 09 03:31:02.0:0.7,37.67N:43.86E, h2km, MD3.2, Error ellipse: s-maj=15.2km s-min=5.6km az=103.0

DDA 09 03:31:03.9,37.77N:43.68E, h7km, MD3.2

ISC 09 03:31:02.6:1.3,37.66N:0.03:43.89E:0.06, h18km,5km, n39, az=175/54, Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like HAKT, CUKT, GEVA, etc.

Table with columns: DYBB, Diyarbakir, 2.98 277 ePn, Pn, 03 31 50.8 +1.8, etc.

IDC 09 03:40:36.4 1.3, 14.175s:166.62E, h0km, mb4.1/7, mb1 4.2/8, mb1mx4.0/34, mbtmp4.1/8, ML4.0/1, MS3.2/4, Ms1 3.2/4, ms1mx2.9/34, Error ellipse: s-maj=41.4km s-min=22.1km az=113.0

ISCJB 09 03:40:41.3 1.0, 14.315s:07.166E, 5E.0, 2, h43km, mb4.0/7, MS3.5/2, Error ellipse: s-maj=28.7km s-min=10.1km az=175.6

ISC 09 03:40:42.5 1.1, 14.235s:009.166E, 0.2, h43km, n11, r1506.10, mb4.0/7, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC

IDC 09 03:54:07.9 2.7, 4.95S:147.77E, h0km, mb3.3/1, mb1 3.8/2, mb1mx3.3/2, mbtmp3.5/2, ML4.0/1, MS3.3/1, Ms1 3.3/1, ms1mx2.3/1, Error ellipse: s-maj=301.4km s-min=50.3km az=110.0, Bismark Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC

MAN 09 03:55:41, 13.56N:120.50E, h76km, mb3.9, ML2.6, MS2.2, 1C, Mindoro

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC

MEX 09 04:03:26.7 0.7, 18.39N:103.22W, h8km, 226km, MD3.6, Near coast of Michoacan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC

IDC 09 04:07:48.9 1.5, 31.56N:77.93E, h0km, mb3.4/7, mb1 3.6/8, mb1mx3.4/4, mbtmp3.4/8, ML2.9/1, Error ellipse: s-maj=48.3km s-min=21.1km az=66.0

ISCJB 09 04:07:51.8 0.7, 31.55N:078.73E, 0.2, h17km, mb3.3/7, Error ellipse: s-maj=26.0km s-min=8.3km az=5.7

ISC 09 04:07:52.8 1.0, 31.71N:077.78E, 1E.0, h17km, n9, r135/10, mb3.7/7, Western Xizan-India border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC

NIED 09 04:17:00, 44.30N:146.90E, h110km, Mw4.1 Best double couple: Mo:1.45000e+105 NP1:3e9.00000e+0, s2:9.00000e+0, lambda:162.00000e+0, NP2:3e3.00000e+0, delta:0.00000e+0, lambda:62.00000e+0

MOS 09 04:17:49.0 2.4, 44.46N:146.86E, h117km, mb4.0/17, Error ellipse: s-maj=10.9km s-min=7.1km az=80.1

ISCJB 09 04:17:49.3 0.4, 44.41N:0.03:146.91E:0.05, h119km, 3km, mb3.9/24, Error ellipse: s-maj=6.4km s-min=4.5km az=38.0

IDC 09 04:17:50.5 0.4, 44.52N:146.80E, h112km, 5km, mb3.7/21, mb1 3.9/26, mb1mx3.7/51, mbtmp4.0/26, Error ellipse: s-maj=15.5km s-min=10.3km az=154.0

SKHL 09 04:17:50.3 0.5, 44.36N:146.88E, h119km, 5km, mb4.9/9, ms4.2/1

JMA 09 04:17:51.4 0.5, 44.29N:146.91E, h103km, 4km, M3.9

ISC 09 04:17:50.2 0.5, 44.42N:0.04:146.87E:0.05, h112km, 4km, n89, r1918/107, mb3.9/24, 8C-2D, Kuril Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC

Table with columns: SHO, comp=E, 531nm, 0.2s, pmax, pmax

Table with columns: SHO, comp=Z, 2um, 0.2s, pmax, pmax

Table with columns: SHO, comp=N, 1um, 0.3s, smax, smax

Table with columns: SHO, comp=N, 39um, 0.3s, smax, smax

Table with columns: SHO, comp=E, 51um, 0.6s, smax, smax

Table with columns: YUK, Yuzh-Kuril'sk, 0.82 2431 i/P, Pn, 04 18 10.3 +0.5

Table with columns: YUK, comp=E, 2um, 0.5s, AMB, AMB, 04 18 11.6

Table with columns: YUK, comp=E, 4um, 0.5s, AMB, AMB, 04 18 11.6

Table with columns: YUK, comp=E, 550nm, 0.2s, i/S, S, 04 18 25.2 +0.7

Table with columns: YUK, comp=E, 4um, 0.7s, A, A, 04 18 26.0

Table with columns: YUK, Yuzh-Kuril'sk, 0.82 243C i/P, Pn, 04 18 10.3 +0.5

Table with columns: YUK, comp=E, 2um, 0.5s, pmax, pmax, 04 18 02.0

Table with columns: YUK, comp=Z, 4um, 0.5s, pmax, pmax, 04 18 02.0

Table with columns: YUK, comp=N, 554nm, 0.2s, smax, smax, 04 18 02.0

Table with columns: YUK, comp=N, 4um, 0.6s, smax, smax, 04 18 02.0

Table with columns: YUK, comp=E, 4um, 0.8s, smax, smax, 04 18 02.0

Table with columns: KUR, Kuril'sk, 1.08 41 i/P, Pn, 04 18 13.1 +0.8

Table with columns: KUR, comp=E, 140nm, 0.4s, AMB, AMB, 04 18 13.6

Table with columns: KUR, comp=E, 400nm, 0.4s, AMB, AMB, 04 18 13.6

Table with columns: KUR, comp=E, 1um, 0.5s, i/S, S, 04 18 30.6 +1.5

Table with columns: KUR, comp=E, 360nm, 0.5s, A, A, 04 18 31.3

Table with columns: KUR, comp=E, 3um, 3.0s, A, A, 04 18 31.5

Table with columns: KUR, Kuril'sk, 1.08 41 d i/P, Pn, 04 18 13.1 +0.8

Table with columns: KUR, comp=Z, 397nm, 0.7s, i/S, S, 04 18 30.2 +1.1

Table with columns: KUR, comp=N, 142nm, 0.2s, pmax, pmax, 04 18 14.8 -0.3

Table with columns: KUR, comp=E, 137nm, 0.3s, pmax, pmax, 04 18 16.0 +0.7

Table with columns: NEM2, Nemuro 2, 1.33 218 P, Pn, 04 18 14.8 -0.3

Table with columns: NEM2, JRA, Rausu, 1.35 250 P, Pn, 04 18 16.0 +0.7

Table with columns: NEM2, JAK, Nakash, 1.76 243 P, Pn, 04 18 21.2 +0.9

Table with columns: NEM2, JAK, Kakeshi, 2.12 229 P, Pn, 04 18 25.0 +0.2

Table with columns: NEM2, JAK, Abashiri-Toko, 2.18 265 P, Pn, 04 18 25.0 +0.2

Table with columns: NEM2, JTR, Ashorobuto, 2.51 245 P, Pn, 04 18 25.0 +0.2

Table with columns: NEM2, JMP, Maruseppu, 2.56 262 P, Pn, 04 18 31.6 +1.2

Table with columns: NEM2, JOP, Onbets, 2.67 237 P, Pn, 04 18 30.0 +1.7

Table with columns: NEM2, HRK, Horoka, 2.87 252 eP, S, 04 19 05.1 +1.1

Table with columns: NEM2, JK2, Kamakawa 2, 3.02 261 P, Pn, 04 18 36.1 +1.6

Table with columns: NEM2, JKA, Kamikawa-asahi, 3.08 266 eP, Pn, 04 18 39.0 +1.7

Table with columns: NEM2, ASAJ, Asahikawa, 3.08 266 P, Pn, 04 18 39.0 +1.7

Table with columns: NEM2, ASAJ, Asahikawa, 3.08 266 P, Pn, 04 18 39.1 +1.7

Table with columns: NEM2, JSE, Soyas, 3.10 282 P, Pn, 04 18 39.1 +1.6

Table with columns: NEM2, JCH, Churui, 3.12 236 P, Pn, 04 19 13.9 +0.7

Table with columns: NEM2, JFR, Furan, 3.34 249 P, Pn, 04 18 42.8 +2.1

Table with columns: NEM2, JER, Erimo, 3.62 230 eP, Pn, 04 18 46.3 +1.8

Table with columns: NEM2, JER, Erimo, 3.62 230 ePn, Pn, 04 18 46.3 +1.8

Table with columns: NEM2, JWK, Kashioku, 3.65 286 P, Pn, 04 17 12.2 +0.9

Table with columns: NEM2, JNEK, Urakawa-nobuka, 3.69 236 P, Pn, 04 18 45.4 +0.1

Table with columns: NEM2, JHR, Hokuryu, 3.77 261 P, Pn, 04 18 49.4 +3.0

Table with columns: NEM2, YSS, Yuzh-Sakhalins, 3.84 313 i/P, Pn, 04 18 48.2 +0.9

Table with columns: NEM2, YSS, comp=E, 30nm, 0.8s, eS, S, 04 18 48.9

Table with columns: NEM2, YSS, comp=E, 40nm, 0.9s, eS, S, 04 19 31.8 +0.2

Table with columns: NEM2, YSS, Yuzh-Sakhalins, 3.84 313 i/P, Pn, 04 18 48.2 +0.9

Table with columns: NEM2, YSS, comp=Z, 20nm, 0.9s, i/S, S, 04 19 30.3 -1.3

Table with columns: NEM2, YSS, comp=Z, 20nm, 0.9s, smax, smax, 04 19 13.8 +1.3

Table with columns: NEM2, UGL, Uglegorsk, 5.71 326 eP, Pn, 04 19 13.8 +1.3

Table with columns: NEM2, UGL, Uglegorsk, 5.71 326 eP, Pn, 04 19 13.8 +1.3

Table with columns: NEM2, UGL, Uglegorsk, 5.71 326 ePn, Pn, 04 20 17.1 +0.4

Table with columns: NEM2, UGL, Uglegorsk, 5.71 326 ePn, Pn, 04 19 11.6 -0.9

Table with columns: NEM2, UGL, Uglegorsk, 5.71 326 ePn, Pn, 04 19 12.5 -0.3

Table with columns: NEM2, TYV, Tymovskoe, 7.05 338 AMB, AMB, 04 19 34.2

Table with columns: NEM2, TYV, Tymovskoe, 7.05 338 ePn, Pn, 04 19 30.0 -0.6

Table with columns: NEM2, TYV, Ternei, 7.34 278 eP, Pn, 04 19 37.0 +2.4

Table with columns: H1N3, WAKE ISLAND Hy 29.75 139 T, T, 04 54 50.1

Table with columns: H11S1, WAKE ISLAND Hy 30.72 141 T, T, 04 55 57.7

Table with columns: H11S3, WAKE ISLAND Hy 30.72 141 T, T, 04 56 01.6

Table with columns: H11S2, WAKE ISLAND Hy 30.73 141 T, T, 04 55 59.0

Table with columns: ZALV, Zalesovo Beam, 40.44 306 P, P, 04 25 17.1 -0.1

Table with columns: ZALV, comp=Z, 0.3nm, 0.3s, baz=92, slow=7.2, SNR=2.9, P, P, 04 27 18.0 +0.2

Table with columns: COLA, College, 40.65 37 eP, P, 04 25 19.5 +0.7

Table with columns: COLA, College, 40.65 37 eP, P, 04 25 19.5 +0.7

Table with columns: ILAR, Eielson Array, 41.07 37 P, P, 04 25 22.1 -0.1

Table with columns: MKAR, Makanchi Array, 44.10 297 P, P, 04 25 46.6 -0.4

Table with columns: MKAR, comp=Z, 0.3nm, 0.3s, baz=50, slow=4.7, SNR=3.3, P, P, 04 27 30.5 +0.3

Table with columns: INK, Inuvik, 45.93 31 P, P, 04 26 00.7 -0.4

Table with columns: CMAR, Chiang Mai Arr, 47.52 253 P, P, 04 26 15.6 +1.4

Table with columns: RES, Resolute Bay, 54.39 17 P, P, 04 27 03.9 -0.8

Table with columns: YKA, Yellowknife Arr, 55.36 34 P, P, 04 27 12.7 +0.7

Table with columns: YKA, comp=Z, 0.2nm, 0.8s, baz=302, slow=6.9, SNR=25, P, P, 04 27 38.2 -0.6

Table with columns: ARCES, ARCES Array B, 58.59 339 P, P, 04 27 32.6 -1.8

Table with columns: GEYT, Alibek, 63.54 298 P, P, 04 28 10.7 -0.6

Table with columns: FINES, FINES Array B, 64.19 333 P, P, 04 28 10.2 -2.2

Table with columns: WRA, Warramunga Arr, 65.06 193 P, P, 04 28 18.6 +0.1

Table with columns: NVAR, Mina Array B, 67.59 58 P, P, 04 28 34.6 +0.9

Table with columns: NVAR, comp=Z, 0.9nm, 0.8s, baz=296, slow=6.9, SNR=3.3, P, P, 04 29 01.6 +0.1

Table with columns: ASAR, Alice Springs, 68.78 193 P, P, 04 28 42.4 +0.3

Table with columns: NOA, NORSAR Array B, 68.91 339 P, P, 04 28 40.8 -1.7

Table with columns: KBZ, Khabaz, 69.21 111 P, P, 04 28 45.9 +1.4

Table with columns: PDAR, Pinedale Array, 69.63 50 P, P, 04 28 48.2 +0.7

Table with columns: PDAR, comp=Z, 0.7nm, 0.7s, baz=261, slow=1.7, SNR=9.8, P, P, 04 29 15.7 +0.2

Table with columns: AKASG, Malin Array B, 70.92 323 P, P, 04 28 53.1 -1.8

Table with columns: CLL, Collm, 76.63 332 eP, P, 04 29 30.0 +1.8

Table with columns: CLL, Collm, 76.63 332 eP, P, 04 29 30.0 +1.8

Table with columns: CLL, Collm, 76.63 332 eP, P, 04 29 30.0 +1.8

Table with columns: BRTR, Keskin Array B, 76.94 313 P, P, 04 29 31.1 +0.8

Table with columns: TXAR, Lajitas Array, 82.45 56 P, P, 04 30 01.7 +1.5

Table with columns: TXAR, comp=Z, 0.8nm, 0.6s, baz=81, slow=4.4, SNR=7.1, P, P, 04 30 28.7 -0.3

Table with columns: ESCD, Sonseca Array, 92.26 338 P, P, 04 30 47.4 0.0

Table with columns: ESCD, comp=Z, 0.2nm, 0.4s, baz=18, slow=3.8, SNR=3.3, P, P, 04 36 16.5 -0.8

Table with columns: TORD, Tordur, 114.55 322 PKP, PKP, 04 36 16.5 -0.8

Table with columns: TORD, comp=Z, 0.1nm, 0.3s, baz=19, slow=3.2, SNR=4.7, P, P, 04 36 16.5 -0.8

ISCJB 09 04:25:56.1 ± 0.5, 8.87S:0.07:112.50E:0.03, h101km, 5km, mb3.9/11, Error ellipse: s-maj=11.4km s-min=4.4km az=10.7

IDC 09 04:25:56.4 6.7, 8.78S:112.40E, h85km, 56km, mb3.7/8, mb1 3.8/10, mb1mx3.5/39, mbtmp3.4/10, ML3.7/2, MS2.1/1, Ms1 3.7/2, ms1mx2.0/27, Error ellipse: s-maj=64.2km s-min=16.1km az=60.0

NEIC 09 04:25:56.4 0.7, 8.92S:112.53E, h85km, 12km, mb4.2/5, Error ellipse: s-maj=18.8km s-min=7.0km az=189.0

NEIC Felt [I] at Blitar and Karangates.

DJA 09 04:25:57.0 9.9, 9.9S:4.11E, h35km, 10km, M4.5/4, Mb5.2/1, mb4.6/1, MLv4.5/4, Mw(Mw)4.6/1

ISC 09 04:25:56.2 ± 0.9, 8.93S:0.08:112.50E:0.04, h86km, 9km, n53, r1953/56, mb4.0/11, Jawa

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC

Table with columns: KRKI, Karangates, 0.77 357 P, P, 04 26 12.7 -0.4

Table with columns: KRKI, Karangates, 0.77 357 P, P, 04 26 24.9 -0.7

Table with columns: PWJI, Pagerwojo, 1.13 323 P, P, 04 26 16.9 -0.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H08S1 Diego Garcia H, SONMI Songino Array, MKAR Makanchi Array, etc.

ISC 09 04:36:35.4, 0.5, 36.10N:73.19E, h0km, mb4.4/30, mb1 4.5/36, mb1mx4.5/42, mbtmp4.4/36, ML4.5/5, MS4.0/31, Ms1 4.0/31, ms1mx4.0/38, Error ellipse: s-maj=13.2km s-min=10.2km az=4.0

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

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

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

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Nestor, Florina, Ohrid, Kozani.

KRSC 09 05:01:23.4-0.4, 50.70N-156.71E, h126km, 6km, ML3.6, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SKR Severo-Kuril's, PAU Puzhetka, UGLR Uglovaya.

ISCJB 09 05:11:14.4-0.5, 22.91S-0.06-66.73W-0.05, h222km, Error ellipse: s-maj=10.0km s-min=4.8km az=34.7

GUC 09 05:11:14.8-0.6, 22.86S-67.33W, h289km, 17km, ML4.3

SJA 09 05:11:15.2-0.7, 22.92S-66.56W, h219km, 10km, ML2.1, MW2.7

ISC 09 05:11:12.8-1.6, 22.93S-0.1-66.68W-0.09, h222km, n12, c116/10.6, Cujuc, Guyana

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HJA Humahuaca, YJA Yavi, SLA San Lorenzo, ASTB Santa Barbara, etc.

IDC 09 05:14:54.9-2.9, 30.10S-138.58E, h0km, mb1 3.0/3, mb1mx3.0/16, mbtmt2.8/3, ML2.3/2, Error ellipse: s-maj=80.7km s-min=19.0km az=48.0, South Australia

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

IDC 09 05:35:36.6-14.0, 16.99S-174.24W, h85km, 121km, mb3.9/6, mb1 4.1/6, mb1mx3.7/23, mbtmt4.2/6, MS2.8/1, Ms1 2.8/1, ms1mx2.5/26, Error ellipse: s-maj=73.3km s-min=27.2km az=133.0, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RAR Rarotonga, STKA Stephens Creek, WRA Warrungarra Arr, etc.

IDC 09 05:37:20.5-7.0, 1.11N-97.36E, h0km, mb3.8/4, mb1 4.0/5, mb1mx3.5/36, mbtmt3.9/5, ML4.3/1, Error ellipse: s-maj=132.2km s-min=72.7km az=8.0

DJA 09 05:37:26.5-0.9, 1.14N-97.7E, h10km, MS.7/7, mb4.1/1, MLV3.4/7

ISC 09 05:37:26.2-1.2, 1.40N-0.06-97.14E-0.10, h25km, n16, c126/15, mb3.8/4, Northern Sumatara

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GSI Gunungsitolit, PBSI Pulau Batu, TPTI TPTI, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KULM Kulim, CMAR Chiang Mai Arr, H0S2 Diego Garcia H, etc.

ISCJB 09 05:43:01.7-0.5, 49.53N-0.02-14.21E-0.04, h0km, Error ellipse: s-maj=3.5km s-min=2.9km az=7.5

IPEC 09 05:43:03.1-0.1, 49.55N-14.19E, h2km, ML1.5/1.0, Error ellipse: s-maj=0.5km s-min=0.4km az=119.0

CSEM 09 05:43:03.6-0.5, 49.49N-14.24E, h2km, ML2.6/4, Error ellipse: s-maj=9.2km s-min=5.1km az=132.0, Suspected Mining explosion.

VIE 09 05:43:03.2-0.5, 49.47N-14.22E, h0km, mb1.8/1, ml2.2/3, Error ellipse: s-maj=4.1km s-min=2.0km az=2.0, Suspected Mining explosion.

PRU 09 05:43:03.5, 49.55N-14.21E, h0km, Tectonic Event Near Oriskany

ISC 09 05:43:03.0-0.8, 49.55N-0.03-14.19E-0.03, h0km, n16, c044/28, 2C-2D, Czech and Slovak Republics

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PRU Pruhonice, GOPC GO Pecny, Ondr, PRA Prague, etc.

NNC 09 05:46:28.5-7.7, 37.83N-71.52E, h0km, mb3.5, mvp3.1, 2C-3D, Error ellipse: s-maj=78.5km s-min=28.7km az=160.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DZET Dzerhino, AAK Ala-Archa, AAK Namle, etc.

KRNAT 09 05:50:43.8-0.1, 42.98N-78.26E, h15km, mb2.4

SOME 09 05:50:44.3, 42.92N-78.27E, h10km

NNC 09 05:50:46.0-1.6, 43.08N-78.30E, h0km, mb2.8, mvp2.4, Error ellipse: s-maj=69.4km s-min=5.7km az=168.0

ISC 09 05:50:44.7-0.9, 42.97N-0.03-78.26E-0.02, h11km, 7km, n33, c095/63, 18C-13D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SATY Saty, ZHN Zhinshike, ANVS Anan'yev, etc.

ISCJB 09 05:56:37.9-0.4, 48.86N-0.05-153.65E-0.07, h140km, mb3.9/21, Error ellipse: s-maj=9.1km s-min=2.9km az=138.0

SKHL 09 05:56:37.8-0.8, 48.80N-153.99E, h156km, 5km, mb5.2/8, msh5.3/6

MOS 09 05:56:39.9-1.0, 49.04N-153.54E, h174km, mb4.0/14, Error ellipse: s-maj=11.0km s-min=4.4km az=66.4

KRSC 09 05:56:39.0-1.7, 48.60N-154.75E, h211km, 23km, ML4.5

IDC 09 05:56:41.9-0.9, 49.22N-153.31E, h176km, 8km, mb3.7/17, mb1 3.8/21, mb1mx3.6/58, mbtmt4.2/21, Error ellipse: s-maj=7.0km s-min=8.4km az=147.0

ISC 09 05:56:38.8-0.5, 48.90N-0.06-153.67E-0.06, h140km, n121, c187/127, mb4.0/21, 10C-11D, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SKR Severo-Kuril's, SKR Kuril, SKR Severo-Kuril's, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CHKK, ULHL Ulhol, ULHL baz=244, KST Kastek, etc.

ISCJB 09 05:53:46.7-0.6, 7.08S-0.05-129.40E-0.06, h139km, mb4.1/5, Error ellipse: s-maj=8.9km s-min=5.8km az=147.9

NEIC 09 05:53:48.8-1.1, 6.82S-129.47E, h141km, 13km, mb4.6/3, Error ellipse: s-maj=12.8km s-min=9.2km az=59.0

IDC 09 05:53:48.6-3.6, 6.82S-129.44E, h158km, 37km, mb4.0/6, mb1 4.1/10, mb1mx3.7/48, mbtmt4.5/10, Error ellipse: s-maj=34.8km s-min=14.0km az=48.0

DJA 09 05:53:50.9-0.9, 7.7S-1.03E, c208/28, h208km, 18km, M4.7/4, msh5.2/22, mb4.8/3, MLV4.7/4, mbtmt3.8/2

ISC 09 05:53:46.6-0.6, 7.07S-0.06-129.46E-0.07, h139km, n24, c209/24, mb4.2/5, Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SAUI Saumlaki, SAUI Saui, MASOI Masochi, etc.

ISC 09 05:56:37.9-0.4, 48.86N-0.05-153.65E-0.07, h140km, mb3.9/21, Error ellipse: s-maj=9.1km s-min=2.9km az=138.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SAUI Saumlaki, SAUI Saui, MASOI Masochi, etc.

ISCJB 09 05:56:37.9-0.4, 48.86N-0.05-153.65E-0.07, h140km, mb3.9/21, Error ellipse: s-maj=9.1km s-min=2.9km az=138.0

SKHL 09 05:56:37.8-0.8, 48.80N-153.99E, h156km, 5km, mb5.2/8, msh5.3/6

MOS 09 05:56:39.9-1.0, 49.04N-153.54E, h174km, mb4.0/14, Error ellipse: s-maj=11.0km s-min=4.4km az=66.4

KRSC 09 05:56:39.0-1.7, 48.60N-154.75E, h211km, 23km, ML4.5

IDC 09 05:56:41.9-0.9, 49.22N-153.31E, h176km, 8km, mb3.7/17, mb1 3.8/21, mb1mx3.6/58, mbtmt4.2/21, Error ellipse: s-maj=7.0km s-min=8.4km az=147.0

ISC 09 05:56:38.8-0.5, 48.90N-0.06-153.67E-0.06, h140km, n121, c187/127, mb4.0/21, 10C-11D, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SKR Severo-Kuril's, SKR Kuril, SKR Severo-Kuril's, etc.

W39A	Poteau	28.65 334	P	P	06 10 55.2 +1.3	N37A	Lee Faris, Mou	33.48 340	P	P	06 11 36.6 +0.1	J29A	Okreek	38.08 335	P	P	06 12 16.0 +0.1
Y35A	Marietta	28.88 329	P	P	06 10 57.3 +1.2	S30A	Montezuma	33.53 329	P	P	06 11 38.4 +1.3	X16A	Lo Mita Camp, P	38.10 315	eP	P	06 12 18.3 +1.8
133A	Hamilton Ranch	29.81 325	P	P	06 10 57.1 +0.7	R31A	Burdett	33.58 331	P	P	06 11 38.4 +0.9	I30A	Oaconda	38.14 337	P	P	06 12 15.6 -0.8
USIN	University of	29.00 347	eP	P	06 10 58.9 +1.8	O35A	Humboldt	33.66 337	P	P	06 11 38.2 +0.1	SMCO	Snowmass	38.16 325	eP	P	06 12 19.0 +1.8
X35A	Drake	29.24 330	P	P	06 10 59.8 +0.5	P33A	Williams Farm,	33.68 334	P	P	06 11 38.7 +0.4	G33A	Ortonville	38.17 341	P	P	06 12 16.0 -0.6
V38A	Canehill	29.27 335	P	P	06 11 00.3 +0.8	Q32A	Meitler Ranch,	33.70 333	P	P	06 11 39.1 +0.6	F35A	Swanville	38.19 343	P	P	06 12 16.4 -0.5
Y34A	Reagan Ranch,	29.30 328	P	P	06 11 00.6 +0.8	M38A	Pleasantville	33.74 341	P	P	06 11 39.1 +0.3	PV01	Paradox Valley	38.42 322	eP	P	06 12 20.7 +1.6
ABTX	Abilene, Hawle	29.34 324	P	P	06 11 01.0 +0.8	N36A	Muff Farm, Cla	33.79 339	P	P	06 11 39.6 +0.4	E36A	McGregor	38.44 345	P	P	06 12 18.3 -0.5
W36A	Wetumka	29.48 331	P	P	06 11 02.2 +0.8	O34A	Beatrice	33.90 336	P	P	06 11 40.5 +0.4	I29A	Vivian Onida	38.58 336	P	P	06 12 19.8 -0.4
V37A	Hulbert	29.60 334	P	P	06 11 03.6 +1.1	R30A	Dighton	33.94 330	P	P	06 11 41.6 +1.0	G32A	Webster	38.58 340	P	P	06 12 19.9 -0.2
T40A	Mansfield	29.67 339	P	P	06 11 04.1 +1.0	M37A	Trindle Farm,	34.00 340	P	P	06 11 41.9 +0.9	WU4Z	Wupatki	38.66 317	P	P	06 12 22.9 +1.8
U38A	Gravette	29.76 335	P	P	06 11 04.4 +0.5	N35A	Tabor	34.08 338	P	P	06 11 41.7 0.0	WU4Z	Wupatki	38.66 317	eP	P	06 12 23.2 +2.1
TX31	Lajitas Ar. Si	29.79 314	eP	P	06 11 05.2 +0.9	Q31A	Ellis	34.09 332	P	P	06 11 42.4 +0.6	J27A	Elkhorn Farm,	38.67 333	P	P	06 12 21.5 +0.5
TXAR	Lajitas Array	29.79 314	P	P	06 11 05.0 +0.7	CBKS	Cedar Bluff	34.10 331	P	P	06 11 42.5 +0.5	F33A	5 Mile Ranch,	38.70 341	P	P	06 12 20.5 -0.5
W35A	Tecumseh	29.80 331	P	P	06 11 05.1 +0.9	O33A	Hebron	34.17 335	P	P	06 11 43.4 +0.8	E35A	Piquette Lakes	38.78 344	P	P	06 12 21.7 -0.1
OLIL	Olney	29.84 347	eP	P	06 11 06.2 +1.7	SCIA	State Center	34.19 342	eP	P	06 11 43.4 +0.8	G31A	Conde	38.80 339	P	P	06 12 21.7 -0.2
T39A	Cleaver	29.87 337	P	P	06 11 05.8 +1.0	P32A	Huitt Farm,	34.23 333	P	P	06 11 43.3 +0.3	D37A	Cotton	38.83 346	P	P	06 12 22.2 +0.1
V36A	Jenks	29.88 333	P	P	06 11 06.5 +1.6	S28A	Mantel	34.24 328	P	P	06 11 43.8 +0.6	PV10	Paradox Valley	38.85 322	eP	P	06 12 24.3 +1.5
TUL1	Leonard	29.91 333	P	P	06 11 06.3 +1.1	M36A	Felix, Anita	34.30 339	P	P	06 11 44.0 +0.4	I28A	Midland	38.91 335	P	P	06 12 22.7 -0.3
BLO	Bloomington	29.93 349	eP	P	06 11 07.3 +2.0	L38A	Oak Wood Farm,	34.32 342	P	P	06 11 44.0 +0.2	D36A	Goodland	39.02 345	P	P	06 12 23.8 0.0
U37A	Salina	30.04 334	P	P	06 11 07.4 +1.1	P31A	Stockton	34.50 332	P	P	06 11 46.1 0.0	H29A	Onida	39.04 336	P	P	06 12 23.9 -0.1
S40A	Lebanon	30.06 339	P	P	06 11 07.6 +1.1	121A	Cookes Peak, D	34.52 315	P	P	06 11 47.3 +1.4	G30A	Faulkton	39.09 338	P	P	06 12 24.1 0.0
V35A	Meyer Ranch, C	30.27 331	P	P	06 11 08.9 +0.5	O32A	Brockman Farm,	34.62 334	P	P	06 11 47.1 +0.7	J26A	Sides Ranch, S	39.19 333	P	P	06 12 25.7 +0.3
U36A	Oologah	30.29 334	P	P	06 11 09.8 +1.3	M35A	Neola	34.63 338	P	P	06 11 46.8 +0.3	C37A	Embarrass	39.31 347	P	P	06 12 26.0 -0.1
W34A	Bridge Creek,	30.30 330	P	P	06 11 09.5 +0.8	R28A	Tribeau	34.76 329	P	P	06 11 48.7 +1.0	I27A	Quinn	39.34 334	P	P	06 12 26.8 +0.3
S39A	Bolivar	30.44 338	P	P	06 11 10.7 +0.9	Q29A	Oakley	34.76 330	P	P	06 11 48.5 +0.8	EYMN	Ely	39.36 347	P	P	06 12 26.6 0.0
T37A	Cheneyville 18	30.56 335	P	P	06 11 11.7 +0.8	L36A	Harm Buss Farm	34.83 340	P	P	06 11 48.3 +0.1	F31A	Hecla	39.36 339	P	P	06 12 26.2 -0.5
W33A	Caddo, Fort Co	30.59 329	P	P	06 11 12.4 +1.1	P30A	Selden	34.92 332	P	P	06 11 50.1 +1.0	D34A	Park Rapids	39.49 343	P	P	06 12 26.9 -0.7
S38A	Stockton	30.60 337	P	P	06 11 11.7 +0.4	ANMO	Albuquerque	35.08 320	P	P	06 11 51.9 +1.2	C36A	Pine Crest Far	39.49 346	P	P	06 12 27.9 +0.2
R40A	Maddies Statio	30.60 340	P	P	06 11 11.8 +0.5	ANMO	Albuquerque	35.08 320	eP	P	06 11 52.2 +1.5	O20A	White River Ci	39.53 325	P	P	06 12 29.6 +1.2
V34A	Guthrie	30.66 331	P	P	06 11 12.2 +0.4	K37A	Belmond	35.10 342	P	P	06 11 51.3 +0.8	O20A	White River Ci	39.53 325	eP	P	06 12 30.0 +1.6
V34A	Guthrie	30.66 331	eP	P	06 11 11.9 +0.1	L35A	Blow Farm, R	35.14 339	P	P	06 11 51.6 +0.7	C35A	Jirik Farms, M	39.72 345	P	P	06 12 29.1 -0.4
R39A	Chumby, Stover	30.89 339	P	P	06 11 14.2 +0.4	LAZ	Ladron	35.18 318	eP	P	06 11 53.2 +1.6	D33A	Atam, Waubun	39.72 343	P	P	06 12 29.3 -0.4
T36A	Boggs Farm, Ca	30.91 334	P	P	06 11 14.8 +0.8	T25A	Trinidad	35.30 324	P	P	06 11 53.7 +1.1	H27A	Howes	39.81 335	P	P	06 12 30.0 -0.4
W32A	Sentinel	30.98 328	P	P	06 11 15.2 +0.6	L34A	Svendsen Farm,	35.31 338	P	P	06 11 52.3 -0.1	E31A	Nome	39.85 340	P	P	06 12 30.2 -0.5
V33A	Lossen Ranch,	31.02 330	P	P	06 11 15.4 +0.3	Q28A	Sharon Springs	35.31 329	P	P	06 11 53.1 +0.6	GLA	Glamis	39.87 311	P	P	06 12 32.3 +1.1
N54A	Moraine State	31.07 359	P	P	06 11 16.8 +1.5	BGNE	Belgrade	35.52 336	P	P	06 11 54.8 +0.6	PDMC	Parker Dam, Lak	39.96 313	P	P	06 12 32.6 +0.8
T35A	Sooner Cattle	31.07 333	P	P	06 11 17.4 +1.9	BGNE	Belgrade	35.52 336	eP	P	06 11 55.1 +0.9	Y12C	Blythe	39.97 312	P	P	06 12 32.9 +1.0
S37A	Fort Scott	31.07 336	P	P	06 11 16.0 +0.6	K35A	Star Lake	35.57 340	P	P	06 11 55.2 +0.6	Y12C	Blythe	39.97 312	eP	P	06 12 33.8 +1.9
R38A	Fenwick Farm,	31.09 338	P	P	06 11 16.3 +0.8	O29A	4D Ranch, Culb	35.63 332	P	P	06 11 56.4 +1.1	I25A	Rochford	40.04 333	P	P	06 12 33.4 +0.8
Q40A	Laux Farm, Aux	31.18 341	P	P	06 11 17.0 +0.6	P28A	Saint Francis	35.67 330	P	P	06 11 56.8 +1.3	E30A	Jud	40.15 339	P	P	06 12 33.4 +0.2
SFIN	Lafayette	31.21 349	P	P	06 11 17.6 +1.1	KSCO	Kaye Shedlock	35.68 328	eP	P	06 11 57.1 +1.4	BDFB	Brassilia	40.18 129	P	P	06 12 34.2 +0.3
V32A	Arapaho	31.33 329	P	P	06 11 18.3 +0.5	M31A	Lambrecht Ranc	35.81 335	P	P	06 11 57.3 +0.6	BDFB	Brassilia	40.18 129	P	P	06 30 18.2
S36A	Lake Cedric, C	31.35 335	P	P	06 11 18.3 +0.4	I38A	Scanlan Farm,	35.89 344	P	P	06 11 57.3 0.0	SRU	Sar Rabel Sive	40.22 322	eP	P	06 12 35.6 +1.5
X30A	Coker Ranch, T	31.36 325	P	P	06 11 18.3 +0.2	K33A	Hardington	36.10 338	P	P	06 11 59.4 +0.3	RSSD	Black Hills	40.26 333	P	P	06 12 35.0 +0.6
U33A	Lingo Farm, Me	31.42 331	P	P	06 11 18.9 +0.4	O28A	Krutsinger Ran	36.10 331	P	P	06 11 59.8 +0.5	G27A	Dupree	40.35 336	P	P	06 12 34.5 -0.4
T34A	McClaskey Farm	31.46 332	P	P	06 11 20.1 +1.2	I37A	Lenwood, Waseca	36.17 343	P	P	06 11 59.9 +0.2	K22A	Casper	40.36 329	P	P	06 12 36.3 +1.2
Q39A	Willow Grove F	31.52 340	P	P	06 11 20.0 +0.6	J34A	George	36.32 340	P	P	06 12 01.3 +0.3	H25A	Fruitdale	40.45 333	P	P	06 12 36.6 +0.8
R37A	Teagarden Farm	31.55 337	P	P	06 11 20.0 +0.3	SDCO	Great Sand Dun	36.34 324	P	P	06 11 59.5 -2.1	SWSC	Sam W. Stewart	40.55 310	P	P	06 12 37.7 +1.1
S35A	Otter Creek Ra	31.62 334	P	P	06 11 21.2 +0.9	SDCO	Great Sand Dun	36.34 324	eP	P	06 12 03.2 +1.6	G26A	Maurine	40.56 335	P	P	06 12 36.1 -0.6
P40A	Paris	31.66 341	P	P	06 11 21.2 +0.6	N28A	Pribbeno Ranch	36.43 331	P	P	06 12 02.9 +0.8	BC3	Big Chuckawall	40.61 311	P	P	06 12 38.5 +1.2
Q38A	Cooks Store, C	31.67 339	P	P	06 11 21.5 +0.8	L31A	Butterfield Fa	36.45 336	P	P	06 12 02.5 +0.4	B34A	Aery, Baudette	40.62 345	P	P	06 12 36.7 -0.3
V31A	Spring Creek L	31.79 328	P	P	06 11 22.7 +0.9	I35A	Creekview Farm	36.50 341	P	P	06 12 02.9 +0.4	D30A	Buchanan	40.62 340	P	P	06 12 37.0 -0.1
R36A	Gordon, Harris	31.83 336	P	P	06 11 22.7 +0.6	K32A	Verdigre	36.51 337	P	P	06 12 02.5 -0.1	IRM	Iron Mountain	40.62 312	P	P	06 12 38.7 +1.4
P39A	Salisbury	31.85 340	P	P	06 11 23.1 +0.8	TUC	Tucson	36.53 313	P	P	06 12 04.0 +1.0	B33A	Robert and Kas	40.68 344	P	P	06 12 37.3 -0.2
HDIL	Hopedale	31.85 346	P	P	06 11 23.1 +0.9	H37A	Dierke Farm, C	36.55 344	P	P	06 12 03.7 +0.7	LCMT	Little Creek M	40.74 317	eP	P	06 12 40.4 +2.0
Q37A	Longview Farm,	31.90 338	P	P	06 11 23.3 +0.6	L30A	Spencer Herefo	36.62 334	P	P	06 12 03.9 +0.2	AGMN	Agassiz Nation	40.78 343	P	P	06 12 38.8 +0.5
S34A	Willow Spring	31.99 333	P	P	06 11 24.2 +0.7	J33A	Davis	36.70 339	P	P	06 12 04.5 +0.3	F27A	Lemmon	40.79 336	P	P	06 12 38.5 0.0
T33A	Patterson Ranc	32.01 331	P	P	06 11 24.4 +0.7	K31A	O'Neill	36.79 336	P	P	06 12 05.3 +0.3	G25A	Newell	40.83 334	P	P	06 12 39.1 +0.2
O40A	La Belle	32.15 342	P	P	06 11 25.2 +0.4	H36A	Jessenland, He	36.84 343	P	P	06 12 05.5 +0.2	E28A	Huff	40.86 338	P	P	06 12 39.3 +0.3
P38A	Dawn	32.23 340	P	P	06 11 26.0 +0.4	OGNE	Ogallala	36.86 331	P	P	06 12 07.0 +1.3						

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Wagenman Farm, Boulder Array, Pinedale Array, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like VRI Vriocioia, MKAR Makanchi Array, SOMM Songino Array, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like AAK Karatay Array, KK31 Karatay Array, MK31 Makanchi Array, etc.

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Table with columns for station name, frequency, power, and various technical parameters. Includes sub-sections for '9d 8h' and 'MEX 09:00:00-0.3, 17.49N-96.42W, h30km, 12km, MD3.9'. Stations listed include Evrytania, Simia, Thirakia, and many others.

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

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

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

ISCJB 09 08:48:07.5:0.5,38.72N:0.02:29.27E:0.03,h4km,6km, Error ellipse: s-maj=4.2km s-min=4.1km az=14.3

CSEM 09 08:48:07.7:0.1,38.71N:29.28E,h7km,MD2.7, Error ellipse: s-maj=3.2km s-min=3.0km az=172.0

DDA 09 08:48:07.4:0.1,38.71N:29.28E,h7km,MD2.7, Error ellipse: s-maj=3.2km s-min=3.0km az=172.0

ISK 09 08:48:07.1:0.1,38.72N:29.28E,h8km,MD2.7, Error ellipse: s-maj=3.2km s-min=3.0km az=172.0

ISC 09 08:48:07.1:0.1,38.71N:0.02:29.27E:0.02,h11km,g9km, n28,-039/45, Turkey

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

CSEM 09 08:49:03.9:0.1,38.63N:22.48E,h10km,ML1.8, Error ellipse: s-maj=2.8km s-min=2.2km az=172.0

THE 09 08:49:03.9:0.1,38.63N:22.47E,h14km,2km,ML1.8/7, Error ellipse: s-maj=2.8km s-min=2.0km az=213.0

ATH 09 08:49:04.0:0.1,38.62N:22.48E,h14km,6km,ML1.5/4, Error ellipse: s-maj=6.0km s-min=0.8km az=218.0, Analyst: Agalos M. Amplitudes are expressed in micrometres

All distances are expressed in km, Greece

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

MEX 09 09:15:36.0:0.5,15.83N:93.69W,h102km,5km,MD4.2, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PCIG, PCIG, PCIG, CCOM, CCOM, CCOM.

IDC 09 09:11:41.0:2.6,17.01S:176.35W,h0km,mb4.2/3, mb1 4.4/4, mb1mx3.8/3, mbtmp4.3/4, ML4.4/1, Error ellipse: s-maj=179.5km s-min=3.0km az=151.0, Fiji Islands region

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

IDC 09 09:14:55.6:2.9,54.40N:86.93E,h0km,mb1 3.1/2, mb1mx3.0/1, mbtmp3.1/2, ML2.7/2, Error ellipse: s-maj=25.1km s-min=15.8km az=62.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H46RU, H46RU, H46RU, ZALV, ZALV, ZALV, KURBB, KURBB, KURBB, MKAR, MKAR, MKAR, MKAR, MKAR.

ISCJB 09 09:50:27.2:0.9,61.02N:0.03:29.00E:0.10,h0km, Error ellipse: s-maj=6.9km s-min=4.1km az=8.8

CSEM 09 09:50:30.1:0.6,61.00N:28.88E,h2km,ML2.1, Error ellipse: s-maj=10.9km s-min=6.6km az=107.0, Mining explosion.

HEL 09 09:50:30.5:0.5,60.97N:29.06E,h0km,ML2.1, Explosion BER 09 09:50:30.8:2.9,60.82N:28.92E,h0km,ML2.3(NAO), Suspected explosion

NAO 09 09:50:30.0:2.1,60.77N:28.93E,ML2.3, s-maj=18.1km s-min=11.1km az=169.0

ISC 09 09:50:30.9:1.2,61.02N:0.03:28.79E:0.06,h0km,n32,-158/47,Finland-Karelia border region

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

BJI 09 09:51:22.9:24.70N:141.45E,h198km,mb5.1/77, mb5.0/61

MOS 09 09:51:25.7:1.0,24.85N:141.03E,h202km,mb4.9/42, Error ellipse: s-maj=7.9km s-min=4.6km az=97.8

ISCJB 09 09:51:25.5:0.4,24.87N:0.02:141.16E:0.02, h195km,2km,mb4.9/195, Error ellipse: s-maj=3.9km s-min=2.6km az=157.2

IDC 09 09:51:27.5:0.4,24.81N:141.18E,h212km,3km,mb4.4/40, mb1 4.5/47, mb1mx4.4/58, mbtmp5.0/47, Error ellipse: s-maj=8.0km s-min=6.0km az=91.0

GCMT 09 09:51:28.1:0.2,24.80N:141.17E,h197km,1km, MVS:2.17, Moment Tensor Solution. s85,c121, s112,c186; Duration: 0. Moment tensor: Scale 1016Nm; Mw:6.71E;13; Mw:6.46E;15; Mw:6.24E;17; Mw:6.14E;14; Mw:2.19E;16; Mw:2.61E;14; Best double couple: M0:40900x1016 NPT:306.000000; s51.000000; lambda15.000000; NP2:89.000000; s45.000000; lambda2.000000; Principal axes: T 7.6310, Plg70.0000, Azm280.0000; N -0.4380, Plg19.0000, Azm10.0000; P -7.1870, Plg3.0000, Azm19.0000; nst1 refers to body waves, cutoff=40s, nst2 refers to surface waves, cutoff=50s.

NEIC 09 09:51:28.1:0.1,24.81N:141.10E,mb5.1/90, Error ellipse: s-maj=4.2km s-min=3.4km az=150.0

NEIC Recorded 1 JMAJ in the Chichijima-retto. JMA 09 09:51:28.1:0.2,25.10N:141.65E,h230km,M5.2 JMA Feil 1/JT

ISC 09 09:51:27.1:0.3,24.81N:0.03:141.21E:0.04,h206km,2km, h0km:pp-P, n726,-1s35/847,mb5.0/195,14C-9D, Volcano Islands region

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

9d 9h

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Table with columns for station name, frequency, power, and other technical details. Includes stations like GUMO Guam, JHO Hitachi, JOW Kunigami, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like HABR comp=E,12nm,1.5s, H11N1 WAKE ISLAND Hy, H11N2 WAKE ISLAND Hy, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SBUM Sibiu, SONM Songino Array, SONM comp=Z,4.6nm,0.6s, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like Chengdu, Ulanbaatar, Songing Array, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like WRA, LEMANG, PSI, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like OBN, FINES, KBZ, etc.

IDC 09 11:30:12.71.7.6.77S:129.15E, h0km, mb3.5/2, mb1 3.4/4, mb1mx3.4/32, mbtmp3.7/3, ML3.2/2, Error ellipse: s-maj=129.5km s-min=29.2km az=71.0, Banda Sea

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

IDC 09 11:32:47.83.0.32.76S:178.54W, h0km, mb3.6/2, mb1 3.9/3, mb1mx3.7/32, mbtmp3.7/3, ML3.7/1, Error ellipse: s-maj=72.1km s-min=44.8km az=121.0

IDC 09 11:32:48.82.7.33.1S:0.2-177.9W, 0.4, h34km, n15, r148/17, South of Kermadec Islands

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

IDC 09 11:37:19.4.0.35.67N:0.02-4.66W, h0km, mb3.5km, Error ellipse: s-maj=2.9km s-min=2.8km az=153.0

CSEM 09 11:37:20.0.1.35.63N:4.58W, h0km, mb3.3, Error ellipse: s-maj=3.4km s-min=3.2km az=128.0

SFS 09 11:37:20.0.35.61N:4.57W, h87km, mb3.3, CNRM 09 11:37:21.2.35.42N:4.35W, h3km, MD3.3

MDD 09 11:37:21.6.0.4.35.66N:4.57W, h87km, mb3.6/3/1, Error ellipse: s-maj=3.8km s-min=3.6km az=26.0, PRXIMO

IGIL 09 11:37:22.3.35.84N:4.77W, h0km, ML3.4, LDG 09 11:37:22.0.0.4.35.86N:4.45W, h30km, MI3.9/2, Error ellipse: s-maj=9.9km s-min=5.4km az=9.0

INMG 09 11:37:22.0.1.9.35.75N:4.52W, h85km, mb3.3, Error ellipse: s-maj=5.1km s-min=4.3km az=43.0

IDC 09 11:37:18.0.4.35.66N:0.02-4.58W, h0km, n182, r208/266, 11C-6D, Strait of Gibraltar

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

ALJ	Aljibe	1.22 315	↑P	Pn	11 37 46.0 +4.5
ALJ	Aljibe	1.22 315	I	Sn	11 37 58.8 -0.1
ALJ	Aljibe	1.22 315	I	Sn	11 37 46.0 +4.5
ALJ	Aljibe	1.22 315	↓P	Sn	11 37 58.8 -0.1
EALB	Alboran	1.29 77	↑P	S	11 37 43.4 +1.2
EALB	Alboran	1.29 77	P	Sn	11 37 59.5 -0.7
EALB	Alboran	1.29 77	P	Pn	11 37 43.4 +1.2
EALB	Alboran	1.29 77	S	Pn	11 37 59.5 -0.7
EMEL	Melilla	1.38 105	P	Pn	11 37 44.8 +1.6
EMEL	Melilla	1.38 105	S	Sn	11 38 01.0 -1.0
EMLI	Melilla	1.38 105	P	Sn	11 37 44.8 +1.6
EMLI	Melilla	1.38 105	S	Pn	11 38 01.0 -1.1
CNIL	Conil	1.39 301	↑P	Pn	11 37 47.5 +4.1
CNIL	Conil	1.39 301	I	Sn	11 38 02.9 +0.6
CNIL	Conil	1.39 301	I	Sn	11 37 47.5 +4.1
CNIL	Conil	1.39 301	↓P	Sn	11 38 02.9 +0.6
MELI	Melilla	1.39 105	P	Sn	11 37 43.2 -0.3
MELI	Melilla	1.39 105	S	Sn	11 38 01.6 -0.8
MELI	Melilla	1.39 105	P	Pn	11 37 43.2 -0.3
MELI	Melilla	1.39 105	S	Pn	11 38 01.6 -0.8
LJUA	Lijar	1.41 332	P	Pn	11 37 47.6 +3.8
LJUA	Lijar	1.41 332	S	Sn	11 38 00.0 -0.3
LJUA	Lijar	1.41 332	P	Pn	11 37 47.6 +3.8
LJUA	Lijar	1.41 332	S	Pn	11 38 00.0 -0.3
EGOR	Sierra Gorda	1.49 15	P	Sn	11 37 47.5 +2.6
EGOR	Sierra Gorda	1.49 15	S	Sn	11 38 06.3 +1.4
EGOR	Sierra Gorda	1.49 15	P	Pn	11 37 47.5 +2.6
EGOR	Sierra Gorda	1.49 15	S	Pn	11 37 47.5 +2.6
ESPR	Espera	1.58 320	↑P	Pn	11 37 48.6 +2.8
ESPR	Espera	1.58 320	S	Sn	11 38 06.4 -0.2
ESPR	Espera	1.58 320	↑P	Pn	11 37 48.6 +2.8
ESPR	Espera	1.58 320	S	Pn	11 38 06.4 -0.2
GIBL	Gibalbin	1.62 317	P	Pn	11 37 49.6 +3.3
GIBL	Gibalbin	1.62 317	S	Sn	11 38 06.1 -1.2
GIBL	Gibalbin	1.62 317	P	Pn	11 37 49.6 +3.3
GIBL	Gibalbin	1.62 317	S	Pn	11 38 06.1 -1.2
TGT	Taghat	1.64 194	P	Pn	11 37 47.0 +0.4
TGT	Taghat	1.64 194	S	Sn	11 38 07.0 -0.9
TGT	Taghat	1.64 194	P	Pn	11 37 47.0 +0.4
TGT	Taghat	1.64 194	S	Pn	11 38 07.0 -0.9
ZAI	Zaio	1.65 114	P	Sn	11 37 46.0 -0.8
ZAI	Zaio	1.65 114	S	Sn	11 38 04.0 -4.3
ZAI	Zaio	1.65 114	P	Pn	11 37 46.0 -0.8
ZAI	Zaio	1.65 114	S	Pn	11 38 04.0 -4.3
SELV	Sierra Elvira	1.72 23	P	Sn	11 37 51.1 +3.5
SELV	Sierra Elvira	1.72 23	S	Sn	11 38 12.6 +3.0
SELV	Sierra Elvira	1.72 23	P	Pn	11 37 51.1 +3.5
SELV	Sierra Elvira	1.72 23	S	Pn	11 38 12.6 +3.0
EQUE	Quentar	1.79 31	P	Pn	11 37 51.8 +3.2
EQUE	Quentar	1.79 31	S	Sn	11 38 14.2 +2.7
EQUE	Quentar	1.79 31	P	Pn	11 37 51.8 +3.2
EQUE	Quentar	1.79 31	S	Pn	11 38 14.2 +2.7
ECOG	Cogollos-Vega	1.81 27	P	Pn	11 37 52.2 +3.4
ECOG	Cogollos-Vega	1.81 27	S	Sn	11 38 16.6 +4.8
ECOG	Cogollos-Vega	1.81 27	P	Pn	11 37 52.2 +3.4
ECOG	Cogollos-Vega	1.81 27	S	Pn	11 38 16.6 +4.8
EBER	Berja	1.84 47	P	Pn	11 37 50.6 +1.3
EBER	Berja	1.84 47	S	Sn	11 38 11.3 -1.3
EBER	Berja	1.84 47	P	Pn	11 37 50.6 +1.3
EBER	Berja	1.84 47	S	Pn	11 38 11.3 -1.3
GORA	Gorafe	2.20 34	P	Pn	11 37 56.1 +2.3
GORA	Gorafe	2.20 34	S	Sn	11 37 57.0 +1.5
GORA	Gorafe	2.20 34	P	Pn	11 37 56.1 +2.3
GORA	Gorafe	2.20 34	S	Pn	11 37 57.0 +1.5
MIF	Mishlifren	2.31 194	P	Pn	11 37 57.0 +1.5
MIF	Mishlifren	2.31 194	S	Sn	11 38 22.0 -1.6
MIF	Mishlifren	2.31 194	P	Pn	11 37 57.0 +1.5
MIF	Mishlifren	2.31 194	S	Pn	11 38 22.0 -1.6
ENIJ	Nijar	2.32 55	P	Pn	11 37 56.8 +1.5
ENIJ	Nijar	2.32 55	S	Sn	11 37 56.8 +1.5
ENIJ	Nijar	2.32 55	P	Pn	11 37 56.8 +1.5
ENIJ	Nijar	2.32 55	S	Pn	11 37 56.8 +1.5
EQES	Quesada	2.46 29	P	Pn	11 37 59.6 +2.4
EQES	Quesada	2.46 29	S	Sn	11 38 28.0 +1.2
EQES	Quesada	2.46 29	P	Pn	11 37 59.6 +2.4
EQES	Quesada	2.46 29	S	Pn	11 38 28.0 +1.2
EADA	Adamuz	2.50 0	P	Pn	11 37 59.8 +2.1
EADA	Adamuz	2.50 0	S	Sn	11 37 59.2 -0.6
EADA	Adamuz	2.50 0	P	Pn	11 37 59.8 +2.1
EADA	Adamuz	2.50 0	S	Pn	11 37 59.2 -0.6
EMIN	Mina Concepcio	2.69 322	↑P	Pn	11 38 02.1 +2.0
EMIN	Mina Concepcio	2.69 322	S	Sn	11 38 31.3 -0.8
EMIN	Mina Concepcio	2.69 322	↑P	Pn	11 38 02.1 +2.0
EMIN	Mina Concepcio	2.69 322	S	Pn	11 38 31.3 -0.8
SESP	Santiago Espad	2.95 33	P	Pn	11 38 06.0 +2.3
SESP	Santiago Espad	2.95 33	S	Sn	11 38 37.8 -0.7
SESP	Santiago Espad	2.95 33	P	Pn	11 38 06.0 +2.3
SESP	Santiago Espad	2.95 33	S	Pn	11 38 37.8 -0.7
EGRO	El Granado	2.99 310	↑P	Pn	11 38 06.1 +2.0
EGRO	El Granado	2.99 310	S	Sn	11 38 38.3 -1.0
EGRO	El Granado	2.99 310	↑P	Pn	11 38 06.1 +2.0
EGRO	El Granado	2.99 310	S	Pn	11 38 38.3 -1.0
PVAQ	Vaqueiros	3.06 305	eS	Pn	11 38 06.9 +1.8
PVAQ	Vaqueiros	3.06 305	A	Sn	11 38 40.5 -0.6
PVAQ	Vaqueiros	3.06 305	eS	Pn	11 38 06.9 +1.8
PVAQ	Vaqueiros	3.06 305	A	Pn	11 38 40.5 -0.6
PBDV	Barranco-do-Ve	3.13 301	↑P	Pn	11 38 08.0 +2.0
PBDV	Barranco-do-Ve	3.13 301	S	Sn	11 38 42.2 -0.4
PBDV	Barranco-do-Ve	3.13 301	↑P	Pn	11 38 08.0 +2.0
PBDV	Barranco-do-Ve	3.13 301	S	Pn	11 38 42.2 -0.4
PBAR	Barrancos	3.19 323	eS	Pn	11 38 08.8 +2.0
PBAR	Barrancos	3.19 323	A	Sn	11 38 43.3 -0.7
PBAR	Barrancos	3.19 323	eS	Pn	11 38 08.8 +2.0
PBAR	Barrancos	3.19 323	A	Pn	11 38 43.3 -0.7

KIB	El Ksiba	3.31 202	P	Pn	11 38 10.0 +1.5
KIB	El Ksiba	3.31 202	S	Sn	11 38 47.0 -0.1
KIB	El Ksiba	3.31 202	I	Sn	11 38 10.0 +1.5
KIB	El Ksiba	3.31 202	↓P	Sn	11 38 47.0 -0.1
PBEJ	Beja	3.54 313	eS	Pn	11 38 13.8 +2.3
PBEJ	Beja	3.54 313	A	Sn	11 38 51.1 -0.9
PBEJ	Beja	3.54 313	eS	Pn	11 38 13.8 +2.3
PBEJ	Beja	3.54 313	A	Pn	11 38 51.1 -0.9
MESJ	Messejana	3.64 308	eP	Pn	11 38 14.8 +1.9
MESJ	Messejana	3.64 308	eS	Pn	11 38 53.1 -1.4
MESJ	Messejana	3.64 308	eP	Pn	11 38 14.8 +1.9
MESJ	Messejana	3.64 308	eS	Pn	11 38 53.1 -1.4
EBAD	Badajoz	3.65 329	P	Pn	11 38 15.2 +2.3
EBAD	Badajoz	3.65 329	S	Sn	11 38 54.0 -1.0
EBAD	Badajoz	3.65 329	P	Pn	11 38 15.2 +2.3
EBAD	Badajoz	3.65 329	S	Pn	11 38 54.0 -1.0
MORF	Marrelete	3.67 298	eP	Pn	11 38 15.2 +1.9
MORF	Marrelete	3.67 298	eS	Pn	11 38 54.3 -1.3
MORF	Marrelete	3.67 298	eP	Pn	11 38 15.2 +1.9
MORF	Marrelete	3.67 298	eS	Pn	11 38 54.3 -1.3
MORF	Marrelete	3.67 298	P	Pn	11 38 15.0 +1.7
MORF	Marrelete	3.67 298	A	Sn	11 38 55.1 -0.5
MORF	Marrelete	3.67 298	P	Pn	11 38 15.0 +1.7
MORF	Marrelete	3.67 298	A	Pn	11 38 55.1 -0.5
MORF	Marrelete	3.67 298	S	Sn	11 38 15.2 +1.9
MORF	Marrelete	3.67 298	S	Pn	11 38 55.1 -0.5
MORF	Marrelete	3.67 298	P	Pn	11 38 15.0 +1.7
MORF	Marrelete	3.67 298	S	Pn	11 38 55.1 -0.5
PFVI	Vila Bisbo	3.73 294	eS	Pn	11 38 16.0 +2.0
PFVI	Vila Bisbo	3.73 294	A	Sn	11 38 56.6 -0.3
PFVI	Vila Bisbo	3.73 294	eS	Pn	11 38 16.0 +2.0
PFVI	Vila Bisbo	3.73 294	A	Pn	11 38 56.6 -0.3
PFVI	Vila Bisbo	3.73 294	P	Pn	11 38 15.7 +1.7
PFVI	Vila Bisbo	3.73 294	S	Sn	11 38 56.2 -0.7
PFVI	Vila Bisbo	3.73 294	P	Pn	11 38 16.0 +2.0
PFVI	Vila Bisbo	3.73 294	S	Pn	11 38 56.6 -0.3
PTEO	Sao Teotonio	3.83 301	eP	Pn	11 38 17.7 +2.4
PTEO	Sao Teotonio	3.83 301	eS	Pn	11 38 59.2 -0.1
PTEO	Sao Teotonio	3.83 301	eP	Pn	11 38 17.7 +2.4
PTEO	Sao Teotonio	3.83 301	eS	Pn	11 38 59.2 -0.1
PTEO	Sao Teotonio	3.83 301	P	Pn	11 38 17.7 +2.4
PTEO	Sao Teotonio	3.83 301	S	Pn	11 38 59.2 -0.1
PTEO	Sao Teotonio	3.83 301	P	Pn	11 38 17.7 +2.4
PTEO	Sao Teotonio	3.83 301	S	Pn	11 38 59.2 -0.1
ETOB	Tobarra	3.84 38	P	Pn	11 38 17.9 +2.3
ETOB	Tobarra	3.84 38	S	Sn	11 39 00.5 +0.7
ETOB	Tobarra	3.84 38	P	Pn	11 38 17.9 +2.3
ETOB	Tobarra	3.84 38	S	Pn	11 39 00.5 +0.7
ETOB	Tobarra	3.84 38	P	Pn	11 38 17.9 +2.3
ETOB	Tobarra	3.84 38	S	Pn	11 39 00.5 +0.7
ETOB	Tobarra	3.84 38	P	Pn	11 38 17.9 +2.3
ETOB	Tobarra	3.84 38	S	Pn	11 39 00.5 +0.7
TZC	Tazercounte	3.85 205	P	Pn	11 38 18.0 +2.1
TZC	Tazercounte	3.85 205	S	Sn	11 39 01.0 +0.7
TZC	Tazercounte	3.85 205	P	Pn	11 38 18.0 +2.1
TZC	Tazercounte	3.85 205	S	Pn	11 39 01.0 +0.7
EVO	Evora	3.96 317	ePn	Pn	11 38 20.1 +2.9
EVO	Evora	3.96 317	eS	Pn	11 39 01.6 -1.1
EVO	Evora	3.96 317	ePn	Pn	11 38 20.1 +2.9
EVO	Evora	3.96 317	eS	Pn	11 39 01.6 -1.1
EVO	Evora	3.96 317	P	Pn	11 38 19.4 +2.2
EVO	Evora	3.96 317	S	Pn	11 39 01.8 -0.9
EVO	Evora	3.96 317	P	Pn	11 38 19.4 +2.2
EVO	Evora	3.96 317	S	Pn	11 39 01.8 -0.9
PNCL	Nicolau / Gran	4.00 309	eP	Pn	11 38 19.6 +1.9
PNCL	Nicolau / Gran	4.00 309	eS	Pn	11 39 02.1 -1.4
PNCL	Nicolau / Gran	4.00 309	eP	Pn	11 38 19.6 +1.9
PNCL	Nicolau / Gran	4.00 309	eS	Pn	11 39 02.1 -1.4
PNCL	Nicolau / Gran	4.00 309	P	Pn	11 38 19.6 +1.9
PNCL	Nicolau / Gran	4.00 309	S	Pn	11 39 02.1 -1.4
PNCL	Nicolau / Gran	4.00 309	P	Pn	11 38 19.6 +1.9
PNCL	Nicolau / Gran	4.00 309	S	Pn	11 39 02.1 -1.4
EVOP	Sonseca Array	4.02 316	ePn	Pn	11 38 20.1 +2.5
EVOP	Sonseca Array	4.02 316	eS	Pn	11 39 01.6 -2.5
EVOP	Sonseca Array	4.02 316	ePn	Pn	11 38 20.1 +2.5
EVOP	Sonseca Array	4.02 316	eS	Pn	11 39 01.6 -2.5
ESDC	Sonseca Array	4.03 7	P	Pn	11 38 19.9 +1.7
ESDC	Sonseca Array	4.03 7	S	Pn	11 39 02.4 -2.1
ESDC	Sonseca Array	4.03 7	P	Pn	11 38 19.9 +1.7
ESDC	Sonseca Array	4.03 7	S	Pn	11 39 02.4 -2.1
PMRV	Marv??o	4.37 330	eP	Pn	11 38 24.9 +2.2
PMRV	Marv??o	4.37 330	eS	Pn	11 39 11.3 -1.3
PMRV	Marv??o	4.37 330	eP	Pn	11 38 24.9 +2.2
PMRV	Marv??o	4.37 330	eS	Pn	11 39 11.3 -1.3
PMRV	Marv??o	4.37 330	P	Pn	11 38 24.9 +2.2
PMRV	Marv??o	4.37 330	S	Pn	11 39 11.3 -1.3
PMRV	Marv??o	4.37 330	P	Pn	11 38 24.9 +2.2
PMRV	Marv??o	4.37 330	S	Pn	11 39 11.3 -1.3
AFON	Font Roja	4.40 46	P	Pn	11 38 27.3 +4.1
AFON	Font Roja	4.40 46	S	Sn	11 38 27.3 +4.1
AFON	Font Roja	4.40 46</			

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s ISC. Includes stations like EBNR Beni Rached, ECHA Ech Chief, EANR Ain N'Sour, etc.

DDA 09 14:12:47.8, 40:72N, 41:20E, h7km, Md2.7
CSEM 09 14:12:48.4, 0.2, 40:74N, 41:23E, h2km, MD2.7, Error
ellipse: s-maj=5.5km s-min=3.3km az=141.0
ISC 09 14:12:48.9, 40:69N, 41:19E, h1km, MD2.7
ISK 09 14:12:48.3, 1.2, 40:75N, 0:03, 41:21E, 0:03, h1km, 13km, n25, 0592/40, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s ISC. Includes stations like DDEM Demirkent, DBAD Bademkaya, DAGI Agillar, etc.

ISK 09 14:43:00.9, 41:42N, 35:96E, h6km, MD2.4
ISCJB 09 14:43:02.0, 0.5, 41:36N, 0:03, 35:82E, 0:04, h0km, Error
ellipse: s-maj=5.4km s-min=3.0km az=35.8
CSEM 09 14:43:02.5, 0.2, 41:35N, 35:82E, h2km, MD2.8, Error
ellipse: s-maj=7.4km s-min=3.8km az=39.0, Suspected Mining explosion.
DDA 09 14:43:02.4, 41:35N, 35:84E, h7km, Md2.8, Suspected Mining explosion.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s ISC. Includes stations like SAMS Samsun-Alacam, KVT Kavak, DVM Kavak, etc.

ISCJB 09 14:51:14.0, 0.2, 16:08S, 0:02, 166:99E, 0:03, h31km, mb5.2/151, MS4.5/41, Error ellipse: s-maj=4.4km s-min=3.4km az=162.3
BUJ 09 14:51:14.3, 15:89S, 166:93E, h26km, mb4.9/60, mb5.3/48, Ms5.1/37, Ms7.4/37
NEIC 09 14:51:16.0, 0.1, 16:07S, 166:99E, h35km, mb5.3/65, Error ellipse: s-maj=4.9km s-min=4.1km az=87.0
MOS 09 14:51:15.4, 1.2, 16:06S, 166:78E, h33km, mb5.4/37, Error ellipse: s-maj=9.1km s-min=7.5km az=114.6
GCMT 09 14:51:16.0, 0.1, 16:14S, 166:78E, h31km, MWS5.2/102, Moment Tensor Solution, s82, c122, s102, c169; Duration: 190 Moment tensor: Scale 1.017Nm; Mw0.70z: 0.2; Mw0.03z: 0.2; Mw0.07z: 0.1; Mw0.22z: 0.2; Mw0.53z: 0.1; Mw0.10z: 0.2; Best double couple: M0.89600x1017 NP1.3x317.000000, 854.000000, 1.68.000000. NP2.3x171.000000, 841.000000, 1.17.000000. Principal axes: T 0.7690, Plg171.00000, Azm172.00000; N 0.2530, Plg17.00000, Azm330.00000; P -1.0220, Plg7.00000, Azm62.00000; nsta1 refers to body waves, cutoff=40s; nsta2 refers to surface waves, cutoff=50s.
IDC 09 14:51:16.3, 2.8, 16:13S, 166:96E, h37km, mb4.6/28, mb1.4/729, mb1mx4.5/48, mbtmp4.8/29, ML5.5/2, MS4.5/29, Ms1.4/529, ms1mx4.5/33 Error ellipse: s-maj=16.9km s-min=11.7km az=83.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s ISC. Includes stations like DZM Mont Dzumac, HNR Honiara, HNR Nonsavu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s ISC. Includes stations like RAO Raoul Island, RMQ Roma, OUZ Omahuta, ARMA Armadale, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s ISC. Includes stations like YNG Young, CMSA Cobar Meteorol, CNB Canberra, KWAJ Kwajalein Atol, etc.

Table with columns: PPT2, comp-Z, time, eLR, LR, and numerical values. Includes entries like Papeete, Labuha, SOEI, etc.

Table with columns: QIZ, QIZ, comp-Z, time, sS, sS, pmax, LR, LR, and numerical values. Includes entries like Ussuriysk Arr, Nanjing, WHN, etc.

Table with columns: KMI, KMI, KMI, comp-Z, time, pP, pP, pmax, pmax, LR, LR, and numerical values. Includes entries like Chiang Mai Arr, Chiang Mai Arr, Chiang Mai Arr, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Thorofofe Moun, LSA Lhasa, RND Reindeer, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like AKWAG Malin Array Be, NB2 NORSAR Array B, NOA NORSAR Array A, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ARLS Aral, EKS2 Erkin-Say, UCH Uchtor, etc.

OBM 09 15:21:05.3.0.1, 50.45N; 112.14E, h2km, MI3.7/1, Error ellipse: s-maj=2.2km s-min=1.1km az=28.0

MOS 09 15:21:05.1.1.7, 50.52N; 112.13E, h10km, mb4.4/1, Error ellipse: s-maj=19.3km s-min=8.6km az=95.5

BYKL 09 15:21:05.6.0.3, 50.53N; 112.14E, Error ellipse: s-maj=19.3km s-min=8.6km az=95.5

ISC 09 15:21:05.0.6.0.5, 50.51N; 112.09E; 0.03, h10km, n35, Error ellipse: s-maj=17.4, 6C-15D, Lake Baykal region

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

KRNET 09 15:05:08.1.0.1, 41.60N; 72.47E, h18km, mb2.2

NNC 09 15:05:10.0.7.6, 41.59N; 72.45E, h0km, mb2.7, mpv2.3, Error ellipse: s-maj=78.8km s-min=1.7km az=5.0

ISC 09 15:05:07.4.1.7, 41.58N; 0.10; 72.48E; 0.03, h11km, 12km, n14, 40E7/23, 21C-3D, Kyrgyzstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like ALRZ, MRHZ, PRRZ, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like STHS, KECS, KECS, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like ISC 09 18:11:29.31.3, 45.516N, 0.04, 16.55E, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like ISC 09 18:24:37.71.3, 43.34N, 0.08, 146.84E, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like CSEM 09 18:48:01.1, 0.5, 36.61N, 21.52E, etc.

Table with columns: ATHU, Athlens Univer, 2.28 53 P, Pn, 18 48 35.8 +0.5, etc. Includes various station names and coordinates.

Table with columns: Code, Station Name, A° AZ', Phase ID, Time, Res, etc. Includes station names like Severo-Kuril's, Kuril'sk, etc.

Table with columns: JKA, Kamikawa-asahi, 8.40 223 eP, P, 19 11 25.0 +1.7, etc. Includes station names like Asahikawa, Asaj, etc.

Table with columns: SKHL 09 18:49:46.6-0.4, 44°50'N, 149°50'E, h51km, mb3.8/2, Kuril Islands, etc.

Table with columns: Code, Station Name, A° AZ', Phase ID, Time, Res, etc. Includes station names like Kuril'sk, Kur, etc.

Table with columns: ISCJB 09 19:09:22.0-0.1, 50°51'N, 150°75'E, h477km, 17km, etc. Includes station names like Kuril'sk, Kur, etc.

Table with columns: ISCJB 09 19:10:32.0-0.4, 1°47'N, 0°04', 126°51'E, 0°04', h47km, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like TMTI Ternate, LNTI Labuha, SGTI Sangihe, KMSI Cibinong, SANI Sanana, etc.

CSEM 09 19:14:25.9, 43.76N, 20:57E, h0km, ML 1.3

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like GRUS Gruzu, IVAS Ivanjica, TRUS Trudelj, etc.

TAP 09 19:15:36.7, 25.59N, 122.33E, h262km, 1km, ML 3.8, D

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like TWC Suao, YQJ Yonegami jima, TWE Neicheng, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like JKRS Kuro-shima, JKJS Ishigaki jima, JISG Ishigakijimahi, etc.

ISCJB 09 19:19:07.3, 0.3, 0.03N, 0.04, 123.30E, 0.04, h162km, mb4.3/31, Error ellipse: s-maj=5.6km s-min=5.3km

ISC 09 19:19:09.2, 1.5, 0.03N, 123.16E, h175km, 14km, mb3.7/18, mb1.3/8/20, mb1mx3.7/52, mbtmp4.2/20, MS2.7/2, Ms1.2.7/2, ms1mx2.4/32, Error ellipse: s-maj=16.2km s-min=8.9km az=78.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like GTOI Gorontalo, GTOI Cibinong, LUWI Luwuk, etc.

CSEM 09 19:24:05.0, 4.0, 11.77N, 57.78E, h10km, mb5.0/69, Error ellipse: s-maj=5.7km s-min=4.3km az=208.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like MUKL Al Mukalla, WSAR Wadi Sarin, BDHA Al Bayda, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like PETK Petropavlovsk, ZALV Zalesovo Beam, KURBB Kurchatov Arra, etc.

BJI 09 19:24:00.8, 11.59N, 57.41E, h10km, mb4.8/54, mb5.1/37, Ms4.6/39, Ms7.4/34

IDC 09 19:24:05.0, 4.0, 11.77N, 57.78E, h0km, mb4.6/50, mb1.4/6/52, mb1mx4.6/69, mbtmp4.6/52, ML4.7/2, MS4.1/31, Ms1.4.1/31, ms1mx4.0/44, Error ellipse: s-maj=10.6km s-min=9.4km az=15.0

GCMT 09 19:24:06.7, 0.2, 11.77N, 57.68E, h15km, 1km, MW5.0/97, Moment Tensor Solution. s61,c80; s97,c168; Duration: 0 Moment tensor: Scale 10^19Nm; Mr-0.38; 10; Mw-3.08; 10; Ms3.46; 11; Mw0.87; 18; Mw-2.82; 09; Mr-1.19; 22; Best double couple: M4.53300x10^16 NP1: 0.114, 0.00000, 0.84, 0.00000, 1.65, 0.00000. NP2: 0.206, 0.00000, 0.875, 0.00000, 1.6, 0.00000. Principal axes: T 4.8920, P1 5.0000, Azm 69.0000, N -0.7160, 0.9180, 0.55, Azm 273.0000, P -4.1740, Pl 66.0000, Azm 161.0000; ns1a1 refers to body waves, cutoff=40s. ns2a1 refers to surface waves, cutoff=50s.

NEIC 09 19:24:06.7, 0.2, 11.81N, 57.77E, h10km, mb5.0/69, Error ellipse: s-maj=5.7km s-min=4.3km az=208.0

ISCJB 09 19:24:08.0, 1.3, 11.81N, 57.73E, h31km, 9km, mb4.8/181, MS4.2/43, Error ellipse: s-maj=5.6km s-min=3.3km az=17.6

MOS 09 19:24:08.2, 1.1, 11.78N, 57.73E, h33km, mb5.1/52, MS4.1/10, Error ellipse: s-maj=7.0km s-min=3.9km az=111.3

CSEM 09 19:24:08.5, 0.1, 11.83N, 57.77E, h20km, mb4.9/85, Error ellipse: s-maj=6.1km s-min=4.5km az=208.0

DHMR 09 19:24:17.2, 2.7, 13.39N, 57.35E, h27km, 999km, mb5.4

ISC 09 19:24:07.0, 5.1, 11.85N, 57.80E, h0.04, h15km, 2km, h14km; PP-P, n546, r137/575, Mb4.8/181, MS4.2/43, 22C-22D, Owen Fracture Zone region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Includes stations like MUKL Al Mukalla, WSAR Wadi Sarin, BDHA Al Bayda, etc.

9d 19h

Table with columns for station name, frequency, power, and other technical details. Includes stations like MARH Ras Al Marh, MBAR Mbarara, MBAR comp=Z,516nm,21.6s, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like SIM, SIM, comp=Z,29nm,0.9s, MAESARI, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like VRI Vriocioia, VRI Vriocioia, PLOH Plostina, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like ZAAO Zalesovo Array, ZALV Zalesovo Beam, KOLS Kolonick sedl, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like MYKA Terra Mystica, TAM Tamannrasset, MOA Mollin, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like ULN Ulanbaatar, STKI Sintang, BNI Bardonecchia, etc.

THE 09:19:54.59.2,36.50N-21.63E, h22km, 2km, ML1, 8/4, Error ellipse: s-maj=4.8km s-min=1.1km az=273.0, Southern Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s ISC. Includes stations like PYL PYLOS, Ithomi, Vlachokerasia, Veliai, Antikythira.

TRN 09:20:03:54.6, 17:30N-61.75W, h36km, MD3.6, 2C, Leeward Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s ISC. Includes stations like BPA Boggy Peak, ANWB Willy's, MLYT Lee's Yard, NEV Hard Times, LZG Guadaloupe-1, DEG La Desirade, SSG Sans Toucher, MLG Mont-d'or, FNG Fond-Bernard, DOG Dongo Capester, MGG Marie-Galante, TBG Guadaloupe-3, TBG.

IDC 09:20:06:24.0, 5.27:31N, 143.20E, h0km, mb4.0/23, mb1.4, 2/27, mb1mx4.1/51, mbtmp4.0/27, ML3.6/4, MS3.4/3, Ms1.3/3, ms1mx2.9/39, Error ellipse: s-maj=14.5km s-min=12.7km az=114.0

MOS 09:20:06:25.5, 1.27:30N, 143.24E, h18km, mb4.6/13, Error ellipse: s-maj=14.4km s-min=6.6km az=114.0

NEIC 09:20:06:26.4, 1.8, 27:31N, 143.24E, h12km, 10km, mb4.7/12, Error ellipse: s-maj=10.5km s-min=6.6km az=86.0

ISCJB 09:20:06:27.0, 4.2, 27:52N, 103:143.16E, 0.05, h27km, jmb4.2/40, MS3.8/3, Error ellipse: s-maj=6.6km s-min=3.8km az=24.8

JMA 09:20:06:28.2, 0.1, 27:40N, 143.16E, h66km, M3.6, ISC 09:20:06:29.0, 0.5, 27:40N, 0.05, 143:19E, 0.06, h27km, n93, 1514/99, mb4.2/40, MS4.0/3, 4C-3D, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s ISC. Includes stations like CBJI Chichi jima, BSO1 Boso 1, BSO2 Boso 2, BSO3 Boso 3, BS04 Boso 4, JOD2 Odawara 2, JHU Hanneru, JRY Ryogami san, JHO Hyogami, JAG Ashikaga, MJAR Matsushiro Arr, MAJO Matsushiro, MAT Matsushiro, TJN Taejon, KSRS Korea Array, KSAR Wonju Array B, ASAJ Asahikawa, USRK Ussuriysk Arr, YSS Yuzh-Sakhalins, MDJ Mudanjiang, HIA Hailar, JAY Jayapura, ULN Ulanbatar, SONM Songino Array, BOD Bodaibo, ZAK Zakamensk, TLY Talaya, TLI Talaya, TLT Talaya, TLY Talaya, MOY Mondy, CMAR Chiang Mai Arr, TIXI Tiksi, LSA Lhasa, WRAB Tennant Creek, WRA Warramunga Arr.

comp=2.2,6nm,0.8s,baz=12,slow=8.6,SNR=19

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s ISC. Includes stations like TAPN Tapejung, ODAN Odare, ZALVO Zalesovo Beam, RALM Ramit, JIRN Jiri, GUN Gumba, NUN Nussirsk, KKN Kakani, MKAR Makanchi Array, GKN Gorkha, ASAR Alice Springs, ASAR, KOLN Koldanda, PYUN Pyutha, KURK Kurchatov, KURK Kurchatov, KDAK Kodiak Island, AAK Ala-Archa, ILAR Inuvik, BRVK Borovoye, STKA Stephens Creek, KKAR Karatay Array, KKAR Karatay Array, INK Inuvik, SVE Sverdllovsk, ARU Arti, ARU Arti, ABKAR Abkular array, GEYT Alibek, YKA Yellowknife Arr, RPES ARCESS Array B, ARZ Rata Peaks, OBN Obninsk, FINES FINES Array B, KBZ Khabaz, KIV Kislovodsk, VSU Vasula, INVAR Invar, AKASG Malin Array B, PDAR Pinedale Array, HFS Hagfors, NB2 NORPAR Subarra, NOA NORPAR Array B, RAYN Ar Rayn, GERES GERES Array B, TXRD Lajitas Array, TORZ Torodi Arr, PLCA Paso Flores, ISCJB 09:20:27.8, 0.3, 7:59S, 0:05, 121:00E, 0:07, h550km, mb3.9/3, Error ellipse: s-maj=8.7km s-min=6.5km az=167.5, IDC 09:20:28.2, 0.7, 7:34S, 121:11E, h566km, 6km, mb3.1/10, s-maj=30.4km s-min=9.0km az=67.0, DJA 09:20:29.0, 0.4, 8:5, 4:12E, h546km, 5km, M4.1/14, mb4.2/13, mb4.6/8, ML4.5/4, M4.1/14, M4.1/14, ISC 09:20:29.0, 0.6, 7:51S, 0:07, 121:0E, 0:1, h550km, n39, 15169/44, mb3.6/3, Flores Sea

0.1nm,0.3s,baz=315,slow=16,SNR=3.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s ISC. Includes stations like SWI Sorong, MYLDM Lahad Datu, WRA Warramunga Arr, WRA, ASAR Alice Springs, ASAR, ASAR, STKA Stephens Creek, STKA, KRSR Korea Array, MJAR Matsushiro Arr, USRK Ussuriysk Arr, SONM Songino Array, MKAR Makanchi Array, PETK Petropavlovsk, VVND Vanda, TORD Torodi Arr, JOM Florida, JMA 09:20:25:36.9, 0.3, 40:35N, 145:52E, h48km, M3.8, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s ISC. Includes stations like JEM Erimo, JEM, JAK Akkeshi, JAK, JCH Churui, JTH Tanohata, JNBH Unakawa-nobuka, JNBK Nemuro 2, JANG Nango, JAR Ashorobuto, JOM Ohasama, JTM Tenmabayashi, JOT Ohata, JFR Furan, JRA Rausu, JMK Ichinoseki, JKB Kayabe, JAH Hinai, JTRK Abashiri-Toko, JTRK Rokugo, JRG, JEW Eniwo, JYU Kaneyama, JOU Okuma, JOU.

IDC 09:20:34:42.9, 0.3, 31:15S, 177:58W, h0km, mb4.3/6, mb1.4, 4/47, mb1mx4.1/29, mbtmp4.2/7, ML3.8/1, MS3.3/2, Ms1.3/3, ms1mx2.8/35, Error ellipse: s-maj=27.9km s-min=20.6km az=125.0

ISCJB 09:20:34:45.7, 1.0, 31:34S, 0:06, 177:8W, 0:2, h27km, mb4.4/8, Error ellipse: s-maj=20.9km s-min=7.2km az=13.9

NEIC 09:20:34:48.0, 0.6, 31:17S, 177:66W, h35km, mb4.7/3, Error ellipse: s-maj=15.8km s-min=10.6km az=120.0

ISC 09:20:34:46.9, 0.8, 31:19S, 0:07, 177:7W, 0.1, h27km, n26, 15162/28, mb4.4/8, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s ISC. Includes stations like RAO Raoul Island, RAO, URZ Urewera, URZ, URZ Urewera, URZ Omahuta, DZM Mont Dzumac, RAR Rarotonga, CTA Charters Tower, CTAO Charters Tower, STKA Stephens Creek, ASAR Alice Springs, ASAR, WRAB Tennant Creek, WRA Warramunga Arr, FITZ Fitzroy Crossi, QSPA South Pole Qui, NVAR Mina Array Bea, MKAR Makanchi Array, KURK Kurchatov, BVAR Borovoye Array, OBN Obninsk, FINES FINES Array B, NB2 NORPAR Subarra, NOA NORPAR Array B, AKASG Malin Array B, BRTR Keskin Array B, GERES GERES Array B, TORD Torodi Arr, IDC 09:20:44:38.8, 3.0, 31:12S, 177:67W, h0km, mb3.7/2,

9d 22h

Table with columns: YSS, Yuzh-Sakhalins, 16.00, 10, p, Pn, 22 29 05.0 +2.1, etc. Lists various stations and their frequencies.

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Table with columns: KURK, Kurchatov, 47.98 312, eP, P, 22 33 39.8 -0.5, etc. Lists various stations and their frequencies.

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Table with columns: KIEV, Kiev, 77.53 322, eP, P, 22 36 53.5 -0.2, etc. Lists various stations and their frequencies.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like FETA Feichten, FUORN Otentpass-Fuorn, TXAR Lajitas Array, etc.

ISC 09 22:33:13.8, 0.6, 6.56S; 154.78E, h0km, mb4.2/12, mb1 4.5/13, mb1mx4.3/37, mbtmpt4.3/13, ML3.4/1, MS3.1/6, Ms1 3.2/6, ms1mx3.0/28, Error ellipse: s-maj=23.5km s-min=16.7km az=1.0

ISCJBJ 09 22:33:21.5, 1.7, 6.58S; 0.06, 154.67E, 0.08, h3.6km, mb4.3/10, mb4.2/20, Error ellipse: s-maj=13.6km s-min=9.9km az=13.7

NEIC 09 22:33:25.0, 1.0, 6.56S; 154.64E, h3.8km, mb4.3/10, Error ellipse: s-maj=11.8km s-min=7.6km az=93.0

ISC 09 22:33:22.9, 1.4, 6.62S; 0.08, 154.7E, 0.1, h6.6km, 12km, n67, c088/72, mb4.3/20, Bougainville-Solomon Islands region

Main table of station data with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations including RABL Rabaul, PMG Port Moresby, PMG Port Moresby, etc.

CSEM 09 22:35:47.3, 43.01N, 12.86E, h6km, MD1.9/6 ROM 09 22:35:47.3, 0.2, 43.01N, 12.86E, h6km, 1km, MD1.9/6, MI1.1/3, Error ellipse: s-maj=2.5km s-min=1.0km az=75.0, Central Italy

Table of station data for Central Italy region, including CESI Cesi-Serrava, FDMO Fiordimonte, NRCA Norcia, etc.

ISC 09 22:44:35.6, 6.1, 31.106S; 177.54W, h0km, mb4.3/3, mb1 4.5/4, mb1mx4.0/34, mbtmpt4.4/4, ML4.5/1, Error ellipse: s-maj=34.0km s-min=23.4km az=107.0

ISCJBJ 09 22:44:37.8, 1.6, 31.29S; 0.08, 177.74W, 0.3, h2.7km, mb4.5/6, Error ellipse: s-maj=31.5km s-min=8.0km az=8.5

NEIC 09 22:44:40.6, 0.6, 30.99S; 177.55W, h3.5km, mb4.6/2, Error ellipse: s-maj=17.1km s-min=10.9km az=100.0

ISC 09 22:44:39.6, 1.0, 31.25S; 0.08, 177.7W, 0.2, h2.7km, n18, c096/20, mb4.6/6, Kermadec Islands region

Table of station data for Kermadec Islands region, including RAO Raoul Island, URZ Urewera, KHZ Kahutara, etc.

ISC 09 22:52:22.9, 1.4, 47.45S; 165.28E, h0km, mb4.0/4, mb1 4.1/4, mb1mx4.0/24, mbtmpt4.0/4, MS3.7/6, Ms1 3.7/6, ms1mx3.4/18, Error ellipse: s-maj=51.5km s-min=31.9km az=20.0

WEL 09 22:52:23.6, 0.9, 47.23S; 164.97E, h3.3km, ML4.7/1, Mw4.4, Error ellipse: s-maj=10.6km s-min=5.7km az=90.0

NEIC 09 22:52:24.0, 0.5, 47.23S; 165.46E, h10km, mb4.0/3, ML4.7(WEL), Error ellipse: s-maj=12.8km s-min=4.9km az=161.0

ISC 09 22:52:23.2, 7.4, 47.14S; 0.07, 165.38E, 0.06, h2km, 1.4km, n75, c1942/87, mb4.0/6, MS3.6/5, 1D, Off west coast of South Island

Table of station data for South Island region, including PUY Puysegur Point, WHZ Wether Hill, etc.

Table of station data for Vanaka region, including WKZ Wanaka, HHSZ Highcliff Hill, JCBZ Jackson Bay, etc.

ISC 09 22:53:57.6, 0.1, 39.97N; 0.03, 39.92E, 0.05, h11km, 5km, Error ellipse: s-maj=6.2km s-min=4.3km az=20.1

CSEM 09 22:53:57.6, 0.1, 39.96N; 39.89E, h10km, MD2.7, Error ellipse: s-maj=2.9km s-min=2.2km az=112.0

ISK 09 22:53:57.2, 39.97N; 39.93E, h12km, MD2.6

DDA 09 22:53:58.2, 39.99N; 39.85E, h7km, MD2.7

ISC 09 22:53:57.6, 0.1, 39.97N; 0.02, 39.87E, 0.03, h0km, 10km, n27, c083/40, Turkey

Main table of station data for Vanaka region, including STKA Stephens Creek, WRA Warramunga Arr, etc.

CMAR Chiang Mai Arr 39.98 104 P P 23 42 12.8 -0.1
TORD Torodi Ar. Bea 55.12 261 P P 23 44 08.1 -2.6

ISCJB 09 23:58:19.3:0.8,17.01S:0.07:71.13W:0.07,h100km,
mb3.4/3, Error ellipse: s-maj=11.8km s-min=7.2km az=34.6

IDC 09 23:58:22.7:1.7,16.79S:70.99W,h110km,13km,mb3.4/3,
mb1 3.7/7,mb1mx3.4/34,mbtmp4.0/7, Error ellipse:
s-maj=27.5km s-min=13.3km az=13.0

ISC 09 23:58:21.6:0.8,16.93S:0.08:71.06W:0.08,h100km,n8,
#164/11,mb3.4/3,Southern Peru

Code Station Name A° AZ° Phase ID Time Res
LPAZ La Paz 2.88 78 P P 23 59 08.3 +0.1
LVC Limon Verde 6.00 161 P P 23 59 50.5 +2.3
LVC 431nm,0.3s,baz=202,slow=19,SNR=28

IDC 10 00:04:05.4:5.5,19.35S:176.19W,h0km,mb4.2/5,
mb1 4.4/5,mb1mx3.9/40,mbtmp4.2/5, Error ellipse:
s-maj=174.3km s-min=67.5km az=135.0, Fiji Islands region

Code Station Name A° AZ° Phase ID Time Res
STKA Stephens Creek 39.83 243 P P 10 11 41.1 +0.4
ASAR Alice Springs 46.45 255 P P 10 12 34.3 -0.2
WRA Warrumunga Arr 46.46 261 P P 10 12 34.5 0.0

IDC 10 00:20:25.8:6.9,29.55S:179.08E,h0km,mb3.7/3,
mb1 4.0/3,mb1mx3.7/32,mbtmp3.7/3, Error ellipse:
s-maj=271.4km s-min=43.5km az=154.0, Kermadec Islands region

Code Station Name A° AZ° Phase ID Time Res
ASAR Alice Springs 40.62 267 P P 10 28 07.2 +0.5
WRA Warrumunga Arr 41.53 273 P P 10 28 15.3 +0.2
ILAR Eilson Array 97.70 14 P P 10 34 01.6 -0.2

IDC 10 00:21:18.0:4.6,29.94S:177.91W,h0km,mb3.8/2,
mb1 4.0/2,mb1mx3.7/33,mbtmp3.8/2, Error ellipse:
s-maj=234.1km s-min=70.8km az=166.0, Kermadec Islands

Code Station Name A° AZ° Phase ID Time Res
ASAR Alice Springs 43.22 266 P P 10 29 20.8 +0.4
WRA Warrumunga Arr 44.16 272 P P 10 29 28.9 +0.2
FINES FINES Array B 44.74 340 P P 10 40 55.2 +0.3

ISCJB 10 00:24:55.6:4.4,26.0S:0.2:179.3E:0.6,h503km,mb3.9/3,
Error ellipse: s-maj=77.0km s-min=15.3km az=158.9

IDC 10 00:24:55.7:8.2,26.0S:179.26E,h480km,76km,mb3.4/3,
mb1 3.6/5,mb1mx3.2/56,mbtmp4.4/5, Error ellipse:
s-maj=83.2km s-min=26.2km az=39.0

ISC 10 00:24:57.3:1.1,26.15S:0.3:179.2E:0.2,h503km,n15,
#069/16,mb4.0/3,South of Fiji Islands

Code Station Name A° AZ° Phase ID Time Res
URZ Urewera 12.21 188 P P 10 27 38.4 +0.5
URZ 3.6nm,0.3s,baz=29,slow=7,SNR=12
RPZ Rata Peaks 18.75 199 P P 10 28 43.9 -0.3

MDD 10 00:34:22.4:2.3,40.12N:13.62W,h0km,mb3.9/5, Error
ellipse: s-maj=20.2km s-min=15.5km az=78.0, PRXIMO SIN SOLUCIN

INMG 10 00:34:26.1:0.4,40.11N:14.04W,h10km,ML2.2, Error
ellipse: s-maj=7.7km s-min=4.7km az=91.0

CSEM 10 00:34:25.0:0.5,40.08N:13.33W,h10km,ML2.9/19, Error
ellipse: s-maj=7.9km s-min=5.8km az=82.0

ISC 10 00:34:19.9:3.1,40.10N:0.05:13.7W:0.2,h10km,n67,
#198/97,North Atlantic Ocean

Code Station Name A° AZ° Phase ID Time Res
PMAFR Mafrá 3.60 107 eSn Sn 10 35 58.2 -0.2
PMAFR Mafrá 3.60 107 S Sn 10 35 58.7 +0.3
PMAFR Mafrá 3.60 107 eSn Sn 10 35 58.2 -0.2

PTOM Tomar 4.10 95 P Pn 00 35 24.6 +2.0
PTOM Tomar 4.10 95 ePn Pn Sn 00 35 24.6 +2.0
PMTG Montargil 4.35 102 eSn A A 00 36 16.3 -0.6

mb4.4/38, Error ellipse: s-maj=5.3km s-min=3.7km
az=21.8
NEIC 10 00:41:16.9:0.5,22.03S:63.73W,h526km,7km,mb4.7/26,
Error ellipse: s-maj=10.6km s-min=8.9km az=84.0

10d 2h

233A	Rising Star	65.25	330	P	P	02 23 00.7 +0.6
X40A	Basin Creek Fa	65.34	340	P	P	02 23 01.3 +0.8
134A	White-Moore Ra	65.42	334	P	P	02 23 02.0 +0.9
Z36A	Blue Ridge	65.43	336	P	P	02 23 01.6 +0.4
Y38A	Idabel	65.44	338	P	P	02 23 02.1 +0.9
232A	Coleman	65.44	333	P	P	02 23 01.9 +0.5
MIAR	Mount Ida	65.62	339	P	P	02 23 03.2 +0.8
MIAR	Mount Ida	65.62	339	eP	P	02 23 03.2 +0.8
MIAR	Mount Ida	65.62	339	eP	pmax	02 23 03.2 +0.8
231A	Bronte	65.76	332	P	P	02 23 04.0 +0.7
X39A	Fountain Ranch	65.76	338	P	P	02 23 04.2 +0.9
133A	Hamilton Ranch	65.78	334	P	P	02 23 04.3 +0.8
Y37A	Hugo	65.79	337	P	P	02 23 04.6 +1.2
Z35A	Perchaven, San	65.79	335	P	P	02 23 04.1 +0.7
Y36A	Durant	65.95	336	P	P	02 23 05.1 +0.7
W40A	Ferguson Farm,	66.06	340	P	P	02 23 05.9 +0.7
Z34A	Collier Ranch,	66.07	335	P	P	02 23 05.9 +0.6
ABTX	Abilene, Hawle	66.08	333	P	P	02 23 06.0 +0.6
ABTX	Abilene, Hawle	66.08	333	eP	P	02 23 05.6 +0.2
X38A	Whitesboro	66.14	338	P	P	02 23 06.5 +0.8
Y35A	Marietta	66.22	336	P	P	02 23 06.9 +0.7
X37A	Clayton	66.25	337	P	P	02 23 06.6 +0.2
W39A	Magazine	66.29	339	P	P	02 23 07.2 +0.6
Z33A	Whitaker Ranch	66.32	334	P	P	02 23 07.4 +0.5
Y34A	Reagan Ranch,	66.53	335	P	P	02 23 08.3 0.0
X36A	Centrahoma	66.58	337	P	P	02 23 08.5 +0.1
Z32A	Haskell	66.62	334	P	P	02 23 09.3 +0.5
W37B	Quinton	66.77	338	P	P	02 23 10.2 +0.4
PBMO	Poplar Bluff	66.78	342	eP	P	02 23 09.2 -0.5
V39A	Pettigrew	66.84	339	P	P	02 23 10.3 +0.1
W36A	Wetumka	67.05	337	P	P	02 23 11.6 +0.2
U40A	Yellville	67.07	340	P	P	02 23 11.7 +0.1
V38A	Canehill	67.10	339	P	P	02 23 11.0 -0.8
X34A	Smith Ranch, M	67.14	336	P	P	02 23 12.6 +0.5
WCI	Wyandotte Cave	67.17	346	eP	P	02 23 12.9 +0.7
WCI	Wyandotte Cave	67.17	346	eP	pmax	02 23 12.9 +0.7
Y32A	R-V Farms, Ver	67.22	334	P	P	02 23 13.2 +0.6
USIN	University of	67.22	345	eP	P	02 23 13.7 +1.2
W35A	Tecumseh	67.28	337	P	P	02 23 13.2 +0.2
U39A	Green Forest	67.29	340	P	P	02 23 13.0 +0.1
X33A	Lawton	67.33	335	P	P	02 23 13.6 +0.3
V37A	Hulbert	67.36	338	P	P	02 23 13.8 +0.5
Y31A	Rekieta Farm,	67.50	333	P	P	02 23 14.8 +0.3
V36A	Jenks	67.53	338	P	P	02 23 14.1 -0.4
TUL1	Leonard	67.60	338	P	P	02 23 15.5 +0.6
TUL1	Leonard	67.60	338	eP	P	02 23 15.2 +0.3
WMOK	Wichita Mounta	67.61	335	eP	P	02 23 14.6 -0.5
WMOK	Wichita Mounta	67.61	335	eP	pP	02 23 13.1 -0.6
WMOK	Wichita Mounta	67.61	335	eP	pP	02 23 14.4 -0.5
U38A	Gravette	67.62	339	P	P	02 23 15.3 +0.2
T40A	Mansfield	67.71	341	P	P	02 23 16.5 +0.8
MNTX	Cornudas Mount	67.80	328	P	P	02 23 17.2 +0.9
MNTX	Cornudas Mount	67.80	328	eP	P	02 23 15.8 -0.5
U37A	Galina	67.83	339	P	P	02 23 17.0 +0.7
T39A	Clever	67.85	340	P	P	02 23 17.1 +0.6
W33A	Caddo, Fort Co	67.86	335	P	P	02 23 17.3 +0.6
X31A	McDonald Ranch	67.98	334	P	P	02 23 17.4 0.0
S40A	Lebanon	68.12	341	P	P	02 23 18.3 +0.1
V34A	Guthrie	68.13	336	P	P	02 23 17.8 -0.4
V34A	Guthrie	68.13	336	eP	P	02 23 17.1 -1.2
V34A	Sentinel	68.13	335	eP	pP	02 25 43.0 -6.7
W32A	Sentinel	68.13	335	P	P	02 23 18.3 0.0
T38A	Diamond	68.14	339	P	P	02 23 17.5 -0.8
U35A	Pawnee	68.33	337	P	P	02 23 19.2 -0.3
V33A	Lossen Ranch,	68.39	336	P	P	02 23 19.5 -0.5
T37A	Cheneyville 18	68.42	339	P	P	02 23 20.1 +0.1
ODNJ	Ogdensburg	68.44	356	eP	pP	02 23 18.4 -1.7
ODNJ	Ogdensburg	68.44	356	eP	pP	02 23 41.0 +2.3
S39A	Bolivar	68.45	340	P	P	02 23 19.8 -0.4
MSTX	Muleshoe	68.55	331	P	P	02 23 20.9 -0.2
MSTX	Muleshoe	68.55	331	eP	P	02 23 21.4 +0.3
S38A	Stockton	68.57	340	P	P	02 23 20.8 -0.1
V32A	Arapaho	68.58	335	P	P	02 23 20.8 -0.4
T36A	Boggs Farm, Ca	68.67	338	P	P	02 23 21.2 -0.4
U34A	Anderson Ranch	68.67	337	eP	P	02 23 23.5 +1.9
R40A	Maddies Statio	68.70	342	P	P	02 23 21.0 -0.7
T35A	Sooner Cattle	68.75	338	P	P	02 23 21.3 -0.8
AMTX	Amarillo	68.88	333	eP	P	02 23 26.1 +3.0
AMTX	Amarillo	68.88	333	eP	pP	02 23 24.2 +2.5
R39A	Chumby, Stover	68.94	341	eP	pP	02 23 23.6 +0.4
S37A	Fort Scott	68.97	339	P	P	02 23 23.3 -0.1
T34A	McCleary Farm	69.08	337	P	P	02 23 24.2 +0.1
R38A	Fenwick Farm,	69.08	340	P	P	02 23 24.1 0.0
S36A	Lake Cedric, C	69.18	339	P	P	02 23 25.0 +0.2
Q40A	Laux Farm, Aux	69.30	342	P	P	02 23 26.0 +0.5
S35A	Otter Creek Ra	69.38	338	P	P	02 23 26.6 +0.6
R37A	Teagarden Farm	69.48	340	P	P	02 23 27.3 +0.7
T33A	Patterson Ranc	69.50	336	P	P	02 23 27.6 +0.8

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Q39A	Willow Grove F	69.60	341	P	P	02 23 28.2 +0.9
B1NY	Bingham	69.64	355	eP	pP	02 23 29.4 +1.9
B1NY	Cookes Peak, D	69.64	327	eP	pP	02 23 28.8 +0.9
121A	Cookes Peak, D	69.64	327	eP	P	02 23 28.9 +1.0
Q38A	Cookes Peak, D	69.71	341	P	P	02 23 27.6 -0.4
P40A	Paris	69.80	342	P	P	02 23 29.3 +0.8
T32A	Hudeler Ranch,	69.83	336	P	P	02 23 29.5 +0.6
Q37A	Longview Farm,	69.88	340	P	P	02 23 29.8 +0.7
R35A	Emporia Munic	69.92	338	P	P	02 23 30.6 +1.2
ERPA	Erie	69.94	352	eP	P	02 23 33.8 +4.5
ERPA	Erie	69.94	352	eP	pP	02 23 48.0 0.0
P39A	Salisbury	69.95	342	P	P	02 23 30.7 +1.3
T31A	Randall Ranch,	70.04	335	P	P	02 23 31.2 +1.1
HDIL	Hopedale	70.07	345	P	P	02 23 31.4 +1.3
HDIL	Hopedale	70.07	345	eP	P	02 23 30.0 -0.2
R34A	Isabella, Hill	70.25	338	P	P	02 23 32.4 +1.1
Q36A	Arnold C. Orve	70.27	339	P	P	02 23 33.2 +1.8
O40A	La Belle	70.30	343	P	P	02 23 32.0 +0.4
Q35A	Mercer Eighty,	70.36	339	P	P	02 23 32.7 +0.7
BNM	Barren Site	70.42	329	eP	P	02 23 31.9 -0.8
B31A	Mullinville	70.43	336	eP	pP	02 23 53.5 -0.3
TBI	Tubual	70.48	253	eT	T	03 40 15.3
R33A	Olander Ranch,	70.51	337	P	P	02 23 34.0 +1.0
Q39A	Kirkville	70.61	342	P	P	02 23 34.1 +0.6
VNDA	Fanda	70.67	190	P	LR	02 23 34.2 +0.7
VNDA	Fanda	70.67	190	P	LR	02 53 17.7
KSU1	Kenasa State U	70.76	339	eP	P	02 23 35.4 +1.0
R32A	Long Quarter,	70.86	337	P	P	02 23 36.0 +0.9
P35A	Duane Minner,	70.96	339	P	P	02 23 35.8 +0.1
O37A	Wolven Farm, M	70.98	341	P	P	02 23 36.1 +0.4
ANMO	Albuquerque	71.00	329	P	P	02 23 37.4 +1.2
ANMO	Albuquerque	71.00	329	eP	P	02 23 37.4 +1.2
ANMO	Albuquerque	71.00	329	eP	P	02 23 37.4 +1.2
S29A	Ulysses	71.04	334	P	P	02 23 37.6 +1.3
O36A	Bolton	71.19	340	P	P	02 23 37.5 +0.5
P34A	Walnut Farm, R	71.24	339	P	P	02 23 37.7 +0.3
SYO	Syowa Base	71.27	159	eP	P	02 23 35.3 -1.9
S28A	Manteo	71.31	334	P	P	02 23 38.4 +0.4
LIC	Lamto	71.31	72	eP	P	02 23 41.6 +3.2
Q32A	Mettler Ranch,	71.32	337	P	P	02 23 38.9 +1.0
MEH	Mehetia	71.41	259	eT	T	03 41 20.9
TIC	Toumudi	71.54	72	eP	P	02 23 39.8 0.0
Q31A	Ellis	71.62	336	P	P	02 23 41.4 +1.6
KIC	Kosan Boka	71.63	72	eP	P	02 23 40.4 +0.1
DBIC	Dimbokro	71.69	72	P	P	02 23 41.0 +0.3
DBIC	Dimbokro	71.69	72	eP	pP	02 24 00.5 +1.1
DBIC	Dimbokro	71.69	72	eP	pP	02 24 08.5 +1.4
DBIC	Dimbokro	71.69	72	eP	LR	02 52 21.0
DBIC	Dimbokro	71.69	72	eP	pP	02 23 41.3 +0.7
DBIC	Dimbokro	71.69	72	eP	pP	02 24 00.5 +1.1
214A	Organ Pipe Nat	71.76	323	P	P	02 23 41.3 +0.7
214A	Organ Pipe Nat	71.76	323	eP	P	02 23 42.9 +2.2
M38A	Pleasantville	71.87	342	P	P	02 23 41.5 +0.4
Q30A	Quinter	71.90	336	P	P	02 23 42.0 +0.6
R28A	Tribune	71.94	334	P	P	02 23 42.2 +0.5
T25A	Trinidad	71.94	332	P	P	02 23 42.3 +0.4
T25A	Trinidad	71.94	332	eP	pP	02 23 39.2 -2.7
O33A	Hebron	71.96	338	P	P	02 24 02.4 +1.5
N35A	Tabor	72.06	340	P	P	02 23 42.7 +0.5
P31A	Stockton	72.08	337	P	P	02 23 42.9 +0.5
M37A	Trindle Farm,	72.10	341	P	P	02 23 42.8 +0.4
Q29A	Oakley	72.10	335	P	P	02 23 42.7 +0.1
FRNY	Flat Rock	72.13	357	eP	pP	02 24 00.1 -0.4
N34A	Lincoln	72.31	339	P	P	02 23 43.9 +0.2
SCIA	State Center	72.33	342	eP	P	02 23 43.3 -0.5
M36A	Felix, Anita	72.36	341	P	P	02 23 44.2 +0.2
JFWS	Jewell Farm	72.53	345	eP	pP	02 23 46.8 +1.8
JFWS	Jewell Farm	72.53	345	eP	pP	02 23 46.8 +1.8
JFWS	Jewell Farm	72.56	259	eT	pP	02 24 04.2 +0.4
TIAR	Tiarei	72.68	327	eP	P	02 23 48.0 +1.7
W18A	Petrified Fore	72.68	334	eP	P	02 23 45.8 -0.1
L37A	Phoenix Point,	72.68	342	P	P	02 23 47.3 +0.3
K3CO	Kaye Shedlock	72.83	334	eP	LR	02 46 08.7
PPT2	Papeete	72.84	259	eLR	LR	02 46 08.7
PPT	Papeete	72.85	259	LR	LR	02 47 22.5
L36A	Harm Buss Farm	72.92	341	P	P	02 23 48.0 +0.7
SDCO	Great Sand Dun	72.92	331	eP	P	02 23 48.1 +0.3
L34A	Svendsen Farm,	73.30	340	P	P	02 23 50.7 +1.1
BGNE	Belgrade	73.35	338	P	P	02 23 51.2 +1.3
BGNE	Belgrade	73.35	338	eP	P	02 23 50.7 +0.8
O28A	Krutsinger Ranch	73.48	335	P	P	02 23 52.1 +1.3
S22A	4UR Ranch, Cre	73.49	330	P	P	02 23 52.1 +1.0
MVCO	Mesa Verde	73.80	329	P	P	02 23 54.3 +1.4
MVCO	Mesa Verde	73.80	329	eP	P	02 23 53.5 +0.6
Q24A	Divide	73.80	332	P	P	02 23 54.2 +1.2
Q24A	Divide	73.80	332	eP	P	02 23 53.9 +0.9
WUAZ	Wupatki	73.80	326	P	P	02 23 54.2 +1.3
WUAZ	Wupatki	73.80	326	eP	P	02 23 53.6 +0.7
K33A	Hardington	74.07	340	P	P	02 23 54.8 +0.7
I38A	Scanlan Farm,	74.09	344	P	P	02 23 55.5 +1.4

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L31A	Butterfield Fa	74.27	338	P</
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Table of astronomical observations for February 2011, including station names (e.g., F26A, BW06), object names (e.g., Lodgepole, Boulder Array), coordinates, and observation times.

Table of astronomical observations for February 2011, including station names (e.g., EDM, BKZ), object names (e.g., Edmonton, Urewera), coordinates, and observation times.

Table of astronomical observations for February 2011, including station names (e.g., MKAR, NDI), object names (e.g., Makanchi Array, New Delhi), coordinates, and observation times.

10d 2h

Table with columns for station name, coordinates, and other data. Includes stations like Epfallo, University Cam, Rodini, Anninata, Valsamata, etc.

2011 FEB

Table with columns for station name, coordinates, and other data. Includes stations like SKIA, SKIA, SKIA, etc.

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Table with columns for station name, coordinates, and other data. Includes stations like Plostin, CRES, CRES, etc.

BUL 10 02:38:12.4, 38:35N-20:85E, h17km, mb4.4/10, mB5.0/8, ...
MOS 10 02:38:18.8, 1.3, 38:91N-21:03E, h28km, mb4.4/4, Error ellipse: s-maj=6.7km s-min=3.6km az=84.0, ...

Table with columns for Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DSI, DSI, DSI, etc.

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

30C-17D, Bonin Islands region

Main table of station data for the Bonin Islands region, including stations like CBIJ Chichi jima, JHHJ Haha-jima-NKT, MAJQ Matsushiro, etc.

Main table of station data for the 2011 FEB period, including stations like HHC comp=Z,9.0nm,0.9s, XAN Xi'an, GYZ Guiyang, etc.

Main table of station data for the 10d 3h period, including stations like BILL comp=Z,6.0nm,0.9s, TIXI Tiksi, SHL Shillong, etc.

10d 3h

2011 FEB

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like INK Inuvik, SVE Sverdlövs, ARU Arti, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like YES Vestal, Richgr, MCMT McKenzie Canyon, SBC San Barbara, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like Y12C Blythe, PDMC Parker Dam, Lak, P18A Preston Nutter, etc.

STHS	Stebnicka Huta	87.99	326	eP	P	03 17 40.7	+1.0
STHS	Stebnicka Huta	87.99	326	eP	P	03 17 40.7	+1.0
AGMM	Agassiz Nation	88.01	35	P	P	03 17 39.6	-0.1
AGMM	Agassiz Nation	88.01	35	eP	P	03 17 39.9	+0.1
E31A	Nome	88.05	37	P	P	03 17 39.9	0.0
J28A	Allard Ranch,	88.07	41	P	P	03 17 40.1	-0.1
B33A	Robert and Kas	88.16	35	P	P	03 17 39.9	-0.6
CRVS	Cervenica-Dubn	88.22	326	eP	P	03 17 40.9	+0.1
CRVS	Cervenica-Dubn	88.22	326	eP	P	03 17 40.1	-0.1
Q24A	Divide	88.22	47	P	P	03 17 40.4	-1.0
G30A	Faulkton	88.24	39	P	P	03 17 40.9	-0.1
I29A	Vivian Onida	88.25	40	P	P	03 17 40.7	-0.3
F31A	Hecla	88.28	38	P	P	03 17 40.8	-0.3
C33A	Trail	88.40	35	P	P	03 17 41.2	-0.4
B34A	Aery, Baudette	88.50	34	P	P	03 17 41.6	-0.5
VOIR	Okreek	88.54	322	flP	P	03 17 42.2	-0.2
VOIR	Okreek	88.54	322	flP	P	03 17 42.2	-0.2
J29A	Okreek	88.61	41	P	P	03 17 42.5	-0.2
S30C	Great Sand Dun	88.67	48	P	P	03 17 43.0	-0.5
GD1C	Conde	88.70	38	P	P	03 17 43.0	-0.1
D33A	AnnSam, Waubun	88.76	36	P	P	03 17 43.1	-0.3
SUSD	Miller	88.77	39	P	P	03 17 42.9	-0.6
I30A	Oacoma	88.82	40	P	P	03 17 43.8	0.0
F32A	Veblen	88.89	37	P	P	03 17 43.8	-0.2
C34A	RKJ Ranch, Bem	88.91	35	P	P	03 17 43.6	-0.4
DRGR	DRGR	88.95	324	flP	P	03 17 44.0	-0.3
DRGR	DRGR	88.95	324	flP	P	03 17 44.0	-0.3
K29A	Lazy Trails An	89.00	41	P	P	03 17 44.2	-0.4
B35A	Bob, Littlefor	89.05	34	P	P	03 17 44.4	-0.3
OGNE	Ogallala	89.05	44	P	P	03 17 44.5	-0.4
E33A	Westby DABS, E	89.09	36	P	P	03 17 45.0	+0.1
D34A	Park Rapids	89.14	36	P	P	03 17 44.9	-0.2
J30A	Dallas	89.14	41	P	P	03 17 44.9	-0.4
C35A	Jirik Farms, M	89.36	35	P	P	03 17 45.8	-0.3
F33A	5 Mile Ranch,	89.36	37	P	P	03 17 46.1	0.0
K30A	Basset	89.47	41	P	P	03 17 46.4	-0.4
N28A	Pribbeno Ranch	89.50	44	P	P	03 17 46.6	-0.4
E34A	Wadena	89.52	36	P	P	03 17 46.6	-0.3
MORC	Moravsky Berou	89.52	328	flP	P	03 17 46.8	-0.1
MORC	Moravsky Berou	89.52	328	flP	P	03 17 46.8	-0.1
ANMO	Albuquerque	89.57	50	eP	P	03 17 48.2	+0.6
ANMO	Albuquerque	89.57	50	flP	P	03 17 48.3	+0.7
ANMO	Albuquerque	89.57	50	flP	P	03 17 48.3	+0.7
H31A	Carlson Farm,	89.58	39	P	P	03 17 46.9	-0.3
J32A	Geddes	89.60	40	P	P	03 17 46.9	-0.5
PSZ	Piszkesteto	89.65	326	flP	P	03 17 47.5	-0.1
PSZ	Piszkesteto	89.65	326	flP	P	03 17 47.5	-0.1
KRLC	Kraliky	89.67	329	eP	P	03 17 47.4	-0.2
KRLC	Kraliky	89.67	329	eP	P	03 17 47.4	-0.2
DPC	Dobruska-Polom	89.69	329	eP	P	03 17 47.2	-0.5
DPC	Dobruska-Polom	89.69	329	eP	P	03 17 47.2	-0.5
DPC	Dobruska-Polom	89.69	329	eP	P	03 17 47.2	-0.5
O28A	Krutsinger Ran	89.69	44	P	P	03 17 47.4	-0.6
G33A	Ortonville	89.69	38	P	P	03 17 47.7	-0.1
D35A	Remer	89.73	35	P	P	03 17 47.2	-0.7
T25A	Trinidad	89.73	48	P	P	03 17 47.7	-0.6
VYHS	Vyhne	89.79	327	eP	P	03 17 48.1	0.0
VYHS	Vyhne	89.79	327	eP	P	03 17 48.1	0.0
SIRR	Siria	89.84	324	flP	P	03 17 47.8	-0.6
L30A	Spencer Herefo	89.85	42	P	P	03 17 47.8	-0.8
H33A	Prehn Over Nor	89.85	38	P	P	03 17 48.4	-0.1
C36A	Pine Crest Far	89.89	34	P	P	03 17 48.1	-0.6
E35A	Pequot Lakes	89.89	36	P	P	03 17 48.1	-0.6
121A	Cookes Peak, D	89.95	53	P	P	03 17 49.6	+0.1
K31A	O'Neill	90.00	41	P	P	03 17 48.8	-0.5
M30A	Dale-Ortello V	90.01	42	P	P	03 17 48.8	-0.6
P28A	Saint Francis	90.03	45	P	P	03 17 49.6	0.0
G34A	Benson	90.09	37	P	P	03 17 49.3	-0.3
D36A	Goodland	90.12	35	P	P	03 17 49.4	-0.3
L31A	Butterfield Fa	90.23	41	P	P	03 17 50.1	-0.3
F35A	Swanville	90.26	36	P	P	03 17 50.0	-0.4
Q28A	Sharon Springs	90.28	45	P	P	03 17 50.4	-0.4
BZS	Buzias	90.29	323	flP	P	03 17 49.6	-0.9
BZS	Buzias	90.29	323	flP	P	03 17 49.6	-0.9
VRAC	Vranov	90.29	328	flP	P	03 17 48.6	-1.9
VRAC	Vranov	90.29	328	flP	P	03 17 50.8	+0.3
VRAC	Vranov	90.29	328	flP	P	03 17 50.8	+0.3
O29A	4D Ranch, Culb	90.29	44	P	P	03 17 50.8	+0.1
H34A	Spellman Lake,	90.39	38	P	P	03 17 50.9	-0.1
EYMM	Ely	90.43	33	P	P	03 17 51.1	-0.1
K32A	Verdige	90.43	40	P	P	03 17 50.3	-1.0
SMOL	Smolence	90.45	327	eP	P	03 17 51.7	+0.5
SMOL	Smolence	90.45	327	eP	P	03 17 51.7	+0.5
CLL	Collim	90.46	331	eP	P	03 17 50.0	-1.2
CLL	Collim	90.46	331	eP	P	03 17 50.0	-1.2
D37A	Cotton	90.50	34	P	P	03 17 50.4	-1.1
E36A	McGregor	90.51	35	P	P	03 17 51.3	-0.2
ECSO	EROS Data Cent	90.53	39	P	P	03 17 51.6	-0.1
ECSO	EROS Data Cent	90.53	39	eP	P	03 17 51.8	+0.1
J33A	Davis	90.59	39	P	P	03 17 51.8	-0.2
M31A	Lambrecht Ranc	90.66	42	P	P	03 17 52.0	-0.4
C38A	Sawbill Land,	90.69	33	P	P	03 17 52.4	0.0
O30A	MW Ranch, Wils	90.72	43	P	P	03 17 52.4	-0.3
R28A	Tribune	90.72	46	P	P	03 17 52.4	-0.4
G35A	Watkins	90.73	37	P	P	03 17 52.9	+0.3

PRU	Pruhonice	90.75	330	eP	P	03 17 52.2	-0.4
PRU	Pruhonice	90.75	330	eP	P	03 17 52.2	-0.4
MDVR	Milodova	90.78	323	flP	P	03 17 52.1	-0.8
F36A	Milaca	90.81	36	P	P	03 17 52.4	-0.6
TREC	Trest	90.81	329	eP	P	03 17 52.5	-0.4
TREC	Trest	90.81	329	eP	P	03 17 52.5	-0.4
H35A	Sunnyside Ranc	90.88	37	P	P	03 17 53.1	-0.2
K33A	Hardington	91.02	40	P	P	03 17 54.0	0.0
S28A	Manter	91.10	46	P	P	03 17 54.3	-0.3
G36A	St Michael	91.11	36	P	P	03 17 54.4	0.0
PKSM	Moragy	91.44	325	flP	P	03 17 55.5	-0.3
PKSM	Moragy	91.44	325	flP	P	03 17 55.5	-0.3
H36A	Jessenland, He	91.45	37	P	P	03 17 56.0	0.0
K34A	Le Mars	91.49	39	P	P	03 17 55.9	-0.3
P31A	Stockton	91.53	43	P	P	03 17 56.2	-0.3
CONA	Conrad Observa	91.61	328	flP	P	03 17 56.9	+0.2
SPMM	Marine on St.	91.61	36	P	P	03 17 56.7	0.0
R30A	Dighton	91.72	45	P	P	03 17 57.3	-0.1
L34A	Svensden Farm,	91.79	40	P	P	03 17 57.4	-0.1
KHC	Kasperske Hory	91.80	330	eP	P	03 17 57.0	-0.5
KHC	Kasperske Hory	91.80	330	eP	P	03 17 57.0	-0.5
KHC	Kasperske Hory	91.80	330	eP	P	03 17 57.2	-0.3
KHC	Kasperske Hory	91.80	330	eP	P	03 17 57.2	-0.3
Q31A	Ellis	91.83	44	P	P	03 17 57.6	-0.3
K35A	Storm Lake	91.95	39	P	P	03 17 57.7	-0.6
GERES	GERES Array B	91.95	329	P	P	03 17 57.6	-0.8
H37A	Diez Farm, C	91.98	37	P	P	03 17 58.3	-0.1
S30A	Montezuma	91.99	45	P	P	03 17 58.2	-0.5
J36A	Seneca I, Swea	92.05	38	P	P	03 17 58.6	-0.1
I37A	Lemond, Waseca	92.11	37	P	P	03 17 59.2	+0.2
MNTX	Cornudas Mount	92.11	53	P	P	03 17 59.6	+0.3
MNTX	Cornudas Mount	92.11	53	eP	P	03 17 59.6	+0.3
L35A	Bielow Farm, R	92.17	40	P	P	03 17 59.2	-0.1
U29A	Dasis Ranch, S	92.18	47	P	P	03 17 59.3	-0.3
R31A	Burdett	92.19	45	P	P	03 17 58.8	-0.7
O33A	Hebron	92.27	42	P	P	03 17 58.7	-1.2
Q32A	Meitler Ranch,	92.36	44	P	P	03 17 59.6	-0.7
N34A	Lincoln	92.43	41	P	P	03 17 59.8	-0.8
J37A	Redenius Farm,	92.49	38	P	P	03 18 00.4	-0.4
M35A	Neola	92.50	40	P	P	03 18 00.6	-0.3
U30A	WK&E Inc. Balk	92.53	46	P	P	03 18 01.1	-0.1
R32A	Long Quarter,	92.61	44	P	P	03 18 01.3	-0.2
MSTX	Muleshoe	92.63	50	P	P	03 18 01.5	-0.3
I38A	Scanlan Farm,	92.66	37	P	P	03 18 01.4	-0.1
L36A	Hart Buss Farm	92.67	39	P	P	03 18 01.5	-0.2
Q33A	Connelly Farm,	92.80	43	P	P	03 18 02.1	-0.2
K37A	Belmond	92.81	38	P	P	03 18 01.8	-0.4
T31A	Randall Ranch,	92.82	46	P	P	03 18 02.6	+0.2
AMTX	Amarillo	92.83	48	P	P	03 18 02.9	+0.2
AMTX	Amarillo	92.83	48	eP	P	03 18 02.7	0.0
P34A	Walnut Farm, R	93.06	42	P	P	03 18 02.9	-0.6
J38A	Wedel Dairy, R	93.07	37	P	P	03 18 03.9	+0.5
R33A	Olander Ranch,	93.13	44	P	P	03 18 03.3	-0.6
U31A	Nine Bar Ranch	93.14	46	P	P	03 18 04.3	+0.2
L37A	Phoenix Point,	93.17	39	P	P	03 18 03.5	-0.4
T32A	Huddler Ranch,	93.24	45	P	P	03 18 04.1	-0.4
N36A	Muff Farm, Cla	93.24	40	P	P	03 18 04.0	-0.8
K38A	Parkersburg	93.36	38	P	P	03 18 04.3	-0.5
Q34A	Chapman	93.39	43	P	P	03 18 04.3	-0.7
KSUI	Kansas State U	93.47	42	P	P	03 18 05.1	-0.3
KSUI	Kansas State U	93.47	42	eP	P	03 18 05.0	-0.4
M37A	Trindle Farm,	93.47	39	P	P	03 18 05.2	-0.2
V31A	Spirit Creek L	93.51	47	P	P	03 18 06.4	+0.7
P35A	Duane Minner,	93.55	42	P	P	03 18 05.3	-0.5
R34A	Isabella, Hill	93.59	43	P	P	03 18 05.6	-0.3
L38A	Oak Wood Farm,	93.60	38	P	P	03 18 05.1	-0.8
O36A	Bolkow	93.78	41	P	P	03 18 06.2	-0.6
W31A	Holland Ranch,	93.80	47	P	P	03 18 07.0	0.0
N37A	Lee Faris, Mou	93.81	40	P	P	03 18 06.7	-0.2
M38A	Pleasantville	93.95	39	P	P	03 18 07.3	-0.2
Y30A	Stoffart Cattl	93.95	49	P	P	03 18 07.5	-0.3
Q35A	Mex Eighty,	93.97	42	P	P	03 18 07.2	-0.5
P36A	Good Intent, A	93.97	41	P	P	03 18 07.0	-0.7
S34A	Willow Spring	94.05	44	P	P	03 18 08.1	0.0
V32A	Arapaho	94.06	46	P	P	03 18 08.3	+0.1
X31A	McDonald Ranch	94.11	48	P	P	03 18 08.3	-0.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JFK Otama, JMM Marumori, JFY Yanaizu, etc.

NEIC 10 03:16:35.5, 43:60S:172:40E, h10km, ML4.0(WEL), After WEL.

NEIC Felt in Canterbury. WEL 10 03:16:35.4-0.1, 43:60S:172:41E, h11km, ML4.0/21, Mw3.6, SC-2D, Error ellipse: s-maj=0.8km s-min=0.7km az=90.0, South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CRLZ Canterbury Las, CRLZ Canterbury, CRLZ OXF, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like EAZ Earnsclough, QUARTZ Quartz Range, SOUTH KARORI, etc.

IDC 10 03:24:46.6:8.0, 30:396S:178:38W, h82km, 64km, mb3.9/3, mb1.4, 0/4, mb1mx3.7/27, mbtmp.4/14, ML3.6/1, Error ellipse: s-maj=54.2km s-min=34.9km az=40.0

ISC 10 03:24:47.2:1.9, 31:010S:178:40W, h87km, n14, s233/14, mb4.0/3, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WMGZ Waioamatini S, HAZ Te Kaha, MWZ Matawai, etc.

SOME 10 03:29:16.5, 43:93N:81:00E, h10km NNC 10 03:29:17.4:1.3, 44:18N:80:75E, h0km, mb3.4, mpv3.2, Error ellipse: s-maj=20.5km s-min=4.5km az=120.0

ISC 10 03:29:16.4:1.3, 44:03N:80:96E, h0km, h3km, n11km, n30, s1940/53, 9C-17D, Kazakhstan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KTMS Ketmen, DJR Jarkent, SHLS Shalkod, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TKMK Tokmak 2, ZSN Zaisan, AAK Ala-Archa, etc.

FUNV 10 03:37:27.1, 10:33N:61:85W, h21km, MW2.9, ISCJB 10 03:37:28.3:0.6, 10:59N:0:04-62:00W:0:03, h55km, 9km, Error ellipse: s-maj=6.5km s-min=4.3km az=147.7

TRN 10 03:37:29.9, 10:58N:61:92W, h45km, MD3.5, ISC 10 03:37:28.7:1.3, 10:56N:0:04-62:00W:0:03, h51km, 9km, n22, s131/36, 1D, Trinidad

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUIV Guiria, TCE Chacachaca, BUAY Buenos Aires, etc.

IDC 10 03:46:51.0:1.9, 31:135S:177:54W, h0km, mb3.9/2, mb1.4/1.3, mb1mx3.9/31, mbtmp.5/13, ML3.2/1, Error ellipse: s-maj=44.8km s-min=42.7km az=43.0, Kermadec Islands region

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

IDC 10 03:51:38.0:0.8, 27:22N:88:19E, h0km, mb3.9/20, mb1.4, 1/22, mb1mx4.0/51, mbtmp.3/9/22, ML3.5/2, MS3.7/3, Ms1.3, 6/3, mb1mx3.9/31, mbtmp.5/12, Error ellipse: s-maj=22.7km s-min=14.8km az=38.0

DMN 10 03:51:40.8:0.4, 26:95N:88:37E, h2km, MA.7/7, Error ellipse: s-maj=12.4km s-min=6.7km az=171.0, BUJ 10 03:51:42.4, 27:04N:88:47E, h65km, mb.4, 1/14, mb4.3/3, ML3.9/2, Ms4.1/5, Ms7.3/8/5

ISCJB 10 03:51:43.0:0.5, 27:16N:0:05-88:29E:0:03, h58km, 5km, m6.5, s15/25, MS4.0/3, Error ellipse: s-maj=7.6km s-min=4.2km az=1.8

NEIC 10 03:51:44.2:1.1, 27:22N:88:21E, h46km, 10km, mb4.0/7, Error ellipse: s-maj=10.0km s-min=6.7km az=213.0

ISC 10 03:51:43.5:0.8, 27:14N:0:06-88:29E:0:03, h44km, 9km, m6.5, s15/25, mb4.1/25, MS3.8/3, SC-2D, Sikidiki

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TAPN Tapejlung, ODAN Odare, RAMN Ramite, etc.

Table with columns for station code, frequency, polarization, and other parameters. Includes stations like DZBM, PDGK, CHKZ, BVAO, etc.

Table with columns for station code, frequency, polarization, and other parameters. Includes stations like HHC, HIA, LHZ, SVE, etc.

Table with columns for station code, frequency, polarization, and other parameters. Includes stations like YAK, SMLA, SNY, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like STEI, MAZI, PEAO, PETK, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like VOIR, STHS, STHS, KONIT, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like PVCC, BRG, TREC, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like IGT, ABTA, WATA, SIVA, PSI, MOTA, RETA, STU, FETA, KKM, KKM, HGN, HGN, DAV, MEM, MEM, LANF, BFO, BFO, SUMG, SUMG, SUMG, BCLA, BCLA, WLF, WLF, WLF, AMKA, GSI, GSI, WKS, WKS, UCC, TUE, TUE, MYKOM, ECH, SNF, DOU, MIF, TIP, TIP, TIP, CUC, CUC, MYLDM, THEF, ESK, ESK, ESK, ESK, LOMF, VLC, COLD, SENIN, MENF, SIBU, CABF, DAV, DAV, KSM, KSM, RSL, LPL, LPL, LPG, LPG, RES, RES, RES, BNI, BNI, BNI, BNI, BNI, OG22, TTA, TTA, MLY, GDM, GRN, LUCF, FYU, REV, MVF, BPWF, CALN, OG25, MDM, CAST, FRF, FRF.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like SSB, SSB, SSB, COLA, COLA, COLA, PLDF, BGF, BGF, DSB, KTH, VIVF, VIVF, CCB, AGO, CLTB, CLTB, PPLA, WRH, FLN, FLN, ILI, ILAR, ILAR, ILB, TRF, TRF, SVW2, PYM, LEFP, MCK, MCK, MCK, WDK, WDK, INK, INK, LBL, GRR, GRR, RND, RND, RND, DYA, VSL, VSL, SPU, RSO, EGAK, EGAK, DOT, PMR, PMR, PMR, PAX, PAX, PAX, SML, SML, SML, RCO1, RCO1, SCM, SCM, SCM, GUMO, GUMO, LRDF, SJAF, SJAF, DAWY, BRLL, CARF, CARF, SFJD, SFJD, SFJD, KLU, SEW, SEW, EPF, EPF, EPF, KEST, KEST, KEST, KDAK, KDAK, KDAK, KDAK, BMRM, OHAK, OHAK, SET, PCA, PCA, EMHD, NGJI, KAPI, KAPI, KAPI, KAPI, KAPI, NRS, NRS, NRS, NRS.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like BKSI, SKAG, EBNR, SWI, ECHA, PBGR, EANR, ES19, ESDC, ESDC, ESLS, ETRT, PAB, PAB, PAB, MVO, PGAV, PCAB, PVRL, YKA, YKA, YKBS, MTE, MTE, DLBC, DLBC, PCBR, FAKI, FAKI, PMRV, PCAS, PMTG, PBAR, EVO, PBEJ, PCVE, PFVI, SOEI, RTC, RTC, KMBO, KMBO, KMBO, TAM, TAM, TAM, MANU, MANU, SCHO, SCHO, SCHO, EDM, EDM, EDM, MBAR, MBAR, MBAR, MBAR, MTN, PGC, A0AD, B05A, FITZ, NLWA, NLWA, B08A, C06D, WALA, D05A, NEW, NEW, NEW, NEW, E03A, LTY, C09A, LON, LON, PMG, PMG, F04D, F03A, D08A, ULM, ULM, ULM.

Table with columns: ULM, comp, Z, 19nm, 0.8s, 77.79, 18, eP, P, 05 47 14.1 +0.5, BSMT Bassoo Peak, YBMT Yellow Bay, F04A Amboy, E07A Sunnyside, JTMT Jette, HAWA Hanford, HAWA Hanford, SW3D Swartz Lake, G03D McIlminville, A25A Svangstu Ranch, EGMT Eagleton, EGMT Eagleton, EGMT Wade Farm, SLMT Seeley Lake, A28A Rude Farm, DGMT Dagmar, DGMT Dagmar, DGMT Manning Farm, G05D Wamic, A30A Hoffart Farm, MSO Missoula, MSO Missoula, CHMT Chamblin Lake, COR Corvallis, COR Corvallis, YMR Rocking H Ranch, G06A Carlson Farm, A33A Warwood, B26A Jensen Ranch, F10A Beach Ranch, B25A Knox Farm, H04A Detroit Lake, B28A Dugan Ranch, B29A Wageman Farm, B30A Myrvik Farm, B31A Greenbush Farm, COEN Coen, B32A Ashes, Strandq, B34A Aery, Baudette, VLDO Val d'Or, C25A Freed Ranch, C26A Wahner Farm, AGMN Agassiz Nation, AGMN Agassiz Nation, B35A Bob, Littlefor, I05D Terrebonne, TOAD Torodi Ar. Sit, TORO Torodi Ar. Bea, TORO Torodi Ar. Bea, I03D Drain, C27A Saylor Ranch, I04A Tendick Farm, C31A Landman Farms, C30A Mose, Pekin, BMO Blue Mountains, LRM Limestone Ridge, EYMN Ely, EYMN Ely, D25A Fairfield, C36A Pine Crest Farm, C34A RKU Ranch, C37A Embarrass, D26A Manning, C38A Sawbill Land, D28A Regan, BOZ Bozeman, BOZ Bozeman, BOZ Bozeman, BOZ Bozeman, J04D Umpqua Nation, DLMT Dillon, D29A Pettibone, D30A Buchanan, J05D Fort Rock, ABPO Ambohianpan, ABPO Ambohianpan, ABPO Ambohianpan, ABPO AnnSam, E25A Miller Ranch, WRAB Tennant Creek

Table with columns: WRAB Tennant Creek, WRAB Tennant Creek, WRAB Tennant Creek, WRAB Tennant Creek, WRA Warrungna Arr, W2B Warrungna Arr, D36A Godard, D34A Park Rapids, HUMO Hull Mountain, D37A Cotton, E26A Carlson Angus, D35A Remer, E28A Huff, MCMT McKenzie Canyo, E27A Carson, E29A Napoleon, K04D Chiloquin, E30A Jud, QLMT Cortuquake Lak, K05A Summer Lake, F25A Bowman, RLMT Red Lodge, RLMT Red Lodge, E33A Westley DABS, E35A Pequot Lakes, F26A Lodgepole, YMR Madison River, YNR Norris Junctio, E36A McGregor, F27A Lemmon, F28A McLaughlin, LKWY Lake, LKWY Lake, LKWY Lake, YFT Old Faithful, YBH Yreka Blue Hor, YBH Yreka Blue Hor, MFID Caras Ranch, F29A Eureka, H17A Grant Village, H17A Grant Village, F31A Hecla, MCID Moose Creek, HLID Hailey, HLID Hailey, M04C Macdoel, COWI Conover, M02C Callahan, G27A Dupree, G25A Maurice, G26A Newell, WVOR Wild Horse Val, WVOR Wild Horse Val, FLWY Flagg Ranch, F35A Swanville, F34A Alexandria, F36A Modoc Plateau, KHMM Horse Mountain, MOOV Moose Ponds, G28A Parade, N02D Trinity Center, G32A Webster, LOHW Long Hollow, PLVO Plevna, H25A Fruiteale, G33A Ortonville, H26A Fairpoint, SNOW Snow King Moun, H27A Hoves, REDW Red Top Meadow, SPMM Marine on St, SPMM Marine on St, H28A Mission Ridge, WDC Whiskeytown Da, WDC Whiskeytown Da, H29A Onida, RSSD Black Hills, RSSD Black Hills, RSSD Black Hills, RSSD Black Hills

Table with columns: H33A Prehn Over Nor, MDV Middlebury, GLMI Grayling, H35A Sunnyside Ranc, I26A New Underwood, H32A Carlson Farm, AHID Auburn Hatcher, AHID Auburn Hatcher, I27A Quinn, O03D Paynes Creek, KIPM Iron Peak, H36A Jessenland, I28A Midland, I29A Vivian Onida, BW06 Boulder Array, BW06 Boulder Array, PD31 Pinedale Array, PDAR Pinedale Array, I30A Oacoma, J25A Sunshine Ranch, J26A Sid Ranch, HVU Hansel Valley, HVU Hansel Valley, I36A Fitzsimmons Fa, I38A Scanlon Farm, AS31 Alice Springs, ASAR Alice Springs, AS01 Alice Springs, J28A Allard Ranch, ORV Oroville, ORV Oroville, ECSD EROS Data Cent, ECSD EROS Data Cent, ECSD EROS Data Cent, J29A Okreek, K22A Casper, K22A Casper, HOPS Hopland Field, J30A Dallas, OHCM Honcut, BMN Battle Mountai, BMN Battle Mountai, HNR Honiar, ELK Elko, ELK Elko, J36A Seneca, J37A Redentus Farm, BGU Big Grassy Mou, AFDM Forest Hills, K30A Basset, K32A Verdigre, JFWS Jewell Farm, JFWS Jewell Farm, JFWS Jewell Farm, K34A Le Mars, K33A Hardington, K37A Belmont, BINY Binghamton, DUG Dugway, DUG Dugway, DUG Dugway, DUG Dugway, WAKR Walker, PHWY Pilot Hill, AAM Ann Arbor, AAM Ann Arbor, CMB Columbia Cole, CMB Columbia Cole, NLU North Lily Min, L37A Phoenix Point, MPU Maple Canyon, L38A Oak Wood Farm, L34A Svendsen Farm, N23A Red Feather La, N23A Red Feather La, NV01 Mina Array Sit, NVAR Mina Array Bea, NVAR Mina Array Bea, NV11 Mina Array Sit

10d 6h

Table with columns: MIAR, X39A, TUC, Y32A, Y34A, Y35A, 121A, Y37A, Y36A, Y40A, Z32A, Z33A, STKA, Z36A, GOGA, NHSC, 133A, MNTX, FUNA, 134A, 138A, 136A, 233A, 232A, 333A, 334A, JCT, TXAR, BOS, KVTX, CAN, SUR, ASCN, GTBY, MTDJ, JTS, BCIP, CASY, PPT2, MAW, TBI, OTAV, SPBL, NNA, LPAZ, CPUP, PB01, TRQA, PLCA. Each row contains station name, time, and various codes.

2011 FEB

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes sub-headers for MLI.9, GRAL, and JMA. Lists stations like HWQ, BHL, DORL, FKX, FKH, MARH, BRBR, TOTH, ROOS, TCHB, SLNF, SALA, ARNB, ZALF, AVFE, ACH, APPL, SJA, RTCV, ASAL, AUSP, ARCO, VCA, AAGR, CPUP, PLCA, LPAZ, TOR, TORD, ZALV, MKAR, JZK, JJK, JAM, JAMN.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes sub-headers for CASO, IDC, WRA, ASAR, NVAR, PDAR, ILAR, CMAR, BRTR, GERS, BTLC, BARC, GIRC, GRMC, RUSC, CAPV, OCAC, YOPC, NORC, CHIC, HELL, VIGV, VILC, GUYC, DBBC, TOLC, SDV, ELOV, VIRV, QARV, SANV, CURV, DABV, SIQV, SIOV, BAUV, MARV, MONV, CUPV. Lists stations like Cotoan, Volcan, Buena Vista, Cerro Gallo, JuntasAbangare, Warramunga Arr, Alina Springs, Mince Array, Pinedale Array, Keskin Array, Gires Array, Betulia, Barichara, Giron, Gramalote, La Rusia, Capacho, Ocaña, Yopal, Norcasia, Chingaza, El Rosal, Santa Helena, El Vigia, Villavicencio, Guayana, Dabela, Tolima, Santo Domingo, Elorza, Villa del Rosa, Quebrada Arrib, Sanarito, Curarigua, Dabajuro, Terepaima, Siquisique, El Baul, Macapao, Montecano, Caspira.

ISCJB 10 06:02:22.8:0.6,34:15N:0:03:35:72E:0.05,h28km,4km, Error ellipse: s-maj=7.6km s-min=4.2km az=6.3

JMA 10 06:05:46.4:0.1,28:12N:131:06E,h88km,3km,M3.5, Southeast of Ryukyu Islands

CSEM 10 06:49:00.9:39:88N:16:00E,h7km,MD2.9 ROM 10 06:49:00.9:0.2,39:88N:16:00E,h7km,MD2.9, M11.8, Error ellipse: s-maj=2.7km s-min=1.5km az=19.0, Southern Italy

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CUC, SALB, SIRI, SCHR, ORI, MTSN, MCEL, BULG.

CSEM 10 06:49:49.8, 38.20N, 15.18E, h9km, MD2.5/12 ROM 10 06:49:49.8, 0.1, 38.20N, 15.18E, h9km, 1km, Md5.5/12, M12.6/8, Error ellipse: s-maj=1.2km s-min=1.1km az=20.0, Sicily

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MILZ, MPNC, NOV, MMME, MSRU, MTTC, MSCJ, MPFZ, SOI, PLLN, GIB.

IDC 10 07:09:52.3, 2.0, 1.08N, 126.28E, h0km, mb3.5/3, mb1 3.7/3, mb1mx3.4/37, mbtmp3.5/3, Error ellipse: s-maj=183.9km s-min=25.2km az=65.0, Northern Molucca Sea

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

MAN 10 07:36:09, 13.41N, 120.12E, h23km, mb3.7, ML2.4, MS1.9, Mindoro

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SJMP, ENPP, CUYO.

IDC 10 07:47:44.9, 2.0, 0.63N, 125.65E, h0km, mb3.4/3, mb1 3.6/3, mb1mx3.3/33, mbtmp3.4/3, Error ellipse: s-maj=177.7km s-min=27.0km az=64.0, Northern Molucca Sea

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

MEX 10 07:47:59.0, 0.4, 15.20N, 93.24W, h5km, MD3.6, Near coast of Chiapas

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

IDC 10 08:06:26.3, 6.0, 20.27S, 178.47W, h563km, 64km, mb3.7/7, mb1 3.6/7, mb1mx3.2/36, mbtmp4.2/7, Error ellipse: s-maj=78.9km s-min=23.5km az=150.0, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASAR, WITZ, NVAR, SEY, ILAR, PDAR, BVAR, AKASO, BRTR, GERES.

JMA 10 08:10:34.8, 0.3, 43.87N, 147.86E, h0km, M3.8 SKHL 10 08:10:34.8, 0.2, 44.04N, 148.24E, h45km, 5km, mb4.4/3, Error ellipse: s-maj=148.2E, 0.1, h15km, 12km, n14, c134/22, 1C-1D, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SHO, KUR, YUK, NEM, JRA, JNK, JAK, JTK, JAR, JOB, JCH, JNK, YSS.

IDC 10 08:26:59.2, 2.3, 36.08N, 73.20E, h0km, mb3.6/4, mb1 3.8/9, mb1mx3.5/55, mbtmp3.6/9, ML3.4/5, MS2.9/1, Ms1 2.9/1, ms1mx2.4/57, Error ellipse: s-maj=39.0km s-min=38.1km az=31.0

ISCJB 10 08:27:02.1, 0.6, 35.93N, 0.06, 73.31E, 0.09, h48km, mb3.4/4, Error ellipse: s-maj=12.5km s-min=4.7km az=144.1

ISC 10 08:27:05.4, 0.8, 36.04N, 0.07, 73.31E, 0.09, h48km, n24, c1969/23, mb3.3/4, 2C-2D, Northwestern Kashmir

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DZET, SMLA, GULE, AAK, KK31, PYUN, DANN, KOLN, GKN, MKAR, DMN, PUN, KIN, JIRN, RAMN, KURBB, ODAN, BVAR, WSR, AKTO, ZALV, SONM, ARCES, ILAR, YKA.

IDC 10 08:33:05.6, 0.9, 34.33N, 0.04, 36.51E, 0.08, h70km, 9km, Error ellipse: s-maj=11.8km s-min=6.5km az=171.2, CSEM 10 08:33:06.0, 0.7, 34.33N, 0.36, 37E, h70km, 9km, ML2.2, Error ellipse: s-maj=17.4km s-min=9.9km az=78.0

ISC 10 08:33:06.3, 3.2, 34.30N, 36.50E, h69km, 19km, ML2.2 GRAL 10 08:33:09.4, 0.5, 34.43N, 36.78E, h0km, 9km, MD3.0 Error ellipse: s-maj=11.8km s-min=6.5km az=171.2, CSEM 10 08:33:06.0, 0.7, 34.33N, 0.36, 37E, h70km, 9km, ML2.2, Error ellipse: s-maj=17.4km s-min=9.9km az=78.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DED, KIZK, GULE, KARATAS, KRTS, KARATAS, KARAI, KERG, CEY, AKO, DZET, SMLA, GULE, AAK, KK31, PYUN, DANN, KOLN, GKN, MKAR, DMN, PUN, KIN, JIRN, RAMN, KURBB, ODAN, BVAR, WSR, AKTO, ZALV, SONM, ARCES, ILAR, YKA.

ISCJB 10 08:33:05.6, 0.9, 34.33N, 0.04, 36.51E, 0.08, h70km, 9km, Error ellipse: s-maj=11.8km s-min=6.5km az=171.2, CSEM 10 08:33:06.0, 0.7, 34.33N, 0.36, 37E, h70km, 9km, ML2.2, Error ellipse: s-maj=17.4km s-min=9.9km az=78.0

ISC 10 08:33:06.3, 3.2, 34.30N, 36.50E, h69km, 19km, ML2.2 GRAL 10 08:33:09.4, 0.5, 34.43N, 36.78E, h0km, 9km, MD3.0 Error ellipse: s-maj=11.8km s-min=6.5km az=171.2, CSEM 10 08:33:06.0, 0.7, 34.33N, 0.36, 37E, h70km, 9km, ML2.2, Error ellipse: s-maj=17.4km s-min=9.9km az=78.0

n20, c155/32, Jordan-Syria region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FKH, MARH, HWQ, ROOS, PDAR, BVAR, AKASO, BRTR, GERES.

ISCJB 10 08:37:50.7, 36.65N, 34.66E, h7km, Md2.8 ISCJB 10 08:37:51.5, 0.7, 36.69N, 0.04, 34.63E, 0.04, h4km, 8km, Error ellipse: s-maj=7.4km s-min=5.4km az=151.8, CSEM 10 08:37:51.5, 0.3, 36.68N, 34.64E, h10km, MD2.8, Error ellipse: s-maj=6.5km s-min=5.2km az=157.0

ISC 10 08:37:51.8, 1.1, 36.71N, 0.04, 34.62E, 0.03, h10km, 13km, n14, c061/23, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DED, KIZK, GULE, KARATAS, KRTS, KARATAS, KARAI, KERG, CEY, AKO, DZET, SMLA, GULE, AAK, KK31, PYUN, DANN, KOLN, GKN, MKAR, DMN, PUN, KIN, JIRN, RAMN, KURBB, ODAN, BVAR, WSR, AKTO, ZALV, SONM, ARCES, ILAR, YKA.

IDC 10 08:43:13.0, 3.6, 30.08S, 177.39W, h0km, mb3.5/2, mb1 3.8/2, mb1mx3.6/31, mbtmp3.5/2, Error ellipse: s-maj=72.2km s-min=38.9km az=96.0, Kermedec Islands

RAO Raoul Island, 0.95 331 Pn, 08 43 33.6 0.0

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

CSEM 10 08:53:48.0, 38.40N, 21.87E, h10km, ML2.0/4, Error ellipse: s-maj=1.8km s-min=0.8km az=83.0, Analyst: Agalos ML Amplitudes are expressed in micrometres All distances are expressed in km, Greece

ATH 10 08:53:48.0, 38.40N, 21.87E, h10km, 1km, ML2.0/4, Error ellipse: s-maj=1.8km s-min=0.8km az=83.0, Analyst: Agalos ML Amplitudes are expressed in micrometres All distances are expressed in km, Greece

ISCJB 10 08:53:48.0, 38.40N, 21.87E, h10km, 1km, ML2.0/4, Error ellipse: s-maj=1.8km s-min=0.8km az=83.0, Analyst: Agalos ML Amplitudes are expressed in micrometres All distances are expressed in km, Greece

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EFP, I43RU, I31KZ, I46RU, CSEM, ATH, ISCJB.

I30A	Oacoma	68.86	48	P	P	09 24 59.2 +0.3
H31A	Wolsey	68.93	47	P	P	09 24 59.7 +0.4
F33A	5 Mile Ranch,	69.01	45	P	P	09 24 59.9 +0.2
E34A	Wadena	69.05	43	P	P	09 25 00.4 +0.4
WRA	Warramunga Arr	69.08	199	P	P	09 25 00.0 -0.3
D35A	Remer	69.15	42	P	P	09 25 00.5 -0.1
C36A	Pine Crest Far	69.19	41	P	P	09 25 01.0 +0.1
K29A	Lazy Trails An	69.24	49	P	P	09 25 01.9 +0.7
S22A	4UR Ranch, Cre	69.24	57	P	P	09 25 03.0 +1.4
J30A	Dallas	69.25	48	P	P	09 25 01.9 +0.5
E35A	Pequot Lakes	69.37	43	P	P	09 25 02.3 +0.3
G33A	Ortonville	69.41	45	P	P	09 25 02.2 0.0
H32A	Carlson Farm,	69.43	46	P	P	09 25 02.4 0.0
OGNE	Ogallala	69.63	51	P	P	09 25 04.7 +0.9
OGNE	Ogallala	69.63	51	eP	P	09 25 04.6 +0.8
H33A	Frehn Over Nor	69.64	46	P	P	09 25 03.8 +0.1
EYMN	Ely	69.65	40	P	P	09 25 03.8 +0.1
J31A	Geddes	69.66	48	P	P	09 25 04.2 +0.4
K30A	Basset	69.66	49	P	P	09 25 04.1 +0.3
M28A	Bar X Bar Ranc	69.66	51	P	P	09 25 04.5 +0.5
FITZ	Fitzroy Crossi	69.70	208	eP	P	09 25 05.1 +0.9
I32A	Karley and Nic	69.76	47	P	P	09 25 04.8 +0.4
F35A	Swanville	69.81	44	P	P	09 25 04.7 +0.1
E36A	McGregor	69.93	42	P	P	09 25 05.9 +0.5
SDCO	Great Sand Dun	69.99	56	eP	P	09 25 07.6 +1.3
N28A	Pribbeno Ranch	70.08	51	P	P	09 25 07.1 +0.6
H34A	Spellman Lake,	70.12	45	P	P	09 25 07.1 +0.5
L30A	Spencer Herefo	70.13	49	P	P	09 25 06.8 +0.1
K31A	O'Neill	70.14	48	P	P	09 25 07.2 +0.4
F36A	Milaca	70.30	43	P	P	09 25 07.3 -0.3
G35A	Watkins	70.33	44	P	P	09 25 08.3 +0.5
ECSD	EROS Data Cent	70.40	46	P	P	09 25 08.7 +0.4
ECSD	EROS Data Cent	70.40	46	eP	P	09 25 08.6 +0.3
L31A	Butterfield Fa	70.42	49	P	P	09 25 08.8 +0.3
K32A	Verdigre	70.50	48	P	P	09 25 09.3 +0.3
J33A	Davis	70.53	47	P	P	09 25 09.4 +0.3
H35A	Sunnyside Ranc	70.55	45	P	P	09 25 09.8 +0.6
KBZ	Khabaz	70.59	314	P	P	09 25 08.8 -0.5
KSCO	Kaye Shedlock	70.69	53	P	P	09 25 11.0 +0.7
TUC	Tucson	70.69	63	P	P	09 25 11.7 +1.4
O29A	4D Ranch, Culb	70.88	51	P	P	09 25 11.7 +0.4
L32A	Elgin	70.97	48	P	P	09 25 11.9 +0.1
K33A	Hardington	71.03	47	P	P	09 25 12.7 +0.5
H36A	Jessenland, He	71.07	44	P	P	09 25 12.9 +0.6
Q28A	Sharon Springs	71.09	53	P	P	09 25 13.7 +1.0
I35A	Creekview Farm	71.10	45	P	P	09 25 13.1 +0.5
SPMN	Marine on St.	71.11	43	P	P	09 25 13.2 +0.6
AKASG	Malin Array Be	71.17	326	P	P	09 25 11.1 -1.7
P29A	Atwood	71.18	52	P	P	09 25 14.2 +1.0
O30A	NW Ranch, Wils	71.23	51	P	P	09 25 14.0 +0.5
ANMO	Albuquerque	71.42	59	eP	P	09 25 15.0 +0.1
ANMO	Albuquerque	71.42	59	eP	P	09 25 15.0 +0.1
K34A	Le Mars	71.42	47	P	P	09 25 14.8 +0.3
I36A	Fitzsimmons Fa	71.44	45	P	P	09 25 15.2 +0.6
H37A	Dierke Farm, C	71.54	44	P	P	09 25 15.8 +0.6
P30A	Selden	71.59	51	P	P	09 25 16.0 +0.4
O31A	Woolen Ranch,	71.64	50	P	P	09 25 16.0 +0.1
Q29A	Oakley	71.67	52	P	P	09 25 16.8 +0.6
M33A	Taylor Creek F	71.69	48	P	P	09 25 16.0 -0.2
I37A	Lemond, Waseca	71.74	44	P	P	09 25 17.0 +0.6
L34A	Svensden Farm,	71.82	47	P	P	09 25 17.1 +0.2
R29A	Marienthal	71.92	53	P	P	09 25 18.3 +0.6
Q30A	Quinter	72.02	52	P	P	09 25 18.4 +0.1
P31A	Stockton	72.07	51	P	P	09 25 18.5 0.0
S28A	Manter	72.11	54	P	P	09 25 19.5 +0.7
L35A	Bielow Farm, R	72.12	47	P	P	09 25 19.3 +0.5
J37A	Redenius Farm,	72.20	45	P	P	09 25 19.7 +0.5
I38A	Scanlan Farm,	72.23	44	P	P	09 25 19.3 0.0
319A	Douglas	72.26	63	eP	P	09 25 20.3 +0.5
121A	Cookes Peak, D	72.34	61	P	P	09 25 21.1 +0.7
P32A	Huiting Farm,	72.40	50	P	P	09 25 20.4 -0.1
R30A	Dighton	72.49	52	P	P	09 25 21.0 -0.1
S29A	Ulysses	72.52	53	P	P	09 25 21.3 0.0
M35A	Neola	72.53	47	P	P	09 25 21.2 +0.4
K37A	Belmond	72.57	45	P	P	09 25 21.7 +0.4
J38A	Wedel Dairy, R	72.71	44	P	P	09 25 22.0 -0.1
SCHO	Schefferville	72.75	23	P	P	09 25 22.6 +0.4
SCHO	Schefferville	72.75	23	P	P	09 25 22.6 +0.4
AS01	Alice Springs	72.77	199	eP	P	09 25 23.5 +0.9
AS31	Alice Springs	72.78	199	eP	P	09 25 24.0 +1.4
ASAR	Alice Springs	72.78	199	eP	P	09 25 23.8 +1.1
S30A	Montezuma	72.86	53	P	P	09 25 23.4 +0.2
Q32A	Meitler Ranch,	72.89	51	P	P	09 25 23.5 +0.2
O34A	Beatrice	72.98	49	P	P	09 25 23.6 -0.3
M36A	Felix, Anita	72.98	47	P	P	09 25 24.3 +0.4
L37A	Phoenix Point,	72.99	46	P	P	09 25 23.9 0.0
N35A	Taber	73.01	48	P	P	09 25 24.5 +0.5
K38A	Parkersburg	73.08	45	P	P	09 25 24.5 +0.1
Q33A	Connelly Farm,	73.26	50	P	P	09 25 25.4 -0.2
L38A	Oak Wood Farm,	73.37	45	P	P	09 25 26.1 0.0
P34A	Walnut Farm, R	73.38	49	P	P	09 25 26.2 0.0
M38A	Pleasantville	73.80	46	P	P	09 25 29.0 +0.3
N37A	Lee Faris, Mou	73.80	47	P	P	09 25 29.2 +0.6
P35A	Duane Minner,	73.81	49	P	P	09 25 28.3 -0.5
KSU1	Kansas State U	73.83	50	P	P	09 25 28.4 -0.5
O36A	Bolkow	73.89	48	P	P	09 25 29.2 0.0
T32A	Huddler Ranch,	74.03	52	P	P	09 25 30.0 -0.1
R34A	Isabella, Hill	74.09	50	P	P	09 25 30.6 +0.2
AMTX	Amarillo	74.19	56	P	P	09 25 32.1 +1.0
AMTX	Amarillo	74.19	56	eP	P	09 25 32.5 +1.3
AMTX	Muleshoe	74.24	57	P	P	09 25 32.4 +0.9
AMTX	Muleshoe	74.24	57	eP	P	09 25 33.1 +1.6
N38A	Joos South For	74.26	46	P	P	09 25 49.4 +0.2
O37A	Wolven Farm, M	74.28	47	P	P	09 25 31.5 +0.2
MNTX	Cornudas Mount	74.36	60	P	P	09 25 33.0 +0.9
MNTX	Cornudas Mount	74.36	60	eP	P	09 25 33.8 +1.7
MNTX	Kalwaria Pacla	74.43	329	eP	P	09 25 49.9 +0.1
KWP	Kalwaria Pacla	74.43	329	eP	P	09 25 33.3 +1.1
N39A	Der Farms, D	74.55	46	P	P	09 25 33.3 +1.1
V31A	Spring Creek L	74.56	54	P	P	09 25 33.2 +0.2
U32A	Winter Ranch,	74.58	53	P	P	09 25 33.6 +0.4
P37A	Lathrop	74.62	48	P	P	09 25 33.5 +0.1
O38A	Galt	74.65	47	P	P	09 25 33.9 +0.3
W31A	Holland Ranch,	74.94	54	P	P	09 25 36.1 +0.6
X30A	Coker Ranch, T	74.96	55	P	P	09 25 36.1 +0.5
R36A	Gordon, Harris	74.98	49	P	P	09 25 35.3 -0.2
P38A	Dawn	75.00	47	P	P	09 25 35.9 +0.2
O39A	Kirkville	75.01	46	P	P	09 25 36.0 +0.3
U33A	Lingo Farm, Me	75.02	52	P	P	09 25 36.2 +0.4
V32A	Arapaho	75.04	53	P	P	09 25 36.1 +0.1
T34A	McClaskey Farm	75.07	51	P	P	09 25 36.9 +0.8
STHS	Stebnicka Huta	75.12	330	eP	P	09 25 36.6 +0.4
STHS	Stebnicka Huta	75.12	330	eP	P	09 25 36.6 +0.4
KOLS	Kolonice sedl	75.17	329	eP	P	09 25 36.5 0.0
KOLS	Kolonice sedl	75.17	329	eP	P	09 25 36.5 0.0
BUR08	Bucovina Ar. S	75.20	32	eP	P	09 25 36.6 -0.2
VLD0	Val d'Or	75.20	32	eP	P	09 25 37.7 -0.9
BUR04	Bucovina Ar. S	75.21	327	eP	P	09 25 36.5 -0.3
BURAR	Bucovina Array	75.21	327	eP	P	09 25 36.4 -0.5
BURAR	Bucovina Array	75.21	327	eP	P	09 25 36.4 -0.5
U34A	Anderson Ranch	75.32	52	P	P	09 25 38.1 +0.5
X31A	McDonald Ranch	75.33	55	P	P	09 25 38.1 +0.4
W32A	Senell	75.37	54	P	P	09 25 39.0 +1.1
Y30A	Stafford Catti	75.37	56	P	P	09 25 38.5 +0.5
V33A	Lossen Ranch,	75.38	53	P	P	09 25 38.2 +0.3
S36A	Lake Cedric, C	75.39	50	P	P	09 25 38.2 +0.3
O40A	La Belle	75.44	46	P	P	09 25 38.3 +0.2
Q38A	Cooks Store, C	75.46	48	P	P	09 25 37.9 -0.4
P39A	Salisbury	75.49	47	P	P	09 25 38.3 -0.2
T35A	Sooner Cattle	75.51	51	P	P	09 25 39.1 +0.4
Y31A	Rekieta Farm,	75.56	55	P	P	09 25 40.5 +0.9
Q39A	Willow Grove F	75.72	47	P	P	09 25 39.7 0.0
T36A	Boggs Farm, Ca	75.73	51	P	P	09 25 40.2 +0.3
S37A	Fort Scott	75.75	49	P	P	09 25 39.8 -0.2
W33A	Caddo, Fort Co	75.78	53	P	P	09 25 41.1 +0.9
V34A	Guthrie	75.78	52	P	P	09 25 40.6 +0.4
V34A	Guthrie	75.78	52	eP	P	09 25 41.1 +0.9
U35A	Pawnee	75.80	52	P	P	09 25 40.5 +0.2
P40A	Par	75.81	46	P	P	09 25 40.5 +0.2
X32A	Elmer	75.87	54	P	P	09 25 41.3 +0.6
DPC	Dobruska-Polom	75.90	333	eP	P	09 25 40.5 -0.2
DPC	Dobruska-Polom	75.90	333	eP	P	09 25 40.5 -0.2
R38A	Fenwick Farm,	75.90	49	P	P	09 25 40.4 -0.5
WMOK	Wichita Mounta	75.91	54	eP	P	09 25 41.8 +0.8
WMOK	Wichita Mounta	75.91	54	eP	P	09 25 41.8 +0.8
WMOK	Wichita Mounta	75.91	54	eP	P	09 25 41.8 +0.8
LANS	Liptovska Anna	75.94	331	eP	P	09 25 41.9 +1.0
LANS	Liptovska Anna	75.94	331	eP	P	09 25 41.9 +1.0
MORC	Moravsky Berou	76.02	332	eP	P	09 25 41.3 -0.1
MORC	Moravsky Berou	76.02	332	eP	P	09 25 41.3 -0.1
MORC						

ANMO Albuquerque	39.17 105 P	P	P	09 46 48.0 +1.0	SUMG Summit	comp=Z,9.1nm,0.8s	42.17 24 i P	pmax	pmax	09 47 11.0 -0.5	TXAR	comp=Z,1.7nm,0.7s,baz=311,slow=5.1,SNR=14	PcP	PcP	09 49 14.1 +0.1
ANMO Albuquerque	39.17 105 eP	P	P	09 46 48.7 +1.7	SUMG Summit	comp=Z,11nm,0.7s	42.25 14 i P			09 47 10.5 -1.1	TXAR	comp=Z,2.0nm,0.6s,baz=185,slow=0.3,SNR=8.0	LR	LR	10 05 24.1
ANMO Albuquerque	39.17 105 eP	P	P	09 46 46.5 -0.5	DAG Danmarks Havn	comp=Z,9.6nm,1.6s	42.25 14 eP	P	P	09 47 10.5 -1.1	V39A Pettigrew	comp=Z,5.3nm,19.6s,baz=0.0,slow=9.4			09 47 35.7 +0.4
L34A Svendsen Farm,	39.20 89 P	P	P	09 46 47.8 +0.9	MNTX Cornudas Mount	baz=324,SNR=5.7	42.30 107 P	P	P	09 47 14.1 +1.6	U40A Yellville	baz=319			09 47 35.6 +0.1
J36A Genea 1, Swea	39.32 85 P	P	P	09 46 48.5 +0.6	MNTX Cornudas Mount	baz=318	42.30 107 eP	P	P	09 47 14.6 +2.1	Z35A Perchaven, San	baz=322			09 47 36.2 +0.6
I37A Lemond, Waseca	39.34 84 P	P	P	09 46 49.3 +1.2	R36A Gordon, Harris	baz=318	42.30 92 P	P	P	09 47 13.0 +0.6	X37A Clayton	baz=320			09 47 36.2 +0.6
M34A Aspy Farms, Fr	39.42 89 P	P	P	09 46 49.2 +0.4	W31A Holland Ranch,	baz=321	42.34 99 P	P	P	09 47 13.8 +0.9	SFIN Lafayette	comp=Z,1.7nm,0.5s			09 47 36.1 +0.4
S28A Manter	39.49 98 P	P	P	09 46 51.1 +1.6	U33A Lingo Farm, Me	baz=320	42.34 96 P	P	P	09 47 13.7 +0.9	SFIN Lafayette	comp=Z,1.7nm,0.5s			09 47 35.9 +0.1
N33A J Bar K, Exete	39.51 91 P	P	P	09 46 50.5 +0.9	S35A Otter Creek Ra	baz=318,SNR=7.2	42.35 93 P	P	P	09 47 13.5 +0.6	Y36A Durant	comp=Z,0.9nm,0.4s,baz=64,slow=9.5,SNR=7.0			09 47 37.0 +0.9
CBKS Cedar Bluff	39.71 95 P	P	P	09 46 52.1 +0.8	P38A Dawn	baz=317	42.38 98 P	P	P	09 47 13.8 +0.7	W38A Poteau	baz=320			09 47 36.8 +0.5
CBKS Cedar Bluff	39.71 95 eP	P	P	09 46 54.1 +2.8	T34A McClaskey Farm	baz=319	42.38 95 P	P	P	09 47 13.9 +0.7	134A White-Moore Ra	baz=322			09 47 38.0 +1.1
P32A Huiting Farm,	39.71 93 P	P	P	09 47 13.4 +0.2	V32A Arapaho	baz=319	42.40 97 P	P	P	09 47 14.1 +0.7	233A Rising Star	baz=322,SNR=8.4			09 47 37.8 +0.8
K36A Gilmore City	39.74 86 P	P	P	09 46 51.9 +0.4	X30A Coker Ranch, T	baz=321,SNR=6.1	42.43 100 P	P	P	09 47 14.7 +1.0	X38A Whitesboro	baz=320			09 47 38.4 +0.9
J37A Redenius Farm,	39.74 85 P	P	P	09 46 52.4 +0.9	O39A Kirksville	baz=318,SNR=5.4	42.44 87 P	P	P	09 47 13.8 +0.1	Y37A Hugo	baz=321,SNR=10			09 47 39.5 +1.2
Q31A Ellis	39.75 95 P	P	P	09 46 52.8 +1.2	Q37A Longview Farm,	baz=318	42.45 90 P	P	P	09 47 14.0 +0.4	W39A Magazine	baz=320			09 47 39.3 +0.8
R30A Dighton	39.82 96 P	P	P	09 46 53.3 +1.1	U34A Anderson Ranch	baz=319	42.65 95 P	P	P	09 47 16.2 +0.9	Z36A Junction City	baz=321			09 47 40.3 +0.9
I38A Scanlan Farm,	39.88 83 P	P	P	09 46 53.6 +1.0	R37A Teagarden Farm	baz=318	42.66 91 P	P	P	09 47 16.1 +0.7	135A Vickery Place,	baz=322			09 47 40.6 +0.9
M35A Neola	39.91 89 P	P	P	09 46 54.1 +1.2	S36A Lake Cedric, C	baz=318	42.70 92 P	P	P	09 47 16.4 +0.7	234A Clatete	baz=322,SNR=8.5			09 47 41.0 +0.8
O33A Hebron	39.92 92 P	P	P	09 46 53.7 +0.8	V33A Lossen Ranch,	baz=320	42.72 97 P	P	P	09 47 16.5 +0.6	USRK USSuriysk Ar.	baz=322,SNR=8.5			09 47 38.8 -1.8
N34A Lincoln	39.94 90 P	P	P	09 46 53.7 +0.6	X31A McDonald Ranch	baz=321	42.75 99 P	P	P	09 47 16.8 +0.6	USRK	comp=Z,1.9nm,0.5s,baz=20,slow=1.8,SNR=8.2	PcP	PcP	09 49 16.3 0.0
L36A Harm Buss Farm	40.00 87 P	P	P	09 46 54.2 +0.6	W32A Sentinel	baz=320	42.75 98 P	P	P	09 47 17.0 +0.8	333A Richland Sprin	baz=323,SNR=10			09 47 41.7 +0.7
K37A Belmont	40.08 86 P	P	P	09 46 54.8 +0.6	T35A Sooner Cattle	baz=319	42.82 94 P	P	P	09 47 17.1 +0.4	OLIL Olney	comp=Z,6.0nm,1.0s			09 47 41.6 +0.5
Q32A Mettler Ranch,	40.20 94 P	P	P	09 46 56.4 +1.1	Q38A Cooks Store, C	baz=318,SNR=7.2	42.82 90 P	P	P	09 47 16.9 +0.2	X39A Fountain Ranch	baz=320			09 47 42.0 +0.6
R31A Burdett	40.21 95 P	P	P	09 46 56.3 +0.9	Y30A Stafford Cattle	baz=322,SNR=6.2	42.86 101 P	P	P	09 47 18.3 +1.1	Y38A Idabel	baz=321			09 47 43.4 +1.1
J38A Wedel Dairy, R	40.30 84 P	P	P	09 46 57.1 +1.0	P39A Salisbury	baz=317	42.89 88 P	P	P	09 47 17.4 +0.2	HPIG Southern Illin	46.06 112 eP	PcP	PcP	09 49 18.7 +1.1
O34A Beatrice	40.31 91 P	P	P	09 46 56.8 +0.6	O40A La Belle	baz=317,SNR=5.0	42.89 87 P	P	P	09 47 17.5 +0.2	SIUC	46.06 87 eP	P	P	09 47 42.9 +0.4
P33A Williams Farm,	40.33 93 P	P	P	09 46 57.1 +0.8	SFJD Kangerlussuaq	42.90 34 i P	42.90 34 P	P	P	09 47 17.7 +0.8	JCT Junction City	baz=324,SNR=15			09 48 03.9 -1.0
N35A Tabor	40.37 89 P	P	P	09 46 57.6 +0.9	SFJD Kangerlussuaq	42.90 34 eP	42.90 34 P	P	P	09 47 17.7 +0.8	JCT Junction City	comp=Z,3.7nm,0.6s			09 47 44.2 +1.2
M36A Felix, Anita	40.39 88 P	P	P	09 46 58.0 +1.2	T36A Boggs Farm,	baz=319,SNR=6.0	43.05 93 P	P	P	09 47 18.9 +0.4	PBMO Poplar Bluff	comp=Z,4.4nm,1.4s			09 47 42.9 0.0
121A Cookes Peak, D	40.42 109 P	P	P	09 46 58.9 +1.5	S37A Fort Scott	baz=318	43.08 92 P	P	P	09 47 18.9 +0.2	MIAR Mount Ida	baz=320			09 47 43.9 +0.6
ASAJ Asahikawa	40.43 278 P	P	P	09 46 57.2 +0.1	Q39A Willow Grove F	baz=317,SNR=7.9	43.11 96 P	P	P	09 47 19.0 +0.1	MIAR Mount Ida	baz=320			09 47 44.2 +0.8
ASAJ	comp=Z,6.7nm,0.7s,baz=111,slow=3.3,SNR=9.9	PcP	PcP	09 48 58.6 +0.5	V34A Guthrie	baz=320	43.11 96 P	P	P	09 47 19.6 +0.5	MIAR	46.23 98 eP	P	P	09 47 44.7 +0.9
L37A Phoenix Point,	40.47 86 P	P	P	09 46 58.2 +0.7	V34A Guthrie	comp=Z,15nm,0.9s	43.11 96 eP	P	P	09 47 20.0 +0.9	136A Ennis	baz=322			09 47 45.0 +1.0
R32A Long Quarter,	40.54 95 P	P	P	09 46 59.1 +1.0	U35A Pawnee	baz=319	43.12 95 P	P	P	09 47 20.2 +1.1	334A Lometa	baz=323,SNR=11			09 47 45.0 +0.8
Q33A Connelly Farm,	40.58 93 P	P	P	09 46 59.1 +0.8	Y31A Rekieta Farm,	baz=321	43.12 100 P	P	P	09 47 20.2 +1.0	433A Art	baz=323,SNR=14			09 47 45.6 +0.7
K38A Parkersburg	40.62 85 P	P	P	09 46 59.4 +0.7	W33A Caddo, Fort Co	baz=320	43.14 97 P	P	P	09 47 20.3 +1.0	Y39A Leoksburg	baz=321			09 47 45.5 +0.4
P34A Walnut Farm, R	40.70 92 P	P	P	09 47 00.2 +0.8	P40A Paris	baz=317	43.23 88 P	P	P	09 47 20.3 +0.3	BLO Bloomington	comp=Z,3.9nm,0.5s			09 47 45.5 +0.4
S31A Mullinville	40.73 96 P	P	P	09 47 01.0 +1.3	R38A Fenwick Farm,	baz=318	43.24 91 P	P	P	09 47 20.2 +0.2	236A Katherine and	baz=322			09 47 48.3 +1.2
N36A Muff Farm, Cla	40.77 89 P	P	P	09 47 01.6 +1.1	X32A Elmer	baz=321	43.27 99 P	P	P	09 47 21.6 +1.1	434A Burnet	baz=323,SNR=19			09 47 48.0 +0.6
M37A Trindle Farm,	40.82 87 P	P	P	09 47 01.6 +1.2	WMOK Wichita Mounta	comp=Z,11nm,0.8s	43.29 98 eP	P	P	09 47 21.9 +1.3	USIN University of	USIN			09 48 00.0 +0.1
L38A Oak Wood Farm,	40.87 86 P	P	P	09 47 01.4 +0.7	W34A Bridge Creek,	baz=320	43.44 97 P	P	P	09 47 22.7 +1.0	335A Moody	baz=323			09 47 48.7 +1.1
U30A WK&E Inc. Balk	40.94 98 P	P	P	09 47 02.7 +1.1	T37A Cheneyville 18	baz=320	43.50 92 P	P	P	09 47 22.5 +0.3	Y40A Okolona	baz=321			09 47 48.6 +0.8
S32A Newby Ranch, P	40.96 95 P	P	P	09 47 02.7 +1.1	Y32A R-V Farms, Ver	baz=321,SNR=7.4	43.52 99 P	P	P	09 47 23.3 +1.0	533A Knoxville	baz=324			09 47 49.6 +0.9
R33A Oldover Ranch,	41.01 94 P	P	P	09 47 03.1 +1.2	SPITS Spitsbergen Ar	comp=Z,0.7nm,0.3s,baz=100,slow=3.5,SNR=9.6	43.59 3 P	P	P	09 47 21.0 -1.4	336A Riesel	baz=323,SNR=5.4			09 47 50.1 +0.9
T31A Randall Ranch,	41.02 97 P	P	P	09 47 03.3 +1.2	SPITS	comp=Z,3.0nm,0.5s,baz=75,slow=4.4,SNR=8.7	43.59 98 P	P	P	09 49 08.2 +0.1	435B Jarrell	baz=323,SNR=5.4			09 47 51.4 +1.4
Q34A Chapman	41.10 92 P	P	P	09 47 03.8 +1.1	X33A Lawton	baz=321	43.59 98 P	P	P	09 47 24.0 +1.1	534A Blanco	baz=324,SNR=8.7			09 47 51.9 +0.8
P35A Duane Minner,	41.14 91 P	P	P	09 47 04.0 +0.9	R39A Chummy, Stover	baz=318,SNR=5.4	43.61 90 P	P	P	09 47 22.9 -0.1	633A Sathoff Ranch	baz=323			09 47 52.6 +0.7
KSU1 Kansas State U	41.14 92 P	P	P	09 47 03.9 +0.8	Q40A Lux Farm, Aux	baz=318	43.61 88 P	P	P	09 47 23.2 +0.2	437A Phantom Ranch,	baz=323			09 47 56.7 +1.1
KSU1 Kansas State U	41.14 92 eP	P	P	09 47 04.0 +1.0	S38A Stockton	baz=318	43.66 91 P	P	P	09 47 23.1 -0.3	NATX Nacogdoches	47.77 97 P	P	P	09 47 57.2 +1.4
KSU1	41.14 92 eP	P	P	09 47 03.9 +0.8	T38A Diamond	baz=319	43.90 92 P	P	P	09 47 25.3 -0.1	NATX Nacogdoches	comp=Z,3.0nm,0.9s			09 47 57.4 +1.6
N37A Lee Faris, Mou	41.20 88 P	P	P	09 47 04.7 +0.7	S39A Bolivar	baz=318	43.92 91 P	P	P	09 47 25.0 -0.9	733A Divot King Ran	baz=318,SNR=9			09 47 57.2 +1.2
O36A Bolckow	41.26 89 P	P	P	09 47 04.7 +0.7	HDIL Hopedale	baz=316,SNR=8.3	43.93 84 P	P	P	09 47 25.6 +0.1	832A Faith Ranch, C	baz=325			09 47 57.1 +1.1
M38A Pleasantville	41.26 87 P	P	P	09 47 04.5 +0.5	HDIL Hopedale	comp=Z,4.1nm,0.8s	43.93 84 eP	P	P	09 47 25.8 +0.2	536A Bastrop	baz=323			09 47 58.1 +1.7
HABR Khabarovsk	41.37 288 eP	P	P	09 47 02.7 -2.0	Y33A Salina	baz=319	43.94 99 P	P	P	09 47 26.0 +0.3	ALLY Alegheny Coll	comp=Z,5.7nm,0.5s			09 47 57.1 +0.5
HABR	41.37 288 eP	P	P	09 47 02.9 -4.9	U37A Salina	baz=319	43.94 93 P	P	P	09 47 25.9 +0.2	635A Leesville	baz=324,SNR=6.3			09 47 59.6 +1.7
HABR	41.37 288 eP	P	P	09 48 39.8	TUL1 Leonard	baz=320	43.96 94 P	P	P	09 47 26.3 +0.5	833A Chaparral WMA,	baz=325			09 47 59.5 +1.3
HABR	41.37 288 eP	P	P	09 48 59.5	W35A Tecumseh	baz=320	43.97 96 P	P	P	09 47 26.4 +0.5	734A La Parita Cree	baz=324			09 47 59.7 +1.6
HABR	41.37 288 eP	P	P	09 49 10.4	V36A Jenks	baz=320	43.98 95 P	P	P	09 47 26.2 +0.2	HIA Hailar	48.21 299d i P	P	P	09 47 59.1 +0.1
HABR	41.37 288 eP	P	P	09 53 11.7 -0.3	R40A Maddies Statio	baz=318,SNR=8.2	44.03 89 P	P	P	09 47 26.2 -0.2	HIA	48.21 299d i P	P	P	09 47 59.3 0.0
HABR	41.37 288 eP	P	P	09 56 19.4 +0.6	Z32A Haskell	baz=322,SNR=5.4	44.04 100 P	P	P	09 47 27.1 +0.5	MAJO Matsushiro	comp=Z,1.1nm,0.6s			09 47 59.3 0.0
HABR	41.37 288 eP	P	P	09 56 51.9	U38A Gravette	baz=319,SNR=7.1	44.03 93 P	P	P	09 47 28.3 -0.3	MAJO Matsushiro	comp=Z,1.7nm,0.8s			09 47 59.3 0.0
HABR	41.37 288 eP	P	P	09 56 58.4	W36A Wetumka	baz=320	44.32 95 P	P	P	09 47 28.9 +0.1	MAJO Matsushiro	comp=Z,1.09nm,1.0s			

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like KS01, KSRS, KSAR, TLY, etc.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like LZH, OBN, OTUK, AKTO, etc.

Table with columns for station call letters, name, frequency, and other technical details. Includes stations like VYHS, MOA, CONA, KSH, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like Anninata, Neokhori, Desfina, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like VYHS, VYHS, VYHS, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like HJH, HJH, MKAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like IDC 10 11:58:07.2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like KRSC 10 11:58:34.9, etc.

IDC 10 11:00:32.5:5.6,48:39N:33:36E, h0km, mb3.5/1, mb1 3.7/1, mb1mx3.0/44, mbtmp3.6/1, MS3.2/4, MS1 3.2/4, ms1mx2.7/41, Error ellipse: s-maj=61.6km s-min=33.5km az=11.0, Ukraine-Moldova-Southwestern Russia region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like AKASG, AKASG, AKASG, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like IDC 10 11:30:57.4, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like SPN, SPN, NLC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like ZLN, ZLN, LGRN, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like CASG 10 12:02:13.7, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like CASG 10 12:17:35.8, etc.

ISCJB 10 10:42:59.0:4.0, 50.01N:0.03:18:53E:0.02, h0km, Error ellipse: s-maj=4.1km s-min=2.3km az=2.5, IPEC 10 10:43:00.5:0.2, 49.96N:18:68E, h2km,2km, ML2/13, Error ellipse: s-maj=2.3km s-min=1.1km az=161.0, CSEM 10 10:43:00.6:0.3, 50.01N:18:56E, h2km, ML2.8/11, Error ellipse: s-maj=8.4km s-min=3.8km az=8.0, VIE 10 10:43:02.5:1.3, 49.82N:18:55E, h0km,2km, mb2.3/2, ml2.4/3, Error ellipse: s-maj=8.5km s-min=4.5km az=117.0, Suspected Minimum indicated

MEX 10 11:32:51.3:0.6, 14:98N:93:88W, h20km, MD3.9, Near coast of Mexico

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like RAC, RAC, OKC, etc.

ISCJB 10 11:36:16.1:0.5, 35:34N:0.04:140:10E:0.05, h73km,4km, mb3.5/4, Error ellipse: s-maj=8.8km s-min=5.1km az=42.8, JMA 10 11:36:16.6:0.2, 35:42N:140:09E, h66km,2km, M3.0, JMA Felt 1 J1, IDC 10 11:36:17.1:0.5, 35:32N:140:13E, h64km,31km, mb3.2/4, mb1 3.3/5, mb1mx3.0/48, mbtmp3.5/5, ML3.2/1, Error ellipse: s-maj=73.8km s-min=6.1km az=68.0, ISC 10 11:36:17.3:0.9, 35:35N:0.05:140:08E:0.05, h66km,7km, n18, r048/29, mb3.6/4, Near east coast of eastern Honshu

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

NEIC 10 12:29:58.6, 19:47N:92:19W, h15km, MD4.0(MEX), After MEX. MEX 10 12:29:58.6:0.8, 19:47N:92:19W, h15km,25km, MD4.0, Bay of Campeche

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like SCIG, SCIG, SCIG, etc.

ISCJB 10 12:45:49.1:0.4, 21:24S:0.04:68:67W:0.08, h121km,6km, mb4.5/5, Error ellipse: s-maj=12.3km s-min=5.8km az=177.4, GUC 10 12:45:50.2:0.6, 21:26S:68:79W, h121km,4km, ML4.4, NEIC 10 12:45:50.0, 21:26S:68:79W, h121km, mb4.6/4, After GUC, IDC 10 12:45:51.6:0.7, 21:37S:68:43W, h116km,6km, mb4.1/4, mb1 4.1/7, mb1mx3.7/25, mbtmp3.5/7, MS3.2/3, Ms1 3.1/3, ms1mx2.9/20, Error ellipse: s-maj=27.3km s-min=8.9km az=13.0, ISC 10 12:45:50.5:0.6, 21:25S:0.04:68:69W:0.07, h116km,6km, n29, r12/40, mb4.4/5, 7C-3D, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like PB09, PB09, PB01, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Redoubt South, Kodiak Island, and various other locations.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Tokmak 2, Kyzart, and various other locations.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Dehra Dun, Bangkinang, and various other locations.

Table with columns: ID, Name, Time, and other details. Includes entries like 003D Paynes Creek, AKH Akhalkalaki, UOSS Minazif, etc.

Table with columns: ID, Name, Time, and other details. Includes entries like HLID Aaknes, BMN Battle Mountai, BOZ Bozeman (W), etc.

Table with columns: ID, Name, Time, and other details. Includes entries like LVV comp=N,800nm,16.0s, EDW2 Edwards Air Fo, FSU Fish Springs, etc.

10d 14h

Table with columns for station name, frequency, power, and other technical details. Includes stations like LUWI, BIPH, AMPSA, BUTP, etc.

2011 FEB

Table with columns for station name, frequency, power, and other technical details. Includes stations like SMRI, WJWI, UGM, BJII, etc.

488

Table with columns for station name, frequency, power, and other technical details. Includes stations like GUMO, TRTT, MNSI, NONG, etc.

10d 14h

Table with columns for station name, frequency, power, and other technical details. Includes stations like WAKE ISLAND, Mangrove Creek, Ulanbaatar, and various regional stations.

2011 FEB

Table with columns for station name, frequency, power, and other technical details. Includes stations like Mincioy, Talaya, Bahadurgarh, and various regional stations.

490

Table with columns for station name, frequency, power, and other technical details. Includes stations like AAA, TDK, Petropavlovsk, and various regional stations.

Table with columns: Call Sign, Name, Frequency, Power, and other technical details. Includes stations like MSVF Nonsavu, SEM Semipalatinsk, MA2 Magadan, etc.

Table with columns: Call Sign, Name, Frequency, Power, and other technical details. Includes stations like PKVZ Pokaka, GRRZ Galatos Road, TUZ Tuapeka, etc.

Table with columns: Call Sign, Name, Frequency, Power, and other technical details. Includes stations like PLWZ Palliser, PAWZ Paruruai Farm, PAWZ Paruruai Farm, etc.

10d 14h

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like GAMB Gambell, AKUT Akutan, BDHA Al Bayda, etc.

2011 FEB

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like SOC, TNCU, GUNT, PTK, etc.

492

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like TOKA Tokat, SARI Saridiz-Kayseri, PINB Pinarbası, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like PSZ Piszkesteto, LANS Liptovska Anna, and many others.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like CONA Conrad Observa, PVCC Panska Ves, and many others.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like VAE Valguarnera, VAE Valguarnera, and many others.

CAF	Calviac	108.33	320	eP	Pdif	14 52 56.2	+2.8
CAF	comp-Z, 112nm, 2.5s				pmax		
SWMT	Swartz Lake	108.37	37	ePKIKP	PKIKP	14 56 57.5	+1.1
GRR	Gorron	108.52	324	eP	Pdif	14 52 56.9	+2.8
GRR	comp-Z, 17nm, 1.0s				pmax		
MSO	Missoula	108.72	37	P	PKIKP	14 56 57.0	-0.1
MSO	Missoula	108.72	37	ePdif	Pdif	14 52 57.6	+2.4
MSO	Missoula	108.72	37	ePKIKP	PKIKP	14 56 58.0	+0.9
SFJD	Kangerlussuaq	108.90	357	iP	Pdif	14 52 54.8	-0.6
MFF	Saint Martin d	108.96	322	eP	Pdif	14 53 00.0	+3.9
MFF	comp-Z, 7.9nm, 1.9s				pmax		
MFID	Camas Ranch	109.06	41	ePdif	Pdif	14 52 58.6	+1.8
NV01	Mina Array Sit	109.34	47	ePdif	Pdif	14 52 59.3	+1.0
NV01	Mina Array Bea	109.34	47	Pdif	Pdif	14 52 59.2	+0.9
NV01	comp-Z, 5.3nm, 1.0s, baz=274, slow=4.6, SNR=20				PKKPbc		
NVAR	comp-Z, 18nm, 0.7s, baz=126, slow=2.3, SNR=22				PKKPbc		
NVAR	comp-Z, 3.9nm, 0.5s, baz=210, slow=2.9, SNR=10				PKKPbc		
NV11	Mina Array Sit	109.44	47	ePdif	Pdif	14 53 00.2	+1.5
PKM	McPherson Peak	109.46	51	P	PKIKP	14 57 00.7	+1.9
HLID	Hailey	109.92	41	P	PKIKP	14 57 00.2	+0.7
HLID	Hailey	109.92	41	ePdif	Pdif	14 53 02.6	+1.9
HLID	Hailey	109.92	41	ePKIKP	PKIKP	14 57 02.1	+2.6
DLMT	Dillon	110.24	38	ePdif	Pdif	14 53 05.3	+3.2
DLMT	Dillon	110.24	38	ePKIKP	PKIKP	14 57 02.2	+2.2
DLMT	Dillon	110.24	38	ePKIKP	PKIKP	14 57 02.6	+2.2
MCMT	McKenzie Canyo	110.34	39	ePKIKP	PKIKP	14 57 01.7	+1.2
OSMT	Osito Audit: C	110.39	51	P	PKIKP	14 57 01.7	+1.2
EGSI	Eagleton	110.59	35	P	PKIKP	14 57 01.7	+1.2
EGMT	Eagleton	110.59	35	ePKIKP	PKIKP	14 57 02.1	+1.6
ELK	Elko	110.59	44	ePdif	Pdif	14 53 05.6	+1.8
ELK	Elko	110.59	44	eP	Pdif	14 53 05.4	+1.8
FCC	Fort Churchill	110.69	20	ePdif	Pdif	14 53 05.9	+2.4
FCC	Fort Churchill	110.69	20	eP	Pdif	14 53 05.9	+2.4
BOZ	Bozeman (W)	110.70	38	P	PKIKP	14 57 02.6	+1.7
EDW2	Edwards Air Fo	110.86	50	P	PKIKP	14 57 03.2	+1.8
ETSF	Etsaut	110.94	319	eP	Pdif	14 53 08.2	+3.1
PASC	Pasadena Art C	110.97	51	ePKIKP	PKIKP	14 57 03.8	+2.3
QLMT	Earthquake Lak	111.22	38	ePdif	Pdif	14 53 10.8	+4.3
QLMT	Earthquake Lak	111.22	38	ePKIKP	PKIKP	14 57 04.0	+2.0
R11A	Troy Canyon, C	111.34	46	ePdif	Pdif	14 53 09.2	+2.1
YNR	Norris Junction	111.74	38	ePdif	Pdif	14 53 15.0	+6.1
FRB	Frisher Bay	111.74	6	PKKPbc	PKKPbc	15 07 56.8	-3.0
FRB	comp-Z, 6.6nm, 1.0s, baz=148, slow=5.0, SNR=4.1				PKKPbc		
HVU	Hansel Valley	111.80	42	ePdif	Pdif	14 53 11.6	+2.5
HVU	Hansel Valley	111.80	42	eP	Pdif	14 53 11.6	+2.5
MURC	Murrieta	111.94	51	P	PKIKP	14 57 05.2	+1.7
MOOW	Moose Ponds	112.18	39	ePKIKP	PKIKP	14 57 05.8	+1.9
RLMT	Red Lodge	112.40	37	ePKIKP	PKIKP	14 57 06.0	+1.8
DUG	Dugway, Tooele	112.50	43	P	PKIKP	14 57 06.0	+1.5
PFO	Pinoy Flats O	112.51	51	PKIKP	PKIKP	14 57 04.8	+0.1
PFO	comp-Z, 35nm, 1.0s, baz=240, slow=1.1, SNR=11				SKP		
PFO	comp-Z, 20nm, 0.9s, baz=297, slow=1.7, SNR=4.2				SKP		
PFO	Pinoy Flats O	112.51	51	P	PKIKP	14 57 06.8	+2.2
GMRC	Granite Mounta	112.68	50	P	PKIKP	14 57 06.9	+2.0
BELC	Belle Mtn. Jos	112.72	51	P	PKIKP	14 57 06.7	+1.7
MONP2	Monument Peak	112.80	52	P	PKIKP	14 57 07.2	+1.9
IBP	Imperial Bould	113.14	52	P	PKIKP	14 57 07.4	+1.8
SKWC	Sam W. Stewart	113.26	52	P	PKIKP	14 57 07.4	+1.5
BC3	Big Chuckawall	113.27	51	P	PKIKP	14 57 07.7	+1.6
IRM	Iron Mountain	113.31	50	P	PKIKP	14 57 07.9	+1.8
DGMT	Dagmar	113.40	32	P	PKIKP	14 57 06.9	+1.2
DGMT	Dagmar	113.40	32	ePKIKP	PKIKP	14 57 06.9	+1.2
BW06	Boulder Array	113.42	40	P	PKIKP	14 57 07.8	+1.5
BW06	Boulder Array	113.42	40	ePKIKP	PKIKP	14 57 05.9	-0.3
PD31	Pinedale Array	113.42	40	ePKIKP	PKIKP	14 57 07.0	+0.8
PDAR	Pinedale Array	113.42	40	Pdif	Pdif	14 53 17.1	+0.7
PDAR	comp-Z, 0.6nm, 0.9s, baz=246, slow=4.4, SNR=5				PKIKP		
PDAR	comp-Z, 12nm, 0.9s, baz=153, slow=1.2, SNR=13				SKP		
PDAR	comp-Z, 9.2nm, 0.8s, baz=290, slow=2.7, SNR=4.1				PKKPbc		
PDAR	comp-Z, 6.4nm, 0.6s, baz=109, slow=5.5, SNR=21				PKKPbc		
PDAR	comp-Z, 23nm, 1.0s, baz=149, slow=3.5, SNR=4.9				PKKPbc		
PDAR	comp-Z, 0.6nm, 0.8s, baz=126, slow=1.2, SNR=2.9				PKKPbc		
TAM	Tamanrasset	113.45	297	ePKIKP	PKIKP	14 57 08.1	+1.4
TAM	Tamanrasset	113.45	297	eP	PKIKP	14 57 08.1	+1.4
TAM	Tamanrasset	113.45	297	ePKIKP	PKIKP	14 57 08.4	+1.4
A25A	Svangstu Ranch	113.68	31	P	PKIKP	14 57 07.4	+1.1
MSU	Marysvalde	113.69	45	ePKIKP	PKIKP	14 57 01.9	-5.0
MSU	Marysvalde	113.69	45	ePKIKP	PKIKP	14 57 01.9	-5.0
Y12C	Blythe	113.95	50	P	PKIKP	14 57 08.9	+1.7
GLA	Glamis	113.98	51	P	PKIKP	14 57 09.4	+2.0
GLA	Glamis	113.98	51	ePKIKP	PKIKP	14 57 09.4	+2.0
PDMO1	Parker Dam, Lak	114.02	50	P	PKIKP	14 57 08.9	+1.6
A26A	Wade Farm, Ken	114.26	31	P	PKIKP	14 57 08.1	+0.7
C25A	Freed Ranch, W	114.36	32	P	PKIKP	14 57 09.1	+1.4
P18A	Preston Nutter	114.51	43	ePKPdif	PKPdif	14 57 10.3	+1.8
U15A	North Rim	114.52	47	ePKPdif	PKPdif	14 57 10.2	+1.6
SRU	San Rafael Swe	114.56	44	ePKPdif	PKPdif	14 57 10.1	+1.6
SRU	San Rafael Swe	114.56	44	ePKIKP	PKPdif	14 57 10.1	+1.6
A27A	Ledoux Ranch, H	114.63	30	P	PKIKP	14 57 09.2	+1.1
ES19	SONSECA Array	114.66	317	ePKPdif	PKPdif	14 57 09.4	+1.0
D25A	Fairfield	114.67	33	P	PKIKP	14 57 09.7	+1.4
ESDC	Sonsea Array	114.71	317	PKP	PKPdif	14 57 09.0	+0.4
ESDC	comp-Z, 5.3nm, 1.0s, baz=46, slow=6.6, SNR=5.6				PP		
ESDC	comp-Z, 18nm, 1.0s, baz=46, slow=6.6, SNR=5.6				PKKPbc		
ESDC	comp-Z, 2.2nm, 0.7s, baz=267, slow=2.8, SNR=2.5				PKPdif		
ESLA	Sonsea Array	114.71	317	ePKPdif	PKPdif	14 57 09.6	+1.0
C26A	Wahner Farm, P	114.90	32	P	PKIKP	14 57 09.9	+1.2
113A	Michaux Valley,	114.91	51	ePKPdif	PKPdif	14 57 11.4	+2.4
E25A	Miller Ranch,	115.02	34	P	PKIKP	14 57 09.9	+1.0
Y14A	Wickenburg	115.03	50	ePKPdif	PKPdif	14 57 11.2	+1.8
PAB	San Pablo	115.03	317	ePKPdif	PKPdif	14 57 10.6	+1.4
A28A	Rude Farm, Bot	115.15	30	P	PKIKP	14 57 09.8	+0.7
D26A	Manning	115.23	33	P	PKIKP	14 57 10.6	+1.3
C27A	Saylor Ranch,	115.28	32	P	PKIKP	14 57 10.7	+1.3
F25A	Bowman	115.33	34	P	PKIKP	14 57 10.5	+0.9
K22A	Casper	115.39	38	P	PKIKP	14 57 10.0	+0.1
K22A	Casper	115.39	38	ePKPdif	PKPdif	14 57 10.7	+0.7
B28A	Dugan Ranch, T	115.40	30	P	PKIKP	14 57 10.3	+0.7
E26A	Carlson Angus	115.55	33	P	PKIKP	14 57 10.8	+0.8
WUAZ	Wupatki	115.59	47	P	PKIKP	14 57 12.4	+1.9
WUAZ	Wupatki	115.59	47	ePKPdif	PKPdif	14 57 12.7	+2.2
O20A	White River Ci	115.60	42	P	PKIKP	14 57 11.8	+1.3

O20A	White River Ci	115.60	42	ePKPdif	PKPdif	14 57 11.8	+1.3
A29A	Manning Farm,	115.65	29	P	PKIKP	14 57 10.2	+0.1
D27A	Center	115.66	32	P	PKIKP	14 57 11.2	+0.1
G25A	Newell	115.75	35	P	PKIKP	14 57 10.9	+0.4
PV09	Paradox Valley	115.81	44	ePKPdif	PKPdif	14 57 13.0	+1.9
F26A	Lodgepole	115.81	34	P	PKIKP	14 57 11.2	+0.6
B29A	Wagenman Farm,	115.89	30	P	PKIKP	14 57 10.9	+0.4
214A	Organ Pipe Nat	115.98	52	P	PKIKP	14 57 12.5	+1.3
MVO	Monrovia	115.98	320	ePKPdif	PKPdif	14 57 11.9	+0.9
X16A	Lo Mia Camp, P	116.01	48	ePKPdif	PKPdif	14 57 13.6	+2.2
PV05	Paradox Valley	116.04	44	ePKPdif	PKPdif	14 57 13.1	+1.7
E27A	Carson	116.06	33	P	PKIKP	14 57 12.0	+1.0
RSSD	Black Hills	116.06	36	P	PKIKP	14 57 11.5	+0.2
RSSD	Black Hills	116.06	36	ePKPdif	PKPdif	14 57 11.2	-0.1
RSSD	Black Hills	116.06	36	ePKPdif	PKPdif	14 57 11.2	-0.1
A30A	Hoffart Farm,	116.09	29	P	PKIKP	14 57 11.2	+0.3
D28A	Regan	116.11	32	P	PKIKP	14 57 12.0	+0.9
F27A	Lemmon	116.16	33	P	PKIKP	14 57 11.8	+0.6
MDND	Maddock	116.18	31	P	PKIKP	14 57 11.6	+0.4
MDND	Maddock	116.18	31	ePKPdif	PKPdif	14 57 12.0	+0.8
G26A	Maurine	116.19	34	P	PKIKP	14 57 11.7	+0.4
I25A	Rochford	116.30	36	P	PKIKP	14 57 11.9	+0.2
ULM	Lac du Bonnet	116.37	27	PKP	PKPdif	14 57 11.3	0.0
ULM	comp-Z, 5.3nm, 1.0s, baz=308, slow=2.9, SNR=21				PP		
ULM	comp-Z, 8.2nm, 0.9s, baz=326, slow=6.8, SNR=2.0				PKKPbc		
ULM	comp-Z, 11nm, 0.6s, baz=118, slow=3.3, SNR=7.4				PKKPbc		
ULM	comp-Z, 16nm, 0.8s, baz=123, slow=4.4, SNR=5.8				PKKPbc		
PCAB	Cabril	116.32	321	ePKPdif	PKPdif	14 57 13.5	+1.9
PGAV	Gaviera, Arco	116.32	321	ePKPdif	PKPdif	14 57 12.8	+1.1
PLO	Lamas de Ojo	116.36	321	ePKPdif	PKPdif	14 57 14.4	+0.6
POL	Polo	116.36	321	ePKPdif	PKPdif	14 57 13.7	+1.3
PVRL	Vila Real	116.36	320	ePKPdif	PKPdif	14 57 14.4	+2.7
B30A	Myrvik Farm, E	116.41	29	P	PKIKP	14 57 11.9	+0.3
E28A	Huff	116.44	32	P	PKIKP	14 57 12.3	+0.7
H26A	Fairpoint	116.50	35	P	PKIKP	14 57 12.4	+0.5
G27A	Dupree	116.51	34	P	PKIKP	14 57 12.0	+0.1
J25A	Sunshine Ranch	116.53	37	P	PKIKP	14 57 12.5	+0.3
D29A	Pettibone, Tap	116.70	31	P	PKIKP	14 57 12.4	+0.2
N23A	Red Feather La	116.70	40	P	PKIKP	14 57 13.0	+0.3
N23A	Red Feather La	116.70	40	ePKPdif	PKPdif	14 57 13.7	+1.0
MTE	Manteigas	116.72	320	ePKPdif	PKPdif	14 57 14.2	+1.8
MTE	Manteigas	116.72	320	eP	PKPdif	14 57 30.2	+0.6
MTE	Manteigas	116.72	320	ePKPdif	PKPdif	14 57 13.7	+1.3
MTE	Manteigas	116.72	320	eP	PKPdif	14 58 32.2	+2.7
B31A	Greenbush Farm	116.76	29	P	PKIKP	14 57 12.4	+0.2
PV15	Visu	116.78	320	ePKPdif	PKPdif	14 57 12.9	+0.4
PHWY	Pilot Hill	116.78	39	ePKPdif	PKPdif	14 57 13.9	+0.4
I26A	New Underwood	116.80	35	P	PKIKP	14 57 12.9	+0.3
F28A	McLaughlin	116.84	33	P	PKIKP	14 57 12.9	+0.4
C30A	Mose, Pekin	116.84	30	P	PKIKP	14 57 12.7	+0.3
MVCO	Mesa Verde						

Table with columns: ID, Name, Time, Distance, Height, Sex, and Score. Rows include Sharon Springs, 4D Ranch, Hueftle Ranch, Verdigre, EROS Data Cent, Watkins, Milaca, Davis, Wrenshall, Altnord, Grand Marais, Hadley, Schefferville, Hadley, SchO, Hadley, SchO, M31A, H35A, R28A, O30A, L32A, G36A, LP1G, Q29A, K33A, N31A, P30A, J34A, S28A, BGNE, R29A, L33A, O31A, I35A, H36A, SPMN, SPMN, Q30A, K32A, N34A, J35A, M33A, P31A, S29A, I36A, MNTX, MNTX, H37A, T29A, R30A, L34A, O32A, CBKS, CBKS, K35A, Q31A, I37A, J36A, M34A, N32A, P32A, S30A, L35A, U29A, R31A, O33A, T30A, J37A, K36A, N34A, I38A, M35A, MSTX, U30A, L36A, P33A, R32A, S31A, O34A, K37A, AMTX, AMTX, Q33A, T31A.

Table with columns: ID, Name, Time, Distance, Height, Sex, and Score. Rows include Wedel Dairy, Tabor, Spur Ranch, Newby Ranch, Felix, Anita, Phoenix Unit, Walnut Farm, Humboldt, Nine Bar Ranch, Olander Ranch, Parkersburg, Huddler Ranch, Muff Farm, Crockett Farms, Trindle Farm, Chapman, Oak Wood Farm, Kansas State, Kansas State, Spring Creek, State Center, Coker Ranch, Duane Minner, Kaszmaul Farm, Isabella, Hill, Winter Ranch, Patterson Ranch, Lee Faris, Holland Ranch, Bolckow, Stafford Cattl, Pleasantville, Good Intent, Mercer Eighty, Arapaho, McDonald Ranch, Willow Spring, Lajitas Ar, Lajitas Array, Wolfen Farm, Limgo Farm, Emporia Munci, Rekieta Farm, Arnold C, Orve, Sentinel, Joe South For, McClaskey Farm, Lathrop, Lossen Ranch, Otter Creek Ra, Anderson Ranch, Anderson Ranch, Derby Farms, Galt, Elmer, Gordon, Harris, Caddo, Fort Co, R-V Farms, Longview Farm, Val d'Or, Dawn, Sooner Cattle, Guthrie, Guthrie, Lake Cedric, Kirksville, Teagarden Farm, Lawton, Pawnee, Haskell, Bridge Creek, Boggs Farm, Bronte, Cooks Store, Hilltop Ranch, Abilene, Hawle, Fort Scott, Salsbury, Meyer Ranch, La Belle, Smith Ranch, Willow Grove, Whitaker Ranch, Fenwick Farm.

Table with columns: ID, Name, Time, Distance, Height, Sex, and Score. Rows include Oologah, Cheneyville, Par, Tecumseh, Coleman, Hamilton Ranch, Reagan Ranch, Jenks, Leonard, Leonard, Stockton, Chumby, Stover, Salina, Laux Farm, Laux Farm, Gollie Ranch, Drake, Diamond, Wetumka, Rising Star, Bolivar, Hulbert, Marietta, Junction City, Junction City, Centrahoma, Hopedale, Hopedale, White-Moore Ra, Maddies Statio, Gravette, Richard Sprin, PMPRS, Perchaven, San Quinton, Clever, Deer Lake, Kosan Boka, Clairette, Art, Dimboko, Dimboko, Lebanon, Canehill, Durant, Wickery Place, Toumoudi, Lamto, Clayton, Lometa, Green Forest, La Malbaie, Mansfield, PMAR, PMAR, Blue Ridge, Kerrville, Lake Whitney, Lake Whitney, P.MOZ, Hugo, Poteau, SADO, Burnet, Pettigrew, Whitesboro, Saathoff Ranch, Faith Ranch, Yellville, Ennis, Blanco, Moody, Lafayette, Magazine, Ann Arbor, Ann Arbor, Divot King Ran, Pogue Cattle, Jarrell, Chaparral WMA, Katherine and, Fountain Ranch, Zacatecas, Riesel, Heron Place, China Grove, Ferguson Farm, Mt. Pleasant, La Parita Cree, Mount Ida, Dale, Dale.

Table with columns: MNT, Montreal, 128.40, 15, ePKPpre, PKPpre, 14 57 27.9, etc. Lists various stations and their frequencies.

Table with columns: MONT, Monteria, Cord, 157.35, 55, eP, PKPpdf, 14 58 23.3 -1.1, etc. Lists stations in Monteria and Cord.

MEX 10 14:41:30.2-0.3, 16.94N-100.15W, h9km, 3km, MD3.9, Near coast of Guerrero

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Lists stations like CAIG, CAIG, ACAP, etc.

KLM 10 14:41:48.1, 4.14N; 122.98E, h346km, mb6.5, MS7.6
MOS 10 14:41:58.8, 0.1, 4.12N; 123.04E, h527km, mb6.2/38, MS5.6/59, Error ellipse: s-maj=7.8km s-min=4.3km

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Lists stations like ZMHP, ZMHP, ZMHP, etc. Includes Celebes Sea and other regional stations.

10d 14h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like ERKS, MSFV, KBL, SEM, ZALV, etc.

2011 FEB

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

500

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

Table with columns: CLL, Colim, 99.20 323, i (sPdf), Pdf, 14 54 43.8 -0.3, etc. Lists various astronomical objects and their properties.

Table with columns: B05A, Bryant, 103.19 39, P, Pdf, 14 55 03.3 +1.4, etc. Lists astronomical objects and their properties.

Table with columns: FRB, comp=Z, 6.1nm, 0.8s, baz=119, slow=4.5, SNR=6.1, PKKPbc, PKKPbc, 15 10 27.9 -3.1, etc. Lists astronomical objects and their properties.

10d 14h

2011 FEB

504

Table with columns for race ID, name, date, time, distance, surface, class, and various performance metrics. Includes entries for horses like Mose, Mesa Verde, Huetfle Ranch, and many others.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LPAZ, SIV, EFI, SPB, SAML, etc.

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

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

10d 18h

2011 FEB

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Cape Kidnapper, Pawanui, Pori Road, Rawiri, Porangahau, etc.

Table with columns: SVKR, Severomysky, KMO, Kumora, NLYR, Nelyaty, etc. Includes various station codes and their associated data.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Uoyan, 595nm, 0.2s, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like David-gareji, Oni, Derbent, etc.

TIF 10 18:00:18.0, 43.38N, 46.16E, h16km, 4km
ISCBJ 10 18:00:20.6, 0.6, 43.2N, 0.03:46.10E, 0.03, h15km, 5km,
Error ellipse: s-maj=5.8km s-min=3.1km az=16.7
MOS 10 18:00:21.3, 1.0, 43.26N, 45.97E, h17km, mb4.1/1, Error
ellipse: s-maj=7.6km s-min=5.9km az=20.8

ISCJB 10 19:13:45.1±0.7,6.77N:0.04±0.73,07W:0.05,h153km,6km, mb3.1/1, Error ellipse: s-maj=8.7km s-min=4.5km az=30.1

FUNV 10 19:13:45.5±0.7,6.79N:73.20W,h156km,MW3.4 RSNC 10 19:13:48.1±1.0,6.75N:73.13W,h133km,7km,ML3.3

IDC 10 19:13:49.4±6.3,6.74N:75.31W,h147km,91km,mb2.8/1, mb1.3/2.2,mb1mx2.8/2.4,mb1mp3.3/2, Error ellipse: s-maj=29.6km s-min=34.7km az=84.0

ISC 10 19:13:45.1±1.0,6.79N:0.04±0.73,07W:0.05,h153km,7km, n23,c1818/37,1C,Northern Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include BARC, GIRC, RUSC, GRMC, GUEC, CAPV, OCAC, YOPC.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include NORC, CHIC, ROSC, YOPC.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include NORC, CHIC, ROSC, YOPC.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include ROSC, YOPC.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include HELC, VIGV, SOCV, YKCA.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include VIGV, SOCV, YKCA.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include YKCA, ASAR, WRA.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include ASAR, WRA.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include ASAR, WRA.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include ASAR, WRA.

IDC 10 19:27:16.0±0.5,9.14N:92.55E,h0km,mb4.2/1, mb1.4/2.23,mb1mx1.4/1.7,mb1mp4.2/2.3,ML4.0/2, Error ellipse: s-maj=19.7km s-min=13.0km az=52.0

ISCJB 10 19:27:18.0±0.3,9.08N:0.04±0.92,53E:0.05,h31km, mb4.2/2.8, Error ellipse: s-maj=8.1km s-min=5.0km az=139.8

NEIC 10 19:27:20.2±2.3,9.12N:92.55E,h28km,16km,mb4.4/9, Error ellipse: s-maj=8.9km s-min=6.9km az=49.0

ISC 10 19:27:20.8±0.4,9.13N:0.07±0.92,55E:0.07,h31km,n75,c0598/76,mb4.2/30,2C-2D,Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include CMAR, PBA, DGPR, KULM.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include CMAR, PBA, DGPR, KULM.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include CMAR, PBA, DGPR, KULM.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include CMAR, PBA, DGPR, KULM.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include CMAR, PBA, DGPR, KULM.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include CMAR, PBA, DGPR, KULM.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include CMAR, PBA, DGPR, KULM.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include CMAR, PBA, DGPR, KULM.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include CMAR, PBA, DGPR, KULM.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include CMAR, PBA, DGPR, KULM.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include CMAR, PBA, DGPR, KULM.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include CMAR, PBA, DGPR, KULM.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include CMAR, PBA, DGPR, KULM.

Table with columns: MKAR, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include Makanchi Array, Karatay Arr.

Table with columns: SONM, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include Songoing Array.

Table with columns: UNLM, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include Ulanbator, GEYT.

Table with columns: FITZ, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include Fitzroy Crossi, KSAR.

Table with columns: KURS, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include Kurchatov, ZALV.

Table with columns: BRVK, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include Borovoye, ABKAR.

Table with columns: MJAR, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include Matsuyiro Arr, AKTO.

Table with columns: WRA, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include Warramunga Arr, WRAP.

Table with columns: ARU, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include Aru, BRTR.

Table with columns: STKA, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include Stephens Creek, TIXI.

Table with columns: VRI, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include Vrincoiaia, TESOR.

Table with columns: MLR, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include Muntele Rosu, FINES.

Table with columns: ARCES, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include ARCES Array B, BOSCA.

Table with columns: GERES, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include GERES Array B, DZM.

Table with columns: KEST, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include Kesra, TORI.

Table with columns: ILAR, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include Eielson Array, YKA.

Table with columns: PDAR, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include Pinedale Array, NVAR.

Table with columns: TXAR, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include Lajitas Array, PLCA.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include CTA, STKA.

Table with columns: ASAR, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include Alice Springs, WRA.

Table with columns: FITZ, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include Fitzroy Crossi, MKAR.

IDC 10 19:44:08.2±5.2,5.00S:132.81E,h0km,mb3.5/1, mb1.3/7.3,mb1mx3.2/3.8,mb1mp3.5/3,ML3.7/2, Error ellipse: s-maj=321.3km s-min=31.7km az=76.0,Irian Jaya region

Table with columns: WRA, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include Warramunga Arr, ASAR.

Table with columns: MKAR, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include Makanchi Array, KRNET.

IDC 10 19:50:07.8±1.1,45.80N:107.00W,h0km,mb1.3/2.4, mb1mx3.1/4.5,mb1mp2.9/4,ML2.8/4, Error ellipse: s-maj=17.3km s-min=9.4km az=124.0

NEIC 10 19:50:10.3±0.8,45.85N:106.66W,h0km,ML2.7, Error ellipse: s-maj=12.0km s-min=8.8km az=139.0, Suspected Ming explosion

NEIC 5 km [3 miles] SW of Colstrip, ISC 10 19:50:08.4±1.0,45.95N:0.06±0.106,90W:0.06,h0km,n23,c1867/23, Montana

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include RLMT, RSSD, LKWY.

Table with columns: K22A, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include Casper, BOZ.

Table with columns: QLMT, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include Earthquake Lak, MOHW.

Table with columns: PDAR, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include Pinedale Array, PDAR.

Table with columns: PDAR, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include Pinedale Array, PDAR.

Table with columns: PDAR, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include Pinedale Array, PDAR.

Table with columns: PDAR, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include Pinedale Array, PDAR.

Table with columns: PDAR, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include Pinedale Array, PDAR.

Table with columns: PDAR, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include Pinedale Array, PDAR.

Table with columns: PDAR, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include Pinedale Array, PDAR.

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Table with columns: PDAR, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include Pinedale Array, PDAR.

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Table with columns: PDAR, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include Pinedale Array, PDAR.

Table with columns: PDAR, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include Pinedale Array, PDAR.

Table with columns: PDAR, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include Pinedale Array, PDAR.

Table with columns: PDAR, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Rows include Pinedale Array, PDAR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HJH Hachijo jima, KSAR Wonju Array, KSRS Korea Array, etc.

ISCJB 10 20:29:56.7±0.9, 27.17N±0.10, 143.55E±0.08, h10km, mb4.0/5, Error ellipse: s-maj=14.3km s-min=9.7km az=179.4

IDC 10 20:29:56.6±1.5, 27.20N±1.43, 66E, h0km, mb3.9/4, mb1.4/0.5, mb1mx3.5/47, mbtmp3.8/5, ML3.3/1, Error ellipse: s-maj=38.8km s-min=23.7km az=80.0

NEIC 10 20:29:58.8±1.0, 27.14N±1.43, 48E, h10km, mb4.4/1, Error ellipse: s-maj=18.9km s-min=13.8km az=69.0

ISC 10 20:29:58.8±1.2, 27.11N±1.43, 49E±0.09, h10km, n9, ±0.89/1.1, mb4.3, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CBIJ Chichi jima, CBIJ Chichijima, CJJ Chichijima, etc.

IDC 10 20:41:50.0±7.5, 22.12N±14.271E, h265km, 76km, mb3.3/8, mb1.3/5.9, mb1mx3.1/37, mbtmp3.9/9, Error ellipse: s-maj=25.7km s-min=19.4km az=99.0, Volcano Islands region

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

ISCJB 10 21:12:11.1±0.5, 29.32N±0.04, 130.0E±0.1, h59km, 5km, mb3.5/8, Error ellipse: s-maj=15.6km s-min=4.3km az=21.7

JMA 10 21:12:11.5±0.1, 29.33N±129.99E, h53km±4km, M3.4 az=21.7

IDC 10 21:12:13.8±1.4, 29.28N±129.86E, h68km±13km, mb3.2/8, mb1.3/4/10, mb1mx3.3/42, mbtmp3.6/10, Error ellipse: s-maj=23.9km s-min=8.4km az=107.0

ISC 10 21:12:11.7±1.1, 29.30N±0.04, 129.98E±0.09, h47km±10km, n21, ±152/428, mb3.5/8, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JNN Nakanoshima, JTAJ Takarajima, JAM Amami Oshima, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JUNU, SONM Songino Array, MKAR Makanchi Array, etc.

JMA 10 21:16:03.2±0.2, 37.42N±144.23E, h46km, M4.4, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JIO Ouri, OFUJ Ofunato, JFK Kawauchi, etc.

CSEM 10 21:25:39.8±0.4, 34.18N±2.71W, h10km, MD3.6, Error ellipse: s-maj=10.3km s-min=5.3km az=127.0

MDD 10 21:25:40.1±0.7, 34.23N±2.76W, h0km, mb4.0/33, Error ellipse: s-maj=10.7km s-min=4.9km az=115.0, PRXIMO CNRM 10 21:25:42.2, 34.43N±2.86W, h35km, MD3.6

IDC 10 21:25:45.7±1.4, 34.68N±2.75W, h0km, mb3.1/2, mb1.3/3/4, mb1mx3.1/54, mbtmp3.2/4, ML3.8/2, MS3.2/1, MS1.3/2/1, ms1mx5.2/4, Error ellipse: s-maj=38.5km s-min=16.1km az=124.0

CRAAG 10 21:25:47.0, 34.69N±2.65W, M4.1 LDG 10 21:25:47.5±0.4, 34.78N±2.65W, h30km, M3.1/4, Error ellipse: s-maj=8.2km s-min=4.4km az=165.0

INMG 10 21:25:48.5±1.5, 34.75N±2.59W, h15km±6km, ML2.6, Error ellipse: s-maj=7.3km s-min=4.3km az=121.0

SFS 10 21:25:48.0, 34.70N±2.64W, h13km, ML4.1 ISC 10 21:25:40.2±0.7, 34.29N±0.02, 2.91W±0.03, h11km±4km, n130, ±1956/115, 2C, Morocco

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZAI Zaio, MELI Melilla, EMEL Melilla, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like EQU, EQU Quantar, EGOR Sierra Gorda, etc.

Table with columns: EPLA, Plascencia, 6.30 337 P, Pn, 21 27 15.9 +2.9, etc. Includes various station codes and coordinates.

ISK 10 21:38:06.3, 39.64N, 38.96E, h29km, MD2.4
DDA 10 21:38:09.0, 39.45N, 39.01E, h7km, MD2.6
ISCJB 10 21:38:09.0, 39.45N, 39.01E, h7km, MD2.6

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Lists various stations and their parameters.

ISCJB 10 21:57:23.6, 40.4, 49.86N, 0.03, 18.48E, 0.03, h0km, Error
CSEM 10 21:57:24.8, 0.2, 49.82N, 18.50E, h1km, ML2.5/6, Error

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Lists various stations and their parameters.

Table with columns: DPC, Dobruska-Polom, 1.52 291 ePg, Pn, 21 57 53.1 -0.4, etc. Includes various station codes and coordinates.

BJI 10 22:02:20.5, 23.35S, 179.40W, h534km, mb4.7/26, mB5.1/17
ISCJB 10 22:02:21.6, 0.6, 23.41S, 0.03, 179.87W, 0.04, h524km, 7km, mb4.7/98, Error ellipse: s-maj=5.8km

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Lists various stations and their parameters.

ISC 10 22:02:22.1, 1.1, 23.29S, 179.85W, h529km, mb4.6/13, Error ellipse: s-maj=10.8km s-min=-9.8km az=166.9
NEIC 10 22:02:25.0, 0.2, 23.42S, 179.83W, mb4.9/66, Error ellipse: s-maj=6.1km s-min=-4.5km az=127.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Lists various stations and their parameters.

ISC 10 21:38:09.0, 39.44N, 0.03, 38.98E, 0.03, h9km, n13, +0853/20, Turkey

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Lists various stations and their parameters.

Large table with columns: ARMA, Armidale, 26.35 249 eP, P, 22 07 17.5 +0.7, etc. Includes various station codes and coordinates.

Table with columns: ILB, Eielson Array, 59.75, 27, eP, 00 58 35.4 +1.2, etc.

az=143.0
GCMT 11 01:29:26.0, 5.0, 14.90S:177.52W, h365km, 3km,
MW5.2/55, Moment Tensor Solution. s55,c68; Duration:
0 Moment tensor: Scale 10^19Nm; Mr=4.25; 37;
Mo=1.28; 72; Mo=5.53; 53; Mo=2.11; 58; Mo=1.46; 54;
Mo=4.67; 49; Best double couple: Mo7.21900x10^16
NP1: 23.00000, 68.00000, -1.15.00000. Principal axes:
T 7.9080, P1g23.0000, Azm104.0000; N -1.3790,
P1g10.0000, Azm199.0000; P -6.5290, P1g65.0000,
Azm311.0000; Insl1 refers to body waves, cutoff=40s.
BJL 11 01:29:26.2, 14.48S:177.43W, h353km, mb4.8/46,
mB5.0/27

ISC 11 01:29:26.2-0.5, 15.11S:005:177.59W, 0.04,
h359km, 4km, n904, c1s14/914, mb4.9/253, 51C-26D, Fiji
Islands region

Main table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like AFI Afiamalu, AFI Afiamalu, AFI Afiamalu, etc.

ISC/JB 11 01:23:12.5, 0.6, 19.38S:0.05:69.17W, 0.07, h99km,
mb3.6/4, Error ellipse: s-maj=10.3km s-min=6.7km
az=21.3

GUC 11 01:23:14.1, 0.3, 19.47S:69.46W, h99km, 3km, ML3.9
IDC 11 01:23:15.2, 1.8, 19.48S:69.10W, h116km, 16km, mb3.5/5,
mb1.3/5.6, mb1mx3.3/3.1, mbtmp3.6/6, MS2.0/1, Ms1.2/1.1,
ms1mx2.2/1/24, Error ellipse: s-maj=32.5km s-min=13.8km
az=103.0

ISC 11 01:23:13.3, 0.9, 19.41S:0.06:69.3W, 0.1, h99km, n19,
c1s18/18, mb3.6/4, 2C, Northern Chile

Main table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like MNMC Minye Minye, MNMC Minye, MNMC Minye, etc.

IDC 11 01:24:25.9, 2.2, 4.59N:122.88E, h0km, mb3.6/3,
mb1.3/8.3, mb1mx3.4/4.4, mbtmp3.6/3, MS3.4/2, Ms1.3/4.2,
ms1mx2.7/3.8, Error ellipse: s-maj=331.7km
s-min=26.0km az=63.0, Celebes Sea

Main table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like JOW Kunigami, JOW Kunigami, JOW Kunigami, etc.

MOS 11 01:29:24.3, 1.3, 14.97S:177.68W, h346km, mb5.0/40,
Error ellipse: s-maj=8.5km s-min=7.3km az=142.1

ISC/JB 11 01:29:24.3, 0.7, 15.04S:0.04:177.67W, 0.02,
h344km, 6km, mb4.8/253, Error ellipse: s-maj=6.2km
s-min=3.2km az=158.9

IDC 11 01:29:25.2, 1.0, 15.08S:177.60W, h348km, 10km,
mb4.3/36, mb1.4/4.39, mb1mx4.3/4.5, mbtmp5.0/39, Error
ellipse: s-maj=10.1km s-min=6.8km az=143.0

NEIC 11 01:29:26.5, 0.5, 15.04S:177.70W, h356km, 4km,
mb4.8/163, Error ellipse: s-maj=4.8km s-min=3.0km

Table with columns: AAI Ambon, 54.54, 276, P, P, 01 38 21.1 +2.2, etc.

az=143.0
GCMT 11 01:29:26.0, 5.0, 14.90S:177.52W, h365km, 3km,
MW5.2/55, Moment Tensor Solution. s55,c68; Duration:
0 Moment tensor: Scale 10^19Nm; Mr=4.25; 37;
Mo=1.28; 72; Mo=5.53; 53; Mo=2.11; 58; Mo=1.46; 54;
Mo=4.67; 49; Best double couple: Mo7.21900x10^16
NP1: 23.00000, 68.00000, -1.15.00000. Principal axes:
T 7.9080, P1g23.0000, Azm104.0000; N -1.3790,
P1g10.0000, Azm199.0000; P -6.5290, P1g65.0000,
Azm311.0000; Insl1 refers to body waves, cutoff=40s.
BJL 11 01:29:26.2, 14.48S:177.43W, h353km, mb4.8/46,
mB5.0/27

ISC 11 01:29:26.2-0.5, 15.11S:005:177.59W, 0.04,
h359km, 4km, n904, c1s14/914, mb4.9/253, 51C-26D, Fiji
Islands region

Main table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like AFI Afiamalu, AFI Afiamalu, AFI Afiamalu, etc.

ISC/JB 11 01:23:12.5, 0.6, 19.38S:0.05:69.17W, 0.07, h99km,
mb3.6/4, Error ellipse: s-maj=10.3km s-min=6.7km
az=21.3

GUC 11 01:23:14.1, 0.3, 19.47S:69.46W, h99km, 3km, ML3.9
IDC 11 01:23:15.2, 1.8, 19.48S:69.10W, h116km, 16km, mb3.5/5,
mb1.3/5.6, mb1mx3.3/3.1, mbtmp3.6/6, MS2.0/1, Ms1.2/1.1,
ms1mx2.2/1/24, Error ellipse: s-maj=32.5km s-min=13.8km
az=103.0

ISC 11 01:23:13.3, 0.9, 19.41S:0.06:69.3W, 0.1, h99km, n19,
c1s18/18, mb3.6/4, 2C, Northern Chile

Main table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like AAI Ambon, AAI Ambon, AAI Ambon, etc.

IDC 11 01:24:25.9, 2.2, 4.59N:122.88E, h0km, mb3.6/3,
mb1.3/8.3, mb1mx3.4/4.4, mbtmp3.6/3, MS3.4/2, Ms1.3/4.2,
ms1mx2.7/3.8, Error ellipse: s-maj=331.7km
s-min=26.0km az=63.0, Celebes Sea

Main table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like AAI Ambon, AAI Ambon, AAI Ambon, etc.

MOS 11 01:29:24.3, 1.3, 14.97S:177.68W, h346km, mb5.0/40,
Error ellipse: s-maj=8.5km s-min=7.3km az=142.1

ISC/JB 11 01:29:24.3, 0.7, 15.04S:0.04:177.67W, 0.02,
h344km, 6km, mb4.8/253, Error ellipse: s-maj=6.2km
s-min=3.2km az=158.9

IDC 11 01:29:25.2, 1.0, 15.08S:177.60W, h348km, 10km,
mb4.3/36, mb1.4/4.39, mb1mx4.3/4.5, mbtmp5.0/39, Error
ellipse: s-maj=10.1km s-min=6.8km az=143.0

NEIC 11 01:29:26.5, 0.5, 15.04S:177.70W, h356km, 4km,
mb4.8/163, Error ellipse: s-maj=4.8km s-min=3.0km

Table with columns: AAI Ambon, 54.54, 276, P, P, 01 38 21.1 +2.2, etc.

az=143.0
GCMT 11 01:29:26.0, 5.0, 14.90S:177.52W, h365km, 3km,
MW5.2/55, Moment Tensor Solution. s55,c68; Duration:
0 Moment tensor: Scale 10^19Nm; Mr=4.25; 37;
Mo=1.28; 72; Mo=5.53; 53; Mo=2.11; 58; Mo=1.46; 54;
Mo=4.67; 49; Best double couple: Mo7.21900x10^16
NP1: 23.00000, 68.00000, -1.15.00000. Principal axes:
T 7.9080, P1g23.0000, Azm104.0000; N -1.3790,
P1g10.0000, Azm199.0000; P -6.5290, P1g65.0000,
Azm311.0000; Insl1 refers to body waves, cutoff=40s.
BJL 11 01:29:26.2, 14.48S:177.43W, h353km, mb4.8/46,
mB5.0/27

ISC 11 01:29:26.2-0.5, 15.11S:005:177.59W, 0.04,
h359km, 4km, n904, c1s14/914, mb4.9/253, 51C-26D, Fiji
Islands region

Main table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like AAI Ambon, AAI Ambon, AAI Ambon, etc.

ISC/JB 11 01:23:12.5, 0.6, 19.38S:0.05:69.17W, 0.07, h99km,
mb3.6/4, Error ellipse: s-maj=10.3km s-min=6.7km
az=21.3

GUC 11 01:23:14.1, 0.3, 19.47S:69.46W, h99km, 3km, ML3.9
IDC 11 01:23:15.2, 1.8, 19.48S:69.10W, h116km, 16km, mb3.5/5,
mb1.3/5.6, mb1mx3.3/3.1, mbtmp3.6/6, MS2.0/1, Ms1.2/1.1,
ms1mx2.2/1/24, Error ellipse: s-maj=32.5km s-min=13.8km
az=103.0

ISC 11 01:23:13.3, 0.9, 19.41S:0.06:69.3W, 0.1, h99km, n19,
c1s18/18, mb3.6/4, 2C, Northern Chile

Main table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like AAI Ambon, AAI Ambon, AAI Ambon, etc.

IDC 11 01:24:25.9, 2.2, 4.59N:122.88E, h0km, mb3.6/3,
mb1.3/8.3, mb1mx3.4/4.4, mbtmp3.6/3, MS3.4/2, Ms1.3/4.2,
ms1mx2.7/3.8, Error ellipse: s-maj=331.7km
s-min=26.0km az=63.0, Celebes Sea

Main table with columns: Code, Station Name, Az, AZ, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like AAI Ambon, AAI Ambon, AAI Ambon, etc.

MOS 11 01:29:24.3, 1.3, 14.97S:177.68W, h346km, mb5.0/40,
Error ellipse: s-maj=8.5km s-min=7.3km az=142.1

ISC/JB 11 01:29:24.3, 0.7, 15.04S:0.04:177.67W, 0.02,
h344km, 6km, mb4.8/253, Error ellipse: s-maj=6.2km
s-min=3.2km az=158.9

IDC 11 01:29:25.2, 1.0, 15.08S:177.60W, h348km, 10km,
mb4.3/36, mb1.4/4.39, mb1mx4.3/4.5, mbtmp5.0/39, Error
ellipse: s-maj=10.1km s-min=6.8km az=143.0

NEIC 11 01:29:26.5, 0.5, 15.04S:177.70W, h356km, 4km,
mb4.8/163, Error ellipse: s-maj=4.8km s-min=3.0km

TRTT	Trang	85.06	279	P	P	01 41 24.8 +1.8
SMCO	Snowmass	85.06	47	eP	P	01 41 24.3 +1.2
SMCO	Xi'an	85.20	307	eP	pP	01 42 47.4 +1.4
XAN				P	P	01 41 24.2 +0.8
XAN				pP	pP	01 42 48.1 +1.7
XAN	comp=Z,12nm,1.4s			pmax	pmax	
XAN						
NAYO	Nakonayok	85.33	286	P	P	01 41 26.1 +1.8
GSI	Gunungstoli	85.35	273	eP	P	01 41 26.2 +1.7
SDCO	Great Sand Dun	85.55	49	P	P	01 41 25.7 +0.4
SDCO	Great Sand Dun	85.55	49	eP	P	01 41 26.2 +0.8
KCSI	Kotacane, Aceh	85.74	275	P	P	01 41 27.9 +1.4
HHC	Hu-ho-hao-te	85.89	314	eP	P	01 41 27.7 +1.0
HHC				S	S	01 51 28.8 -0.5
HHC				pmax	pmax	
HHC	comp=Z,23nm,1.5s					
HHC	comp=Z,130nm,7.5s			pmax	pmax	
RLMT	Red Lodge	86.01	41	P	P	01 41 28.3 +1.0
RLMT	Red Lodge	86.01	41	eP	P	01 41 28.6 +1.3
T25A	Trinidad	86.12	50	P	P	01 41 28.9 +0.8
MSTX	Muleshoe	86.21	53	P	P	01 41 28.6 +0.2
TPTI		86.24	274	P	P	01 41 31.2 +2.3
PBKT	Sadao Pong	86.31	288	P	P	01 41 30.7 +1.7
PBKT	Sadao Pong	86.31	288	P	P	01 41 30.9 +1.9
N23A	Red Feather La	86.47	46	P	P	01 41 30.3 +0.6
PHET	Kaeng Krachan	86.51	284	P	P	01 41 32.7 +2.6
832A	Faith Ranch, C	86.53	60	P	P	01 41 30.8 +0.9
MAW	Mawson	86.74	200	P	P	01 41 32.1 +2.0
MAW	Mawson	86.74	200	eP	P	01 41 32.2 +2.0
MAW	Mawson	86.74	200	eP	P	01 41 32.2 +2.0
MAW	Mawson	86.74	200	eP	pmax	
K22A	Casper	86.77	44	P	P	01 41 31.3 +0.4
UTTA	Uttarakit	87.02	289	P	P	01 41 34.6 +2.2
NANT	Nan	87.19	290	P	P	01 41 35.1 +1.8
MLSI	Meulaboh, Aceh	87.25	275	P	P	01 41 35.2 +1.5
KMI	Kunming	87.27	297	P	P	01 41 35.7 +1.9
KMI				S	S	01 51 43.3 0.0
KMI				pmax	pmax	
YAK	Yakutsk	87.29	338	eP	P	01 41 31.5 -1.2
YAK				pmax	pmax	
AMTZ	Amarillo	87.37	53	P	P	01 41 34.1 +0.2
EDM	Edmonton	87.40	33	eP	P	01 41 33.6 +0.2
EDM	Edmonton	87.40	33	eP	pmax	
EDM	Edmonton	87.40	33	eP	pmax	
UTHA	Uthaitani	87.42	287	P	P	01 41 36.2 +1.8
SUKH	Sukhothai	87.79	289	P	P	01 41 38.5 +2.4
232A	Coleman	87.97	56	P	P	01 41 37.5 +0.8
433A	Art	88.05	58	P	P	01 41 37.4 +0.3
LAMP	Lampang	88.08	290	P	P	01 41 39.7 +2.2
UMPA	Umpang Tak	88.14	287	P	P	01 41 40.8 +3.0
Y31A	Rekieta Farm,	88.16	54	P	P	01 41 38.1 +0.5
ABTX	Abilene, Hawle	88.21	56	P	P	01 41 38.7 +0.8
CD2	Chengdu	88.23	303	P	P	01 41 37.8 -0.1
CD2				eP	pP	01 43 40.2 +1.3
CD2				PP	PP	01 45 10.7 -0.6
CD2				SKS	SKS	01 51 30.3 -1.7
CD2				S	S	01 51 51.0 -0.7
CD2				sS	sS	01 54 21.5 +1.4
CD2				SS	SS	01 57 50.9 +0.1
CD2	comp=Z,20nm,1.2s			pmax	pmax	
CD2	comp=Z,190nm,5.0s					
V30A	Spur Ranch, Mi	88.33	58	P	P	01 41 39.3 +0.9
R28A	Tribune	88.48	50	P	P	01 41 40.2 +1.1
X31A	McDonald Ranch	88.61	54	P	P	01 41 40.3 +0.6
233A	Rising Star	88.61	56	P	P	01 41 40.5 +0.8
CMAR	Chiang Mai Arr	88.69	289	P	P	01 41 42.2 +1.9
434A	Burnet	88.74	58	P	P	01 41 40.9 +0.5
S29A	Ulysses	88.74	51	P	P	01 41 41.6 +1.4
133A	Hamilton Ranch	88.79	56	P	P	01 41 41.5 +1.0
CHTO	Chiang Mai	88.79	290	P	P	01 41 42.2 +1.4
CHTO	Chiang Mai	88.79	290	P	P	01 41 42.5 +1.7
CHTO	Chiang Mai	88.79	290	eP	P	01 41 42.2 +1.4
CHTO	Chiang Mai	88.79	290	eP	pmax	
CHTO	Chiang Mai	88.79	290	eP	pmax	
W31A	Holland Ranch,	88.82	53	P	P	01 41 41.6 +1.0
Y32A	R-V Farms, Ver	88.82	54	P	P	01 41 40.9 +0.3
J25A	Sunshine Ranch	88.90	44	P	P	01 41 40.9 0.0
334A	Lometa	88.93	57	P	P	01 41 42.0 +0.8
INK	Inuvik	89.00	15	P	P	01 41 39.5 -1.1
INK	Inuvik	89.00	15	eP	P	01 41 40.0 -0.6
INK	Inuvik	89.00	15	eP	pmax	
INK	Inuvik	89.00	15	eP	pmax	
CMAI	Chiangmai2	89.01	291	P	P	01 41 43.5 +1.5
RSSD	Black Hills	89.01	44	P	P	01 41 41.8 +0.3
RSSD	Black Hills	89.01	44	eP	P	01 41 41.9 +0.3
RSSD	Black Hills	89.01	44	eP	pmax	
RSSD	Black Hills	89.01	44	eP	pmax	
535A	Dale	89.07	59	P	P	01 41 42.6 +0.8
X32A	Elmer	89.08	54	P	P	01 41 42.4 +0.6
V31A	Spring Creek L	89.09	53	P	P	01 41 42.6 +0.8
Z33A	Whitaker Ranch	89.12	55	P	P	01 41 42.8 +0.7
I25A	Rochford	89.18	44	P	P	01 41 43.1 +0.8
W32A	Sentinel	89.34	53	P	P	01 41 43.1 +0.1
H25A	Fruitdale	89.49	43	P	P	01 41 43.9 +0.3

R30A	Dighton	89.59	50	P	P	01 41 44.7 +0.6
T31A	Randall Ranch,	89.65	51	P	P	01 41 45.4 +0.9
LZH	Lanzhou	89.82	307	↑P	P	01 41 47.0 +1.6
LZH				pP	pP	01 43 12.1 +2.8
LZH				sP	sP	01 43 47.4 +0.9
LZH				eSKS	eSKS	01 51 43.3 +1.9
LZH				eS	eS	01 52 05.0 -1.4
LZH				pmax	pmax	01 54 32.0 -3.4
LZH	comp=Z,25nm,1.0s					
LZH	comp=Z,140nm,4.3s					
G25A	Newell	89.82	43	P	P	01 41 45.8 +0.7
Q30A	Quinter	89.87	50	P	P	01 41 46.9 +1.4
W33A	Caddo, Fort Co	89.95	54	P	P	01 41 47.2 +1.4
135A	Vickery Place,	89.98	56	P	P	01 41 46.7 +0.7
P30A	Selden	90.04	49	P	P	01 41 47.5 +1.3
H26A	Fairpoint	90.04	44	P	P	01 41 46.7 +0.6
F25A	Bowman	90.07	42	P	P	01 41 47.1 +0.9
J27A	Elkhorn Farm,	90.07	45	P	P	01 41 47.3 +1.0
T32A	Huddler Ranch,	90.25	52	P	P	01 41 48.6 +1.4
V33A	Lossen Ranch,	90.30	53	P	P	01 41 48.4 +0.9
E25A	Miller Ranch,	90.32	42	P	P	01 41 48.3 +1.0
I27A	Quinn	90.33	44	P	P	01 41 48.1 +0.7
G26A	Maurine	90.40	43	P	P	01 41 48.3 +0.6
H27A	Howes	90.51	44	P	P	01 41 49.0 +0.7
F26A	Lodgepole	90.55	42	P	P	01 41 49.6 +1.1
DGMT	Dagmar	90.55	40	P	P	01 41 49.4 +1.1
DGMT	Dagmar	90.55	40	eP	P	01 41 49.5 +1.1
D25A	Fairfield	90.61	41	P	P	01 41 49.7 +1.0
136A	Enns	90.66	57	P	P	01 41 50.0 +0.8
Y35A	Marietta	90.69	55	P	P	01 41 50.3 +1.0
R32A	Long Quarter,	90.80	53	P	P	01 41 51.2 +1.4
G27A	Dupree	90.87	43	P	P	01 41 50.3 +0.4
I28A	Midland	90.90	45	P	P	01 41 50.4 +0.3
E26A	Carlson Angus	90.91	42	P	P	01 41 51.2 +1.1
F27A	Lemmon	90.98	43	P	P	01 41 51.8 +1.4
K29A	Lazy Trails An	91.06	46	P	P	01 41 51.9 +1.0
U34A	Anderson Ranch	91.07	53	P	P	01 41 52.3 +1.3
B25A	Knox Farm, Ray	91.12	40	P	P	01 41 52.3 +1.3
D26A	Manning	91.13	41	P	P	01 41 52.2 +1.2
W35A	Tecumseh	91.19	54	P	P	01 41 52.3 +0.7
H28A	Mission Ridge	91.23	44	P	P	01 41 52.2 +0.6
J29A	Okreek	91.27	45	P	P	01 41 52.4 +0.6
Y36A	Durant	91.28	55	P	P	01 41 52.6 +0.6
R33A	Olander Ranch,	91.31	51	P	P	01 41 53.4 +1.3
A25A	Vagstu Ranch	91.39	39	P	P	01 41 53.3 +1.1
G28A	Parade	91.44	44	P	P	01 41 53.5 +1.0
YKA	Yellowknife Ar	91.48	24	P	P	01 41 52.0 -0.2
YKA	Yellowknife Ar	91.48	24	P	P	01 41 52.0 -0.2
YKA	Yellowknife Ar	91.48	24	P	P	01 41 52.1 -0.1
YKB5	Yellowknife Ar	91.48	24	eP	P	01 41 53.1 +0.7
E27A	Carso	91.48	42	P	P	01 41 52.4 +0.7
I29A	Vivian Onida	91.49	45	P	P	01 41 53.5 +0.7
T34A	McClaskey Farm	91.52	52	P	P	01 41 54.2 +1.2
K30A	Basset	91.52	46	P	P	01 41 53.6 +0.6
M31A	Lambrecht Ranc	91.54	48	P	P	01 41 54.0 +0.8
ULN	Ulanbaatar	91.55	319	P	P	01 41 53.6 +0.5
ULN	Ulanbaatar	91.55	319	eP	P	01 41 53.4 +0.3
ULN	Ulanbaatar	91.55	319	d/P	pmax	
ULN	Ulanbaatar	91.55	319	d/P	pmax	
C26A	Wahner Farm, P	91.63	41	P	P	01 41 54.4 +1.0
Q33A	Connelly Farm,	91.64	50	P	P	01 41 54.5 +0.9
H29A	Onida	91.76	44	P	P	01 41 54.2 +0.2
S34A	Willow Spring	91.78	52	P	P	01 41 54.8 +0.5
J30A	Dallas	91.82	46	P	P	01 41 54.9 +0.5
Y37A	Hugo	91.83	55	P	P	01 41 56.3 +1.7
R34A	Isabella, Hill	91.86	51	P	P	01 41 55.6 +1.0
SONA1	Songino Array	91.96	319	eP	P	01 41 54.8 -0.2
SONM	Songino Array	91.96	319	P	P	01 41 54.8 -0.2
SONM	comp=Z,2.6nm,0.9s,baz=114,slow=3.1,SNR=15			PP	PP	01 45 37.9 -2.5
T35A	Sooner Cattle	92.00	52	P	P	01 41 56.3 +1.0
A26A	Wade Farm, Ken	92.04	40	P	P	01 41 55.8 +0.6
V36A	Jenks	92.11	54	P	P	01 41 56.5 +0.7
K31A	O'Neill	92.11	46	P	P	01 41 56.3 +0.6
BGNE	Belgrade	92.15	48	P	P	01 41 56.6 +0.7

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MORCV Moravsky Berou, CBKS Cedar Bluff, PDAR Pinedale Array, etc.

IDC 11 02:14:33.8-6.2, 17.62S-178.15W, h604km, 70km, mb3.0/5, mbl 3.3/5, mb1mx2.9/33, mbtmp4.0/5, Error ellipse: s-maj=84.7km s-min=30.5km az=149.0, Fiji Islands region

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

RSNC 11 02:14:46.0-6.75N-73.04W, h148km, 5km, ML2.3, Northern Colombia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BARC Barichara, BTLC Betulia, Santa, GIRC Giron, Santand, etc.

RSNC 11 02:14:53.8-1.0, 4.38N-76.67W, h10km, 6km, ML2.7, Colombia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MALC Bahia Malaga, TOLC Tolima, HELC Santa Helena, etc.

CASC 11 02:28:23.4-1.9, 8.62N-83.18W, h13km, 5km, MD3.7, 2C-2D, Costa Rica

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ACR Cerro Adica, PBNC Punta Burica N, CTRC Cotoano, etc.

CSEM 11 02:42:44.5-2.4, 37.64N-44.45E, h2km, MD2.7, Error ellipse: s-maj=44.8km s-min=19.7km az=103.0

ISK 11 02:42:48.3, 37.72N-43.94E, h4km, MD2.6, DDA 11 02:42:53.8, 37.73N-43.73E, h5km, MD2.7

ISC 11 02:42:48.4-1.9, 37.68N-0.04-44.06E-0.10, h11km, 10km, n14, e077/26, Turkey-Iran border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like HAKT HAKKARI, CUKT Cukurca, TVAN Van, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BTMN Batman, IDC 11 02:45:51.5-1.2, 20.97S-174.38W, etc.

Code Station Name Az AzZ Phase ID Time Res ISC

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

IDC 11 02:46:16.0-0.6, 21.04S-174.40W, h0km, mb4.6/18, mbl 4.7/19, mb1mx4.6/39, mbtmp4.6/19, ML4.5/1, MS3.9/2, Ms1 3.9/2, ms1mx3.6/12, Error ellipse: s-maj=24.7km s-min=14.6km az=138.0

NEIC 11 02:46:18.6-3.3, 20.80S-174.51W, h12km, 19km, mb5.0/48, Error ellipse: s-maj=8.2km s-min=5.1km az=132.0

GCMT 11 02:46:18.6-0.5, 20.77S-174.00W, h30km, 1km, MW0.5/60, Moment Tensor Solution: c31, c35, s60, c81; Duration: 0.4

MOS 11 02:46:21.7, 20.80S-174.50W, h35km, mb5.1/28, mb5.6/19, Ms3/31, Mst 4/9/12

MOS 11 02:46:21.0-0.9, 20.82S-174.60W, h33km, mb5.0/36, Error ellipse: s-maj=14.1km s-min=11.4km az=149.6

ISC 11 02:46:21.8-0.6, 20.92S-174.46W, h0.08, h33km, 2km, h33km; p-P, n256, e1920/269, mb4.9/71, MS4.7/4, 29C-6D, Tonga Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like AFI Afiamalu, DZM Mont Dzumac, URZ Urewera, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like AFI Afiamalu, DZM Mont Dzumac, URZ Urewera, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like AFI Afiamalu, DZM Mont Dzumac, URZ Urewera, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TBI Tbuai, THZ Topheue, KHZ Kahutara, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PPT2 Papeete2, PPT2 Papeete2, LTZ Lake Taylor, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like HAKT HAKKARI, CUKT Cukurca, TVAN Van, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CTAO Charters Tower, CMAA Cobar Meteorol, QLP Quijipe, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MTSU Mount Surprise, STKA Stephens Creek, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek, etc.

ISC 11 03:29:33.8:1.1, 42.22N, 0102.2070E, 0.01, h5km, qkm, n142, r122/196, 27C-16D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like SKO, PUV, BEY, etc. with their respective coordinates and phases.

Table with columns: TEKS, Takeris, LIT, etc. Lists stations like Takeris, LIT, NVR, etc. with their respective coordinates and phases.

CSEM 11 03:30:48.2:0.4, 45.88N, 15.20E, h5km, MLL1.4/5, Error ellipse: s-maj=9.4km s-min=5.7km az=177.0

LJU 11 03:30:47.7, 45.85N, 15.18E, h11km, MLO.0, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like LEGS, CRES, CESS, etc. with their respective coordinates and phases.

MOS 11 03:31:29.4:1.2, 23.26S, 179.88W, h536km, mb4.7/10, Error ellipse: s-maj=12.9km s-min=9.1km az=48.1

ISCJBJ 11 03:31:31.1:0.6, 23.50S, 0.03:179.89W:0.03, h560km, mb4.7/10, Error ellipse: s-maj=5.3km s-min=4.0km az=143.7

BUI 11 03:31:31.2:23.56S, 179.92W, h562km, mb4.7/14, m85.2/12

IDC 11 03:31:31.6:0.5, 23.36S, 179.82W, h554km, 5km, mb4.0/21, mb1.4/22, mb1mx3.9/43, mbtmp4.8/22, Error ellipse: s-maj=11.0km s-min=9.1km az=137.0

NEIC 11 03:31:32.1:0.5, 23.39S, 179.90W, h560km, 5km, mb5.0/72, Error ellipse: s-maj=5.9km s-min=4.1km az=138.0

ISC 11 03:31:31.3:0.4, 23.48S, 0.05:179.80W:0.06, h555km, 4km, h556km: P-P, n432, r126/473, mb4.9/107, 27C-10D, South of Fiji Islands

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like RAO, AFI, AFI, etc. with their respective coordinates and phases.

Table with columns: URZ, RIGZ, SNGZ, etc. Lists stations like RIMUHAN, SHANNON STATIO, etc. with their respective coordinates and phases.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TORO, Q39A, PLCA, S39A, KIC, DBIC, LIC, JTC, TJS, LVC, CPUP, NNA, OTAV, LPAZ, CMB, HELC, GUYO, YOPC, SDV.

ISCJB 11 04:11:20.1±0.3, 58°16'N, 0°03'15.2"W, 0.0±0.5, h66km, 5km, mb3.4/6, Error ellipse: s-maj=5.2km s-min=3.6km az=143.9

IDC 11 04:11:20.9±1.3, 58°59'N, 152°40'W, h44km, 17km, mb3.4/6, mb1.3/0.10, mb1mx3.4/5.4, mbtmp3.7/10, ML3.8/4, MS3.1/1, Ms1.3/1.1, ms1mx10.6/24, Error ellipse: s-maj=1.9km s-min=1.4km az=106.0

NEIC 11 04:11:21.8, 58°57'N, 152°12'W, h43km, ML3.5(AEIC), After AEIC.

ISC 11 04:11:21.7±0.9, 58°56'N, 0°04'15.2"W, 0.0±0.4, h51km, 11km, n93, 0°08'91/102, mb3.4/6, Kodiak Island region

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations including FOPK, KDAK, KAWH, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NVAR, PDAR, TXAR, ARCES, SONM, MKAR.

IDC 11 04:19:13.3±4.7, 187°05'N, 171°10'E, h0km, mb4.4/3, mb1.4/6.3, mb1mx3.9/20, mbtmp4.4/4.3, Error ellipse: s-maj=162.1km s-min=57.7km az=145.0, Vanuatu Islands region

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

ISC 11 04:30:52.6, 38°16'N, 38°59'E, h5km, MD3.1 DDA 11 04:30:53.4, 38°12'N, 38°57'E, h12km, MD2.9 CSEM 11 04:30:54.0, 0.2, 38°14'N, 38°58'E, h2km, MD2.9, Error ellipse: s-maj=4.6km s-min=4.2km az=143.0

NSSC 11 04:31:05.9±1.6, 36°48'N, 0°13'E, h165km, 17km, ML2.6 ISC 11 04:30:53.7±1.0, 38°14'N, 0°02.38'E, 0.02, h8km, 9km, n59, 0°09'87, Turkey

Main station list table for Turkey region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like ELZG, AKCD, ATAB, etc.

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

MEX 11 04:56:26.4±0.3, 18°12'N, 103°44'W, h5km, MD3.6, Near coast of Michoacan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MMIG, R15V, EZSV, ZIIG.

ISCJB 11 05:03:51.8±0.3, 51°58'N, 0°02'16.0"E, 0.0±0.2, h0km, mb3.4/1, Error ellipse: s-maj=2.7km s-min=1.9km az=14.0

CSEM 11 05:03:53.7±0.2, 51°57'N, 15°22'E, h0km, mb3.3/1, mb1.3/6.8, mb1mx3.3/4.1, mbtmp3.5/8, ML2.7/7, Error ellipse: s-maj=13.9km s-min=7.5km az=102.0

BGR 11 05:03:55.0±0.4, 51°54'N, 16°02'E, h1km, ML3.3/1.7, Error ellipse: s-maj=5.6km s-min=2.0km az=14.0

VIE 11 05:03:57.3±1.4, 51°30'N, 16°01'E, h0km, mb3.0/6, mb3.1/6, Error ellipse: s-maj=6.7km s-min=3.6km az=12.0, Suspected Mining induced.

UPP 11 05:03:58.0±0.3, 51°51'N, 15°24'E, h0km, ML2.0, Suspected explosion

ISC 11 05:03:52.5±0.6, 51°54'N, 0°03'16.0"E, 0.0±0.2, h0km, n116, r1527/201, 8C-7Z, Poland

Main station list table for Poland region with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like KSP, KSP, KSP, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like VRAC Vranov, TANN Tannenbergssta, KRUC Moravsky, WERD Werda, etc.

CSEM 11 05:04:28.2, 42°75'N, 13°04'E, h12km, MD1.5/2, ROM 11 05:04:28.2, 42°75'N, 13°04'E, h12km, MD1.5/2, MIO, 9/3, Error ellipse: s-maj=4.6km s-min=2.1km az=105.0, Central Italy

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like NRCA Norcia, LNSS Leonessa, SMA1 SAN MARTINO, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like H01W2 Cape Leeuwijn H, WRA Warramunga Arr, WRAB Tennant Creek, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ESPR, LUJA, EMIN, ECAB, EGRO, MORF, PFVI, PTEO, PVAQ, PNCL, PBAR, PMTG.

CSEM 11 07:04:10.5, 37.30N, 8.56W, h14km, ML1.2
IGL 11 07:04:10.0, 37.30N, 8.56W, h16km, ML1.1
INMG 11 07:04:10.5, 1.1, 37.30N, 8.56W, h14km, 5km, ML1.2, 2C-4D, Error ellipse: s-maj=2.5km s-min=2.0km az=145.0, Portugal

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MORF, PFVI, PTEO, PVAQ, PNCL, PBAR, PMTG.

IDC 11 07:09:22.6, 7.0, 26.78N, 143.85E, h0km, mb3.5/3, mb1 3.8/4, mb1mx3.5/38, mbtmp3.5/4, ML3.3/1, Error ellipse: s-maj=27.55km s-min=26.6km az=74.0, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MJAR, WRA, ASAR, MKAR, PMG, WRA, ASAR, MKAR, JCJ, MKAR.

IDC 11 07:24:35.8, 1.2, 9.44S, 158.39E, h0km, mb3.5/3, mb1 3.7/3, mb1mx3.5/28, mbtmp3.5/3, Error ellipse: s-maj=45.2km s-min=12.8km az=175.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes station HNR.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations HNR, WRA, ASAR, SONM.

IDC 11 07:43:41.8, 2.4, 4.46S, 126.81E, h0km, mb3.5/3, mb1 3.6/3, mb1mx3.4/32, mbtmp3.5/3, Error ellipse: s-maj=43.23km s-min=25.9km az=64.0, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations ASAR, STKA, MKAR.

ISCJB 11 07:46:43.8, 0.6, 23.84N, 0.04, 122.86E, h20km, 5km, Error ellipse: s-maj=6.5km s-min=3.0km az=171.6
JMA 11 07:46:44.5, 0.1, 23.91N, 122.85E, h28km, 4km, M2.9
TAP 11 07:46:45.1, 23.75N, 122.78E, h18km, 1km, ML3.0, D
ISC 11 07:46:43.4, 1.4, 23.85N, 0.05, 122.86E, h19km, 3km, n29, c0774/49, Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations JYNG, YOJ, HATJ, IRIF, JKRS, ENA, TWD, TWC, JJJ, ESJ, TWE, ENT, EHY, EHY, NNS, WHF, WHF, TWF1, JISG, CHKT, WDT, TWT, NSK, YUS, SMLT, ELDTW, TYC, TJT, CHN5, CHN4, CHN1, CHN1.

PRE 11 07:52:35.8, 2.0, 28.77S, 20.49E, h5km, ML4.0, South Africa

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations KEIM, UPI, CVNA, KOMG, ELIM, GRM, KSD, POGA.

IDC 11 07:57:48.5, 1.1, 0.40S, 132.28E, h0km, mb3.8/6, mb1 3.9/8, mb1mx3.7/41, mbtmp3.8/8, ML3.9/2, MS3.1/2, Ms1 3.1/2, ms1mx2.6/31, Error ellipse: s-maj=58.9km s-min=18.6km az=81.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations HNR, ISCJB.

az=153.6, DJA 11 07:57:53.6, 0.5, 0.5, 6.13, 13.2E, h10km, M4.6/11, mb5.7/2, mb4.9/3, MLV4.4/1, Mw(Mb)5.2/2

ISC 11 07:57:53.7, 0.7, 0.34S, 0.07, 132.38E, 0.06, h33km, n22, c1949/19, mb3.8/6, Irian Jaya region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations SWI, MWPI, RKPI, FAKI, MSAI, BNDI, KRAI, GAMI, TATI, AAI, FITZ, WRA, WRA, ASAR, ASAR, MJAR, H1N1, H1N2, H1N3, SONM, MKAR, KURB, BVAR, ILAR.

PRE 11 07:58:52.7, 1.5, 28.76S, 20.44E, h5km, ML3.6, South Africa

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations KEIM, UPI, CVNA, KOMG, POGA, POGA.

IDC 11 08:14:37.7, 3.0, 6.37S, 147.88E, h0km, mb3.7/3, mb1 3.8/5, mb1mx3.6/33, mbtmp3.6/5, ML3.7/1, MS2.6/1, Ms1 2.6/1, ms1mx2.3/24, Error ellipse: s-maj=88.8km s-min=28.2km az=102.0, Eastern New Guinea region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations PMG, PMG, PMG, WRA, WRA, FITZ, MKAR, TORD.

IDC 11 08:26:00.4, 1.6, 5.72N, 125.26E, h0km, mb3.9/4, mb1 4.2/5, mb1mx3.7/38, mbtmp4.1/5, ML4.2/1, Error ellipse: s-maj=71.9km s-min=24.9km az=67.0, Mindanao

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations KAPI, WRA, ASAR, STKA, MKAR.

ISC 11 08:42:40.4, 38.57N, 26.57E, h15km, MD2.3
CSEM 11 08:42:41.2, 0.3, 38.55N, 26.57E, h10km, MD2.3, Error ellipse: s-maj=8.7km s-min=7.3km az=6.0
DDA 11 08:42:41.4, 38.56N, 26.51E, h7km, MD2.8
ISC 11 08:42:41.2, 1.0, 38.55N, 0.03, 26.57E, 0.03, h18km, 3km, n16, c0770/26, Aegean Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations URLA, URLA, ZEV, ZEV, BLBC, BLBC, CHOS, CHOS, CHOS, DKL, DKL, SIGR, SIGR, AYBD, AYBD, BOZC, BOZC, Baly, Baly.

JMA 11 08:46:30.6, 0.1, 24.11N, 122.40E, h55km, 2km, M2.4
ISCJB 11 08:46:31.2, 0.6, 24.26N, 0.05, 122.44E, 0.02,

ASAR Alice Springs 23.13 176 P P 10 48 43.2 -1.2
MKAR Makanchi Array 64.00 324 P P 10 54 10.7 -0.5

WEL 11 10:49:52.4-0.2, 38.645:-175.74E, h151km, 1km, ML3,8/21, 31C-12D, Error ellipse: s-maj=1.2km s-min=1.1km az=90.0, North Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like WATZ, KUTZ, RATZ, TLZ, RITZ, WPRZ, HATZ, etc.

CSEM 11 11:04:24.7-0.1, 51.555N-16.05E, h2km, ML3.7/14, Error ellipse: s-maj=2.4km s-min=2.1km az=63.0
IPEC 11 11:04:24.7-0.3, 51.59N-16.15E, h0km, ML2.8/3, Error ellipse: s-maj=3.4km s-min=1.7km az=66.0

ISC 11 11:04:23.9-0.7, 51.60N-16.05E, h0.02, h0km, m9, s127/157, 6C-1D, Poland

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like CONA, MOA, STHS, KECS, ARSA, etc.

BUI 11 11:06:14.5, 1.88N:126.50E, h80km, mb4.7/44, mB5.1/32, Ms4.9/19, Ms7.4/5/20

MOS 11 11:06:14.2, 1.0, 2.44N:126.28E, h36km, mb4.9/24, Error ellipse: s-maj=1.2, 1km s-min=0.8, 1km az=112.8

ISJCB 11 11:06:16.7-0.2, 2.50N:0.02E, h126/46E, 0.03, h55km, mb4.7/92, MS3.7/12, Error ellipse: s-maj=4.4km s-min=2.7km az=161.8

DJA 11 11:06:17.2-0.5, 3.1N:5.12E, h10km, M4.8/14, mb5.0/14, mB5.3/8, MLV4.8/7, Mw(m)B)4.8

NEIC 11 11:06:20.0-0.6, 2.40N:126.41E, h77km, 6km, mb4.8/38, Error ellipse: s-maj=6.6km s-min=4.4km az=67.0

IDC 11 11:06:20.0, 1.9, 2.39N:126.37E, h76km, 16km, mb4.3/25, mb1.4/328, mb1mx4.2/53, mbtmp4.6/28, MS3.5/9, Ms1.3/5/9, ms1mx3.2/34, Error ellipse: s-maj=16.2km s-min=6.1km az=73.0

KLJ 11 11:06:18.2-0.3, 2.42N:0.03E, h126/40E, 0.05, h55km, n214, s156/219, mb4.7/92, MS3.6/12, 8C-11D, Northern Molucca Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like SGSI, TNTI, LBMI, etc.

ISCJB 11 11:04:22.9-0.3, 51.55N-16.05E, h0km, Error ellipse: s-maj=2.4km s-min=2.1km az=23.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SONM Songino Array, VANDA Vanda, WMIO Makanchi Array, etc.

IDC 11 13:20:38.8+1.0, 16.08N,95.89W, h0km, mb3.8/9, mb1 4.1/1.1, mb1mx3.9/36, mbtmp3.8/11, ML3.4/2, MS3.7/18, Ms1 3.7/18, ms1mx3.5/46, Error ellipse: s-maj=43.1km s-min=16.8km az=53.0

BUI 11 13:20:40.9, 15.80N,95.90W, h25km, Ms7 4.3/1 ISC/BUI 11 13:20:41.2+0.6, 16.02N,0.04-95.89W, 0.0, h29km, 5km, mb4.1/22, MS3.6/17, Error ellipse: s-maj=6.1km s-min=3.5km az=14.4

NEIC 11 13:20:43.6, 15.98N,95.99W, h34km, mb4.4/25, MD4.4(MEX), After MEX. MEX 11 13:20:43.6+1.0, 15.98N,95.99W, h34km, 19km, MD4.4 ISC 11 13:20:42.7+0.6, 15.96N,0.04-95.97W, 0.0, h32km, 4km, n280, s142/298, mb4.2/22, MS3.6/17, Near coast of Oaxaca

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HUIG Huatulco, PANG Puerto Angel, VHO Vista Hermosa, etc.

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TXAR baz=168, SNR=11, TXAR baz=150, SNR=16, 335A Moody, 333A Richland Sprin, etc.

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like U39A Green Forest, U33A Lingo Farm, BNM Barrettite, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like U30A WK&E Inc. Balk, Q31A Ellis, T30A Plains, D37A Cotton, EYMN Ely, AMTX Amarillo, P31A Stockton, BGNE Belgrade, CPUP Villa Florida, ECSD EROS Data Cent, TXAR Lajitas Array, TX31 Wooten Ranch, O31A Wooten Ranch, N31A Bailey Ranch, Q30A Quinter, S29A Ulysses, C36A Pine Crest Far, K32A Verdigre, M31A Lambrecht Ranc, MSTX Muleshoe, MSTX Muleshoe, P30A Selden, O30A MW Ranch, H33A Prehn Over Nor, L31A Butterfield Fa, Q29A Oakley, G33A Ortonville, K31A O'Neill, S28A Manter, C35A Jirik Farms, O29A Old Ranch, R28A Tribune, L30A Open Herefo, N29A Votaw Ranch, K30A Bassett, P28A Saint Francis, B34A Aery, Baudette, O28A Krutsinger Ran, K30C Kaye Sheddock, MNXX Cornudas Mount, MNXX Cornudas Mount, J29A Okrea, AGMN Agassiz Nation, AGMN Agassiz Nation, A33A Warroad, T25A Trinidad, H29A Onida, J28A Allard Ranch, C31A Landman Farms, D30A Buchanan, J27A Elkhorn Farm, H28A Mission Ridge, C30A Moses, Pekin, ULM Lac du Bonnet, ULM Lac du Bonnet, BNM Barren Site, ANMO Albuquerque, SDCO Great Sand Dun, B30A Myrick Farm, H27A Howes, A30A Hoffart Farm, 121A Cookes Peak, G27A Dupree, F27A Lemmon, G26A Maturine, S22A 4UR Ranch, I25A Rochford, B28A Dugan Ranch, F26A Lodgepole, N23A Red Feather La, G25A Newell, A26A Wade Farm, TUC Tucson, A25A Svangstu Ranch, DGMT Dagmar, WUAZ Wupatki, WUAZ Wupatki, BW06 Boulder Array, BW06 Boulder Array, PD31 Pinedale Array, PD31 Pinedale Array, 214A Organ Pipe Nat, TMUT Trail Mountain, RLMT Red Lodge, AHID Auburn Hatcher, PDMCI Parker Dam, Lak

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DUG Dugway, Toeoe, Y12C Blythe, BGU Big Grassy Mou, EGMT Eagleton, H10N3 ASCENSION HYDR51, H10N2 ASCENSION HYDR51, H10N1 ASCENSION HYDR51, IRM Iron Mountain, H10S3 ASCENSION HYDR52, H10S2 ASCENSION HYDR52, GMRC Granite Mounta, BELC Belle Mtn, ELK Elko, TPNV Topopah Spring, HLID Hailey, MPMC Manual Prospec, EDW2 Edwards Air Fo, NV01 Mina Array Sit, NVAR Mina Array Bea, PLCA Paso Flores, NEW Newport, O03D Paynes Creek, M04C Macdoel, J04D Umpqua Nationa, N02D Trinity Center, M02C Callahan, YKA Yellowknife Ar, YKA Yellowknife Ar, YKBS Yellowknife Ar, TORD Torodi Arr, KEST Kesra, NOA NORSAR Array B, GERES GERES Array B, ILAR Eielson Array, FINES FINES Array B, BRTR Keskin Array B, WMQ Urumqi, HHC Hu-ho-hao-te, CD2 Chengdu

ISK 11 13:45:14.5, 40.34N:25.64E, h5km, MD2.7
ISCJB 11 13:45:15.7, 40.33N:0.02:25.71E:0.03, h9km, 3km,
Error ellipse: s-maj=4.2km s-min=3.4km az=172.2
CSEM 11 13:45:15.6, 40.33N:0.02:25.71E:0.03, h10km, ML2.2, Error
ellipse: s-maj=2.5km s-min=2.2km az=106.0
THE 11 13:45:16.2, 40.33N:25.68E, h11km, ML2.2/6, Error
ellipse: s-maj=0.7km s-min=0.3km az=309.0
DDA 11 13:45:17.4, 40.29N:25.83E, h27km, MD2.8
ISC 11 13:45:15.9, 40.34N:0.02:25.69E:0.02, h14km, 6km,
n45, c043/68, Aegean Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SMTH Samothraki Isl, SMTH Samothraki Isl, SMTH Samothraki Isl, GADA Gvkgeada, GADA Gvkgeada, GADA Gvkgeada, ENEZ Enez, ENEZ Enez, BOZC Bozcaada, BOZC Bozcaada, LIA Limnos Island, LIA Limnos Island, GELI Tayfur-Gelibol, GELI Tayfur-Gelibol, ALN Alexandroupoli, ALN Alexandroupoli, ALN Alexandroupoli, EZN Ezine, EZN Ezine, ERIK Eriki-Kesan, ERIK Eriki-Kesan, KESN Edirne-Kesan, KESN Edirne-Kesan, KAVA Kavala, KAVA Kavala, KAVA Kavala, SIGR SIGRI, SIGR SIGRI, SIGR SIGRI, SIGR SIGRI, SIGR SIGRI, PRK Paraskevi, PRK Paraskevi, RKY Sarkoy-Tekirda, RKY Sarkoy-Tekirda, KRBC Karabiga-Canak, KRBC Karabiga-Canak, AYVA Ayvalik, AYVA Ayvalik, OUR Ouranopolis, OUR Ouranopolis, MIRM Marmara Adasi, MIRM Marmara Adasi, GONE Gonen-Balikesi, GONE Gonen-Balikesi, EDRB Edirne, EDRB Edirne, BALB Balikesir, BALB Balikesir, DURS Dursunbey, DURS Dursunbey, DURS Dursunbey

ms1mx2.8/26, Error ellipse: s-maj=43.8km
s-min=30.5km az=167.0, Eastern Gulf of Aden
Code Station Name Azimuth Phase ID Time Res
EIL Elat 22.25 320 LR ISC h m s ISC
comp=Z,44nm,20.1s,baz=190,slow=37
GNI Chiang Mai Arr 46.00 77 P LR 14 42 02.3
comp=Z,68nm,19.5s,baz=37,slow=41
MKAR Makanchi Array 42.31 32 P 14 36 11.1 +0.4
0.2nm,0.5s,baz=219,slow=9.2,SNR=3.1
CMAR Chiang Mai Arr 46.00 77 P 14 36 40.7 0.0
0.3nm,0.5s,baz=280,slow=7.0,SNR=2.7
TORD Torodi Arr 48.24 276 P 14 36 58.2 0.0
0.5nm,0.7s,baz=84,slow=7.7,SNR=4.4
ZALV Zalesovo Beam 48.36 26 P 14 36 58.0 -0.7
0.4nm,0.6s,baz=211,slow=9.2,SNR=3.0
ASAR Alice Springs 86.63 115 P 14 41 10.6 -0.2
0.1nm,0.4s,baz=291,slow=5.2,SNR=3.6

IDC 11 14:29:56.7, 5.1, 16.01S:176.12W, h0km, mb4.3/3,
mb1 4.5/3, mb1mx3.9/29, mbtmp4.3/3, Error ellipse:
s-maj=161.9km s-min=100.4km az=152.0, Fiji Islands
region
Code Station Name Azimuth Phase ID Time Res
STKA Stephens Creek 41.46 240 Op ISC h m s ISC
2.1nm,0.5s,baz=93,slow=9.7,SNR=9.6
WRA Warramunga Arr 47.15 258 P P 14 38 30.9 -0.4
0.9nm,0.6s,baz=93,slow=7.2,SNR=3.3
ASAR Alice Springs 47.43 252 P 14 38 33.1 -0.3
9.3nm,0.6s,baz=89,slow=7.7,SNR=354
ASAR Alice Springs 47.43 252 P 14 40 03.9 -0.2
0.3nm,0.5s,baz=107,slow=4.2,SNR=4.1

KRNET 11 14:37:16.0, 0.1, 39.50N:72.34E, mb2.0
NMC 11 14:37:18.7, 2.39, 38N:72.43E, h0km, mb2.9, mpv2.5,
Error ellipse: s-maj=82.3km s-min=25.9km az=139.0
ISC 11 14:37:17.7, 2.39, 39.57N:109.72E:0.07, h4km, 20km,
n7, 0176/13, 10C-4D, Kyrgyzstan
Code Station Name Azimuth Phase ID Time Res
OHH Osh 1.03 231 Op P ISC h m s ISC
baz=18 14 37 36.5 -1.7
OHH Osh 1.03 231 Op P Sg 14 37 52.1 +1.2
BTK Batken 1.22 294 Op P Pn 14 37 40.8 -0.7
baz=296 14 37 58.5 +1.1
BTK Batken 1.22 294 Op P Sb 14 37 57.2 +1.6
ARK Arkit 2.24 354 Op S Sb 14 38 27.0 +0.2
baz=353 14 38 04.2 +1.2
ARL Aral 2.77 34 Op Pn 14 38 37.5 +0.5
baz=32 14 38 04.0 +1.0
ARL Aral 2.77 34 Op Pn 14 38 04.0 +1.0
DZET Dzhirgataly 2.78 255 Op Pn 14 38 41.8 -0.6
1.2nm,0.4s 14 38 16.8 -3.4
AAK Ala-Archa 3.49 28 Op Pn 14 39 01.1 -1.9
1.1nm,0.7s 14 38 18.9 +2.4
KK31 Karatay Array 3.77 34 Op Pn 14 39 08.1 -2.7
0.3nm,0.4s,baz=152,slow=12,SNR=5.7
KK31 Karatay Array 3.77 34 Op S Sb 14 39 08.1 -2.7
1.0nm,0.4s,baz=145,slow=24,SNR=4.7

ISCJB 11 14:44:27.0, 6.24, 04S:0.05:180.0E:0.1, h518km,
mb4.0/14, Error ellipse: s-maj=15.5km s-min=6.9km
az=2.7
IDC 11 14:44:27.0, 6.24, 04S:0.05:180.0E:0.1, h518km, n33,
mb3.7/15, mb1 3.9/16, mb1mx3.7/28, mbtmp4.5/16, Error
ellipse: s-maj=17.1km s-min=14.6km az=137.0
ISC 11 14:44:28.3, 0.6, 24.12S:0.09:179.9W:0.1, h518km, n33,
c1920/39, mb4.0/14, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like URZ Urewera, URZ Urewera, HIZ Hauri, TSZ Takapari Road, MRZ Mangatoinoka, CAW Cannon Point, NNZ Nelson, THZ Topohue, DSZ Denniston North, LTZ Lake Taylor, INZ Inchbonnie, RPT Rata Peaks, CTA Charters Towers, PMG Port Moresby, STKA Stephens Creek, ASAR Alice Springs, ASAR Alice Springs, WRA Warramunga Arr, WRA Warramunga Arr, MJAR Matushiro Arr, MAW Mawson, PETK Petropavlovsk, USRK Ussuriysk Arr, NVAR Mina Array Bea, CMAR Chiang Mai Arr, TXAR Lajitas Array, PDAR Pinedale Array, MKAR Makanchi Array, KURBB Kurchatov Arr, BVAR Borovoye Array, ARU Aru, ARCES ARCES Array B, FINES FINES Array B, FINES FINES Array B, AKASG Akasg, BRTR Keskin Array B

IDC 11 14:52:51.1, 1.4, 42.80N:16.95E, h9km, 3km, M2.5/7
ISCJB 11 14:52:51.9, 42.67N:16.95E, h9km, 3km, M2.5/7,
Error ellipse: s-maj=7.9km s-min=3.6km az=31.5
CSEM 11 14:52:53.0, 42.67N:16.95E, h20km, ML2.6, Error
ellipse: s-maj=5.2km s-min=2.7km az=33.0
PDG 11 14:52:54.0, 42.73N:17.24E, h24km, ML2.5/10, Error
ellipse: s-maj=0.9km s-min=1.2km az=0.0

ISC 11 14:52:53.2;1.6,42.70N;0.04;17.07E;0.04,h20km,5km,
n45,c061/82,14C-7D,Adriatic Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like STON, Herceg Novi, Bratogost, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like SMTH, GADA, ENEZ, BOZC, etc.

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

NIED 11 15:47:00.33;70N,141.10E,h50km,Mw3.9 Best double couple: M=9.36000e-10, N1P1=29.00000, R=48.00000, ...

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like BSO1, BSO2, etc.

WEL 11 15:38:50.7;0.3,38.71S;175.67E,h118km,2km,ML3.5/13,
14C-9D, North Island s-maj=1.6km s-min=1.1km

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

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

ISC 11 14:59:45.5;3.6,2.70N,-128.55E,h0km,mb3.4/3,
mb1 3.6/3,mb1mx3.3/43,mbt3.4/3,Error ellipse:
s-maj=294.6km s-min=26.6km az=68.0, Halmahera

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

SKHL 11 15:18:34.9;0.2,45.66N;151.34E,h35km,1km,mb4.0/2
ISC 11 15:18:36.4;4.2,45.2N;0.1;151.3E;0.2,h36km,n14,
c256/23,Kuril Islands

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

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

CSEM 11 15:58:36.8;37.44N,-36.79E,h7km,MD2.6
DDA 11 15:58:36.8;37.44N,-36.79E,h7km,MD2.6
ISC 11 15:58:37.4;1.6,37.44N;0.05;36.78E;0.07,h5km,9km,n8,
c062/12,Turkey

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

MEX 11 15:58:43.0;0.6,16.00N,-96.01W,h35km,MD4.1,Near
coast of Oaxaca

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

MEX 11 16:08:53.0;0.4,15.61N,-93.84W,h78km,6km,MD3.6,
Near coast of Chiapas

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PCIG, TGIG, HUIG, Huatulco.

ISCJB 11 16:09:00.6,0.3,7.12S;0.04;129.56E;0.04,h100km, mb4.2/14, Error ellipse: s-maj=6.5km s-min=5.5km az=150.2

IDC 11 16:09:00.3,3.1,6.9SS;129.58E,h74km,28km,mb4.1/14, mb1.4/217,mb1mx2/29,mbtmp3.4/17,MS2.5/1, MS1.2/5.1,ms1mx2=328, Error ellipse: s-maj=19.3km s-min=12.1km az=67.0

NEIC 11 16:09:01.7,1.1,7.02S;129.65E,h90km,11km,mb4.2/1, Error ellipse: s-maj=11.8km s-min=10.2km az=63.0

DJA 11 16:09:05.7,0.3,7.3S;13.10E;h123km,9km,M4.8/14, mb4.9/10,mb5.3/5,MLV4.9/14,MW(mb)4.7/5

ISC 11 16:09:02.3,0.5,7.04S;0.06;129.60E;0.07,h100km,n57, r130/41,mb4.4/14,Banda Sea

Main table listing station data with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SAUI, BNDI, AAI, MSAI, KRAI, etc.

IDC 11 16:21:57.6,0.6,27.23N;143.37E,h0km,mb3.9/18, mb1.4/121,mb1mx2/26,mbtmp3.9/21,ML3.3/3,MS3.0/2, MS1.3/12,ms1mx2=614, Error ellipse: s-maj=17.3km s-min=15.3km az=96.0

NEIC 11 16:21:59.2,0.4,27.27N;143.34E,h10km,mb4.5/5, Error ellipse: s-maj=8.5km s-min=7.7km az=83.0

ISCJB 11 16:22:01.7,0.5,27.45N;0.04;143.22E;0.06,h33km, mb3.9/23,MS2.8/1, Error ellipse: s-maj=8.5km s-min=5.0km az=31.9

JMA 11 16:22:03.0,0.1,27.37N;143.12E,h59km

ISC 11 16:22:03.0,0.6,27.39N;0.06;143.21E;0.08,h35km,n48, r122/56,mb4.0/23,Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CBJ, Chichi jima.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JCU, JHHJ, BSOJ, etc.

SFS 11 16:29:27.0,37.03N;4.80W,h0km,ML1.7

CSEM 11 16:29:27.0,37.03N;4.80W,h5km,ML1.7, Error ellipse: s-maj=3.2km s-min=2.1km az=14.0

MDD 11 16:29:27.8,0.4,37.02N;4.81W,h0km,mbLg7/11, Error ellipse: s-maj=4.0km s-min=3.3km az=35.0, PRXIMO, Spain

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like EMAL, EMIJ, EQU, EADA, EBER, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like EQES, EMIN, SESP, EGRO, etc.

DDA 11 16:53:43.3,36.98N;31.14E,h102km,Md3.0

ISCJB 11 16:53:44.2,0.8,36.95N;0.04;31.15E;0.04,h94km,8km, Error ellipse: s-maj=6.1km s-min=5km az=27.1

ISK 11 16:53:44.9,36.90N;31.28E,h30km,MD3.2

CSEM 11 16:53:45.2,0.2,36.99N;31.16E,h80km,MD3.2, Error ellipse: s-maj=7.4km s-min=6.3km az=172.0

ISC 11 16:53:46.3,1.3,36.99N;0.03;31.15E;0.03,h71km,9km, n46,r153/69,Turkey

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

IDC 11 16:58:23.8,6.3,3.83N;123.19E,h575km,98km,mb2.5/4, mb1.2/74,mb1mx2/4.51,mbtmp3.6/4, Error ellipse: s-maj=128.3km s-min=21.0km az=69.0, Celebes Sea

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

KRSC 11 17:06:53.1,3.1,3.58N;90N;164.25E,h7km;17km,ML3.6, Kamchatka Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like OSSR, PALN, SMKR, etc.

Table with columns: Code, Station Name, Azimuth, Frequency, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Krutoberegovo, Baidarnaya, Klyuchi, etc.

IDC 11 17:09:51.5±2.8,36°28'N;171°16'E,h131km,24km,mb3.7/18, mb1 3.8/23,mb1mx3.6/65,mbtmp4.1/23,MS3.4/2, Ms1 3.5/2,ms1mx2.7/41,Error ellipse: s-maj=19.8km s-min=12.1km az=6.0

ISCJB 11 17:09:53.1±0.2,36°55'N;0°02'71.17E;0°03,h150km, mb4.0/31,Error ellipse: s-maj=3.6km s-min=2.8km az=158.0

BUI 11 17:09:53.8,36°73'N;70°93'E,h165km,mb4.2/15,mb4.6/5 NEIC 11 17:09:54.0±0.8,36°59'N;71°05'E,h155km,9km,mb4.2/15, Error ellipse: s-maj=9.4km s-min=8.1km az=144.0

MOS 11 17:09:54.1±0.9,36°55'N;171°26'E,h160km,mb4.2/20,Error ellipse: s-maj=9.7km s-min=5.3km az=88.4

NMC 11 17:09:58.2±1.2,36°85'N;171°17'E,h147km,12km,mb3.7, mpv4.8,Error ellipse: s-maj=12.4km s-min=6.6km az=158.0

ISC 11 17:09:54.3±0.4,36°56'N;0°04'71.10E;0°04,h150km,n147, c1558/146,mb4.1/30,12C-12D,Afghanistan-Tajikistan border region

Main station list table for the left column, including stations like KBL Kabul, CHCP Chirah Chowk, THW Thame Wali, SARF Sardogha, KSH Kashi, etc.

Table with columns: Code, Station Name, Azimuth, Frequency, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DANN Dangsing, KOLN Koldanda, WNK Wnk, etc.

AB31 Akbulak array 15.07 331 P P 17 13 21.2 +0.1

AB31 Akbulak array 15.07 331 P Pmax 17 13 21.2 +0.1

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AB31 Akbulak array 15.07 331 P Pmax 17 13 21.2 +0.1

Table with columns: Code, Station Name, Azimuth, Frequency, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like NB2 NORSAR Subarra, NOA NORSAR Array B, etc.

ILAR Eielson Array 74.70 16 P P 17 12 16.8 -0.2

YKA Yellowknife Arr 81.18 3 P P 17 12 53.4 +0.6

WRA Warramunga Arr 81.96 122 P P 17 12 56.2 -1.3

WRAP Tennant Creek 81.96 122 P Pmax 17 12 55.8 -1.7

WRAB Tennant Creek 81.96 122 P Pmax 17 12 55.8 -1.7

ASAR Alice Springs 84.22 125 P Pmax 17 12 08.0 -1.1

ASAR Alice Springs 84.22 125 P Pmax 17 12 08.0 -1.1

ASAR Alice Springs 84.22 125 P Pmax 17 12 08.0 -1.1

ASAR Alice Springs 84.22 125 P Pmax 17 12 08.0 -1.1

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ASAR Alice Springs 84.22 125 P Pmax 17 12 08.0 -1.1

ASAR Alice Springs 84.22 125 P Pmax 17 12 08.0 -1.1

IDC 11 17:16:13.0±0.6,36°75'N;21°67'E,h0km,mb4.3/21, mb1 4.2/32,mb1mx4.1/69,mbtmp4.2/32,ML3.6/12,MS3.5/5, Ms1 3.5/5,ms1mx2.9/44,Error ellipse: s-maj=13.2km s-min=11.2km az=9.0

BUI 11 17:16:16.6,36°80'N;21°60'E,h38km,mb4.5/11,mb5.0/8 CSEM 11 17:16:16.6±0.2,36°66'N;21°48'E,h25km,mb4.3/12,Error ellipse: s-maj=5.1km s-min=3.6km az=43.0

ATH 11 17:16:17.5,36°70'N;21°49'E,h31km,ML4.0/12,Error ellipse: s-maj=2.0km s-min=1.0km az=43.0,Analyst: Agalos ML Amplitudes are expressed in micrometres All distances are expressed in km

BE0 11 17:16:18.5±1.1,36°95'N;21°34'E,h0km,ML4.0/8 NEIC 11 17:16:18.7,36°70'N;21°49'E,h25km,mb4.3/15, ML4.1(THE).After THE.

THE 11 17:16:18.7,36°70'N;21°49'E,h25km,ML4.1/6,Error ellipse: s-maj=1.1km s-min=0.6km az=41.0

HLW 11 17:16:30.0,35°81'N;23°09'E,h8km,18km,Md4.0,M13.9 ISC 11 17:16:17.3±0.8,36°70'N;0°03'21.48E;0°03,h32km,6km, G99C2,ct143/497,mb4.3/35,MS3.5/3,19C-9D,Southern Greece

Main station list table for the right column, including stations like PYL PYLOS, PYL PYLOS, PYL PYLOS, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like VRH Novokhoporsky, OBNSK, ES19, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Res. Includes stations like KUA Kurravaara, SALU Saitoluokta, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like KONS Kongsvik, STOK Stokkvaagen, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like COCH Cobquecura, CCHI Chillan, NICH Los Niches, LACH Col Las Americ, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like TRIS Tristan da Cun, VNA2 Neumayer-Watz, GRGR Grenville, GRW Mount Saint Ca, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like PPT2 comp=Z,314nm,1.4s, PPT2 comp=Z,72um,23.5s, PPT2 Papeete2, etc.

Table with columns: ID, Name, Address, City, State, Zip, Lat, Lon, Elev, Az, Az2, Az3, Az4, Az5, Az6, Az7, Az8, Az9, Az10, Az11, Az12, Az13, Az14, Az15, Az16, Az17, Az18, Az19, Az20, Az21, Az22, Az23, Az24, Az25, Az26, Az27, Az28, Az29, Az30, Az31, Az32, Az33, Az34, Az35, Az36, Az37, Az38, Az39, Az40, Az41, Az42, Az43, Az44, Az45, Az46, Az47, Az48, Az49, Az50, Az51, Az52, Az53, Az54, Az55, Az56, Az57, Az58, Az59, Az60, Az61, Az62, Az63, Az64, Az65, Az66, Az67, Az68, Az69, Az70, Az71, Az72, Az73, Az74, Az75, Az76, Az77, Az78, Az79, Az80, Az81, Az82, Az83, Az84, Az85, Az86, Az87, Az88, Az89, Az90, Az91, Az92, Az93, Az94, Az95, Az96, Az97, Az98, Az99, Az100.

Table with columns: ID, Name, Address, City, State, Zip, Lat, Lon, Elev, Az, Az2, Az3, Az4, Az5, Az6, Az7, Az8, Az9, Az10, Az11, Az12, Az13, Az14, Az15, Az16, Az17, Az18, Az19, Az20, Az21, Az22, Az23, Az24, Az25, Az26, Az27, Az28, Az29, Az30, Az31, Az32, Az33, Az34, Az35, Az36, Az37, Az38, Az39, Az40, Az41, Az42, Az43, Az44, Az45, Az46, Az47, Az48, Az49, Az50, Az51, Az52, Az53, Az54, Az55, Az56, Az57, Az58, Az59, Az60, Az61, Az62, Az63, Az64, Az65, Az66, Az67, Az68, Az69, Az70, Az71, Az72, Az73, Az74, Az75, Az76, Az77, Az78, Az79, Az80, Az81, Az82, Az83, Az84, Az85, Az86, Az87, Az88, Az89, Az90, Az91, Az92, Az93, Az94, Az95, Az96, Az97, Az98, Az99, Az100.

Table with columns: ID, Name, Address, City, State, Zip, Lat, Lon, Elev, Az, Az2, Az3, Az4, Az5, Az6, Az7, Az8, Az9, Az10, Az11, Az12, Az13, Az14, Az15, Az16, Az17, Az18, Az19, Az20, Az21, Az22, Az23, Az24, Az25, Az26, Az27, Az28, Az29, Az30, Az31, Az32, Az33, Az34, Az35, Az36, Az37, Az38, Az39, Az40, Az41, Az42, Az43, Az44, Az45, Az46, Az47, Az48, Az49, Az50, Az51, Az52, Az53, Az54, Az55, Az56, Az57, Az58, Az59, Az60, Az61, Az62, Az63, Az64, Az65, Az66, Az67, Az68, Az69, Az70, Az71, Az72, Az73, Az74, Az75, Az76, Az77, Az78, Az79, Az80, Az81, Az82, Az83, Az84, Az85, Az86, Az87, Az88, Az89, Az90, Az91, Az92, Az93, Az94, Az95, Az96, Az97, Az98, Az99, Az100.

N35A	Tabor	79.67	343	P	P	20 17 36.3 +0.5
Q28A	Sharon Springs	79.67	338	P	P	20 17 36.9 +0.9
SDCO	Great Sand Dun	79.68	334	P	P	20 17 36.6 +0.2
SDCO	Great Sand Dun	79.68	334	eP	P	20 17 34.9 -1.5
SDCO	Great Sand Dun	79.68	334	eP	P	20 17 36.0 -0.4
SWSC	Sam W. Stewart	79.73	325	P	P	20 17 37.3 +1.0
BOSA	Boshof	79.73	118	P	P	20 17 37.4 -0.6
BOSA	Boshof	79.73	118	eP	P	20 17 36.4 -1.3
BOSA	Boshof	79.73	118	eP	P	20 17 36.4 -0.6
BOSA	Boshof	79.73	118	eP	P	20 17 36.5 -0.5
Q32A	Brockman Farm,	79.77	341	P	P	20 17 36.8 +0.4
HNH	Hanover	79.79	1	eP	P	20 17 37.1 +0.6
Y12C	Blythe	79.81	326	P	P	20 17 38.3 +1.5
Y12C	Blythe	79.81	326	eP	P	20 17 36.5 -0.3
M37A	Trindle Farm,	79.82	344	P	P	20 17 36.3 -0.4
N34A	Lincoln	79.85	342	P	P	20 17 36.4 -0.4
KSCO	Kaye Shedlock'	79.87	337	P	P	20 17 38.5 +1.3
KSCO	Kaye Shedlock'	79.87	337	eP	P	20 17 39.5 +2.3
P29A	Atwood	79.90	339	P	P	20 17 38.7 +1.4
BAR	Barrett	79.92	324	eP	P	20 17 38.3 +0.8
O31A	Wooler Ranch,	79.95	340	P	P	20 17 37.5 0.0
WUAZ	Wupatki	79.95	329	P	P	20 17 38.5 +0.7
WUAZ	Wupatki	79.95	329	eP	P	20 17 38.4 +0.7
MONP2	Monument Peak	79.97	324	P	P	20 17 38.7 +0.7
N33A	J Bar K, Exete	80.00	341	P	P	20 17 37.6 -0.1
M36A	Felix, Anita	80.04	344	P	P	20 17 37.7 -0.2
MDV	Middlebury	80.08	360	eP	P	20 17 37.2 -0.8
MDV	Middlebury	80.08	360	eP	P	20 17 38.3 +0.3
PDMCI	Parker Dam,Lak	80.11	327	P	P	20 17 39.7 +1.3
P28A	Saint Francis	80.12	338	P	P	20 17 39.7 +1.3
SCIA	State Center	80.12	345	eP	P	20 17 37.2 -1.1
S22A	4UR Ranch, Cre	80.15	334	P	P	20 17 40.0 +1.0
S22A	4UR Ranch, Cre	80.15	334	eP	P	20 17 38.1 -0.8
S22A	4UR Ranch, Cre	80.15	334	eP	P	20 17 38.9 0.0
BC3	Big Chuckawall	80.16	325	P	P	20 17 40.7 +1.8
O30A	MW Ranch, Wils	80.18	339	P	P	20 17 40.0 +1.3
N32A	Stulken Farm,	80.24	341	P	P	20 17 40.5 +1.5
M35A	Neola	80.25	343	P	P	20 17 39.7 +0.7
MVCO	Mesa Verde	80.29	332	P	P	20 17 40.2 +0.6
MVCO	Mesa Verde	80.29	332	eP	P	20 17 39.5 -0.2
L38A	Oak Wood Farm	80.29	345	P	P	20 17 39.3 +0.1
109C	Camp Elliot, M	80.30	324	P	P	20 17 41.0 +1.6
LBNH	Lisbon	80.33	1	eP	P	20 17 40.0 +0.6
LBNH	Lisbon	80.33	1	eP	P	20 17 40.0 +0.6
O29A	4D Ranch, Culb	80.34	339	P	P	20 17 40.9 +1.3
IRM	Iron Mountain	80.43	326	P	P	20 17 40.8 +0.6
L37A	Phoenix Point,	80.45	345	P	P	20 17 40.1 +0.1
N31A	Bailey Ranch,	80.47	340	P	P	20 17 41.4 +1.1
M34A	Aspy Farms, Fr	80.50	342	P	P	20 17 40.5 +0.2
JFWS	Jewell Farm	80.52	347	eP	P	20 17 39.3 -1.1
JFWS	Jewell Farm	80.52	347	eP	P	20 17 39.3 -1.1
JFWS	Jewell Farm	80.52	347	eP	P	20 17 39.3 -1.1
PFO	Pinyon Flats 0	80.59	325	P	P	20 17 43.6 +2.4
PFO	Pinyon Flats 0	80.59	325	P	P	20 17 42.2 +1.0
PFO	Pinyon Flats 0	80.59	325	eP	P	20 17 41.6 +0.4
PFO	Pinyon Flats 0	80.59	325	eP	P	20 17 41.6 +0.4
L36A	Harm Buss Farm	80.62	344	P	P	20 17 41.3 +0.3
SWZ	Schweizer	80.63	117	eP	P	20 17 40.4 -1.4
O28A	Krutzinger Ran	80.63	338	P	P	20 17 41.8 +0.6
Q24A	Divide	80.65	335	P	P	20 17 42.9 +1.3
Q24A	Divide	80.65	335	eP	P	20 17 41.5 -0.1
W13A	Hualapai Mount	80.66	327	eP	P	20 17 41.9 +0.2
BELC	Belle Mtn. Jos	80.69	325	P	P	20 17 43.7 +1.9
MRZ	Manginoinoka R	80.70	226	ePN	P	20 17 41.3 -0.5
NEE2	Needles Airpor	80.71	326	P	P	20 17 41.0 -0.6
KHZ	Kahutara	80.71	224	ePN	P	20 17 43.1 +1.4
KHZ	Kahutara	80.71	224	eP	P	20 17 47.1 -1.3
WVL	Waterville	80.71	3	eP	P	20 17 44.7 +3.3
LONY	Lake Ozonia	80.71	359	eP	P	20 17 41.5 +0.1
M33A	Taylor Creek F	80.72	342	P	P	20 17 40.8 -0.7
K38A	Parkersburg	80.74	345	P	P	20 17 40.2 -1.4
N30A	Hueffle Ranch,	80.76	340	P	P	20 17 42.4 +0.6
BGNE	Belgrade	80.81	341	P	P	20 17 42.3 +0.3
BGNE	Belgrade	80.81	341	eP	P	20 17 43.6 +1.6
L35A	Blow Farm, R	80.83	343	P	P	20 17 42.4 +0.3
L34A	Svendsen Farm,	80.89	343	P	P	20 17 42.5 0.0
FRNY	Flat Rock	80.92	360	eP	P	20 17 42.3 -0.2
MURC	Murrieta	80.92	324	P	P	20 17 44.0 +1.1
EMW	Votaw Ranch, W	80.93	339	P	P	20 17 43.1 +0.3
N29A	East Machias	80.96	4	eP	P	20 17 46.0 +3.3
M31A	Lambrecht Ranc	80.97	341	P	P	20 17 43.4 +0.5
SADO	Sadowa	81.03	356	eP	P	20 17 42.1 -1.0
K37A	Belmond	81.04	345	P	P	20 17 43.0 -0.2
SC12	San Clemente I	81.07	323	P	P	20 17 43.0 -0.6
N28A	Pribbeno Ranch	81.08	339	P	P	20 17 43.8 +0.3
K36A	Gilmore City	81.09	344	P	P	20 17 43.6 +0.2
U15A	North Rim	81.11	329	eP	P	20 17 44.4 +0.3
PV01	Paradox Valley	81.13	332	eP	P	20 17 44.1 0.0
BKZ	Black Stump Fm	81.13	228	eP	P	20 17 45.1 +2.3

LTZ	Lake Taylor	81.17	223	eP	P	20 17 45.0 +0.8
LDFC	Landfair	81.19	326	eP	P	20 17 48.4 +4.0
GMRC	Granite Mounta	81.19	326	P	P	20 17 44.7 +0.3
RPZ	Rata Peaks	81.19	221	P	P	20 17 45.2 +0.8
RPZ	Rata Peaks	81.19	221	eP	P	20 17 45.2 +0.8
LBZ	Lake Benmore	81.19	220	eP	P	20 17 46.2 +1.9
PLVO	Plevna	81.20	357	eP	P	20 17 52.0 +3.5
PLVO	Plevna	81.20	357	eP	P	20 17 44.0 0.0
WH05	Paradox Valley	81.28	332	eP	P	20 17 44.6 -0.3
WH05	Paradox Valley	81.29	218	eP	P	20 17 48.5 +3.6
L33A	Hoskins	81.30	342	P	P	20 17 44.9 +0.3
J38A	Wedel Dairy, R	81.33	346	P	P	20 17 45.0 +0.3
L32A	Elgin	81.33	342	P	P	20 17 45.3 +0.5
BBRC	Big Bear Solar	81.34	325	P	P	20 17 45.6 +0.3
URZ	Urewera	81.34	229	P	P	20 17 45.3 +0.1
URZ	Urewera	81.34	229	eP	P	20 17 45.3 +0.1
URZ	Urewera	81.34	229	eP	P	20 17 45.3 +0.1
K35A	Storm Lake	81.34	344	P	P	20 17 45.7 +0.9
CIS	Catalina Islan	81.34	323	P	P	20 17 44.8 -0.2
M30A	Dell'Ortello V	81.39	340	P	P	20 17 45.7 +0.6
PKME	Peaks-Kenny Pk	81.42	3	eP	P	20 17 47.6 +2.5
OGNE	Ogallala	81.46	338	eP	P	20 17 46.5 +0.9
OGNE	Ogallala	81.46	338	eP	P	20 17 48.5 +2.9
SMCO	Snowmass	81.47	334	eP	P	20 17 46.0 -0.1
WKZ	Wanaka	81.49	220	eP	P	20 17 52.4 +0.4
THZ	Tophouse	81.50	224	eP	P	20 17 44.1 -1.9
THZ	Tophouse	81.50	224	eP	P	20 17 46.5 +0.4
K34A	Le Mars	81.51	343	P	P	20 17 46.0 +0.3
PV10	Paradox Valley	81.52	332	eP	P	20 17 45.8 -0.3
M29A	Burnside Ranch	81.53	339	P	P	20 17 46.3 +0.4
HEC	Hector Ludlow	81.53	325	P	P	20 17 46.6 +0.5
FMP	Fort Macarthur	81.54	323	P	P	20 17 47.6 +1.6
J37A	Reynolds Farm,	81.54	345	P	P	20 17 46.5 +0.7
ISCO	Idaho Springs	81.56	335	P	P	20 17 47.2 +0.8
ISCO	Idaho Springs	81.56	335	eP	P	20 17 46.2 -0.2
ISCO	Idaho Springs	81.56	335	eP	P	20 17 46.2 -0.2
GLMI	Graying	81.57	352	eP	P	20 17 48.0 +2.0
MLZ	Mavora Lakes	81.58	219	eP	P	20 17 48.7 +2.3
SEK	Senekal	81.59	119	eP	P	20 17 46.4 -0.6
MNT	Montreal	81.59	360	eP	P	20 17 48.3 +2.3
MNT	Montreal	81.59	360	eP	P	20 17 48.3 +2.3
MNT	Montreal	81.59	360	eP	P	20 17 48.3 +2.3
K33A	Hardington	81.64	342	P	P	20 17 47.3 +0.9
PV09	Paradox Valley	81.66	332	eP	P	20 17 47.5 +0.5
BFSC	Mount Baldy Ra	81.67	324	P	P	20 17 47.4 +0.5
M28A	Bar X Bar Ranch	81.68	339	P	P	20 17 48.0 +1.2
L31A	Butterfield Fa	81.71	341	P	P	20 17 47.9 +1.1
J36A	Sense 1, Swea	81.72	345	P	P	20 17 48.0 +1.2
L30A	Spencer Herefo	81.73	340	P	P	20 17 48.3 +1.3
SNCC	San Nicolas Is	81.76	322	P	P	20 17 49.3 +2.0
MWC	Mount Wilson	81.84	324	eP	P	20 17 49.2 +1.3
MWC	Mount Wilson	81.84	324	eP	P	20 17 49.2 +1.3
TUQ	Turquoise Moun	81.85	326	P	P	20 17 49.5 +1.7
PASC	Pasadena Art C	81.86	324	eP	P	20 17 51.4 +3.6
RRX	Edison Barstow	81.88	325	P	P	20 17 49.2 +1.4
K32A	Verdigre	81.94	342	P	P	20 17 49.1 +1.1
J35A	Milford	81.95	344	P	P	20 17 47.5 -0.5
FOZ	Fox Glacier	81.97	221	eP	P	20 17 52.1 +3.7
PKCU	Pin Cliffs	81.99	330	eP	P	20 17 51.8 +3.1
I38A	Scanlan Farm,	82.00	346	P	P	20 17 47.5 -0.7
DECC	Green Verdugo	82.00	324	P	P	20 17 49.2 +0.7
LCMT	Little Creek M	82.01	329	eP	P	20 17 50.2 +1.5
J34A	George	82.04	343	P	P	20 17 48.8 -0.2
L29A	Maesberg Ranch	82.05	340	P	P	20 17 49.2 +0.5
LBTB	Lobatse	82.10	115	P	P	20 17 48.8 -0.7
LBTB	Lobatse	82.10	115	eP	P	20 17 48.8 -0.7
K31A	O'Neill	82.10	341	P	P	20 17 49.0 +0.1
JCZ	Jackson Bay	82.14	220	ePN	P	20 17 48.4 -1.0
GSC	Goldstone, Bar	82.14	325	P	P	20 17 50.0 +0.7
GSC	Goldstone, Bar	82.14	325	eP	P	20 17 50.8 +1.5
I37A	Lemond, Wasoca	82.18	345	P	P	20 17 49.6 +0.4
BLG	Laguna Peak P	82.23	323	P	P	20 17 50.1 +0.4
L28A	Connealy Angus	82.29	339	P	P	20 17 50.5 +0.6
J33A	Davis	82.31	343	P	P	20 17 50.0 +0.2
I36A	Fitzsimmons Fa	82.31	345	P	P	20 17 49.8 -0.1
QRZ	Quartz Range	82.33	224	ePN	P	20 17 48.6 -1.8
EDW2	Edwards Air Fo	82.35	324	P	P	20 17 50.9 +0.5
I35A	Creekview Farm	82.37	344	P	P	20 17 49.8 -0.3
K30A	Shoshone, Teco	82.39	326	P	P	20 17 51.1 +0.8
SHOC	Shoshone, Teco	82.39	326	P	P	20 17 51.0 +0.4
SCZ2	San Cruz Isl	82.42	323	P	P	20 17 51.5 +0.7
MTPU	Mount Pierson	82.45	330	eP	P	20 17 52.4 +1.1
OSI	Osito Audit: C	82.48	324	P	P	20 17 51.5 +0.5
OSI	Osito Audit: C	82.48	324	eP	P	20 17 53.5 +2.4
CCUT	Cedar City	82.52	329	eP	P	20 17 52.2 +0.8
HIZ	Haulti	82.52	227	eP	P	20 17 56.3 -0.2
J32A	Parkston	82.58	342	P	P	20 17 51.0 -0.2
ECSD	EROS Data Cent	82.62	343	P	P	20 17 51.3 -0.2
ECSD	EROS Data Cent	82.62	343	eP	P	20 17 50.2 -1.3

H37A	Dierke Farm, C	82.63	346	P	P	20 17 51.7 +0.2

11d 20h

Table with columns: ID, Name, Date, Time, Status, and other details. Includes entries like E37A Wrenshall, I26A New Underwood, F33A 5 Mile Ranch, etc.

2011 FEB

Table with columns: ID, Name, Date, Time, Status, and other details. Includes entries like TORO comp=Z,57nm,1.1s, TOA1 comp=Z,97.1m,18.1s, TOA11 comp=Z,1.1m,0.9s, etc.

552

Table with columns: ID, Name, Date, Time, Status, and other details. Includes entries like QLMT Earthquake Lak, HLID Hailey, HOPS Hoopland Field, etc.

Table with columns for station name, time, frequency, and signal strength. Includes stations like KWP, Kalwaria Pacla, Namsos, ARCALIA, etc.

Table with columns for station name, time, frequency, and signal strength. Includes stations like Minsk, Minsg, Minsg, Minsg, etc.

Table with columns for station name, time, frequency, and signal strength. Includes stations like VORD, LPSR, Galiyah, etc.

MKAR Makanchi Array 158.91 53 PKPab PKPab 20 37 12.3 -0.7
SONM Songo Array 168.61 2 PKPab PKPab 20 37 53.4 -2.1

ISCJB 11 20:31:38.20.5.0.28'28N.0'07.139'E.0.1, h450km,
mb3.4/9, Error ellipse: s-maj=15.2km s-min=7.1km
az=150.2

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like Chichi jima, Chichijima, Haha-jima-NKT, etc.

ISCJB 11 20:38:09.10.5.0.17N.0'03.18'98E.0'03, h0km, Error
ellipse: s-maj=4.8km s-min=2.6km az=17.4

ISCJB 11 20:38:09.7.0.4.0.19N.0'02.16'29E.0'04, Error
ellipse: s-maj=9.2km s-min=4.6km az=13.0

ISCJB 11 20:38:09.7.0.5.0.15N.19'00E, h0km
@11/51, Poland

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like Chorzow, Ojcow, Ostrava-Krasne, etc.

ISC 11 20:41:22.1.1.1.36'64S:73'42W, h0km, mb4.0/8,
mb1.4/2.1, mb1mx4.1/28, mbtmp4.1/11, ML4.3/3, Error
ellipse: s-maj=33.1km s-min=18.6km az=66.0

ISCJB 11 20:41:24.8.0.8.36'58S:0'07.73'4W:0.1, h27km, mb4.2/9,
Error ellipse: s-maj=12.8km s-min=9.2km az=12.2

NEIC 11 20:41:26.5.4.1.36'58S:73'50W, h31km, 27km, mb4.5/1,
Error ellipse: s-maj=24.3km s-min=11.3km az=76.0

ISC 11 20:41:26.6.0.8.36'49S:0'09:73'4W:0.1, h27km, n37,
@135/40, mb4.3/9, Near coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like EI Roble, Paso Flores, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like Limon Verde, Villa Florida, La Paz, etc.

ISC 11 20:43:05.6.0.7.36'57S:73'36W, h0km, mb4.4/12,
mb1.4/5.15, mb1mx4.4/28, mbtmp4.4/15, ML4.6/3, Error
ellipse: s-maj=25.9km s-min=15.8km az=70.0

ISCJB 11 20:43:08.2.0.3.36'62S:0'04:73'38W:0'05, h27km,
mb4.6/28, Error ellipse: s-maj=6.5km s-min=5.3km
az=144.4

GUC 11 20:43:09.4.0.7.36'63S:73'38W, h19km, 21km, ML4.3
NEIC 11 20:43:09.1.0.1.36'55S:73'20W, h35km, 8km, mb.6/15,
ML4.3(GUC), Error ellipse: s-maj=10.8km s-min=5.7km
az=77.0

NEIC Felt (III) at La Laja.
ISC 11 20:43:09.6.0.5.36'60S:0'05:73'29W:0'07, h27km, n61,
@84/67, mb4.6/28, 1C-1D, Near coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like San Pedro de C, Cobquecura, Chillan, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like Makanchi Array, Songo Array, etc.

ISC 11 20:43:03.4.1.1.36'64S:73'21W, h0km, mb4.0/9,
mb1.4/2.1, mb1mx4.1/34, mbtmp4.1/12, ML4.5/2, Error
ellipse: s-maj=30.7km s-min=18.9km az=66.0

ISCJB 11 20:49:06.0.0.9.36'60S:0'09:73'2W:0.2, h25km, mb4.0/8,
Error ellipse: s-maj=20.5km s-min=13.3km az=169.2

ISC 11 20:49:07.5.1.0.36'65S:0'13:73'2W:0.2, h25km, n14,
@60/15, mb4.1/8, Near coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like Paso Flores, Limon Verde, etc.

ISC 11 20:51:49.9.1.3.36'30S:73'71W, h0km, mb4.1/11,
mb1.4/3.12, mb1mx4.2/31, mbtmp4.2/12, ML2.5/1, Error
ellipse: s-maj=37.8km s-min=33.2km az=15.0, Near
coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like Paso Flores, Limon Verde, etc.

CASC 11 20:57:41.6:2.2.8'28N:82'71W, h28km, 7km, MD3.5, 1C,
Panama-Costa Rica border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like Punta Burica N, Barú, etc.

ISC 11 21:01:15.4.0.7.36'36S:73'32W, h0km, mb4.5/18,
mb1.4/6.2, mb1mx4.5/34, mbtmp4.4/20, ML4.3/2, Error
ellipse: s-maj=22.4km s-min=15.1km az=63.0

NEIC 11 21:01:16.0.36'46S:73'58W, h18km, mb4.8/14,
ML4.6(GUC), After GUC.

GUC 11 21:01:16.0.0.7.36'46S:73'58W, h18km, 11km, ML4.6

ISC 11 21:01:17.6.0.4.36'37S:0'03:73'39W:0'06, h27km, n93,
@131/101, mb4.7/29, Near coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include stations like San Pedro de C, Cobquecura, Chillan, etc.

11d 21h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include ACAN Cantantal, AVFE Valle Fertl, LCOE Chesep, etc.

2011 FEB

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include CPUP Villa Florida, LPAZ La Paz, SIV San Ignacio, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include F26A Lodgpole, J28A Allard Ranch, G27A Dupree, etc.

ISC 11 21:04:14.6:0.7,36:60S:73:35W,h0km,mb4.3/14, mb1 4.5/16,mb1mx3.3/34,mb1mp4.3/16,ML4.2/2, Error ellipse: s-maj=26.1km s-min=16.1km az=63.0

ISC 11 21:07:19.3:1.6,41:39N:104:89W,h0km,mb4.4/1, mb1 3.9/4,mb1mx3.5/41,mb1mp3.7/4,ML3.0/4, Error ellipse: s-maj=24.4km s-min=11.3km az=172.0

ISC 11 21:06:21.1:37:22S:74:82W,h0km,mb4.1/7, Error ellipse: s-maj=26.6km s-min=5.1km az=37.0, Suspected Mining explosion.

ISC 11 21:10:06.2:1.1,37:22S:74:82W,h0km,mb4.1/7,

mb1 4.3/8, mb1mx4.1/26, mbtmp4.1/8, ML3.8/1, Error ellipse: s-maj=38.7km s-min=22.6km az=75.0

ISCJB 11 21:10:09.8-0.6, 37:22S:0:09.74:7W:0.1, h33km, mb4.3/19, Error ellipse: s-maj=16.0km s-min=10.5km az=144.5

NEIC 11 21:10:11.6-0.3, 37:23S:74:74W, h35km, mb4.3/10, Error ellipse: s-maj=10.6km s-min=6.8km az=54.0

ISC 11 21:10:11.5-0.8, 37:23S:0:174:8W:0.1, h35km, n24, 0564/25, mb4.2/19, Off coast of central Chile

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like PLCA Paso Flores, LCO Las Campanas, TRQA Torquist, etc.

IDC 11 21:28:38.8-1.6, 14:05S:166:54E, h0km, mb3.9/8, mb1.4/1.9, mb1mx3.9/4, mbtmp3.9/8, ML3.8/1, Error ellipse: s-maj=24.6km s-min=2.6km az=121.0

NEIC 11 21:28:40.5-4.0, 14:09S:166:56E, h1km, 26km, mb4.1/7, Error ellipse: s-maj=10.7km s-min=8.2km az=182.0

ISCJB 11 21:28:42.9-0.5, 14:17S:0:06:166:50E:0.0, h8, h43km, mb4.1/14, Error ellipse: s-maj=11.4km s-min=8.7km az=2.5

ISC 11 21:28:44.7-0.6, 14:12S:0:08:166:5E:0.1, h43km, n19, 0584/19, mb4.0/14, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like DZM Mont Dzumac, HNR Honiara, CTA Charters Tower, etc.

IDC 11 21:37:28.5-0.8, 36:67S:73:54W, h0km, mb4.2/14, mb1 4.3/16, mb1mx4.3/25, mbtmp4.2/16, ML4.0/2, Error ellipse: s-maj=26.3km s-min=15.3km az=69.0

GUC 11 21:37:30.7-0.6, 36:66S:73:51W, h5km, 49km, ML4.2, Isabella, Lake, 86:36 52 eP

NEIC 11 21:37:30.0, 36:66S:73:51W, h5km, 49km, 36.4, ML4.2(GUC), After GUC

NEIC Feit (IV) at Huaipen, San Pedro de la Paz and Talcahuano; (III) at Cauquenes, Concepcion, La Laja and Pelluhue; (II) at Angol, Curacautin, Lumaco, Padre Las Casas and Temuco.

ISCJB 11 21:37:31.5-0.5, 36:63S:0:04:73:48W:0.06, h27km, mb4.2/19, Error ellipse: s-maj=7.3km s-min=6.0km az=156.2

ISC 11 21:37:32.6-0.6, 36:66S:0:06:73:52W:0.07, h27km, n67, 0152/20, mb4.1/19, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like CCSP San Pedro de C, COCH Cobquecura, CCHI Chillan, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like ACHE Chepes, LCO Las Campanas, AGUA GUANACAC, etc.

GUC 11 21:45:57.2-0.7, 36:66S:73:44W, h18km, 9km, ML4.9, ISCJB 11 21:45:57.5-0.2, 36:54S:0:04:73:19W:0.06, h27km, mb5.1/129, MS5.5/4, Error ellipse: s-maj=7.1km s-min=4.4km az=154.5

NEIC 11 21:45:57.0, 36:66S:73:44W, h18km, mb5.3/118, ML4.9(GUC), After GUC.

NEIC Feit (III) at La Laja. IDC 11 21:45:59.6-3.9, 36:72S:73:34W, h33km, 26km, mb4.5/20, mb1 4.6/22, mb1mx4.6/29, mbtmp4.7/22, ML4.5/2, MS5.5/5, Ms1 5.5/5, ms1mx5.0/36, Error ellipse: s-maj=20.7km s-min=12.4km az=68.0

MOS 11 21:45:59.0, 1.1, 36:63S:73:25W, h33km, mb5.4/41, Error ellipse: s-maj=16.8km s-min=7.7km az=103.8

BUI 11 21:46:00.6, 36:50S:73:00W, h29km, mb5.9/2, Ms5.5/3, Ms7.5/3

ISC 11 21:45:57.0, 36:62S:0:04:73:29W:0.06, h27km, n648, 01507/666, mb5.3/127, 12C-3D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like CCSP San Pedro de C, COCH Cobquecura, CCHI Chillan, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include stations like NNA Nana, NNA Sao Paulo, SAML Samuel, etc.

MAW Mawson 70.96 164 eP

MAW Mawson 70.96 164 eP

MAW Mawson 70.96 164 eP

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MAW Mawson 70.96 164 eP

MAW Mawson 70.96 164 eP

MAW Mawson 70.96 164 eP

Y40A Okolona	72.70	343	P	P	21 57 24.0	-0.2
Z36A Blue Ridge	72.81	340	P	P	21 57 24.4	-0.5
Y39A Lookerburg	72.83	342	P	P	21 57 24.7	-0.2
133A Hamilton Ranch	72.92	338	P	P	21 57 25.3	-0.3
Y38A Idabel	72.98	341	P	P	21 57 25.6	-0.2
X40A Basin Creek Fa	73.05	343	P	P	21 57 26.0	-0.3
Z35A Perchaven, San	73.10	339	P	P	21 57 26.2	-0.4
ABTX Abilene, Hawle	73.16	337	P	P	21 57 26.3	-0.7
ABTX Abilene, Hawle	73.16	337	eP	P	21 57 27.2	+0.1
Y37A Hugo	73.26	341	P	P	21 57 27.9	-0.6
MIAR Mount Ida	73.28	343	P	P	21 57 27.2	-0.5
MIAR Mount Ida	73.28	343	eP	P	21 57 27.3	-0.4
MIAR Mount Ida	73.28	343	eP	Pmax	21 57 27.3	-0.4
Z34A Collier Ranch,	73.33	339	P	P	21 57 27.3	-0.7
Y36A Durant	73.37	340	P	P	21 57 28.2	0.0
X39A Fountain Ranch	73.38	342	P	P	21 57 27.9	-0.4
Z33A Whitaker Ranch	73.51	338	P	P	21 57 28.1	-0.9
Y35A Marietta	73.58	340	P	P	21 57 28.4	-1.0
X38A Whitesboro	73.71	342	P	P	21 57 29.2	-1.0
X37A Clayton	73.78	341	P	P	21 57 29.3	-1.2
W40A Ferguson Farm,	73.78	343	P	P	21 57 30.3	-0.2
Y34A Reagan Ranch,	73.83	339	P	P	21 57 30.0	-1.0
W39A Magazine	73.95	343	P	P	21 57 31.0	-0.6
W38A Poteau	74.02	342	P	P	21 57 31.3	-0.6
X36A Centrahoma	74.02	340	P	P	21 57 30.5	-1.5
X35A Drake	74.03	340	P	P	21 57 31.4	-0.6
Y33A Hilltop Ranch,	74.14	338	P	P	21 57 32.3	-0.4
W37B Quinton	74.31	341	P	P	21 57 32.9	-0.8
MNTX Cornudas Mount	74.31	332	P	P	21 57 32.3	-1.5
MNTX Cornudas Mount	74.31	332	eP	P	21 57 33.0	-0.9
Y32A R-V Farms, Ver	74.38	338	P	P	21 57 33.2	-0.9
X34A Smith Ranch, M	74.46	339	P	P	21 57 33.5	-1.1
SUR Sutherland	74.46	119	eP	P	21 57 35.9	+0.8
W36A Wetumka	74.52	341	P	P	21 57 33.9	-1.0
Y39A Pettigrew	74.53	343	P	P	21 57 33.8	-1.2
Y31A Rekieta Farm,	74.59	337	P	P	21 57 35.2	-0.2
W35A Tecumseh	74.71	340	P	P	21 57 35.1	-0.9
V38A Canehill	74.74	342	P	P	21 57 34.4	-1.8
PBMO Poplar Bluff	74.74	346	eP	P	21 57 35.6	-0.5
U40A Yellville	74.85	344	P	P	21 57 35.4	-1.3
WMOK Wichita Mounta	74.86	338	eP	P	21 57 36.4	-0.6
WMOK Wichita Mounta	74.86	338	eP	Pmax	21 57 36.4	-0.6
V37A Hulbert	74.94	342	P	P	21 57 36.2	-1.1
U39A Green Forest	75.02	343	P	P	21 57 36.0	-1.8
W34A Bridge Creek,	75.03	339	P	P	21 57 37.3	-0.7
V36A Jenks	75.06	341	P	P	21 57 36.3	-1.7
X31A McDonald Ranch	75.12	337	P	P	21 57 37.6	-0.9
TUL1 Leonard	75.13	341	P	P	21 57 36.1	-2.4
TUL1 Leonard	75.13	341	eP	P	21 57 37.6	-0.8
W33A Caddo, Fort Co	75.16	339	P	P	21 57 38.6	0.0
X30A Coker Ranch, T	75.23	337	P	P	21 57 39.0	-0.1
V35A Meyer Ranch, C	75.27	340	P	P	21 57 38.1	-1.1
U38A Gravette	75.28	343	P	P	21 57 38.4	-0.9
W32A Sentinel	75.36	338	P	P	21 57 39.2	-0.6
USIN University of	75.40	348	eP	P	21 57 38.9	-0.9
MSTX Muleshoe	75.42	335	P	P	21 57 39.4	-0.9
U37A Salina	75.43	342	P	P	21 57 39.1	-1.0
V34A Guthrie	75.53	340	P	P	21 57 40.1	-0.6
T40A Mansfield	75.53	344	P	P	21 57 40.0	-0.8
319A Douglas	75.58	329	eP	P	21 57 42.0	+0.7
T39A Clever	75.61	344	P	P	21 57 40.3	-0.9
W31A Holland Ranch,	75.63	338	P	P	21 57 40.2	-1.2
V33A Lossen Ranch,	75.73	339	P	P	21 57 41.6	-0.2
U35A Pawnee	75.82	341	P	P	21 57 41.7	-0.6
T38A Diamond	75.83	343	P	P	21 57 41.9	-0.5
V32A Arapaho	75.85	339	P	P	21 57 42.4	-0.2
AMTX Amarillo	75.89	336	P	P	21 57 42.6	-0.4
AMTX Amarillo	75.89	336	eP	P	21 57 43.1	+0.1
S40A Lebanon	75.96	344	P	P	21 57 42.2	-1.0
T37A Cheneyville 18	76.06	342	P	P	21 57 42.8	-0.9
S39A Bolivar	76.23	344	P	P	21 57 43.0	-1.6
T36A Boggs Farm, Ca	76.25	342	P	P	21 57 43.7	-1.1
U33A Lingo Farm, Me	76.25	340	P	P	21 57 43.7	-1.1
T35A Sooner Cattle	76.27	341	P	P	21 57 44.6	-0.4
S38A Stockton	76.31	343	P	P	21 57 43.7	-1.4
BLO Bloomington	76.40	349	eP	P	21 57 45.1	-0.5
BLO Bloomington	76.40	349	eP	Pmax	21 57 45.1	-0.5
U32A Winter Ranch,	76.45	339	P	P	21 57 45.6	-0.4
T34A McClaskey Farm	76.55	341	P	P	21 57 46.2	-0.3
LIC Lamto	76.57	72	ePKP1	P	21 57 47.3	+0.1
R40A Maddies Statio	76.58	345	P	P	21 57 45.5	-1.1
S37A Fort Scott	76.65	343	P	P	21 57 46.3	-0.7
R39A Chumby, Stover	76.77	344	P	P	21 57 46.7	-1.0

S36A Lake Cedric, C	76.80	342	P	P	21 57 47.1	-0.8
R38A Fenwick Farm,	76.84	343	P	P	21 57 47.0	-1.1
TIC Tournidi	76.84	74	ePKP1	P	21 57 48.8	+0.1
KIC Kosan Boka	76.87	72	ePKP1	P	21 57 47.9	-1.0
T33A Patterson Ranc	76.90	340	P	P	21 57 48.3	-0.1
S35A Otter Creek Ra	76.94	341	P	P	21 57 48.0	-0.7
BNM Barren Site	76.97	332	eP	P	21 57 51.7	+2.5
DBIC Alum Creek Sta	76.98	71	P	P	21 57 49.9	+0.4
DBIC comp=Z,24nm,0.8s,baz=206,slow=7.3,SNR=44				LR	22 27 54.2	
DBIC comp=Z,3um,20.8s,baz=32,slow=33						
DBIC Dimbokro	76.98	71	eP	P	21 57 49.5	0.0
DBIC Dimbokro	76.98	71	eP	P	21 57 49.5	0.0
DBIC comp=Z,29nm,0.8s				Pmax		
ACSO Alum Creek Sta	77.00	352	eP	P	21 57 48.3	-0.6
TUC Tucson	77.02	328	P	P	21 57 50.0	+0.7
TUC Tucson	77.02	328	eP	P	21 57 51.7	+2.3
TUC Tucson	77.02	328	eP	Pmax	21 57 51.7	+2.3
U30A WK&C Inc. Baulk	77.09	338	P	P	21 57 49.4	-0.2
LPM Los Pinos Moun	77.11	332	eP	P	21 57 51.8	+1.8
R37A Teagarden Farm	77.17	343	P	P	21 57 49.4	-0.6
Q40A Laux Farm, Aux	77.21	345	P	P	21 57 48.6	-1.5
S33A Kaszmaul Farm,	77.31	340	P	P	21 57 50.0	-0.8
T31A Randall Ranch,	77.32	339	P	P	21 57 50.1	-0.8
R36A Gordon, Harris	77.35	342	P	P	21 57 50.3	-0.6
LAZ Ladrone	77.38	332	eP	P	21 57 52.7	+1.2
N54A Mrairie State	77.45	355	P	P	21 57 50.7	-0.7
Q39A Willow Grove F	77.45	344	P	P	21 57 50.5	-1.0
Q38A Cooks Store, C	77.51	344	P	P	21 57 51.5	-0.4
R35A Emporia Munic	77.52	342	P	P	21 57 51.6	-0.4
214A Organ Pipe Nat	77.60	326	P	P	21 57 51.8	-0.8
ANMO Albuquerque	77.61	333	P	P	21 57 53.3	+0.6
ANMO Albuquerque	77.61	333	eP	P	21 57 52.5	-0.3
ANMO Albuquerque	77.61	333	eP	P	21 57 53.6	+0.9
ANMO Albuquerque	77.61	333f	eP	Pmax	21 57 53.0	+0.2
ANMO comp=Z,12nm,1.1s				Pmax		
Q37A Longview Farm,	77.62	343	P	P	21 57 51.7	-0.7
P40A Paris	77.72	345	P	P	21 57 51.6	-1.4
S31A Mullville	77.75	339	P	P	21 57 52.6	-0.7
R34A Isabella, Hill	77.77	341	P	P	21 57 52.5	-0.9
P39A Salisbury	77.83	345	P	P	21 57 52.3	-1.3
T29A Hugoton	77.86	337	P	P	21 57 53.0	-1.0
Q36A Arnold C. Orve	77.94	342	P	P	21 57 53.8	-0.5
R33A Olander Ranch,	77.97	340	P	P	21 57 53.8	-0.6
S30A Montezuma	78.06	338	P	P	21 57 54.8	-0.2
P38A Davenport	78.13	344	P	P	21 57 54.4	-0.9
HDIL Hopedale	78.20	348	P	P	21 57 55.0	-0.6
HDIL Hopedale	78.20	348	eP	P	21 57 55.1	-0.5
S29A Ulysses	78.23	338	P	P	21 57 55.3	-0.7
Q40A La Belle	78.26	346	P	P	21 57 54.5	-1.5
Q34A Chapman	78.27	341	P	P	21 57 55.2	-0.9
P37A Lathrop	78.28	344	P	P	21 57 55.1	-1.0
R32A Long Quarter,	78.28	340	P	P	21 57 54.9	-1.3
KSU1 Kansas State U	78.36	342	P	P	21 57 56.1	-0.5
KSU1 Kansas State U	78.36	342	eP	P	21 57 56.5	-0.1
R31A Burdett	78.38	339	P	P	21 57 56.5	-0.3
S28A Mantar	78.45	337	P	P	21 57 56.8	-0.4
P36A Good Intent, A	78.51	343	P	P	21 57 56.1	-1.2
Q39A Kirksville	78.52	345	P	P	21 57 57.2	-0.2
Q33A Connelly Farm,	78.58	341	P	P	21 57 57.4	-0.4
Q38A Galt	78.59	344	P	P	21 57 57.1	-0.7
R30A Dighton	78.60	339	P	P	21 57 57.4	-0.6
X18A Snowflake	78.60	330	eP	P	21 58 01.3	+3.0
P35A Duane Minner,	78.62	342	P	P	21 57 57.6	-0.4
Q32A Meitler Ranch,	78.72	340	P	P	21 57 58.3	-0.5
Q37A Wolfen Farm, M	78.78	344	P	P	21 57 58.3	-0.6
P34A Walnut Farm, R	78.83	342	P	P	21 57 58.7	-0.5
T25A Trinidad	78.85	335	P	P	21 57 59.9	+0.3
CBKS Cedar Bluff	78.93	339	P	P	21 57 59.7	-0.1
CBKS Cedar Bluff	78.93	339	eP	P	21 58 00.7	+0.9
CBKS Cedar Bluff	78.93	339	eP	Pmax	21 58 00.7	+0.9
CBKS comp=Z,50nm,1.3s				Pmax		
O36A Bolckow	78.94	343	P	P	21 57 58.9	-0.9
TRY Troy	78.98	360	eP	P	21 58 01.6	+1.8
R29A Marienthal	78.98	338	P	P	21 58 00.4	+0.3
Q31A Ellis	79.01	340	P	P	21 58 00.8	+0.6
W18A Petrified Fore	79.03	330	P	P	21 58 02.2	+1.7
W18A Petrified Fore	79.03	330	eP	P	21 58 02.6	+2.0
R28A Tribune	79.11	338	P	P	21 58 00.3	-0.5
N39A Derby Farms, D	79.11	345	P	P	21 58 00.1	-0.6
X16A Lo Mia Camp, P	79.12	329	eP	P	21 58 03.2	+2.2
N38A Jones South For	79.19	345	P	P	21 58 00.6	-0.5
Q30A Quinter	79.22	339	P	P	21 58 01.1	-0.3
Q35A Humboldt	79.29	343	P	P	21 58 00.9	-0.7
Q29A Oakley	79.36	338	P	P	21 58 01.8	-0.4
P32A Huiting Farm,	79.37	340	P	P	21 58 01.9	-0.3
Y14A Wickenburg	79.37	327	eP	P	21 58 04.4	+2.0
Q34A Beatrice	79.40	342	P	P	21 58 01.6	-0.6
TSUM Tsumeb	79.48	106	eP	P	21 58 04.6	+1.1

P31A Stockton	79.49	340	P	P	21 58 02.5	-0.3
O33A Hebron	79.53	341	P	P	21 58 02.2	-0.8
BOSA Boshof	79.75	118	P	P	21 58 04.8	0.0
BOSA Boshof	79.75	118	eP	P	21 58 04.2	-0.7
BOSA Boshof	79.75	118	eP	Pmax	21 58 04.2	-0.7
P30A Selden	79.76	339	P	P	21 58 04.0	-0.3
SDCO Great Sand Dun	79.77	335	P	P	21 58 04.7	-0.1
SDCO Great Sand Dun	79.77	335	eP	P	21 58 05.2	+0.5
M38A Pleasantville	79.78	345	P	P	21 58 03.8	-0.5
Q28A Sharon Springs	79.78	338	P	P	21 58 04.2	-0.3
N35A Tabor	79.79	343	P	P	21 58 03.9	-0.5
Y						

11d 22h

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like AAK, TKM2, KURK, etc.

2011 FEB

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like TWM1, TWG, TWG, etc.

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Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like SAML, ATAH, BDFB, etc.

GU C 11 21:54:26.6:0.5,36:65S:73:33W,h19km,8km,ML3.9

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like CCSP, COCH, CCHI, etc.

GU C 11 21:56:36.4:0.8,36:62S:73:35W,h14km,16km,ML3.5

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like CCSP, COCH, CCHI, etc.

TAP 11 21:58:09.4,22:06N:120:39E,h43km,ML3.7,2C-5D,D

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like TWP, HEN, SCZT, etc.

GU C 11 22:19:05.0:0.5,36:50S:73:22W,h7km,9km,ML3.6,2D

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like CCSP, COCH, CCHI, etc.

CSEM 11 22:19:10.2:0.4,31:62S:71:28W,h31km,3km,ML4.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like SARI, PINB, KOZT, etc.

GU C 11 22:19:05.0:0.5,36:50S:73:22W,h7km,9km,ML3.6,2D

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like CCSP, COCH, CCHI, etc.

CSEM 11 22:19:10.2:0.4,31:62S:71:28W,h31km,3km,ML4.0

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like SARI, PINB, KOZT, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Tololo Astrono, Cerro Valdivia, Cerro Villicura, etc.

ISC 11 22:20:47.9, 39.97N, 39.92E, h7km, MD2.7
ISCJB 11 22:20:48.0, 39.97N, 39.92E, h7km, MD2.7

CSEM 11 22:20:48.0, 39.96N, 39.82E, h8km, MD2.8, Error ellipse: s-maj=4.5km s-min=3.8km az=129.0

DDA 11 22:20:48.8, 39.96N, 39.89E, h7km, MD2.8
ISC 11 22:20:48.9, 1.2, 39.97N, 0.02, 39.87E, h2km, 10km, n33, c101/49, Turkey

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Uzumlu, Erzincan, Ayo-intepe-Bay, etc.

ISC 11 22:34:11.0, 2.1, 20.55S, 168.44E, h0km, mb3.6/4, mb1.3/9.5, mb1mx3.7/32, mbmtmp3.6/5, ML3.6/1, Error ellipse: s-maj=84.1km s-min=29.3km az=145.0, Loyalty Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Mont Dzumac, Warramunga Arr, ASAR, etc.

ISCJB 11 22:36:52.9, 0.5, 40.00N, 0.03, 39.85E, h0km, mb3.6/4, Error ellipse: s-maj=6.2km s-min=4.1km az=27.4

CSEM 11 22:36:52.7, 0.2, 39.96N, 39.87E, h8km, MD2.8, Error ellipse: s-maj=5.1km s-min=3.9km az=122.0

ISC 11 22:36:52.5, 39.98N, 39.89E, h8km, MD2.7
DDA 11 22:36:53.2, 39.95N, 39.89E, h13km, MD2.8
ISC 11 22:36:52.8, 1.1, 39.96N, 0.02, 39.88E, h0km, n24, c056/34, Turkey

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like San Pedro de C, COCH, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Uzumlu, Erzincan, Ayo-intepe-Bay, etc.

ISC 11 22:39:09.0, 1.7, 5.23S, 141.36E, h0km, mb3.5/5, mb1.3/7.8, mb1mx3.6/25, mbmtmp3.6/8, ML3.6/3, Error ellipse: s-maj=60.0km s-min=20.4km az=99.0

ISCJB 11 22:39:12.5, 0.6, 5.31S, 141.08E, h0km, h33km, mb3.5/5, Error ellipse: s-maj=12.4km s-min=7.2km az=161.2

ISC 11 22:39:13.6, 1.5, 5.46S, 0.09, 141.1E, h0km, n11, c274/12, mb3.5/5, New Guinea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Jayapura, Port Moresby, Warramunga Arr, etc.

ISC 11 22:50:32.8, 1.4, 36.85S, 73.47W, h0km, mb3.9/8, mb1.4/1.8, mb1mx4.0/27, mbmtmp3.9/8, Error ellipse: s-maj=45.7km s-min=31.4km az=17.0

ISCJB 11 22:50:36.6, 0.5, 36.55S, 0.04, 73.39W, h0km, h27km, mb3.9/12, Error ellipse: s-maj=6.9km s-min=6.1km az=157.9

NEIC 11 22:50:36.0, 36.55S, 73.37W, h7km, mb4.0/6, ML3.9(GUC), After GUC.

GUC 11 22:50:36.1, 0.5, 36.55S, 73.37W, h7km, 15km, ML3.9

ISC 11 22:50:38.2, 0.7, 36.56S, 0.06, 73.35W, h0km, h27km, n34, c1916/38, mb4.0/12, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like San Pedro de C, COCH, etc.

ISC 11 22:50:02.6, 0.2, 5.23S, 121.1E, h10km, M3.9/10, ML3.9/10, Sulawesi

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Tana Toraja, Ampana, Palu, etc.

ISC 11 23:08:59.9, 1.1, 36.47S, 73.43W, h0km, mb3.9/9, mb1.4/1.10, mb1mx4.0/21, mbmtmp3.9/10, ML3.5/1, Error ellipse: s-maj=38.0km s-min=18.9km az=65.0

ISCJB 11 23:09:02.0, 2.5, 36.54S, 0.05, 73.54W, h0km, h27km, mb4.2/25, Error ellipse: s-maj=8.7km s-min=5.4km az=31.4

NEIC 11 23:09:02.0, 36.53S, 73.43W, h10km, mb4.3/16, After GUC

GUC 11 23:09:02.0, 0.6, 36.53S, 73.43W, h10km, 7km, ML3.7

ISC 11 23:09:03.8, 0.6, 36.53S, 0.06, 73.35W, h0km, h27km, n32, c069/35, mb4.2/25, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Makanchi Array, Songoing Array, etc.

ISC 11 22:56:56.7, 1.1, 4.30S, 0.09, 102.18E, h0km, n23, c1871/18, mb3.5/6, Southern Sumatra

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Kapahiang, Maura Aman, Lahat, etc.

CSEM 11 23:04:10.7, 0.2, 37.85N, 27.39E, h5km, MD2.7, Error ellipse: s-maj=5.6km s-min=4.6km az=44.0

ISC 11 23:04:10.4, 37.87N, 27.40E, h10km, MD2.6

DDA 11 23:04:11.3, 37.76N, 27.36E, h7km, MD2.7

ISC 11 23:04:10.7, 1.1, 37.83N, 0.03, 27.37E, h0km, 11km, n19, c051/23, Turkey

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like G2zelcam!, Zeytinkoy-Aydi, etc.

ISC 11 23:09:02.6, 0.2, 5.23S, 121.1E, h10km, M3.9/10, ML3.9/10, Sulawesi

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Tana Toraja, Ampana, Palu, etc.

ISC 11 23:08:59.9, 1.1, 36.47S, 73.43W, h0km, mb3.9/9, mb1.4/1.10, mb1mx4.0/21, mbmtmp3.9/10, ML3.5/1, Error ellipse: s-maj=38.0km s-min=18.9km az=65.0

ISCJB 11 23:09:02.0, 2.5, 36.54S, 0.05, 73.54W, h0km, h27km, mb4.2/25, Error ellipse: s-maj=8.7km s-min=5.4km az=31.4

NEIC 11 23:09:02.0, 36.53S, 73.43W, h10km, mb4.3/16, After GUC

GUC 11 23:09:02.0, 0.6, 36.53S, 73.43W, h10km, 7km, ML3.7

ISC 11 23:09:03.8, 0.6, 36.53S, 0.06, 73.35W, h0km, h27km, n32, c069/35, mb4.2/25, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like San Pedro de C, COCH, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like ROSC El Rosal, SDV Santo Domingo, JTS Juntas Abangare, etc.

ISC 11 23:10:25.4±2.9, 12°80'S, 166°88'E, h125km, 24km, mb3.7/12, mb1.3/8.14, mb1mx3.7/31, mbtmp4.1/14, Error ellipse: s-maj=22.0km s-min=17.0km az=78.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like HNR Honiara, HNR Mont Dzumac, DZM Mont Dzumac, etc.

ISC 11 23:11:46.6, 40°46'N, 27°69'E, h11km, MD2.9 CSEM 11 23:11:47.2±0.2, 40°47'N, 27°72'E, h10km, MD2.9, Error ellipse: s-maj=4.3km s-min=7km az=27.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like MRMT Marmara Adasi, MRMT Marmara Adasi, EDC Edincik, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like MANT Manisa, MANT Manisa, MANT Manisa, etc.

ISC 11 23:16:54.1±0.8, 36°67'S, 73°31'W, h0km, mb4.0/12, mb1.4/2.13, mb1mx4.1/31, mbtmp4.1/13, ML4.3/1, Error ellipse: s-maj=28.2km s-min=17.0km az=58.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like CANA Cavihue, CANA Cavihue, ROCI El Roble, etc.

CASC 11 23:23:14.7±1.9, 8°84'N, 83°07'W, h20km±11km, MD3.5, IC-10, Costa Rica

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like CTRC Cotoan, CTRC Cotoan, BRUZ Volcan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like GUC 11 23:39:16.6±0.9, 37°12'S, 74°25'W, h38km, 12km, ML5.3, etc.

ISC 11 23:39:21.0±0.1, 37°45'S, 74°11'W, h16km, MW6.0/126, Moment Tensor Solution, s97, c162, s126, c325, Duration: 2.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include stations like CCSP San Pedro de C, CCSP San Pedro de C, COCH Cobqueua, etc.

ISC 11 23:31:37.7±1.1, 17°15'S, 178°8'W, h453km, mb3.9/8, Error ellipse: s-maj=52.5km s-min=17.1km az=149.5

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

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Table with columns for call sign, name, frequency, and other details. Includes entries like PTGA, PAYG, POPC, CHOC, ROSC, etc.

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Table with columns for call sign, name, frequency, and other details. Includes entries like ZAIG, MEH, 035Z, 035A, etc.

11d 23h

Table with columns for call sign, name, frequency, and other details. Includes entries like 333A, KMSC, 138A, etc.

V39A	Green Forest	75.56 343	P	P	23 51 04.8 0.0
V36A	Jenks	75.59 341	P	P	23 51 05.3 +0.4
X31A	McDonald Ranch	75.63 338	P	P	23 51 06.2 +1.0
TUL1	Leonard	75.67 341	P	P	23 51 06.5 +1.1
TUL1	Leonard	75.67 341	eP	P	23 51 04.8 -0.6
W33A	Caddo, Fort Co	75.67 339	P	P	23 51 07.2 +1.8
V35A	Meyer Ranch, C	75.80 341	P	P	23 51 06.8 +0.7
U38A	Gravette	75.82 343	P	P	23 51 07.4 +1.1
W32A	Sentinel	75.87 337	P	P	23 51 07.2 +0.6
MSTX	Muleshoe	75.91 335	P	P	23 51 06.7 -0.3
MSTX	Muleshoe	75.91 335	eP	P	23 51 07.2 +0.2
MSTX			LR	LR	
U37A	Salina	75.97 342	P	P	23 51 08.2 +1.1
USIN	University of				23 51 10.9 +3.8
SIUC	Southern Illin	75.98 347	eP	pP	23 51 11.8 -0.7
319A	Douglas	76.02 329	eP	pP	23 51 12.0 -1.1
319A			LR	LR	
V34A	Guthrie	76.05 340	P	P	23 51 09.4 +1.8
T40A	Mansfield	76.08 344	P	P	23 51 08.1 +0.4
U36A	Oologah	76.11 342	P	P	23 51 08.2 +0.4
W31A	Holland Ranch,	76.14 338	P	P	23 51 08.4 +0.2
T39A	Cleaver	76.15 344	P	P	23 51 08.9 +0.8
V33A	Lossen Ranch,	76.25 339	P	P	23 51 10.1 +1.4
W30A	Crocket Farms	76.32 337	P	P	23 51 09.4 +0.2
U35A	Pawnee	76.34 341	P	P	23 51 10.3 +1.1
V32A	Arapaho	76.37 339	P	P	23 51 10.1 +0.6
T38A	Diamond	76.37 343	P	P	23 51 09.7 +0.4
AMTX	Amarillo	76.39 336	P	P	23 51 10.2 +0.5
AMTX	Amarillo	76.39 336	eP	P	23 51 08.7 -0.9
121A	Cookes Peak, D	76.44 331	P	P	23 51 12.2 +2.2
121A	Cookes Peak, D	76.44 331	eP	P	23 51 12.3 +2.2
S40A	Lebanon	76.51 345	P	P	23 51 10.9 +0.8
T37A	Cheneyville 18	76.60 343	P	P	23 51 11.1 +0.4
U34A	Anderson Ranch	76.62 340	P	P	23 51 10.7 -0.1
U34A	Anderson Ranch	76.62 340	eP	P	23 51 16.4 +5.6
V31A	Spring Creek	76.65 338	P	P	23 51 12.0 +1.0
CASY	Casey	76.77 182	PFAKE	LR	23 51 20.0 +8.6
U33A	Lingo Farm, Me	76.77 340	P	P	23 51 13.9 +2.2
S39A	Bolivar	76.78 344	P	P	23 51 12.8 +1.2
T36A	Boggs Farm, Ca	76.78 342	P	P	23 51 10.5 -1.1
OLIL	Olney	76.79 348	eP	P	23 51 16.6 +4.9
T35A	Sooner Cattle	76.80 341	P	P	23 51 11.4 -0.4
S38A	Stockton	76.85 343	P	P	23 51 12.1 0.0
V30A	Spur Ranch, Mi	76.89 338	P	P	23 51 12.3 -0.2
LIC	Lamto	76.91 72	eP	P	23 51 12.9 -0.1
U32A	Winter Ranch,	76.97 339	P	P	23 51 13.1 +0.3
BLO	Bloomington	76.98 350	eP	P	23 51 11.9 -0.8
BLO	Bloomington	76.98 350	eP	pP	23 51 17.4 -0.8
BLO	Bloomington	76.98 350	eP	pP	23 51 17.4 -0.8
BLO	Bloomington	76.98 350	eP	pP	23 51 17.4 -0.8
SLM	Saint Louis	77.06 347	eP	P	23 51 18.8 +5.6
SLM	Saint Louis	77.06 347	eP	pmax	23 51 18.8 +5.6
R34A	McClaskey Farm	77.08 341	P	P	23 51 14.8 +1.5
T40A	Maddies Statio	77.13 345	P	P	23 51 14.8 +1.2
TIC	Tomoudi	77.19 71	eP	P	23 51 15.3 +0.7
U31A	Nine Bar Ranch	77.21 338	P	P	23 51 14.8 +0.6
KIC	Kosan Boka	77.22 72	eP	P	23 51 15.5 +0.8
O56A	Blue Knob Stat	77.27 356	P	P	23 51 14.1 -0.3
R39A	Chumby, Stover	77.31 344	P	P	23 51 14.7 0.0
DBIC	Dimbokro	77.33 71	eP	P	23 51 15.1 -0.2
DBIC	Dimbokro	77.33 71	eP	LR	00 23 45.7
DBIC	Dimbokro	77.33 71	eP	P	23 51 15.6 +0.3
DBIC	Dimbokro	77.33 71	eP	pmax	23 51 15.6 +0.3
S36A	Lake Cedric, C	77.34 342	P	P	23 51 15.2 +0.4
R38A	Fenwick Farm,	77.38 344	P	P	23 51 15.4 +0.4
T33A	Patterson Ranch	77.42 340	P	P	23 51 16.4 +1.1
TUC	Tucson	77.46 328	P	P	23 51 17.9 +2.2
TUC	Tucson	77.46 328	eP	P	23 51 15.8 +0.1
TUC			LR	LR	
TUC			eP	pmax	23 51 15.8 +0.1
TUC			MLR	MLR	
S35A	Otter Creek Ra	77.48 342	P	P	23 51 16.3 +0.7
Y22D	IRIS PASCAL I	77.48 332	PFAKE	LR	23 51 30.0 +1.4
LPM	Los Pinos Moun	77.58 332	eP	P	23 51 15.2 -1.3
ACSO	Alum Creek Sta	77.58 353	eP	P	23 51 15.1 -1.0
U30A	WK&E Inc. Balk	77.59 338	P	P	23 51 17.3 +1.0
S34A	Willow Spring	77.70 341	P	P	23 51 17.9 +1.1
T32A	Huddler Ranch,	77.70 339	P	P	23 51 16.8 -0.1
U29A	Oasis Ranch, S	77.71 337	P	P	23 51 19.1 +2.1
R37A	Teagarden Farm	77.72 343	P	P	23 51 16.5 -0.4
O40A	Laux Farm, Aux	77.77 345	P	P	23 51 16.1 -1.1
N59A	State Game Lan	77.81 358	P	P	23 51 18.3 +0.9
S33A	Kasznaul Farm,	77.83 340	P	P	23 51 17.9 +0.3
T31A	Randall Ranch,	77.83 339	P	P	23 51 17.9 +0.3

R36A	Gordon, Harris	77.89 342	P	P	23 51 17.8 0.0
ODNJ	Ogdenburg	77.95 359	PFAKE	LR	23 51 30.0 +1.2
ODNJ			LR	LR	
Q39A	Willow Grove, 18.0s	78.00 345	P	P	23 51 19.3 +0.8
214A	Organ Pipe Nat	78.03 327	P	P	23 51 17.6 -1.2
214A	Organ Pipe Nat	78.03 327	eP	P	23 51 19.3 +0.5
T30A	Plains	78.04 338	P	P	23 51 19.8 +1.0
N54A	Maine State	78.05 355	P	P	23 51 19.6 +0.9
R35A	Emporia Munic	78.05 342	P	P	23 51 19.2 +0.4
Q38A	Cooks Store, C	78.06 344	P	P	23 51 19.2 +0.4
ANMO	Albuquerque	78.08 333	P	P	23 51 20.0 +0.7
ANMO	Albuquerque	78.08 333	eP	P	23 51 19.3 0.0
ANMO	Albuquerque	78.08 333	eP	pmax	23 51 19.5 +0.2
ANMO			pmax	pmax	
Q37A	Longview Farm,	78.17 343	P	P	23 51 20.2 +0.8
YLE	Yale	78.18 0	PFAKE	LR	23 51 30.0 +1.1
YLE			LR	LR	
S32A	Newby Ranch, P	78.19 340	P	P	23 51 21.8 +2.2
SFIN	Lafayette	78.24 349	P	P	23 51 19.5 -0.2
S31A	Mullinville	78.27 339	P	P	23 51 20.3 +0.3
P40A	Paris	78.28 345	P	P	23 51 19.7 -0.3
R34A	Isabella, Hill	78.30 341	P	P	23 51 21.3 +1.1
T29A	Hugoton	78.37 338	P	P	23 51 20.5 -0.2
P39A	Salisbury	78.38 345	P	P	23 51 19.9 -0.7
KSPA	Keystone Colle	78.44 358	PFAKE	LR	23 51 30.0 +9.1
KSPA			LR	LR	
Q36A	Arnold, C. Orve	78.48 343	P	P	23 51 20.4 -0.7
R33A	Olander Ranch,	78.50 341	P	P	23 51 22.4 +1.1
Q35A	Mercer Eighty,	78.52 342	P	P	23 51 22.1 +0.8
S30A	Montezuma	78.57 338	P	P	23 51 21.9 +0.2
P38A	Dawn	78.68 344	P	P	23 51 22.2 +0.1
S29A	Ulysses	78.74 338	P	P	23 51 22.5 -0.2
HDIL	Hopedale	78.76 348	P	P	23 51 23.1 +0.5
HDIL	Hopedale	78.76 348	eP	pP	23 51 27.0 -1.1
HDIL			LR	LR	
BRYW	Bryant College	78.80 1	PFAKE	LR	23 51 30.0 +7.2
BRYW			LR	LR	
R32A	Long Quarter	78.80 340	P	P	23 51 23.6 +0.7
Q34A	Chapman	78.81 342	P	P	23 51 22.2 -0.8
O40A	La Belle	78.82 344	P	P	23 51 21.5 -1.4
P37A	Lathrop	78.82 346	P	P	23 51 19.9 -1.1
KSU1	Kansas State U	78.89 342	P	P	23 51 23.4 0.0
R31A	Burdett	78.90 339	P	P	23 51 23.8 +0.3
S28A	Mantler	78.95 337	P	P	23 51 23.3 -0.6
P36A	Good Intent, A	79.05 343	P	P	23 51 24.6 +0.4
X18A	Snowflake	79.05 330	eP	P	23 51 26.6 +2.0
X18A			LR	LR	
O39A	Kirksville	79.08 345	P	P	23 51 24.0 -0.3
BINY	Binghamton	79.09 358	PFAKE	LR	23 51 40.0 +1.6
Q33A	Connelly Farm,	79.11 341	P	P	23 51 23.4 -1.2
R30A	Dighton	79.11 339	P	P	23 51 24.2 -0.5
113A	Mohawk Valley,	79.14 326	eP	P	23 51 25.1 +0.2
113A			eP	pP	23 51 30.4 +0.1
Q38A	Galt	79.14 345	P	P	23 51 24.0 -0.7
QUA2	Belchertown	79.14 1	PFAKE	LR	23 51 40.0 +1.5
QUA2			LR	LR	
P35A	Duane Minner,	79.15 342	P	P	23 51 25.2 +0.4
ERPA	Erie	79.20 355	PFAKE	LR	23 51 40.0 +1.5
ERPA			LR	LR	
Q32A	Mettler Ranch,	79.29 340	P	P	23 51 25.6 -0.1
O37A	Wolven Farm, M	79.33 344	P	P	23 51 26.9 +1.2
T25A	Trinidad	79.34 335	P	P	23 51 26.5 +0.3
T25A	Trinidad	79.34 335	eP	P	23 51 26.5 +0.3
P34A	Walnut Farm, R	79.37 342	P	P	23 51 26.0 0.0
CBKS	Cedar Bluff	79.45 339	P	P	23 51 27.2 +0.6
CBKS	Cedar Bluff	79.45 339	eP	P	23 51 28.8 +2.3
CBKS	Cedar Bluff	79.45 339	eP	pmax	23 51 28.8 +2.3
CBKS			pmax	pmax	
TSMU	Tsumeb	79.46 106	eP	P	23 51 27.5 +0.2
TSMU			LR	LR	
W18A	Petrified Fore	79.48 330	P	P	23 51 27.2 +0.2
O36A	Bolckow	79.48 343	P	P	23 51 27.7 +1.2
P33A	Williams Farm,	79.48 341	P	P	23 51 27.4 +0.7
R29A	Marienthal	79.49 338	P	P	23 51 28.5 +1.7
Q31A	Ellis	79.53 340	P	P	23 51 26.9 -0.1
X16A	Lo Mia Camp, P	79.56 329	eP	P	23 51 29.1 +1.7
X16A			LR	LR	
MOZ	McQueen's Vall	79.59 222	PFAKE	LR	23 51 40.0 +1.3
MOZ			LR	LR	
TRY	Troy	79.59 360	PFAKE	LR	23 51 40.0 +1.3
TRY			LR	LR	
BOSA	Boshof	79.61 118	P	P	23 51 27.9 -0.1
BOSA			LR	LR	00 23 30.7
BOSA	Boshof	79.61 118	eP	P	23 51 26.9 -1.1
BOSA	Boshof	79.61 118	eP	pmax	23 51 26.9 -1.1
BOSA			pmax	pmax	
R28A	Tribune	79.62 338	P	P	23 51 27.7 +0.2
N39A	Derby Farms, D	79.67 345	P	P	23 51 26.5 -1.1
CRLZ	Canterbury Las	79.69 222	PFAKE	LR	23 51 40.0 +1.2
CRLZ			LR	LR	
N38A	Joel South For	79.74 345	P	P	23 51 27.2 -0.7

Q30A	Quinter	79.74 339	P	P	23 51 28.7 +0.6
ODZ	Otahua Downs	79.74 220	PFAKE	LR	23 51 40.0 +1.2
ODZ			LR	LR	
Y14A	Wickenburg	79.80 327	eP	P	23 51 30.2 +1.6
Y14A			LR	LR	
O35A	Humboldt	79.83 343	P	P	23 51 28.9 +0.4
GLA	Glamis	79.85 326	P	P	23 51 29.9 +1.0
GLA	Glamis	79.85 326	eP	P	23 51 33.8 +4.9
GLA	Glamis	79.85 326	eP	LR	23 51 33.8 +5.0
GLA	Glamis	79.85 326	eP	pmax	23 51 33.8 +5.0
GLA			MLR	MLR	
Q29A	Oakley	79.88 339	P	P	23 51 29.8 +1.0
P32A	Huizing Farm,	79.90 341	P	P	23 51 30.0 +1.1
N37A	Lee Farms, Mou	79.91 344	P	P	23 51 29.7 +0.8
O34A	Beatrice	79.94 342	P	P	23 51 30.2 +1.1
KHZ	Kahutara	79.97 224	PFAKE	LR	23 51 40.0 +1.1
KHZ			LR	LR	
P31A	Stockton	80.01 340	P	P	23 51 29.8 +0.3
SNZO	South Karori	80.04 225	PFAKE	LR	23 51 40.0 +1.0
SNZO			LR	LR	
O33A	Hebron	80.06 341	P	P	23 51 31.6 +1.9
IBP	Imperial Bould	80.10 325	P	P	23 51 31.2 +1.0
N36A	Muff Farm, Cla	80.13 344	P	P	23 51 30.9 +0.8
OXZ	Oxford	80.17 222	PFAKE	LR	23 51 40.0 +9.4
OXZ			LR	LR	
SWSC	Sam W. Stewart	80.20 325	P	P	23 51 33.7 +3.0
ACCN	Adirondack Com	80.24 360	PFAKE	LR	

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like CTAO Charters Tower, BFO Black Forest, CUC Castrocucco, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like VTS Vitosh, COEN Coen, PSZ Piszkesteto, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like SEY Seymchan, ARU Ariti, ARU Arti, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like N23A Red Feather La, BUR08 Bucovina Ar. S, and many others.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like N38A Joes South For, Y31A Rekieta Farm, and many others.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like HHC comp=Z,1µm,16.1s, QIZ comp=Z,1µm,16.5s, and many others.

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Table with columns: WRAB, WB2, WRA, FITZ, TAPN, ODAN, ZAAO, ZALV, ZALV, RAMN, JIRN, GUN, PKIN, KKN, MK01, MK31, MK31, MKAR, MKAR, MKAR, GKN, AS01, ASAR, DANN, KOLN, PYUN, KURK, KURK, KURK, KSH, KSH, KSH, KSH, KSH, KSH, KSH, COLA, COLA, AAK, AAK, ILAR, BRVK, BRVK, BRVK, STKA, ZRKN, ZRKN, ZRKN, KKAR, KKAR, INK, SVE, ARU, ARU, ARU, ABKAR, GEYT, YKA, YKA, YKA, KLMR, ARCES, ARCES, OBN, OBN, OBN, FINES, ZEI, ZEI, KBZ, GNI, VSU, VSU, NV01, NV01, AKAS, KIEV, KIEV, PDAR, NOA, RAYN, BR131, BRTR, BR231, CRVS, CRVS, DPC, DPC, DPC, VYHS, VYHS, CLL, CLL, CLL, GERES, TXAR, TORD, TORD

2011 FEB

Table with columns: PTGA, LPAZ, ISK, CSEM, DDA, ISC, Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC

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Table with columns: MATE, TRUS, TRUS, BOLB, BOLB, FEKS, FEKS, VTS, VTS, KUBS, KUBS, FRGS, FRGS, MDVR, MDVR, BLY, BLY, BBL, BBL, UDBI, UDBI, BZS, BZS, BZS, BZS, NVLJ, NVLJ, NVLJ, NVLJ, PKSM, PKSM, PKSM, PKSM, ARR, ARR, Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KMRS Kahramanmaras, HCB Kahramanmara, KVT Kavak, etc.

CSEM 12 00:36:06.9, 0.4, 67.85N:20.41E, h2km, ML0.9, Error ellipse: s-maj=9.4km s-min=7.9km az=176.0, Mining explosion.

HEL 12 00:36:08.0, 67.95N:20.02E, h0km, ML 1.8, Explosion UPP 12 00:36:08.1, 67.84N:20.23E, h0km, ML0.9, Mining explosion., Sweden

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NIKU Nikkaluokta, LANU Lannavaara, LANU Lannavaara, etc.

CSEM 12 00:36:11.4, 0.6, 67.91N:20.14E, h1km, ML1.4, Error ellipse: s-maj=19.1km s-min=13.1km az=161.0, Mining explosion., Sweden

UPP 12 00:36:11.5, 67.85N:20.19E, h0km, ML1.4, Mining explosion., Sweden

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KUA Kuravaara, NIKU Nikkaluokta, SALU Saitoluokta, etc.

NEIC 12 00:40:13.9, 0.4, 23.81S:173.61W, h5km, mb4.3/10, Error ellipse: s-maj=12.4km s-min=7.1km az=176.0, ISCJB 12 00:40:16.1, 0.6, 23.85S:0.17:173.58W:0.09, h3km, mb4.3/12, Error ellipse: s-maj=19.5km s-min=12.0km az=171.5

IDC 12 00:40:17.8, 26.0, 23.43S:174.30W, h0km, mb4.2/4, mb1 4.4/4, mb1mx3.9/37, mbtmp4.2/4, Error ellipse: s-maj=483.6km s-min=149.5km az=79.0, ISC 12 00:40:18.3, 0.7, 23.85S:0.2:173.59W:0.10, h35km, n16, o#62/16, mb4.3/12, Tonga Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RAR Rarotonga, FUNA Funafuti, HNR Honiara, etc.

IDC 12 00:40:39.0, 2.2, 37.29S:74.01W, h0km, mb3.6/3, mb1 3.8/4, mb1mx3.6/29, mbtmp3.5/4, ML3.3/1, Error ellipse: s-maj=71.5km s-min=21.2km az=61.0, Off coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PLCA Paso Flores, LPAZ La Paz, TXAR Torodi Ar. Bea, etc.

IDC 12 00:43:51.8, 1.5, 35.99S:73.26W, h0km, mb3.8/5, mb1 4.1/6, mb1mx3.9/25, mbtmp3.6/6, ML3.9/1, Error ellipse: s-maj=58.1km s-min=28.6km az=40.0, ISCJB 12 00:43:52.5, 0.6, 36.64S:0.05:73.41W:0.05, h27km, mb4.0/16, Error ellipse: s-maj=7.6km s-min=6.3km az=9.5

GUC 12 00:43:53.0, 0.5, 36.61S:73.36W, h7km, mb4.0, ML4.0, NEIC 12 00:43:53.0, 36.61S:73.36W, h7km, mb4.1/9, ML4.0(GUC), After GUC.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CCSP San Pedro de C, COCH Cobquecura, CCHI Chillan, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ASAL Salagasta, RUTL Leoncio, RTVC Cerro Valdivia, etc.

ISCJB 12 00:50:48.7, 0.6, 58.90N:0.02:157.75W:0.06, h24km, 6km, mb3.1/3, Error ellipse: s-maj=5.2km s-min=3.2km az=20.8, NEIC 12 00:50:49.4, 58.87N:157.72W, h22km, ML3.7(AEIC), After AEIC.

NEIC Felt at Dillingham, IDC 12 00:51:04.5, 6.2, 58.98N:154.60W, h0km, mb3.2/2, mb1 3.7/5, mb1mx3.4/44, mbtmp3.4/5, ML3.3/3, Error ellipse: s-maj=100.6km s-min=16.0km az=79.0, ISC 12 00:50:49.4, 1.3, 58.85N:0.03:157.72W:0.05, mb3.2/2, h4km, n68, o#89/33, mb3.3, Alaska Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PLK5 Peulik 5, PLWL Peulik Whale M, KELA Mount Kelz, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KDAH Kodiak Island, RSD Redoubt South, RJO Redoubt, etc.

IDC 12 00:54:56.2, 0.9, 53.43N:87.50E, h0km, mb3.5/5, mb1 3.8/10, mb1mx3.5/43, mbtmp3.7/10, ML3.7/4, Error ellipse: s-maj=11.9km s-min=10.7km az=159.0, NNC 12 00:54:59.6, 1.2, 53.44N:86.77E, h0km, 8km, mb4.2, mpv4.5, Error ellipse: s-maj=9.9km s-min=5.6km az=67.0, ISC 12 00:54:59.6, 1.9, 53.48N:0.09:87.0E:0.1, h10km, n22, o#120/22, mb3.6/5, 9C-8D, Southwestern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PPLA, PPLA, CAST Castle Rocks, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZALV Zalesovo Beam, ZALV Zalesovo Beam, KURBB Kurchatov Arra, etc.

IDC 12 00:54:59.6, 1.9, 53.48N:0.09:87.0E:0.1, h10km, n22, o#120/22, mb3.6/5, 9C-8D, Southwestern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZALV Zalesovo Beam, ZALV Zalesovo Beam, KURBB Kurchatov Arra, etc.

DDA 12 00:54:59.5, 37.08N:29.21E, h7km, Md2.7, ISK 12 00:54:59.1, 37.28N:29.32E, h3km, MD2.8, CSEM 12 00:55:00.7, 0.3, 37.16N:29.28E, h15km, MD2.7, Error ellipse: s-maj=6.2km s-min=6.2km az=21.0, ISCJB 12 00:55:01.0, 0.7, 37.17N:0.06:29.25E:0.14, h13km, 8km, Error ellipse: s-maj=10.4km s-min=6.9km az=176.1, ISC 12 00:55:00.4, 1.4, 37.11N:0.06:29.20E:0.06, h7km, n13km, n14, o#99/24, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GOLH Golhisar, GOLH Golhisar, ELL Elmali, etc.

DDA 12 01:14:27.7, 37.90N:27.11E, h5km, Md3.2, ATH 12 01:14:27.4, 37.80N:27.10E, h26km, 1km, ML2.5/4, Error ellipse: s-maj=5.4km s-min=1.4km az=259.0, Analyst: Koutrakis ML Amplitudes are expressed in micrometres All distances are expressed in km, ISK 12 01:14:27.5, 37.87N:27.15E, h4km, MD3.5, CSEM 12 01:14:28.1, 0.2, 37.85N:27.12E, h5km, MD3.2, Error ellipse: s-maj=4.3km s-min=3.6km az=52.0, ISC 12 01:14:28.4, 0.8, 37.86N:0.02:27.12E:0.02, h15km, 6km, n63, o#97/85, Turkey

833A	Chaparral WMA, baz=158,SNR=8.4	69.50 335	P	P	01 28 11.7 +2.3
637A	Eagle Lake baz=160	69.58 339	P	P	01 28 12.9 +3.1
SLBS	Sierra La Lagu	69.61 324	PFAKE	LR	01 28 20.0 +1.0
832A	Faith Ranch, C baz=157	69.66 335	P	P	01 28 12.1 +1.7
734A	La Parita Cree baz=158	69.71 336	P	P	01 28 12.9 +2.3
539A	Cross D Ranch, baz=162	69.76 340	P	P	01 28 13.5 +2.6
733A	Divot King Rang baz=158	69.83 336	P	P	01 28 13.9 +2.5
636A	Smothers Creek baz=160	69.84 338	P	P	01 28 14.0 +2.6
NHSC	New Hope	70.06 354	PFAKE	LR	01 28 20.0 +7.4
440A	Kirbyville baz=162	70.16 341	P	P	01 28 16.5 +3.2
537A	Green Hill Far baz=160	70.18 339	P	P	01 28 16.4 +3.0
536A	Bastrop baz=160	70.39 338	P	P	01 28 17.6 +2.8
439A	Center Grove, baz=160	70.42 340	P	P	01 28 18.5 +3.6
633A	Seathoff Ranch baz=158	70.48 336	P	P	01 28 17.2 +1.8
535A	Dale baz=159	70.50 338	P	P	01 28 17.6 +2.1
MAW	Mawson 70.56 164	70.56 164	P	P	01 28 13.6 -1.8
MAW	MAWson comp=Z,12nm,0.8s,baz=253,slow=9.9,SNR=11		LR	LR	02 00 37.2
MAW	MAWson comp=Z,14um,18.1s,baz=229,slow=37		eP	eP	01 28 14.2 -1.2
MAW	MAWson comp=Z,17nm,1.1s		P	P	01 28 14.2 -1.2
MAW	MAWson 70.56 164	70.56 164	eP	pmax	
438A	Sam Houston St baz=161	70.57 340	P	P	01 28 18.9 +3.1
HPIG	comp=Z,22nm,1.0s	70.57 329	eP	LR	01 28 18.3 +2.1
GOGA	Godfrey 70.71 351	70.71 351	eP	LR	01 28 14.8 -1.9
GOGA	Godfrey 70.71 351	70.71 351	eP	LR	01 28 14.8 -1.9
GOGA	Godfrey 70.71 351	70.71 351	eP	LR	01 28 14.8 -1.9
GOGA	Godfrey 70.71 351	70.71 351	eP	LR	01 28 14.8 -1.9
VBMS	Vicksburg baz=165	70.75 344	P	P	01 28 20.7 +3.8
340A	Bronson baz=162	70.78 341	P	P	01 28 20.1 +3.0
534A	Blanco baz=158	70.78 337	P	P	01 28 19.3 +2.1
LRAL	Lakeview Retre comp=Z,5.5nm,1.4s	70.87 348	eP	P	01 28 15.7 -1.9
339A	Huntington baz=162	70.87 341	P	P	01 28 20.9 +3.2
436A	Wall Ranch, Ga baz=160	70.97 339	P	P	01 28 21.0 +2.8
533A	Kerrville baz=158,SNR=8.5	71.00 336	P	P	01 28 20.5 +1.9
338A	Crockett baz=161	71.10 340	P	P	01 28 22.5 +3.4
337A	Centerville baz=161	71.22 340	P	P	01 28 23.5 +3.7
NATX	Nacogdoches baz=162	71.31 341	P	P	01 28 23.1 +2.8
NATX	Nacogdoches comp=Z,64nm,1.0s	71.31 341	eP	P	01 28 17.9 -2.4
434A	Burnet baz=159,SNR=12	71.45 337	P	P	01 28 23.6 +2.4
239A	Gary baz=162	71.50 341	P	P	01 28 23.9 +2.4
336A	Riesel baz=160	71.56 339	P	P	01 28 24.3 +2.5
JCT	Junction City baz=158,SNR=9.8	71.62 336	P	P	01 28 24.3 +2.0
JCT	Junction City comp=Z,58nm,1.3s	71.62 336	eP	P	01 28 20.8 -1.5
JCT	Junction City comp=Z,58nm,1.3s	71.62 336	eP	pmax	01 28 20.8 -1.5
335A	Moody baz=159	71.63 338	P	P	01 28 24.9 +2.6
433A	Art baz=158,SNR=11	71.65 337	P	P	01 28 24.1 +1.7
237A	Washetta, Mont baz=161	71.84 340	P	P	01 28 26.5 +3.0
334A	Lometa baz=162	71.92 338	P	P	01 28 26.1 +2.1
TX31	Lajillas Ar. Si baz=159,SNR=17	71.93 332	eP	P	01 28 22.8 -1.5
TXAR	Lajillas Ar. Si comp=Z,4.7nm,0.8s,baz=157,slow=8.0,SNR=25	71.93 332	P	P	01 28 23.0 -1.3
TXAR	TXAR 71.93 332	71.93 332	LR	LR	01 55 06.7
CNCC	CNCC 72.01 356	72.01 356	PFAKE	LR	01 28 40.0 +1.6
236A	Katherine and baz=160	72.04 339	P	P	01 28 27.5 +2.8
139A	Bumkhouse Ranc baz=162	72.11 341	P	P	01 28 27.9 +2.8
KMSC	Kings Mountain baz=173	72.18 353	P	P	01 28 28.4 +2.9
KMSC	Kings Mountain comp=Z,54nm,1.4s	72.18 353	eP	LR	01 28 24.0 -1.5
WHTX	Lake Whitney baz=160,SNR=10.0	72.30 338	P	P	01 28 28.7 +2.4
WHTX	Lake Whitney, comp=Z,182nm,1.8s	72.30 338	eP	P	01 28 27.1 +0.8
137A	Heron Place, G baz=161	72.39 340	P	P	01 28 29.8 +3.0
Z40A	Long Farm, Mag baz=163	72.41 342	P	P	01 28 30.1 +3.2
136A	Ennis baz=160	72.49 339	P	P	01 28 30.2 +2.8
Z39A	Irene McRaven, baz=162	72.59 342	P	P	01 28 31.0 +3.0
OXF	Oxford 72.74 346	72.74 346	eP	P	01 28 28.1 -0.8
OXF	Oxford 72.74 346	72.74 346	eP	P	01 28 28.1 -0.8
Z33A	Rising Star baz=158,SNR=10	72.76 337	P	P	01 28 31.5 +2.4
Z38A	Mt. Pleasant baz=162	72.81 341	P	P	01 28 32.1 +2.9
Z32A	Coleman baz=158	72.88 337	P	P	01 28 31.5 +1.7
Z37A	Pogue Cattle C baz=161	72.92 340	P	P	01 28 32.5 +2.5
TKL	Tuckaleechee C comp=Z,22nm,1.0s	72.97 351	eP	LR	01 28 29.6 -0.6
TKL	Tuckaleechee C comp=Z,3um,20.0s	72.97 351	eP	pmax	01 28 29.6 -0.6
TKL	Tuckaleechee C comp=Z,22nm,1.0s	72.97 351	eP	pmax	01 28 29.6 -0.6
Z36A	Blue Ridge baz=160	73.21 340	P	P	01 28 34.4 +2.7
133A	Hamilton Ranch baz=158,SNR=8.8	73.32 337	P	P	01 28 34.9 +2.6
X40A	Basin Creek Fa baz=163	73.45 343	P	P	01 28 36.0 +2.9
Z35A	Perchaven, San baz=160	73.50 339	P	P	01 28 35.9 +2.6
ABTX	Abilene, Hawle baz=158,SNR=14	73.56 337	P	P	01 28 35.7 +2.0
ABTX	Abilene, Hawle comp=Z,152nm,1.7s	73.56 337	eP	P	01 28 34.9 +1.1
Y37A	Hugo baz=161	73.66 341	P	P	01 28 36.4 +2.1
MIAR	Mount Ida baz=163	73.68 343	P	P	01 28 37.1 +2.7
MIAR	Mount Ida comp=Z,29nm,1.4s	73.68 343	eP	P	01 28 35.6 +1.3
MIAR	Mount Ida 73.68 343	73.68 343	eP	pmax	01 28 35.7 +1.3

Z34A	Collier Ranch, baz=159	73.73 339	P	P	01 28 37.3 +2.5
Y36A	Durant baz=161,SNR=5.3	73.76 340	P	P	01 28 37.1 +2.2
X39A	Fountain Ranch baz=162	73.78 342	P	P	01 28 37.5 +2.4
SRIG	Santa Rosalia baz=162	73.78 324	PFAKE	LR	01 28 50.0 +1.5
TZTN	Tazewell 73.81 351	73.81 351	eP	P	01 28 33.5 -1.7
Z33A	Whitaker Ranch baz=159,SNR=9.9	73.90 338	P	P	01 28 38.1 +2.4
Y35A	Marietta baz=160	73.98 339	P	P	01 28 38.5 +2.4
BBTS	Babate 74.01 57	74.01 57	LR	LR	02 00 53.6
X38A	Whitesboro comp=Z,23um,18.6s,baz=230,slow=35	74.11 342	P	P	01 28 39.5 +2.6
VWCC	Virginia Weste baz=162	74.15 354	eP	P	01 28 36.0 -1.1
BLA	Blackburg 74.15 354	74.15 354	PFAKE	LR	01 28 50.0 +1.3
X37A	Clayton baz=161	74.17 341	P	P	01 28 40.4 +3.1
W40A	Ferguson Farm, baz=163	74.18 343	P	P	01 28 39.0 +1.7
SUR	Sutherland 74.18 119	74.18 119	P	P	01 28 39.2 +1.2
SUR	SUR comp=Z,350nm,1.1s,SNR=6.9	74.18 119	PFAKE	LR	01 28 50.0 +1.2
Y34A	Reagan Ranch, baz=160,SNR=7.9	74.23 339	P	P	01 28 39.9 +2.2
W39A	Magazine 74.35 343	74.35 343	P	P	01 28 40.8 +2.5
W38A	Poteau baz=162	74.41 342	P	P	01 28 41.2 +2.5
X36A	Centrahoma baz=161,SNR=7.5	74.41 340	P	P	01 28 40.5 +1.8
X35A	Drake baz=160	74.42 340	P	P	01 28 41.3 +2.5
JSRW	J. Sargeant Re 74.45 356	74.45 356	eP	P	01 28 38.1 -0.8
Y33A	Hilltop Ranch, baz=159	74.53 338	P	P	01 28 41.4 +2.0
HSIG	HSIG 74.64 326	74.64 326	PFAKE	LR	01 28 50.0 +1.0
MNTX	Cornudas Mount baz=153	74.70 332	P	P	01 28 42.1 +1.6
MNTX	Cornudas Mount comp=Z,13nm,1.0s	74.70 332	eP	P	01 28 39.6 -0.8
W37B	Quinton baz=161	74.71 341	P	P	01 28 42.3 +1.9
Y32A	R-V Farms, Ver baz=158	74.77 338	P	P	01 28 43.0 +2.2
X34A	Smith Ranch, M baz=160,SNR=7.0	74.85 339	P	P	01 28 43.4 +2.1
W36A	Wetumka baz=162	74.92 341	P	P	01 28 43.2 +1.6
V39A	Pettigrew 74.93 343	74.93 343	P	P	01 28 43.3 +1.5
CBN	Corbin Frederi comp=Z,5um,19.0s	74.94 357	PFAKE	LR	01 28 50.0 +8.4
RAR	Rarotonga 74.95 255	74.95 255	LR	LR	01 54 33.7
Y31A	Rekieta Farm, baz=160	74.99 337	P	P	01 28 44.0 +1.9
X33A	Lawton baz=159	74.99 339	P	P	01 28 43.8 +1.8
W35A	Tecumseh baz=160	75.10 340	P	P	01 28 44.3 +1.6
Y30A	Stafford Cattl baz=157	75.11 336	P	P	01 28 44.3 +1.4
X32A	Elmer baz=158	75.11 338	P	P	01 28 45.1 +2.3
V38A	Caney Hill baz=162	75.14 342	P	P	01 28 44.4 +1.5
PBMO	Poplar Bluff comp=Z,2.4nm,0.9s	75.14 346	eP	P	01 28 42.2 -0.7
U40A	Yellville baz=164,SNR=5.9	75.25 344	P	P	01 28 45.5 +2.1
WMOK	Wichita Mounta comp=Z,51nm,1.4s	75.26 338	eP	P	01 28 45.0 +1.4
WMOK	Wichita Mounta comp=Z,51nm,1.4s	75.26 338	eP	pmax	01 28 45.0 +1.4
V37A	Hulbert baz=162	75.34 342	P	P	01 28 46.2 +2.2
CPRX	Cap Rock baz=160,SNR=10.0,0.9s	75.34 343	eP	P	01 28 46.3 +2.0
U39A	Green Forest, baz=163	75.41 343	P	P	01 28 46.4 +1.9
W34A	Bridge Creek, baz=160	75.43 339	P	P	01 28 46.7 +2.1
W34A	Bridge Creek, comp=Z,61nm,1.3s	75.43 339	eP	P	01 28 43.8 -0.8
V36A	Jenks baz=161,SNR=9.6	75.45 341	P	P	01 28 46.9 +2.2
X31A	McDonald Ranch baz=158,SNR=12	75.52 337	P	P	01 28 47.4 +2.2
TUL1	Leonard baz=161,SNR=8.1	75.53 341	P	P	01 28 47.4 +2.3
TUL1	Leonard comp=Z,150nm,1.8s	75.53 341	eP	P	01 28 43.5 -1.6
W33A	Caddo, Fort Co baz=159,SNR=17	75.55 339	P	P	01 28 47.5 +2.2
V35A	Meyer Ranch, C baz=161	75.67 340	P	P	01 28 48.0 +2.1
U38A	Gravette baz=162	75.68 342	P	P	01 28 48.3 +2.3
W32A	Sentinel baz=158,SNR=19	75.75 338	P	P	01 28 48.6 +2.2
MSTX	Muleshoe baz=156,SNR=8.5	75.81 335	P	P	01 28 49.1 +2.1
MSTX	Muleshoe comp=Z,64nm,1.4s	75.81 335	eP	P	01 28 46.3 -0.6
SIUC	Southern Illin comp=Z,28nm,1.0s	75.82 347	eP	P	01 28 44.3 -2.4
U37A	Salina baz=162	75.84 349	PFAKE	LR	01 29 00.0 +1.3
WCI	Wyandotte Cave	75.84 349	PFAKE	LR	01 29 00.0 +1.3
V34A	Guthrie baz=160	75.92 340	P	P	01 28 49.3 +1.9
T40A	Mansfield baz=164	75.93 344	P	P	01 28 49.4 +2.0
319A	Douglas comp=Z,44nm,1.2s	75.96 329	eP	P	01 28 51.2 +3.3
319A	Douglas comp=Z,5um,18.0s	75.96 329	LR	LR	01 28 51.2 +3.3
U36A	Oologah baz=161	75.97 341	P	P	01 28 49.6 +2.0
T39A	Clever baz=163	76.00 343	P	P	01 28 49.8 +2.0
W31A	Holland Ranch, baz=158	76.02 338	P	P	01 28 49.9 +1.9
SDMD	Soldier's Deli baz=162	76.12 357	PFAKE	LR	01 29 00.0 +1.2
V33A	Lossen Ranch, baz=159,SNR=9.4	76.12 339	P	P	01 28 50.7 +2.2
U35A	Pawnee baz=160,SNR=11	76.21 341	P	P	01 28 51.5 +2.5
T38A	Diamond baz=162	76.23 343	P	P	01 28 51.1 +2.1
V32A	Arapaho baz=159	76.25 339	P	P	01 28 51.4 +2.2
AMTX	A				

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R33A	Olander Ranch, baz=160	78.37 340	P	P	01 29 02.3 +1.2
Q35A	Mercer Eighty, baz=161	78.38 342	P	P	01 29 02.1 +1.0
S30A	Monteama, baz=158	78.45 338	P	P	01 29 03.6 +1.9
MCQ	Macquarie Isla	78.46 208	PFAKE	LR	01 29 10.0 +8.4
P38A	Dawn comp=Z,8um,19.0s baz=163,SNR=6.5	78.53 344	P	P	01 29 00.2 -1.7
BRYW	Bryant College	78.56 1	PFAKE	LR	01 29 10.0 +8.0
HDIL	Hopedale, baz=167	78.59 348	P	P	01 29 00.5 -1.8
HDIL	Hopedale comp=Z,121nm,1.4s	78.59 348	eP	LR	01 29 00.4 -1.8
HDIL	comp=Z,3um,21.0s				
S29A	Ulysses, baz=157,SNR=8.1	78.63 338	P	P	01 29 04.4 +1.8
O40A	La Belle, baz=165,SNR=8.2	78.66 345	P	P	01 29 01.5 -1.1
Q34A	Chapman, baz=160	78.67 341	P	P	01 29 04.5 +1.8
R32A	Long Quarter, baz=159	78.67 340	P	P	01 29 04.8 +2.0
P37A	Lathrop, baz=163	78.67 343	P	P	01 29 04.6 +1.9
KSU1	Kansas State U, baz=161	78.75 342	P	P	01 29 04.6 +1.4
R31A	Burdett, baz=158	78.78 339	P	P	01 29 04.8 +1.4
S28A	Manter, baz=157,SNR=15	78.84 337	P	P	01 29 05.6 +1.8
BINY	Binghamton	78.87 358	PFAKE	LR	01 29 20.0 +16
P36A	Good Intent, A, baz=162	78.90 343	P	P	01 29 05.6 +1.6
QUA2	Belchertown	78.91 1	PFAKE	LR	01 29 20.0 +16
QUA2	comp=Z,4um,21.0s				
O39A	Kirksville, baz=164	78.92 345	P	P	01 29 03.9 -0.1
Q33A	Connelly Farm, baz=160	78.98 341	P	P	01 29 05.9 +1.5
X18A	Snowflake, comp=Z,59nm,1.7s	78.98 330	eP	P	01 29 05.5 +0.7
X18A	comp=Z,4um,18.0s				
BCX	Boston College	78.98 1	PFAKE	LR	01 29 20.0 +16
BCX	comp=Z,4um,20.0s				
O38A	Galt, baz=163	78.99 344	P	P	01 29 06.0 +1.6
ERPA	Erie	78.99 355	PFAKE	LR	01 29 20.0 +16
R30A	Dighton, baz=158	78.99 339	P	P	01 29 05.8 +1.2
P35A	Duane Minner, baz=161	79.01 342	P	P	01 29 05.4 +0.8
HRV	Adam Dziewonsk	79.15 1	PFAKE	LR	01 29 20.0 +15
HRV	comp=Z,3um,19.0s				
Q32A	Meitler Ranch, baz=159	79.16 340	P	P	01 29 06.7 +1.3
O37A	Wolven Farm, M, baz=163	79.23 344	P	P	01 29 06.2 +0.7
P34A	Walnut Farm, R, baz=161	79.23 342	P	P	01 29 05.9 +0.1
T25A	Trinidad, baz=155,SNR=22	79.25 335	P	P	01 29 07.7 +1.5
T25A	Trinidad, comp=Z,92nm,1.2s	79.25 335	eP	P	01 29 05.9 -0.3
TSUM	Tsumeb, comp=Z,60nm,1.4s	79.27 106	eP	P	01 29 07.5 +0.7
TSUM	comp=Z,12um,20.0s				
CBKS	Cedar Bluff, baz=158,SNR=9.4	79.33 339	P	P	01 29 07.7 +1.3
CBKS	Cedar Bluff, comp=Z,82nm,1.4s	79.33 339	eP	P	01 29 07.5 +1.1
CBKS	Cedar Bluff, comp=Z,82nm,1.4s	79.33 339	eP	Pmax	01 29 07.5 +1.1
O36A	Bolckow, baz=162	79.33 343	P	P	01 29 07.1 +0.8
P33A	Williams Farm, baz=160	79.35 341	P	P	01 29 09.3 +2.8
TRY	Troy	79.36 360	PFAKE	LR	01 29 20.0 +14
R29A	Marienthal, baz=157	79.38 338	P	P	01 29 08.7 +2.0
Q31A	Ellis, baz=159,SNR=6.3	79.41 339	P	P	01 29 08.7 +1.9
W18A	Petrified Fore, baz=151	79.41 330	P	P	01 29 09.5 +2.4
W18A	Petrified Fore, comp=Z,5um,18.0s	79.41 330	PFAKE	LR	01 29 20.0 +13
BOSA	Boshof, comp=Z,22nm,0.9s, baz=231,slow=6.0,SNR=25	79.48 118	P	P	01 29 08.2 +0.3
BOSA	comp=Z,6um,18.0s, baz=232,slow=35	79.48 118	eP	P	02 03 55.1
BOSA	Boshof, comp=Z,73nm,1.1s	79.48 118	eP	P	01 29 07.8 0.0
X16A	Lo Mia Camp, P, comp=Z,27nm,1.3s	79.50 329	eP	P	01 29 07.5 -0.1
X16A	comp=Z,3um,19.0s				
R28A	Tribune, baz=157,SNR=11	79.50 337	P	P	01 29 07.9 +0.5
AAM	Ann Arbor	79.51 352	PFAKE	LR	01 29 20.0 +13
N39A	Derby Farms, D, baz=164,SNR=15	79.51 345	P	P	01 29 05.9 -1.4
N38A	Joes South For, baz=164,SNR=12	79.58 345	P	P	01 29 06.7 -0.9
Q30A	Quinter, baz=158,SNR=7.4	79.62 339	P	P	01 29 08.7 +0.8
O35A	Humboldt, baz=161	79.69 342	P	P	01 29 09.0 +0.8
Y14A	Wickenburg, comp=Z,61nm,1.1s	79.75 327	eP	P	01 29 11.3 +2.5
Y14A	comp=Z,8um,18.0s				
Q29A	Oakley, baz=157	79.76 338	P	P	01 29 09.9 +1.2
N37A	Lee Faris, Mou, baz=163	79.76 344	P	P	01 29 09.7 +1.0
P32A	Huiting Farm, baz=159	79.77 340	P	P	01 29 10.1 +1.4
O34A	Beatrice, baz=161	79.80 342	P	P	01 29 10.3 +1.4
GLA	Glamis, baz=147	79.81 325	P	P	01 29 10.8 +1.7
GLA	Glamis, comp=Z,42nm,1.4s	79.81 325	eP	P	01 29 05.7 -3.4
GLA	comp=Z,2um,19.0s				
GLA	comp=Z,42nm,1.4s				
P31A	Stockton, baz=159	79.89 340	P	P	01 29 11.0 +1.6
O33A	Hebron, baz=160	79.92 341	P	P	01 29 11.0 +1.4
MQZ	McQueen's Vall	79.94 222	PFAKE	LR	01 29 20.0 +10
N36A	Muff Farm, Cla, baz=162	79.98 343	P	P	01 29 10.2 +0.4
ACCN	Adirondack Com, comp=Z,97nm,1.6s	80.01 360	eP	P	01 29 10.0 +0.1
ACCN	comp=Z,4um,20.0s				
CRLZ	Canterbury Las	80.04 222	PFAKE	LR	01 29 20.0 +10
CRLZ	comp=Z,8um,20.0s				
ODZ	Otahua Downs	80.09 220	PFAKE	LR	01 29 20.0 +9.3
ODZ					

FFD	Franklin Falls, comp=Z,6um,18.0s	80.11 1	PFAKE	LR	01 29 20.0 +10
FFD	comp=Z,5um,22.0s				
P30A	Selkirk, baz=158	80.15 339	P	P	01 29 13.2 +2.3
SDCO	Great Sand Dun, baz=154,SNR=19	80.17 335	P	P	01 29 13.2 +1.9
SDCO	Great Sand Dun	80.17 335	PFAKE	LR	01 29 20.0 +8.7
SWSC	Sam W. Stewart, baz=146	80.17 325	P	P	01 29 11.2 +0.2
M38A	Pleasantville, baz=164	80.17 345	P	P	01 29 09.4 -1.5
Q28A	Sharon Springs, baz=157	80.17 338	P	P	01 29 13.2 +2.1
N35A	Tabor, baz=162	80.19 343	P	P	01 29 09.6 -1.3
Y12C	Blythe, baz=147	80.26 326	P	P	01 29 11.3 -0.2
Y12C	Blythe, comp=Z,58nm,1.4s	80.26 326	eP	P	01 29 10.6 -0.9
Y12C	comp=Z,2um,19.0s				
O32A	Brockman Farm, baz=160	80.28 341	P	P	01 29 13.8 +2.4
KHZ	Kahutara	80.32 224	PFAKE	LR	01 29 20.0 +8.1
HNN	Hanover, comp=Z,3um,20.0s	80.34 1	PFAKE	LR	01 29 20.0 +8.4
HNN	comp=Z,5um,21.0s				
M37A	Trindle Farm, baz=163	80.34 344	P	P	01 29 10.7 -1.1
BAR	Barrett, comp=Z,14nm,1.1s	80.36 324	eP	P	01 29 16.8 +4.7
BAR	comp=Z,4um,20.0s				
N34A	Lincoln, baz=161	80.37 342	P	P	01 29 11.6 -0.3
KSCO	Kaye Sheddlock, baz=156	80.37 337	P	P	01 29 13.4 +1.3
SNZO	South Karori	80.40 225	PFAKE	LR	01 29 20.0 +7.6
SNZO	comp=Z,5um,20.0s				
P29A	Atwood, baz=158	80.40 339	P	P	01 29 14.6 +2.4
MONP	Monument Peak, baz=146	80.41 324	P	P	01 29 13.8 +1.2
WUAZ	Wupatki, baz=150	80.42 329	P	P	01 29 14.4 +1.8
WUAZ	Wupatki, comp=Z,3um,19.0s	80.42 329	PFAKE	LR	01 29 20.0 +7.5
WUAZ	Woolen Ranch, baz=159	80.46 340	P	P	01 29 14.0 +1.6
O31A	Woolen Ranch, baz=159	80.46 340	P	P	01 29 14.0 +1.6
N33A	J Bar K, Exete, baz=160	80.51 342	P	P	01 29 14.3 +1.6
M36A	Felix, Anita, baz=162	80.56 344	P	P	01 29 14.4 +1.4
PDMCI	Parker Dam, Lak, baz=148	80.56 327	P	P	01 29 14.6 +1.5
BC3	Big Chuckwall, baz=147	80.60 325	P	P	01 29 15.2 +1.7
P28A	Saint Francis, baz=157	80.62 338	P	P	01 29 15.4 +2.0
MDV	Middlebury, baz=154	80.63 360	eP	P	01 29 12.4 -0.8
S22A	4UR Ranch, Cre, baz=83,SNR=10	80.63 334	eP	P	01 29 15.7 +1.9
S22A	4UR Ranch, Cre, comp=Z,84nm,1.9s	80.63 334	eP	P	01 29 16.3 +2.5
S22A	comp=Z,3um,21.0s				
O30A	MW Ranch, Wils, baz=158,SNR=8.7	80.69 339	P	P	01 29 15.9 +2.2
MXZ	Matakaoa Point	80.70 230	PFAKE	LR	01 29 30.0 +16
MXZ	comp=Z,6um,20.0s				
109C	Camp Elliot, M, baz=145	80.73 324	P	P	01 29 16.0 +1.9
N32A	Stulken Farm, baz=160	80.75 341	P	P	01 29 15.7 +1.7
BKZ	Black Stump Fm, comp=Z,102nm,1.7s	80.76 228	eP	P	01 29 16.0 +1.5
BKZ	comp=Z,6um,19.0s				
LTZ	Lake Taylor, comp=Z,130nm,1.7s	80.77 223	eP	P	01 29 20.8 +6.3
LTZ	comp=Z,6um,21.0s				
MVCO	Mesa Verde, baz=152	80.77 332	P	P	01 29 16.5 +2.0
MVCO	Mesa Verde, comp=Z,35nm,1.3s	80.77 332	eP	P	01 29 15.6 +1.1
MVCO	comp=Z,5um,20.0s				
M35A	Neola, baz=162	80.77 343	P	P	01 29 15.4 +1.3
LBZ	Lake Benmore	80.78 220	PFAKE	LR	01 29 30.0 +16
LBZ	comp=Z,8um,19.0s				
RPZ	Rata Peaks	80.79 221	PFAKE	LR	01 29 30.0 +16
RPZ	comp=Z,7um,20.0s				
L38A	Oak Wood Farm, baz=164	80.82 345	P	P	01 29 14.9 +0.6
O29A	4D Ranch, Culb, baz=158	80.85 339	P	P	01 29 17.2 +2.6
WHZ	Wether Hill Ro	80.87 218	PFAKE	LR	01 29 30.0 +15
WHZ	comp=Z,5um,18.0s				
LBNH	Lisbon	80.87 1	PFAKE	LR	01 29 30.0 +15
LBNH	comp=Z,3um,20.0s				
IRM	Iron Mountain, baz=147	80.88 326	P	P	01 29 16.2 +1.3
L37A	Phoenix Point, baz=163	80.97 345	P	P	01 29 17.2 +2.1
URZ	Urewera	80.98 229	PFAKE	LR	01 29 30.0 +14
URZ	comp=Z,7um,20.0s				
N31A	Bailey Ranch, baz=154,SNR=7.7	80.98 340	P	P	01 29 16.7 +1.4
M34A	Aspy Farms, Fr, baz=161	81.02 342	P	P	01 29 16.1 +0.6
PFO	Pinyon Flats O, baz=146	81.03 325	P	P	01 29 17.5 +1.7
PFO	Pinyon Flats O, comp=Z,56nm,1.4s	81.03 325	eP	P	01 29 15.0 -0.8
PFO	comp=Z,2um,18.0s				
PFO	Pinyon Flats O, comp=Z,56nm,1.4s	81.03 325	eP	Pmax	01 29 15.0 -0.8
PFO	comp=Z,5um,20.0s				
JFWS	Jewell Farm, comp=Z,68nm,1.5s	81.05 347	eP	P	01 29 13.9 -1.6
JFWS	comp=Z,4um,20.0s				
JFWS	Jewell Farm, comp=Z,68nm,1.5s	81.05 347	eP	Pmax	01 29 14.0 -1.6
JFWS	comp=Z,4um,20.0s				
WKZ	Wanaka, comp=Z,7um,18.0s	81.08 220	PFAKE	LR	01 29 30.0 +14
WKZ	comp=Z,7um,18.0s				
THZ	Tophouse, baz=164	81.10 224	PFAKE	LR	01 29 30.0 +14
THZ	comp=Z,4um,19.0s				
W13A	Hualapai Mount, baz=146	81.12 327	eP	P	01 29 19.0 +2.6
W13A	comp=Z,2um,19.0s				
O28A	Krustinger Ran, baz=157	81.14 338	P	P	01 29 17.8 +1.7
BELC	Belle Mtn. Jos, baz=161	81.14 325	P	P	

BLG	baz=159,SNR=20 Laguna Peak, P	82.67 323	P	P	01 29 25.1 +0.8	CWC	baz=144 Cottonwood Cre	84.11 325	P	P	01 29 32.0 +0.1	TOB4	Torodi Ar. Sit	86.07 70	PFAKE	LR	01 29 50.0 +8.0
I37A	baz=144 Lemond, Waseca	82.71 345	P	P	01 29 24.6 +0.3	LMQ	baz=145 La Malbaie	84.21 2 eP	P	P	01 29 35.1 +3.3	TOC4	Torodi Ar. Sit	86.07 70	PFAKE	LR	01 29 50.0 +8.0
EDW7	baz=161 Edwards Air Fo	82.79 324	P	P	01 29 25.0 +0.0	GRAC	comp=Z,1.3m,1.3s Grapevine Rang	84.24 326	P	P	01 29 33.9 +1.6	TOB5	comp=Z,1.4um,18.0s Torodi Ar. Sit	86.07 70	PFAKE	LR	01 29 50.0 +8.0
L28A	baz=145 Connealy Angus	82.79 339	P	P	01 29 25.7 +0.9	H31A	baz=146 Wolsey	84.29 342	P	P	01 29 32.0 -0.4	TOA3	comp=Z,1.4um,19.0s Torodi Ar. Sit	86.08 70	PFAKE	LR	01 29 50.0 +8.0
J33A	baz=157 Davis	82.83 343	P	P	01 29 23.9 -0.9	I29A	baz=158 Vivian Onida	84.33 341	P	P	01 29 32.7 +0.1	TOC7	comp=Z,1.00nm,18.0s Torodi Ar. Sit	86.08 70	PFAKE	LR	01 29 50.0 +8.0
I36A	baz=163 Fitzsimmons Fa	82.84 345	P	P	01 29 24.0 -0.9	G34A	baz=162 Benson	84.35 344	P	P	01 29 31.9 -0.7	TOA0	comp=Z,1.3um,18.0s Torodi Ar. Sit	86.08 70	eP	P	01 29 43.1 +1.0
SHOC	Shoshone, Teco	82.84 326	P	P	01 29 26.7 +1.5	SUSD	baz=159 Maple Canyon	84.37 342	P	P	01 29 33.3 +0.5	MPU	comp=Z,5um,18.0s Sides Ranch, S	84.44 339	P	P	01 29 33.2 0.0
SCZ2	Santa Cruz Isl	82.85 323	P	P	01 29 26.4 +1.2	G33A	baz=164,SNR=9.1 Milaca	84.51 346	P	P	01 29 32.7 -1.7	F36A	baz=164,SNR=9.1 North Lily Min	84.53 331	eP	P	01 29 35.6 +1.6
SHPR	Sheep Range	82.86 327	eP	P	01 29 27.2 +1.8	NLU	comp=Z,5um,19.0s Midland	84.54 340	P	P	01 29 33.2 -0.4	RCTO	baz=158,SNR=13 Reactor, Farmer	84.54 324	P	P	01 29 33.9 +0.1
I35A	Creekview Farm	82.89 344	P	P	01 29 24.1 -1.1	R11A	baz=144 Troy Canyon, C	84.59 328	P	P	01 29 34.2 0.0	R11A	baz=147 Troy Canyon, C	84.59 328	eP	P	01 29 35.9 +1.6
K30A	Basset	82.89 341	P	P	01 29 25.0 -0.3	R11A	comp=Z,2.1nm,1.1s Troy Canyon, C	84.59 328	eP	P	01 29 35.9 +1.6	TIN	comp=Z,3um,18.0s Tinemaha, Big	84.68 325	P	P	01 29 36.9 +2.2
OSI	OSito Audit: C	82.92 324	PFAKE	LR	01 29 40.0 +1.4	F35A	baz=163 Sunshine Ranch	84.73 338	P	P	01 29 34.2 -0.6	G32A	baz=160 Webster	84.78 343	P	P	01 29 34.8 0.0
MTPU	comp=Z,3um,19.0s Mount Pierson	82.92 330	eP	P	01 29 30.2 +4.2	F34A	baz=162 Alexandria	84.80 345	P	P	01 29 33.8 -1.1	VLDQ	baz=162 Val d'Or	84.83 357	eP	P	01 29 39.4 +4.4
MTPU	comp=Z,15nm,1.1s	82.92 330	eP	P	01 29 37.5 +6.9	JLU	comp=Z,6.1nm,1.4s Jordanelle	84.84 332	eP	P	01 29 35.8 +0.2	JLU	comp=Z,2.3nm,1.2s	84.84 332	eP	P	01 29 38.4 +0.2
CCUT	Cedar City	82.98 329	eP	P	01 29 28.3 +2.2	I27A	comp=Z,4um,18.0s Quinn	84.85 340	P	P	01 29 34.9 -0.4	H29A	baz=157 Onida	84.86 341	P	P	01 29 35.0 -0.3
CCUT	comp=Z,34nm,1.2s	82.98 329	eP	P	01 29 28.3 +2.2	R11A	baz=158 Casper	84.91 336	P	P	01 29 36.5 +0.8	K22A	baz=154,SNR=7.7 Casper	84.91 336	eP	P	01 29 37.4 +1.6
J32A	Parkston	83.09 342	P	P	01 29 23.7 -2.6	R11A	comp=Z,2um,21.0s Conde	84.92 343	P	P	01 29 35.5 0.0	G31A	comp=Z,2um,21.0s Wrenshall	84.97 347	P	P	01 29 37.8 +2.1
LRMC	Laurel Mtn Rad	83.14 325	P	P	01 29 25.2 -1.6	E37A	baz=164 Dugway, Tooole	85.02 331	P	P	01 29 38.6 +2.3	DUG	baz=149 Dugway, Tooole	85.02 331	eP	P	01 29 37.1 +0.8
ECSD	EROS Data Cent	83.14 343	P	P	01 29 25.5 -1.0	DUG	comp=Z,3um,18.0s Dugway, Tooole	85.02 331	eP	P	01 29 37.1 +0.8	DUG	comp=Z,3um,18.0s Dugway, Tooole	85.02 331	eP	P	01 29 37.1 +0.8
ECSD	EROS Data Cent	83.14 343	eP	P	01 29 24.4 -2.1	DUG	comp=Z,3um,18.0s Dugway, Tooole	85.02 331	eP	P	01 29 37.1 +0.8	DUG	comp=Z,3um,18.0s Dugway, Tooole	85.02 331	eP	P	01 29 37.1 +0.8
N23A	Red Feather La	83.14 336	P	P	01 29 26.4 -0.6	I26A	comp=Z,3um,18.0s New Underwood	85.04 339	P	P	01 29 38.1 +1.8	I26A	comp=Z,3um,18.0s New Underwood	85.04 339	P	P	01 29 38.1 +1.8
N23A	Red Feather La	83.14 336	eP	P	01 29 29.2 +2.3	F33A	baz=161 5 Mile Ranch,	85.06 344	P	P	01 29 36.5 +0.3	G30A	baz=161 Faulkton	85.06 342	P	P	01 29 37.0 +0.7
H37A	Dierke Farm, C	83.16 346	P	P	01 29 26.3 -0.3	MTUM	baz=159 Tungsten Hills	85.08 325	eP	P	01 29 39.4 +2.6	E36A	baz=164 McGregor	85.10 229	PFAKE	LR	01 29 50.0 +1.3
K29A	Lazy Trails An	83.16 340	P	P	01 29 26.2 -0.4	OUZ	baz=164 Omahuta	85.10 229	PFAKE	LR	01 29 50.0 +1.3	H28A	comp=Z,7um,21.0s Mission Ridge	85.12 340	P	P	01 29 37.9 +1.3
SRU	San Rafael Swe	83.20 332	eP	P	01 29 28.4 +1.3	F32A	comp=Z,7um,21.0s Mission Ridge	85.12 340	P	P	01 29 37.9 +1.3	F32A	baz=158 Vetlien	85.28 343	P	P	01 29 38.7 +1.4
SRU	comp=Z,3um,18.0s San Rafael Swe	83.20 332	eP	P	01 29 28.4 +1.3	I25A	baz=161 Rochford	85.28 338	P	P	01 29 38.5 +0.9	G29A	baz=159 Hoven	85.32 341	P	P	01 29 39.0 +1.4
SRU	comp=Z,37nm,1.3s	83.20 332	eP	P	01 29 28.4 +1.3	E35A	baz=163 Pequot Lakes	85.35 345	P	P	01 29 37.9 +0.3	H27A	baz=157,SNR=9.7 Howes	85.37 340	P	P	01 29 38.0 +0.1
J31A	Geddes	83.24 341	P	P	01 29 26.5 -0.5	MLAC	comp=Z,2um,20.0s Mammoth, Mammo	85.43 325	P	P	01 29 38.9 +0.3	G28A	baz=158 Parade	85.47 341	P	P	01 29 38.8 +0.5
SBC	Santa Barbara	83.25 323	P	P	01 29 28.2 -1.0	RSSD	baz=145 Black Hills	85.47 338	P	P	01 29 38.7 +0.1	RSSD	baz=155 Black Hills	85.47 338	eP	P	01 29 38.1 -0.5
I34A	Hadley	83.25 344	P	P	01 29 28.1 +1.0	RSSD	comp=Z,2.1nm,1.0s Black Hills	85.47 338	eP	P	01 29 38.1 -0.5	RSSD	comp=Z,2.1nm,1.0s Black Hills	85.47 338	eP	P	01 29 38.1 -0.5
O20A	White River Ci	83.26 334	P	P	01 29 27.2 -0.3	F31A	comp=Z,2.1nm,1.0s Hecla	85.53 343	P	P	01 29 39.0 +0.5	H26A	baz=160 Fairpoint	85.55 339	P	P	01 29 41.6 +2.8
O20A	White River Ci	83.26 334	eP	P	01 29 27.1 -0.4	E33A	baz=156 Westby DABS, E	85.63 344	P	P	01 29 41.1 +2.0	D36A	baz=162 Goodland	85.70 346	P	P	01 29 41.8 +2.4
O20A	comp=Z,3um,20.0s Castle Valley	83.28 331	eP	P	01 29 30.1 +2.5	BGU	baz=164 Big Grassy Mou	85.73 331	eP	P	01 29 37.2 -2.7	BGU	comp=Z,4.2nm,1.7s	85.73 331	eP	P	01 29 37.2 -2.7
Q16A	comp=Z,44nm,1.2s	83.28 331	eP	P	01 29 30.1 +2.5	D35A	comp=Z,4um,18.0s Reme	85.78 346	P	P	01 29 41.5 +1.8	NV11	comp=Z,2um,20.0s Mina Array Sit	85.78 326	eP	P	01 29 41.5 +1.3
Q16A	comp=Z,5um,18.0s	83.32 330	eP	P	01 29 29.4 +1.6	NV11	comp=Z,2um,20.0s Mina Array Sit	85.78 326	eP	P	01 29 41.5 +1.3	NV11	comp=Z,2um,20.0s Mina Array Sit	85.78 326	eP	P	01 29 41.5 +1.3
MSU	Marysvale	83.32 330	eP	P	01 29 29.5 +1.6	H25A	baz=156 Fruitdale	85.79 339	P	P	01 29 41.5 +1.5	NV01	baz=156 Mina Array Sit	85.84 326	eP	P	01 29 39.6 -1.0
PHWY	Pilot Hill	83.35 336	eP	P	01 29 29.3 +1.3	NVAR	comp=Z,5.4nm,1.0s, baz=148,slow=5.1,SNR=15	85.84 326	eP	P	01 29 39.7 -0.9	NVAR	comp=Z,5.4nm,1.0s, baz=148,slow=5.1,SNR=15	85.84 326	eP	P	01 29 39.7 -0.9
H36A	Jessenland, He	83.36 345	P	P	01 29 26.6 -0.9	NVAR	comp=Z,2um,21.3s, baz=136,slow=31	85.89 348	P	P	01 29 42.0 +1.7	F29A	baz=159 Eureka	85.89 342	P	P	01 29 41.5 +1.1
ARVC	Arvin	83.38 324	P	P	01 29 28.3 +0.4	D34A	comp=Z,2um,20.0s Park Rapids	86.01 345	P	P	01 29 42.7 +1.7	SAO	comp=Z,2um,20.0s San Andreas Ge	85.95 323	PFAKE	LR	01 29 50.0 +9.1
CRZF	Crozet Islands	83.39 145	PFAKE	LR	01 29 40.0 +1.2	G27A	baz=162 Dupree	86.02 340	P	P	01 29 42.5 +1.4	D34A	baz=162 Park Rapids	86.01 345	P	P	01 29 42.7 +1.7
K28A	Ten Mile Ranch	83.40 339	P	P	01 29 28.6 +0.6	BW06	baz=157 Boulder Array	86.04 334	P	P	01 29 42.4 +1.0	BW06	baz=151 Boulder Array	86.04 334	eP	P	01 29 40.8 -0.7
J30A	Dallas	83.46 341	P	P	01 29 27.8 -0.4	BW06	comp=Z,4um,18.0s Reme	85.78 346	P	P	01 29 41.5 +1.8	NV11	comp=Z,2um,20.0s Mina Array Sit	85.78 326	eP	P	01 29 41.5 +1.3
I33A	Coleman	83.48 343	P	P	01 29 28.6 +0.4	NV11	comp=Z,2um,20.0s Mina Array Sit	85.78 326	eP	P	01 29 41.5 +1.3	NV11	comp=Z,2um,20.0s Mina Array Sit	85.78 326	eP	P	01 29 41.5 +1.3
MPMC	Manual Prospec	83.52 325	P	P	01 29 29.7 +0.8	H25A	baz=156 Fruitdale	85.79 339	P	P	01 29 41.5 +1.5	NV01	baz=156 Mina Array Sit	85.84 326	eP	P	01 29 39.6 -1.0
P18A	Preston Nutter	83.54 332	eP	P	01 29 30.3 +1.3	NVAR	comp=Z,5.4nm,1.0s, baz=148,slow=5.1,SNR=15	85.84 326	eP	P	01 29 39.7 -0.9	NVAR	comp=Z,5.4nm,1.0s, baz=148,slow=5.1,SNR=15	85.84 326	eP	P	01 29 39.7 -0.9
P18A	comp=Z,3um,18.0s	83.54 332	eP	P	01 29 30.3 +1.3	NVAR	comp=Z,5.4nm,1.0s, baz=148,slow=5.1,SNR=15	85.84 326	eP	P	01 29 39.7 -0.9	NVAR	comp=Z,5.4nm,1.0s, baz=148,slow=5.1,SNR=15	85.84 326	eP	P	01 29 39.7 -0.9
FURC	Furnace Creek,	83.58 326	P	P	01 29 28.5 -0.3	C38A	comp=Z,2um,21.3s, baz=136,slow=31	85.89 348	P	P	01 29 42.0 +1.7	F29A	baz=159 Eureka	85.89 342	P	P	01 29 41.5 +1.1
P17A	Butcher Ranch,	83.59 332	eP	P	01 29 31.3 +2.2	D36A	baz=162 Goodland	85.70 346	P	P	01 29 41.8 +2.4	BGU	baz=164 Big Grassy Mou	85.73 331	eP	P	01 29 37.2 -2.7
I32A	Karley and Nic	83.61 343	P	P	01 29 28.3 -0.6	BGU	comp=Z,4.2nm,1.7s	85.73 331	eP	P	01 29 37.2 -2.7	BGU	comp=Z,4.2nm,1.7s	85.73 331	eP	P	01 29 37.2 -2.7
TMUT	Trail Mountain	83.62 331	eP	P	01 29 30.4 +0.9	D35A	comp=Z,4um,18.0s Reme	85.78 346	P	P	01 29 41.5 +1.8	NV11	comp=Z,2um,20.0s Mina Array Sit	85.78 326	eP	P	01 29 41.5 +1.3
TMUT	comp=Z,4um,18.0s	83.62 331	eP	P	01 29 30.4 +0.9	NV11	comp=Z,2um,20.0s Mina Array Sit	85.78 326	eP	P	01 29 41.5 +1.3	NV11	comp=Z,2um,20.0s Mina Array Sit	85.78 326	eP	P	01 29 41.5 +1.3
ISA	Isabella, Lake	83.65 324	P	P	01 29 28.6 -0.8	H25A	baz=156 Fruitdale	85.79 339	P	P	01 29 41.5 +1.5	NV01	baz=156 Mina Array Sit	85.84 326	eP	P	01 29 39.6 -1.0
ISA	Isabella, Lake	83.65 324	eP	P	01 29 27.4 -2.1	NVAR	comp=Z,5.4nm,1.0s, baz=148,slow=5.1,SNR=15	85.84 326	eP	P	01 29 39.7 -0.9	NVAR	comp=Z,5.4nm,1.0s, baz=148,slow=5.1,SNR=15	85.84 326	eP	P	01 29 39.7 -0.9
ISA	Isabella, Lake	83.65 324	eP	P	01 29 27												

12d 1h

Table with columns: ID, Name, Comp, Az, El, AzEl, P, R, AzEl, P, R, AzEl, P, R. Rows include AFDM Forest Hills D, AFDM Center, D27A Ashes, B32A Ashes, B32A Strandq, FLWY Flagg Ranch, FLWY Flagg Ranch, D26A Manning, MDND Maddock, MDND Maddock, MCMC Marconi Confer, MCMC Marconi Confer, C28A Hausauer Farms, B31A Greenbush Farm, A33A Warrod, H17A Grant Village, H17A Grant Village, H17A Grant Village, YFT Old Faithful, YFT Old Faithful, B30A Myrvik Farm, E, RLMT Red Lodge, RLMT Red Lodge, RLMT Red Lodge, A32A Rocking H Ranch, OHCM Honcut, D25A Fairfield, C27A Saylor Ranch, PAF Port-aux-Franc, YNR Norris Junctio, YMR Madison River, YMR Madison River, ORV Oroville, ORV Oroville, ORV Oroville, B29A Wagenman Farm, C26A Wahner Farm, A30A Hoffart Farm, B28A Dugan Ranch, AFI Afiamalu, HOPS Hopland Field, HOPS Hopland Field, QLMT Earthquake Lak, HLID Hailey, HLID Hailey, C25A Freed Ranch, A29A Manning Farm, B27A Peters Farms, GCMT Greycliff, B26A Jensen Ranch, A28A Rude Farm, MFID Camas Ranch, O03D Paynes Creek, MCMT McKenzie Canyo, B25A Knox Farm, A27A Ledoux Ranch, ULM Lac du Bonnet, ULM Lac du Bonnet, WVOR Wild Horse Val, WVOR Wild Horse Val, WVOR Wild Horse Val, BOZ Bozeman (W), A26A Wade Farm, KIPM Iron Peak, DGMT Dagmar, WDC Whiskeytown Da, WDC Whiskeytown Da, MOD Modoc Plateau, A25A Svangstu Ranch, LSZ Lusaka, LSZ Lusaka, LSZ Lusaka, LRM Limekiln Ridge, KMRM Mail Ridge, N02D Trinity Center, M04C Macdoel, KHMM Horse Mountain, M02C Callahan, JCC Jacoby Creek.

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Table with columns: ID, Name, Comp, Az, El, AzEl, P, R, AzEl, P, R, AzEl, P, R. Rows include JCC comp=2.4um,18.0s, K05A Summer Lake, K05A Summer Lake, YBH Yreka Blue Hor, YBH Yreka Blue Hor, YBH Yreka Blue Hor, YBH Yreka Blue Hor, BMO Blue Mountains, EGMT Eagleton, K04D Chiloquin, OR, CHMT Chamberlain Mo, J05D Fort Rock, OR, MSO Missoula, MSO Missoula, MSO Missoula, L02D Cave Junction, H02M Hull Mountain, H02M Hull Mountain, SLMT Seeley Lake, J04D Umpqua Nation, F10A Beach Ranch, E, F10A Beach Ranch, E, SCHO Schefferville, SCHO Schefferville, SWMT Swartz Lake, I05D Terrebonne, OR, JTMT Jette, KEBM Edison Butte, KEBM Edison Butte, BLMT Blacktail Moun, BSMT Bassoo Peak, I03D Drain, OR, TAU Tasmania Unive, G06A Carlson Farm, G06A Carlson Farm, HAWA Hanford, WALA Waterton Lakes, COR COR, COR Corvallis, E07A Sunnyside, E07A Sunnyside, D08A Wollman Farm, D08A Wollman Farm, NEW Newport, NEW Newport, NEW Newport, NEW Newport, C09A Chrisman Ranch, C09A Chrisman Ranch, F04A Amboy, F04A Amboy, LTY Liberty, LTY Liberty, LON Longmire, LON Longmire, B08A Colville Reser, B08A Colville Reser, D05A Enumclaw, D05A Enumclaw, FFC Filin Flon, FFC Filin Flon, FFC Filin Flon, FFC Filin Flon, E03A Lebar, E03A Lebar, E03A Vila Bisbo, PFVI Vila Bisbo, PFVI Vila Bisbo, TAM Tamnasset, TAM Tamnasset, TAM Tamnasset, TAM Tamnasset, B06A Marblemount, B06A Marblemount, NLWA Neilton Lookou, NLWA Neilton Lookou, PVAQ Vaqueros, A04D Lummi Island, LHI Lord Howe Isla, LHI Lord Howe Isla, PGC Sidney, PGC Sidney, EDM Edmonton, EDM Edmonton, PMRV Mary?o, MTE Manteigas, MTE Manteigas, CAN Canberra, CAN Canberra, PGAV Gaviiera, Arco, MVO Moncorvo.

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Table with columns: ID, Name, Comp, Az, El, AzEl, P, R, AzEl, P, R, AzEl, P, R. Rows include DZM Mont Dzumac, PAB San Pablo, PAB San Pablo, ESDC Sonseca Array, ESDC Sonseca Array, ES19 MIBARA, ES19 MIBARA, ARMA Armidale, ARMA Armidale, ABPO Ambohimpanon, ABPO Ambohimpanon, STKA Stephens Creek, STKA Stephens Creek, YKA Yellowknife Ar, YKA Yellowknife Ar, YKA Yellowknife Ar, YKB5 Eids, YKB5 Eids, BBOO Buckleboo, BBOO Buckleboo, KMBO Kilima Mbogo, KMBO Kilima Mbogo, DYA Yadsworthy, DYA Yadsworthy, VSL Villasaito, VSL Villasaito, SSB Saint Sauveur, SSB Saint Sauveur, BNI Bardonecchia, BNI Bardonecchia, WDD Wied Dalam, WDD Wied Dalam, CLTB Caitlabellotta, CLTB Caitlabellotta, NWA0 Narrogin (SR0), NWA0 Narrogin (SR0), TARA Tarawa, TARA Tarawa, SENIN Lac Senin/Sane, SENIN Lac Senin/Sane, VLC Villacollemand, VLC Villacollemand, WLF Waferdange, WLF Waferdange, WLF Waferdange, WLF Waferdange, BFO Black Forest, BFO Black Forest, FUORN Ofenpass-Fuorn, FUORN Ofenpass-Fuorn, CUC Castruccio, CUC Castruccio, DAVA Damuless, DAVA Damuless, TIP Timpagrade, TIP Timpagrade, HNR Honiara, HNR Honiara, CTA0 Charters Tower, CTA0 Charters Tower, STU Stuttgart, STU Stuttgart, FURI Furi, FURI Furi, TRI Trieste, TRI Trieste, GRFO Grafenberg, GRFO Grafenberg, INK Inuvik, INK Inuvik, MENT Mentasta, MENT Mentasta, OBKA Obir, OBKA Obir, EGAK Eagle, EGAK Eagle, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, GEC2 GERESS Array S, GEC2 GERESS Array S, GEC2 GERESS Array B, GEC2 GERESS Array B, KHC Kasperske Hory, KHC Kasperske Hory, KHC Kasperske Hory, KHC Kasperske Hory, PAX Paxson, PAX Paxson, BLY Banja Luka, BLY Banja Luka, ARSA Arzberg, ARSA Arzberg, TIR Tirane, TIR Tirane, CLL Colim, CLL Colim, CLL Colim, CLL Colim, EDM Edmonton, EDM Edmonton, PMRV Mary?o, MTE Manteigas, MTE Manteigas, CAN Canberra, CAN Canberra, PGAV Gaviiera, Arco, MVO Moncorvo.

12d 1h

Table with columns: Station Name, Frequency, Mode, and various signal quality metrics (e.g., SNR, S/N, etc.). Includes stations like RCLA RCLIA, KILLIA, SRISAILAM, KULIM, etc.

2011 FEB

Table with columns: Station Name, Frequency, Mode, and various signal quality metrics. Includes stations like BOD BOD, DANN DANGSING, MAKZ MAKANCHI, etc.

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Table with columns: Code, Station Name, Frequency, Mode, Phase ID, Time, and Res. Includes stations like CD2, CD2, CD2, etc., and various time-resolved data points.

Table with columns: Station Name, Time, Res, Pn, S, Sn, S, Sn. Includes Santa Fe, Puento Sto Nin.

IDC 12 02:04:45.4, 1.4, 36.142S; 73.10W, h0km, mb3.8/5, mb1 4.0/6, mb1mx3.8/25, mbtmp3.8/6, ML3.7/1, Error ellipse: s-maj=43.1km s-min=30.1km az=54.0

ISCJB 12 02:04:47.1, 0.7, 36.145S; 0.04; 73.29W, 0.0h, h25km, mb3.8/5, Error ellipse: s-maj=8.8km s-min=5.7km az=1.4

GUC 12 02:04:49.0, 4.0, 36.144S; 73.23W, h8km, mb2km, ML3.6

ISC 12 02:04:49.0, 0.9, 36.533S; 0.05; 73.19W, 0.09, h25km, n22, a156/26, mb3.8/5, Near coast of central Chile

Main table for 12d 2h section, listing stations like San Pedro de C, Cobquecura, Chillan, etc.

IDC 12 02:08:02.9, 0.9, 50.02N; 179.33W, h0km, mb3.9/15, mb1 4.1/15, mb1mx3.9/55, mbtmp3.9/15, Error ellipse: s-maj=25.9km s-min=15.9km az=179.0

NEIC 12 02:08:04.1, 0.3, 49.87N; 179.38W, h10km, mb4.2/15, ML4.3(AEIC), Error ellipse: s-maj=5.7km s-min=3.5km az=161.0

ISCJB 12 02:08:08.4, 1.0, 50.09N; 0.08; 179.23W, 0.05, h51km, 7km, mb4.0/29, Error ellipse: s-maj=12.8km s-min=4.9km az=9.7

ISC 12 02:08:09.5, 2.0, 50.12N; 179.26W, 0.05, h44km, 16km, n69, a085/74, mb4.1/29, Andean/O Islands

Main table for 12d 2h section, listing stations like Amchitka, GALEA, etc.

PETK 0.1nm, 0.3s, baz=92, slow=16, SNR=3.8

KDAD 0.3nm, 0.3s, baz=79, slow=12, SNR=2.4

KDAD 0.5nm, 0.3s, baz=274, slow=16, SNR=3.8

MA2 0.2nm, 0.3s, baz=335, slow=19, SNR=2.1

SEY 0.5nm, 0.3s, baz=114, slow=14, SNR=3.8

MCK 1.5nm, 0.3s, baz=66, slow=20, SNR=3.8

COLA 2.2nm, 0.8s

ILAR 2.5nm, 0.6s

EGAK 0.5nm, 0.4s, baz=239, slow=2.2, SNR=18

DAW 2.9nm, 0.7s

SKAG 4.7nm, 0.7s

INK 0.8nm, 0.5s, baz=258, slow=7.5, SNR=5.4

YKA 3.8nm, 0.8s, baz=281, slow=8.0, SNR=5.2

YKA 0.2nm, 0.8s, baz=299, slow=3.3, SNR=5.0

NVAR 1.2nm, 0.8s, baz=286, slow=8.2, SNR=11

FFC 1.9nm, 0.7s

DUG 5.6nm, 1.3s

SONM 0.2nm, 0.5s, baz=52, slow=7.5, SNR=3.5

BW06 0.5nm, 0.5s, baz=49, slow=7.1, SNR=3.5

PDAR 1.0nm, 0.6s, baz=270, slow=2.6, SNR=13

TUC 5.6nm, 0.8s

CBKS 6.2nm, 0.9s

MNTX 1.9nm, 0.8s

TXAR 1.0nm, 0.6s, baz=303, slow=4.9, SNR=15

TXAR 1.0nm, 0.6s, baz=303, slow=4.9, SNR=15

Table with columns: Station Name, Time, Res, Pn, S, Sn, S, Sn. Includes ARCES ARCES Array B, KURK Kurchatov.

0.5nm, 0.7s, baz=267, slow=2.5, SNR=4.3

0.4nm, 0.5s, baz=50, slow=6.7, SNR=6.7

4.7nm, 0.9s, baz=333, slow=2.3, SNR=1.1

2.4nm, 0.6s, baz=54, slow=7.1, SNR=12

3.7nm, 0.8s

2.7nm, 1.0s, baz=34, slow=12, SNR=4.4

0.8nm, 0.6s

0.9nm, 0.7s, baz=37, slow=8.7, SNR=5.4

comp=2.1, 2nm, 0.6s, baz=70, slow=6.5

comp=2.0, 4nm, 0.6s, baz=342, slow=4.8, SNR=2.7

comp=2.0, 2nm, 0.4s, baz=31, slow=6.0, SNR=3.4

comp=2.0, 8nm, 0.6s, baz=297, slow=6.8, SNR=3.7

IDC 12 02:10:17.6, 1.9, 2.44S; 149.55E, h0km, mb3.3/3, mb1 3.7/3, mb1mx3.4/3, mbtmp3.4/3, Error ellipse: s-maj=205.0km s-min=28.3km az=122.0, New Ireland region

WRA Warramunga Arr 22.88 219 P 02 15 21.2 -1.8

ASAR Alice Springs 25.97 214 P 02 15 54.0 +1.8

ILAR Gielson Array 81.23 23 P 02 22 35.0 -0.2

IDC 12 02:17:06.0, 1.1, 10.58S; 66.27E, h0km, mb3.8/7, mb1 3.9/7, mb1mx3.6/36, mbtmp3.8/7, Error ellipse: s-maj=37.0km s-min=27.5km az=35.0

ISCJB 12 02:17:06.4, 1.1, 10.55S; 0.2; 66.3E, 0.1, h14km, mb3.9/10, Error ellipse: s-maj=25.1km s-min=18.3km az=15.2

NEIC 12 02:17:07.0, 0.7, 10.56S; 66.29E, h10km, mb4.1/3, Error ellipse: s-maj=17.9km s-min=13.8km az=185.0

IDC 12 02:17:08.3, 1.2, 10.65S; 0.2; 66.3E, 0.1, h14km, n23, a079/16, mb4.0/10, Mid-Indian Ridge

H08N3 Diego Garcia H 6.25 48 T 02 25 09.1

H08N1 Diego Garcia H 6.27 48 T 02 25 10.5

H08N2 Diego Garcia H 6.27 48 T 02 25 10.6

H08S1 Diego Garcia H 6.74 65 T 02 25 26.3

H08S3 Diego Garcia H 6.76 65 T 02 25 30.6

H08S2 Diego Garcia H 6.76 65 T 02 25 32.2

DMAR Diego Garcia H 6.83 63 ePn 02 18 47.6 -0.5

CGAR Chiang Mai Arr 43.23 48 P 02 25 10.7 +1.3

EKS2 1.0nm, 0.7s, baz=238, slow=4.6, SNR=5.5

TKM2 Tokmak 2 53.90 8 eP 02 26 31.6 +0.1

MKAR Makanchi Array 58.86 13 P 02 27 05.7 -0.8

ABKAR Abkular array 59.83 355 eP 02 27 12.9 -0.3

KURK Kurchatov 61.96 9 eP 02 27 27.5 -0.1

ASAR Alice Springs 65.39 111 P 02 27 51.5 +0.5

WRA Warramunga Arr 65.93 107 P 02 27 53.9 -0.6

ZALV Zalesovo Beam 66.16 12 P 02 27 54.0 -1.1

SONM Songoing Array 68.15 28 P 02 28 09.0 +0.9

YORD Torodi Arr 68.32 25 ePn 02 28 10.1 +0.4

TOKA Tokmak 2 156.10 8 ePn 02 28 10.7 +1.7

YKA Yellowknife Arr 128.16 1 PPK 02 36 12.8 -1.1

PDAR Pinedale Array 147.732 34 PKPbc 02 36 53.8 +0.6

CBKS Cedar Bluff 149.23 338 ePKPbc 02 36 56.2 -0.8

NVAR Mina Array Bea 151.9 8 PKPbc 02 37 03.6 -0.1

TXAR Lajitas Array 159.11 335 PKPab 02 37 49.3 +5.8

ISCJB 12 02:09:70.9, 0.9, 37.21S; 0.08; 74.13W, 0.09, h10km, mb3.9/5, Error ellipse: s-maj=12.4km s-min=8.6km az=142.3

NEIC 12 02:29:13.0, 0.3, 37.24S; 73.89W, h14km, mb4.1/1, ML4.2(GUC), After GUC

GUC 12 02:29:13.2, 0.4, 37.24S; 73.89W, h14km, 3km, ML4.2

IDC 12 02:29:17.4, 1.4, 36.98S; 72.24W, h0km, mb3.9/4, mb1 4.0/5, mb1mx3.8/24, mbtmp3.8/5, ML3.7/1, Error ellipse: s-maj=52.0km s-min=19.8km az=73.0

ISC 12 02:29:12.3, 1.1, 37.22S; 0.09; 73.97W, 0.09, h10km, n22, a156/25, mb3.8/5, Near coast of central Chile

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC

Main table for 2011 FEB section, listing stations like San Pedro de C, Cobquecura, Chillan, etc.

IDC 12 02:39:32.1, 8.3, 30.81S; 177.75W, h0km, mb3.3/2, mb1 3.6/2, mb1mx3.5/29, mbtmp3.3/2, Error ellipse: s-maj=356.9km s-min=56.3km az=156.0, Kermadec

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, h m s, ISC. Includes ASAR Alice Springs, WRA Warramunga Arr.

0.3nm, 0.7s, baz=106, slow=8.8, SNR=4.2

0.2nm, 0.4s, baz=112, slow=8.0, SNR=4.8

3.2nm, 1.0s, baz=59, slow=3.6, SNR=3.5

BUI 12 02:53:12.9, 0.07N; 16.98W, h7km, mb5.6/5, mb6.1/6, MS5.6/12, MS7.5/4/12

ISCJB 12 02:53:12.7, 0.1, 0.01N; 0.03; 16.98W, 0.04, h8km, mb5.3/20, MS5.2/48, Error ellipse: s-maj=2.4km s-min=2.1km az=156.0

IDC 12 02:53:13.8, 0.4, 0.19N; 17.10W, h0km, mb4.8/36, mb1 4.9/37, mb1mx4.9/42, mbtmp4.8/37, ML5.7/1, MS5.1/27, MS1.5/127, ms1mx5.0/33, Error ellipse: s-maj=15.0km s-min=9.9km az=151.0

MOS 12 02:53:13.5, 0.9, 0.16N; 17.00W, h10km, mb5.7/69, MS5.4/15, Error ellipse: s-maj=8.4km s-min=3.8km az=55.0

NEIC 12 02:53:15.1, 1.0, 0.18N; 17.02W, h10km, mb5.5/124, Error ellipse: s-maj=5.1km s-min=2.8km az=158.0

GCMT 12 02:53:15.1, 0.1, 0.31N; 17.05W, h15km, MW5.7/130, Moment Tensor Solution, s94, c177, s130, c316; Duration: t=6 Moment tensor: Scale 10^17Nm; Mn:0.28e-04; M0:0.77e-04; M1:0.47e-04; M2:1.17e-12; M3:3.24e-03; M4:1.28e-12; Best double couple: M3:7.6900e+107 NP1:φ:175.00000° δ77.00000°, δ22.00000°. NP2:φ:79.00000° δ69.00000° λ166.00000°. Principal axes: T 4.0090, Pg25.0000°, Azm38.0000°; N -0.4780, P165.0000°, Azm205.0000°; P -3.5290, P165.0000°, Azm306.0000°; nsta1 refers to body waves, cutoff=4.0s, nsta2 refers to surface/mantle waves, cutoff=50s

ISC 12 02:53:14.1, 1.0, 0.05N; 0.05; 17.02W, 0.05, h5km, 2km, h4km, pp-P, N1190, a094/1189, mb5.4/224, MS5.2/48, 72C-52D, North of Ascension Island

H10N2 ASCENSION HYDR 8.22 162 T 03 04 17.8

H10N3 ASCENSION HYDR 8.23 162 T 03 04 15.8

H10N1 ASCENSION HYDR 8.24 162 T 03 04 17.8

ASCN Ascension 8.36 162 ePn Pn 02 55 16.1 +0.1

ASCN Ascension 8.36 162 ePn Pn 02 56 46.8 -4.2

H10S1 ASCENSION HYDR 9.24 165 T 03 05 34.9

H10S3 ASCENSION HYDR 9.24 165 T 03 05 33.1

H10S2 ASCENSION HYDR 9.26 165 T 03 05 38.0

LIC 351nm, 1.6s 13.45 63 eP Pn 02 56 24.2 -1.6

TIC Toumudi 13.65 61 eP Pn 02 56 25.9 -2.7

KIC Kusan Boka 13.77 63 eP Pn 02 56 27.8 -2.4

DBIC Dimboko 13.81 61 Pn Pn 02 56 27.8 -2.9

DBIC 11nm, 0.3s, baz=151, slow=16, SNR=5.1

DBIC comp=2.1, 0.1nm, 21.1s, baz=218, slow=33

DBIC Dimboko 13.81 61 ePn Pn 02 56 28.1 -2.6

DBIC Dimboko 13.81 61 ePn Pn 02 56 28.1 -2.6

BBS1 14nm, 0.3s, baz=248, slow=1.8, SNR=32

BBS2 12nm, 0.3s, baz=20, slow=20, SNR=8.9

DBIC Dimboko 13.81 61 ePn Pn 02 56 28.1 -2.6

DBIC Dimboko 13.81 61 ePn Pn 02 56 28.1 -2.6

BBS1 14nm, 0.3s, baz=248, slow=1.8, SNR=32

BBS2 12nm, 0.3s, baz=20, slow=20, SNR=8.9

RCBR comp=2.15nm, 18.0s, baz=188, slow=36

RCBR Riachuelo 19.73 252 P Pn 02 57 45.9 -0.5

RCBR 23nm, 0.3s, baz=77, slow=19, SNR=194

RCBR 0.7nm, 0.3s, baz=359, slow=17, SNR=2

RCBR comp=2.7nm, 20.3s, baz=66, slow=30

RCBR Riachuelo 19.73 252 eP Pn 02 57 46.1 -0.2

RCBR 15nm, 0.9s

RCBR Torodi Arr 22.66 54 eP S 03 01 08.7 -1.9

RCBR Torodi Arr 22.66 54 P S 02 58 14.8 -1.7

TORD 170nm, 1.1s, baz=239, slow=3.7, SNR=278

TORD comp=2.9nm, 19.8s, baz=230, slow=35

TAM Tamarrasat 31.50 43 eP P 02 59 37.5 +0.1

TAM Tamarrasat 31.50 43 eP P 02 59 37.5 +0.1

BDFB Brasilia 34.34 242 P P 03 00 01.5 -0.8

BDFB comp=2.15nm, 0.7s, baz=45, slow=13, SNR=19

BDFB Brasilia 34.34 242 eP P 03 00 01.7 -0.6

BDFB Brasilia 34.34 242 eP P 03 00 02.6 -1.1

BDFB Brasilia 34.34 242 ePP P 03 00 06.1 -1.1

H09N1 TRISTAN DA CUN 37.19 174 T T 03 04 28.5

H09N1 TRISTAN DA CUN 37.21 174 T T 03 04 33.9

PSMW Pico do Norte, 37.52 349 eT T 03 02 29.9

SPB Sao Paulo 37.73 229 eP P 03 00 31.1 0.0

MORF Marlete 37.87 11 eP P 03 00 32.4 +0.2

MORF comp=2.34nm, 1.0s

MORF Marlete 37.87 11 eP P 03 00 32.4 +0.2

PBDV Barranco-do-Ve 37.95 12 eP P 03 00 34.1 +1.3

PVAQ comp=2.181nm, 1.6s

PCVE Castro Verde 38.31 12 eP P 03 00 37.5 +1.5

CMLA Cha da Macela 38.34 349 eT T 03 00 29.8

PDA Ponta Delgada 38.35 349 eT T 03 00 37.5 +0.4

MESJ Mesja 38.47 11 eAmb Amb 03 00 41.1

MESJ Mesjejana 38.47 11 eP P 03 00 37.5 +0.4

TSUM Tsumeb 38.96 121 eP P 03 00 43.6 +1.9

TSUM comp=2.34nm, 0.9s, baz=304, slow=7.8, SNR=20

TSUM Tsumeb 38.96 121 eP P 03 00 43.9 +2.2

PBAR Barrancos 39.04 13 eP P 03 00 43.4 +1.5

EVO Evora 39.18 11 eP P 03 00 44.4 +1.3

PMTO Montargil 39.66 11 eP P 03 00 49.1 +2.0

PTMG comp=2.90nm, 1.5s

PTMG Tomal 40.16 10 eP P 03 00 52.5 +1.3

PMRV Marv?? 40.17 12 eP P 03 00 54.3 +2.9

PCBR comp=2.90nm, 1.6s

PCBR Castelo Branco 40.55 11 eP P 03 00 58.5 +4.0

PCAS Casimio, Conde 40.57 10 eP P 03 00 56.2 +1.6

AKET Djebel Ketar 40.75 26 eP P 03 00 58.0 +1.6

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like ESDC, ESJA, ES19, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like IGT, IGT, IGT, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like UPM, XOR, XOR, etc.

SFIN	Lafayette	74.88 312	P	P	03 04 56.0	-0.1	X38A	Whitesboro	79.94 305	P	P	03 05 24.4	-0.3	U35A	Pawnee	81.68 307	P	P	03 05 34.1	+0.2
ARQ	Araji	74.89 66	P	P	03 04 57.7	+1.1	SP3M	Marine on St.	79.97 316	P	P	03 05 24.5	-0.1	Y35A	Marietta	81.68 304	P	P	03 05 33.5	-0.5
ARCES	ARCCESS Array B	74.93 14	P	P	03 04 55.0	-0.8	SPMN	Marine on St.	79.97 316	eP	P	03 05 24.1	-0.5	V35A	Meyer Ranch, C	81.70 306	P	P	03 05 33.9	-0.2
ARCES	ARCCESS Array S	74.93 14	eP	P	03 04 55.8	-0.1	338A	Crockett	79.97 302	P	P	03 05 24.2	-0.7	B34A	Aery, Baudette	81.77 319	P	P	03 05 33.9	-0.2
AREO	OLIL	75.28 310	eP	P	03 04 58.0	-0.5	C37A	Embarrass	80.01 318	P	P	03 05 24.7	0.0	335A	Moody	81.77 301	P	P	03 05 34.1	-0.4
TMCR	Tamitsa	75.42 22	eP	P	03 04 58.5	-0.2	SPA0	Spitsbergen Ar	80.04 7	eP	IAMB	03 05 25.5	+1.2	535A	Dale	81.79 300	P	P	03 05 34.2	-0.4
KEV	Kevo	75.46 14	eP	P	03 04 58.3	-0.5	438A	Sam Houston St	80.05 301	P	P	03 05 25.0	-0.3	Z35A	Perchaven, San	81.81 304	P	P	03 05 34.7	+0.1
KEV	Kevo	75.46 14	eP	P	03 04 58.3	-0.5	D37A	Cotton	80.06 318	P	P	03 05 24.7	-0.4	C34A	RKJ Ranch, Bem	81.81 318	P	P	03 05 34.1	-0.2
OXF	Oxford	75.50 306	eP	P	03 04 58.2	-1.6	O37A	Wolven Farm, M	80.14 311	P	P	03 05 25.1	-0.4	SOKR	Solkamsk	81.81 30c	P	P	03 05 33.9	-0.1
OXF	Oxford	75.50 306	eP	P	03 04 58.2	-1.6	L37A	Phoenix Point,	80.14 313	P	P	03 05 25.7	+0.1	SOKR	Solkamsk	81.81 30c	P	P	03 05 33.9	-0.1
CCIG	Comitan	75.70 287	eP	P	03 05 01.0	-0.5	K37A	Belmond	80.15 313	P	P	03 05 25.5	-0.1	E34A	Wadena	81.81 317	P	P	03 05 34.7	+0.3
APA	Apattiy	75.81 18	iP	P	03 05 02.2	+1.3	J37A	Redenius Farm,	80.18 314	P	P	03 05 25.6	-0.1	WHTX	Lake Whitney,	81.86 302	P	P	03 05 34.8	-0.1
SIUC	Southern Illin	75.94 309	eP	P	03 05 01.9	-0.4	I37A	Lemond, Waseca	80.18 315	P	P	03 05 25.8	+0.1	435B	Jarrell	81.86 301	P	P	03 05 35.1	+0.1
VBMS	Vicksburg	76.04 303	P	P	03 05 02.4	-0.5	Q37A	Longview Farm,	80.19 309	P	P	03 05 25.3	-0.6	135A	Vickery Place,	81.87 303	P	P	03 05 34.6	-0.3
SMDO	Samad	76.26 66	P	P	03 05 04.7	+0.2	P37A	Lathrop	80.21 310	P	P	03 05 25.1	-0.9	835A	Beeville	81.88 298	P	P	03 05 34.4	-0.6
LVDZ	Lovozero	76.38 18	eP	P	03 05 04.1	-0.2	M37A	Trindle Farm,	80.25 312	P	P	03 05 26.0	-0.2	KSU1	Kansas State U	81.88 309	P	P	03 05 34.4	-0.5
LVDZ	Lovozero	76.38 18	eP	P	03 05 04.9	+0.7	N37A	Lee Fairs, Mou	80.27 311	P	P	03 05 25.6	-0.7	KSU1	Kansas State U	81.88 309	eP	P	03 05 35.2	+0.3
HDIL	Hopedale	76.55 312	P	P	03 05 06.3	+0.6	T37A	Cheneyville 18	80.32 308	P	P	03 05 25.7	-0.9	735A	Kenry	81.90 299	P	P	03 05 34.6	-0.6
HDIL	Hopedale	76.55 312	eP	P	03 05 05.9	+0.2	S37A	Fort Scott	80.33 308	P	P	03 05 25.7	-1.0	635A	Leesville	81.91 300	P	P	03 05 34.5	-0.7
DAG	Danmarks Havn	76.64 360	iP	P	03 04 59.7	-5.8	V37A	Hulbert	80.34 306	P	P	03 05 26.2	-0.6	D34A	Park Rapids	81.91 318	P	P	03 05 35.7	+0.8
DAG	Danmarks Havn	76.64 360	iP	P	03 04 59.7	-5.8	X37A	Clayton	80.38 305	P	P	03 05 26.3	-0.7	TLIG	Tiapa	81.92 288	eP	P	03 05 36.1	+0.4
PBMO	Poplar Bluff	76.72 308	eP	P	03 05 05.3	-1.4	U37A	Salina	80.39 307	P	P	03 05 26.2	-0.9	K34A	Le Mars	81.93 313	P	P	03 05 34.9	-0.2
JFWS	Jewell Farm	77.72 314	eP	P	03 05 11.4	-0.9	R37A	Teagarden Farm	80.41 309	P	P	03 05 26.3	-0.8	I34A	Hadley	81.94 314	P	P	03 05 35.1	-0.1
JFWS	Jewell Farm	77.72 314	eP	P	03 05 11.4	-0.9	Z37A	Pogue Cattle C	80.43 304	P	P	03 05 27.2	-0.1	G34A	Benson	81.95 316	P	P	03 05 34.8	-0.4
UALR	University of	77.93 305	eP	P	03 05 13.2	-0.3	C36A	Pine Crest Far	80.45 318	P	P	03 05 27.1	0.0	035Z	Hang	81.96 297	P	P	03 05 34.6	-0.9
241A	Mo Tay, Golden	78.03 303	P	P	03 05 14.4	+0.3	337A	Centerville	80.46 302	P	P	03 05 27.5	+0.1	H34A	Spellman Lake,	81.97 315	P	P	03 05 34.8	-0.5
GEYT	Alibeck	78.27 51	P	P	03 05 15.4	0.0	237A	Washetta, Mont	80.46 302	P	P	03 05 27.0	-0.5	N34A	Lincoln	82.00 311	P	P	03 05 35.0	-0.5
GEYT	Alibeck	78.27 51	P	P	03 05 15.4	0.0	AKTO	Aktuybinsk	80.46 39	P	P	03 05 26.6	-0.5	ARU	Arti	82.01 33	eP	P	03 05 34.7	-0.5
X40A	Basin Creek Fa	78.29 305	P	P	03 05 14.9	-0.7	AKTO	Aktuybinsk	80.46 39	P	P	03 05 26.6	-0.5	ARU	Arti	82.01 33	eP	P	03 05 34.7	-0.5
Q40A	Laux Farm, Aux	78.37 310	P	P	03 05 15.6	-0.4	137A	Heron Place, G	80.48 303	P	P	03 05 27.2	-0.3	035A	Encino	82.02 297	P	P	03 05 35.0	-0.9
O40A	La Belle	78.41 311	P	P	03 05 15.3	-0.8	W37B	Quinton	80.49 306	P	P	03 05 27.4	-0.2	L34A	Svendsen Farm,	82.05 312	P	P	03 05 36.3	+0.6
R40A	Maddies Statio	78.41 309	P	P	03 05 15.5	-0.7	E36A	McGregor	80.50 317	P	P	03 05 26.8	-0.7	034A	Beatrice	82.07 310	P	P	03 05 36.0	+0.1
T40A	Mansfield	78.43 308	P	P	03 05 15.7	-0.6	Y37A	Hugo	80.52 304	P	P	03 05 27.4	-0.3	P34A	Walnut Farm, R	82.10 310	P	P	03 05 35.9	-0.2
P40A	Paris	78.44 310	P	P	03 05 15.5	-0.8	D36A	Goodland	80.56 318	P	P	03 05 27.2	-0.5	T34A	McClaskey Farm	82.11 307	P	P	03 05 35.8	-0.4
S40A	Lebanon	78.48 308	P	P	03 05 16.1	-0.5	F36A	Milaca	80.58 316	P	P	03 05 27.3	-0.5	Q34A	Chapman	82.12 309	P	P	03 05 35.8	-0.3
U40A	Yellville	78.57 307	P	P	03 05 16.4	-0.8	I36A	Fitzsimmons Fa	80.62 315	P	P	03 05 27.9	-0.2	S34A	Willow Spring	82.12 308	P	P	03 05 36.1	-0.2
W40A	Ferguson Farm,	78.58 306	P	P	03 05 16.3	-0.9	G36A	St. Michael	80.63 316	P	P	03 05 27.9	-0.2	M34A	Aspy Farms, Fr	82.14 312	P	P	03 05 36.2	-0.1
Z40A	Long Farm, Mag	78.59 304	P	P	03 05 16.2	-1.1	737A	Port Lavaca	80.70 299	P	P	03 05 28.3	-0.5	V34A	Guthrie	82.26 306	P	P	03 05 36.3	-0.7
Y40A	Okolona	78.59 305	P	P	03 05 16.8	-0.4	S37A	Green Hill Far	80.71 300	P	P	03 05 28.5	-0.3	V34A	Guthrie	82.26 306	eP	P	03 05 35.9	-1.1
SYO	Syowa Base	78.61 162	iP	P	03 05 14.6	-2.0	K36A	Gilmore City	80.72 313	P	P	03 05 28.5	-0.2	Y34A	Reagan Ranch,	82.28 304	P	P	03 05 36.3	-0.8
540A	Vidor	78.71 301	P	P	03 05 17.3	-0.7	J36A	Seneca 1, Swea	80.75 314	P	P	03 05 28.6	-0.2	R34A	Isabella, Hill	82.30 309	P	P	03 05 36.3	-0.8
240A	Hunter Patters	78.74 303	P	P	03 05 17.6	-0.5	O36A	Bolckow	80.75 311	P	P	03 05 28.8	-0.1	A33A	Warrad	82.32 319	P	P	03 05 36.5	-0.5
340A	Bronson	78.77 302	P	P	03 05 17.7	-0.6	L36A	Harm Buss Farm	80.80 313	P	P	03 05 29.1	0.0	U34A	Anderson Ranch	82.33 307	P	P	03 05 36.6	-0.7
MIAR	Mount Ida	78.91 305	P	P	03 05 18.5	-0.4	M36A	Felix, Anita	80.81 312	P	P	03 05 28.9	-0.3	U34A	Anderson Ranch	82.33 307	eP	P	03 05 37.3	0.0
MIAR	Mount Ida	78.91 305	eP	P	03 05 18.7	-0.3	N36A	Muff Farm, Cla	80.84 311	P	P	03 05 28.7	-0.7	B33A	Robert and Kas	82.35 311	P	P	03 05 36.5	-0.7
MIAR	Mount Ida	78.91 305	eP	P	03 05 18.7	-0.3	P36A	Good Intent, A	80.87 310	P	P	03 05 29.0	-0.5	D33A	AnnSam, Waubun	82.36 317	P	P	03 05 36.4	-0.8
Q39A	Kirksville	78.94 311	P	P	03 05 18.5	-0.5	TUL1	Leonard	80.87 306	P	P	03 05 29.2	-0.5	Z34A	Collier Ranch,	82.36 304	P	P	03 05 36.5	-1.1
P39A	Salisbury	78.97 310	P	P	03 05 18.9	-0.4	TUL1	Leonard	80.87 306	eP	P	03 05 28.2	-1.4	E33A	Westby DABS, E	82.38 317	P	P	03 05 37.0	-0.3
N39A	Derby Farms, D	79.01 312	P	P	03 05 19.2	-0.2	U36A	Ologah	80.88 307	P	P	03 05 29.1	-0.5	C33A	Trail	82.40 318	P	P	03 05 37.2	-0.2
R39A	Chumby, Stover	79.01 309	P	P	03 05 19.2	-0.3	S36A	Lake Cedric, C	80.93 308	P	P	03 05 29.9	0.0	X34A	Smith Ranch, M	82.40 305	P	P	03 05 37.3	-0.5
Q39A	Willow Grove F	79.07 310	P	P	03 05 19.7	-0.1	R36A	Gordon, Harris	80.93 309	P	P	03 05 29.4	-0.5	W34A	Bridge Creek,	82.41 305	P	P	03 05 37.3	-0.5
U39A	Green Forest	79.08 307	P	P	03 05 19.0	-0.9	Q36A	Arnold C. Orve	80.98 309	P	P	03 05 29.6	-0.5	634A	China Grove, S	82.41 299	P	P	03 05 37.7	-0.2
T39A	Clever	79.09 308	P	P	03 05 19.4	-0.5	V36A	Jenks	80.98 306	P	P	03 05 29.9	-0.3	134A	White-Moore Ra	82.43 303	P	P	03 05 37.3	-0.6
V39A	Pettigrew	79.14 306	P	P	03 05 19.7	-0.6	Y36A	Durant	81.06 304	P	P	03 05 29.8	-0.8	234A	Clareite	82.43 302	P	P	03 05 37.0	-0.9
S39A	Bolivar	79.14 308	P	P	03 05 19.4	-0.8	236A	Katherine and	81.07 302	P	P	03 05 30.4	-0.3	934A	Benavides	82.44 298	P	P	03 05 37.8	-0.3
W39A	Magazine	79.16 306	P	P	03 05 19.9	-0.4	T36A	Boggs Farm, Ca	81.08 307	P	P	03 05 30.3	-0.4	ECSD	EROS Data Cent	82.44 314	P	P	03 05 36.9	-0.8
Y39A	Lockesburg	79.25 304	P	P	03 05 20.6	-0.3	Z36A	Blue Ridge	81.12 304	P	P	03 05 30.9	-0.1	ECSD	EROS Data Cent	82.44 314	eP	P	03 05 37.9	+0.1
339A	Huntington	79.33 302	P	P	03 05 21.1	-0.3	136A	Ennis	81.12 303	P	P	03 05 31.0	0.0	434A	Burnet	82.45 301	P	P	03 05 37.2	-1.0
239A	Gary	79.33 302	P	P	03 05 21.5	+0.1	B35A	Bob, Littlefor	81.14 319	P	P	03 05 30.6	-0.1	334A	Lometa	82.46 301	P	P	03 05 37.2	-0.9
539A	Cross D Ranch,	79.34 301	P	P	03 05 20.9	-0.5	G35A	Watkins	81.14 316	P	P	03 05 30.5	-0.4	F33A	5 Mile Ranch,	82.49 316	P	P	03 05 37.6	-0.3
X39A	Fountain Ranch	79.34 305	P	P	03 05 21.2	-0.2	W36A	Wetumka	81.14 305	P	P	03 05 30.9	-0.2	834A	Tilden	82.50 298	P	P	03 05 37.9	-0.5
I38A	Scanlan Farm,	79.43 315	P	P	03 05 21.6	0.0	D35A	Remer	81.14 318	P	P	03 05 30.5	-0.3	G33A	Ortonville	82.50 315	P	P	03 05 37.8	-0.2
439A	Center																			

W33A	Caddo, Fort Co	82.97 305	P	P	03 05 40.9 +0.2	A29A	Manning Farm,	84.83 319	P	P	03 05 49.3 -0.6	RSSD	comp=Z,27nm,1.4s		pmax	pmax	
B32A	Ashes, Strandq	83.00 319	P	P	03 05 40.2 -0.3	U30A	WK&E Inc. Balk	84.84 307	P	P	03 05 50.3 0.0	T25A	Trinidad	87.88 307	P	P	03 06 04.8 -0.7
Y33A	Hilltop Ranch,	83.00 304	P	P	03 05 40.4 -0.5	B29A	Wageman Farm,	84.87 319	P	P	03 05 49.9 -0.2	T25A	Trinidad	87.88 307	eP	P	03 06 07.1 +1.6
A32A	Rocking H Ranc	83.04 319	P	P	03 05 40.6 -0.2	Y30A	Stafford Cattl	84.88 304	P	P	03 05 50.9 +0.3	DGMT	Dagmar	88.08 318	eP	P	03 06 07.7 +0.7
533A	Kerrville	83.06 300	P	P	03 05 40.8 -0.5	E29A	Napoleone	84.88 317	P	P	03 05 50.0 -0.2	KK31	Kararay Array	88.16 47	iP	P	03 06 05.9 -0.5
Z33A	Whitaker Ranch	83.06 303	P	P	03 05 40.8 -0.4	D29A	Pettibone, Tap	84.89 317	P	P	03 05 50.0 -0.3	BRVK	Borovyne	88.34 37	P	P	03 06 07.5 +0.5
F32A	Veblen	83.07 316	P	P	03 05 40.5 -0.4	F29A	Eureka	84.94 316	P	P	03 05 50.3 -0.2	BRVK	Borovyne	88.34 37	eP	P	03 06 07.0 0.0
233A	Rising Star	83.08 302	P	P	03 05 41.1 -0.3	MDND	Maddock	84.97 318	P	P	03 05 50.6 0.0	BRVK	Borovyne	88.34 37	eP	P	03 06 07.1 +0.1
333A	Richard Sprin	83.10 301	P	P	03 05 41.0 -0.5	MDND	Maddock	84.97 318	eP	P	03 05 49.4 -1.2	BVAO	Borovyne Array	88.40 37	iP	P	03 06 06.0 -1.3
933A	Laredo	83.11 298	P	P	03 05 40.8 -0.7	K29A	Lazy Trails An	85.03 313	P	P	03 05 51.5 +0.4	BVAO	Borovyne Array	88.40 37	iP	P	03 06 06.0 -1.3
H32A	Carlson Farm,	83.12 315	P	P	03 05 41.0 -0.3	J29A	Okreek	85.09 313	P	P	03 05 51.8 +0.5	BVAR	Borovyne Array	88.40 37	P	P	03 06 07.6 +0.4
133A	Hamilton Ranch	83.14 303	P	P	03 05 40.7 -0.9	L29A	Maesberg Ranch	85.10 312	P	P	03 05 51.2 -0.3	Q24A	Divide	88.51 309	P	P	03 06 07.7 -0.8
633A	Saathoff Ranch	83.14 300	P	P	03 05 41.3 -0.4	H29A	Onida	85.11 315	P	P	03 05 51.9 +0.5	Q24A	Divide	88.51 309	eP	P	03 06 09.2 +0.6
433A	Art	83.15 301	P	P	03 05 41.3 -0.5	N29A	Votaw Ranch, W	85.12 314	P	P	03 05 52.0 +0.3	CHKZ	Chkalovo	88.56 36	P	P	03 06 04.2 -3.8
733A	Divot King Ran	83.19 299	P	P	03 05 41.8 -0.2	I29A	Vivian Onida	85.12 314	P	P	03 05 51.3 -0.2	comp=Z,42nm,1.1s		88.58 302	P	P	03 06 07.9 -0.7
WMOK	Wichita Mounta	83.19 305	eP	P	03 05 41.6 -0.3	Q29A	4D Ranch, Culb	85.20 310	P	P	03 05 51.5 -0.5	comp=Z,2.75nm,0.9s		88.58 302	eP	P	03 06 12.2 +3.6
WMOK	Wichita Mounta	83.19 305	eP	P	03 05 41.6 -0.3	M29A	Burnside Ranch	85.21 311	P	P	03 05 51.5 -0.6	SDCO	Great Sand Dun	88.76 308	P	P	03 06 09.7 0.0
WMOK	Wichita Mounta	83.19 305	eP	P	03 05 41.6 -0.3	Q29A	Oakley	85.26 309	P	P	03 05 51.8 -0.6	SDCO	Great Sand Dun	88.76 308	eP	P	03 06 10.5 +0.7
SVE	Sverdiolovsk	83.21 33	iP	P	03 05 41.9 +0.5	P29A	Atwood	85.27 310	P	P	03 05 52.9 +0.5	HPIG	Idaho Springs	88.77 297	eP	P	03 06 10.3 +0.4
SVE	Sverdiolovsk	83.21 33	iP	P	03 05 41.9 +0.5	S29A	Ulysses	85.28 308	P	P	03 05 52.7 +0.2	PHWY	Idaho Springs	88.79 311	eP	P	03 06 15.4 +5.6
G32A	Webster	83.25 315	P	P	03 05 41.5 -0.4	U29A	Oas Ranch, S	85.33 306	P	P	03 05 52.9 +0.1	ISCO	Idaho Springs	88.88 310	eP	P	03 06 09.2 -1.1
833A	Chaparral WMA,	83.25 298	P	P	03 05 42.1 -0.2	R29A	Marienthal	85.35 308	P	P	03 05 52.7 -0.1	ISCO	Idaho Springs	88.88 310	eP	P	03 06 12.0 +1.7
L32A	Elgin	83.26 312	P	P	03 05 41.4 -0.7	T29A	Hugoton	85.40 307	P	P	03 05 53.7 +0.6	ISCO	Idaho Springs	88.88 310	eP	P	03 06 12.0 +1.7
Q32A	Brockman Farm,	83.29 310	P	P	03 05 41.7 -0.6	C28A	Hausauer Farms	85.49 318	P	P	03 05 53.4 +0.1	N23A	Red Feather La	89.15 311	P	P	03 06 10.8 -0.6
K32A	Verdige	83.30 313	P	P	03 05 41.5 -0.8	A28A	Rude Farm, Bot	85.51 319	P	P	03 05 53.7 +0.3	N23A	Red Feather La	89.15 311	eP	P	03 06 13.9 +2.4
BGNE	Belgrade	83.31 312	P	P	03 05 41.8 -0.5	D28A	Regan	85.57 317	P	P	03 05 54.1 +0.4	ANMO	Albuquerque	89.51 305	P	P	03 06 13.1 0.0
BGNE	Belgrade	83.31 312	eP	P	03 05 43.2 +0.8	AMTX	Amarillo	85.58 305	P	P	03 05 54.3 +0.2	ANMO	Albuquerque	89.51 305	eP	P	03 06 14.2 +1.0
N32A	Stulken Farm,	83.35 311	P	P	03 05 42.0 -0.6	AMTX	Amarillo	85.58 305	eP	P	03 05 54.3 -0.7	ANMO	Albuquerque	89.51 305	eP	P	03 06 14.4 +1.3
Q32A	Mettler Ranch,	83.38 309	P	P	03 05 42.4 -0.4	E28A	Huff	85.60 317	P	P	03 05 54.7 +0.8	OTUK	Ortayu	89.54 42	P	P	03 06 12.8 0.0
R32A	Long Quarter,	83.45 309	P	P	03 05 42.6 -0.6	F28A	McLaughlin	85.62 316	P	P	03 05 54.4 +0.4	OTUK	Ortayu	89.54 42	P	P	03 06 12.8 0.0
P32A	Hutting Farm,	83.47 310	P	P	03 05 43.5 +0.3	G28A	Parade	85.64 315	P	P	03 05 54.6 +0.5	K22A	Casper	89.60 312	eP	P	03 06 17.9 +4.5
V32A	Arapaho	83.48 306	P	P	03 05 42.9 -0.5	H28A	Mission Ridge	85.69 315	P	P	03 05 54.2 -0.1	BNM	Barren Site	89.64 304	eP	P	03 06 15.0 +1.2
A31A	Linda, St. Vin	83.50 319	P	P	03 05 42.9 -0.2	M28A	Bar X Bar Ranch	85.72 311	P	P	03 05 54.8 +0.2	LPM	Los Pinos Moun	89.65 304	eP	P	03 06 15.5 +1.5
U32A	Winter Ranch,	83.50 306	P	P	03 05 43.1 -0.4	I28A	Midland	85.75 314	P	P	03 05 54.8 +0.2	S22A	4UR Ranch, Cre	89.82 308	P	P	03 06 15.1 +0.4
T32A	Huddler Ranch,	83.51 307	P	P	03 05 43.0 -0.5	J28A	Allard Ranch,	85.75 313	P	P	03 05 54.7 0.0	S22A	4UR Ranch, Cre	89.82 308	eP	P	03 06 15.5 +0.8
X32A	Elmer	83.58 304	P	P	03 05 43.5 -0.4	K28A	Ten Mile Ranch	85.80 313	P	P	03 05 55.4 +0.4	SMCO	Snowmass	89.93 309	eP	P	03 06 16.1 +0.8
W32A	Sentinel	83.60 305	P	P	03 05 43.5 -0.5	N28A	Pribbene Ranch	85.80 311	P	P	03 05 55.4 +0.4	LAZ	Ladron	90.07 304	eP	P	03 06 18.3 +2.5
E31A	Nome	83.67 317	P	P	03 05 43.8 -0.3	ZAIG	Zacatecas	85.87 293	eP	P	03 05 56.3 +0.3	AML	Almayashu	90.50 48	P	P	03 06 18.8 +0.9
Y32A	R-V Farms, Ver	83.68 304	P	P	03 05 43.9 -0.5	R28A	Tribune	85.87 308	P	P	03 05 55.5 0.0	EKS2	Erkin-Say	90.56 48	P	P	03 06 18.9 +1.0
232A	Coleman	83.70 302	P	P	03 05 43.9 -0.7	P28A	Saint Francis	85.90 310	P	P	03 05 55.3 -0.2	EKS2	Erkin-Say	90.56 48	eP	P	03 06 17.8 0.0
C31A	Landman Farms,	83.72 318	P	P	03 05 44.0 -0.3	S28A	Manter	85.90 308	P	P	03 05 55.2 -0.4	EKS2	Erkin-Say	90.56 48	eP	P	03 06 17.8 0.0
B31A	Greenbush Farm	83.73 319	P	P	03 05 44.0 -0.4	Q28A	Sharon Springs	85.93 309	P	P	03 05 55.9 +0.2	121A	Cookes Peak, D	90.62 302	P	P	03 06 18.3 -0.1
JCT	Junction City	83.75 301	P	P	03 05 44.2 -0.7	Q28A	Krutsinger Ran	85.95 310	P	P	03 05 56.1 +0.3	121A	Cookes Peak, D	90.62 302	eP	P	03 06 18.9 +0.5
JCT	Junction City	83.75 301	eP	P	03 05 45.0 +0.1	MAW	Matson	86.19 158	P	P	03 05 58.4 +2.2	POO	Poona	90.81 72	iP	P	03 06 18.0 -1.4
JCT	Junction City	83.75 301	eP	P	03 05 45.0 +0.1	OGNE	Ogallala	86.19 311	P	P	03 05 57.0 0.0	O20A	White River Ci	90.90 310	P	P	03 06 19.7 +0.1
G31A	Conde	83.75 315	P	P	03 05 44.4 -0.1	OGNE	Ogallala	86.19 311	eP	P	03 05 58.0 0.0	O20A	White River Ci	90.90 310	eP	P	03 06 19.2 -0.3
ABTX	Abilene, Hawle	83.75 303	P	P	03 05 44.0 -0.8	E27A	Carson	86.19 316	P	P	03 05 56.8 0.0	USP	Ospenwhite	91.08 47	P	P	03 06 20.7 +0.6
ABTX	Abilene, Hawle	83.75 303	eP	P	03 05 45.2 +0.4	C27A	Saylor Ranch,	86.24 318	P	P	03 05 56.7 -0.3	AAK	Ala-Archa	91.09 48	P	P	03 06 21.9 +1.6
832A	Faith Ranch, C	83.76 298	P	P	03 05 44.4 -0.5	J27A	Elkhorn Farm,	86.30 313	P	P	03 05 56.9 -0.6	AAK	Ala-Archa	91.09 48	P	P	03 06 21.6 +1.2
F31A	Hecla	83.85 316	P	P	03 05 44.8 -0.2	G27A	Dupree	86.38 315	P	P	03 05 57.5 -0.2	AAK	Ala-Archa	91.09 48	eP	P	03 06 21.0 +0.7
K31A	O'Neill	83.87 313	P	P	03 05 45.5 +0.3	I27A	Quinn	86.39 314	P	P	03 05 57.6 -0.2	AAK	Ala-Archa	91.09 48	eP	P	03 06 21.0 +0.7
L31A	Butterfield Fa	83.89 312	P	P	03 05 44.9 -0.5	H27A	Howes	86.44 315	P	P	03 05 57.9 -0.1	AAK	Ala-Archa	91.09 48	eP	P	03 06 21.0 +0.7
M31A	Lambrecht Ranch	83.92 311	P	P	03 05 45.2 -0.3	MSTX	Muleshoe	86.44 304	P	P	03 05 58.3 -0.1	AAK	Ala-Archa	91.09 48	eP	P	03 06 20.6 +0.3
J31A	Geddes	83.93 313	P	P	03 05 45.3 -0.2	MSTX	Muleshoe	86.44 304	eP	P	03 05 58.6 +0.2	AAK	Ala-Archa	91.09 48	eP	P	03 06 20.6 +0.3
S31A	Mullinville	83.99 308	P	P	03 05 45.4 -0.6	F27A	Lemmon	86.47 316	P	P	03 05 58.3 +0.1	AAK	Ala-Archa	91.09 48	eP	P	03 06 20.6 +0.3
Q31A	Ellis	84.03 309	P	P	03 05 45.8 -0.4	KSCO	Kay Shedlock	86.55 309	P	P	03 05 58.2 -0.6	AAK	Ala-Archa	91.09 48	eP	P	03 06 20.6 +0.3
P31A	Stockton	84.06 310	P	P	03 05 45.9 -0.4	KSCO	Kay Shedlock	86.55 309	eP	P	03 05 58.7 -1.2	AAK	Ala-Archa	91.09 48	eP	P	03 06 21.6 +1.2
O31A	Woolen Ranch,	84.08 310	P	P	03 05 46.5 +0.2	C26A	Walner Farm, P	86.65 318	P	P	03 05 58.7 -0.3	AAK	Ala-Archa	91.09 48	eP	P	03 06 21.0 +0.7
R31A	Burdett	84.08 308	P	P	03 05 46.0 -0.4	A26A	Wade Farm, Ken	86.68 319	P	P	03 05 58.7 -0.4	AAK	Ala-Archa	91.09 48	eP	P	03 06 20.6 +0.3
T31A	Randall Ranch,	84.10 307	P	P	03 05 46.3 -0.3	RES	Resolute Bay	86.75 345	eP	P	03 06 00.0 +1.1	AAK	Ala-Archa	91.09 48	eP	P	03 06 21.0 +0.7
V31A	Spring Creek L	84.14 306	P	P	03 05 46.5 -0.3	RES	Resolute Bay	86.75 345	eP	P							

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like Yellowknife, Maple Canyon, Wupatki, Kurchatov, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like Raoul Island, Matakaoa Point, Matakaoa Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like Canberra, Tarawa, Stephens Creek, etc.

ISCJB 12 03:03:02.6.0.1.31:52S.0.02:177.78W:0.03, h10km, m5.2/1.30, MS5.5/1.68, Error ellipse: s-maj=4.7km s-min=2.2km az=36.6

ISC 12 03:03:04.1.0.2.31:23S.0.03:177.70W:0.04, h10km, m6.86/1.32, MS5.6/2.23, Error ellipse: s-maj=11.1km s-min=9.3km az=7.7

ISC 12 03:03:04.3.0.2.31:11S:177.40W, h21km, MW5.6/1.25, Moment Tensor Solution, s78, c116, s125, c239; Duration: 1.5 Moment tensor: Scale 10^17Nm; M2.21±.06; M0.0.14±.04; M0.0.27±.04; M0.0.18±.10;

12d 3h

Table with columns: Station, Name, Time, Frequency, Modulation, Power, and other technical details. Includes stations like Warramunga Arr, Tennant Creek, Warramunga Arr, etc.

2011 FEB

Table with columns: Station, Name, Time, Frequency, Modulation, Power, and other technical details. Includes stations like N'iazarevskaya, Manna, Matushiro Arr, etc.

590

Table with columns: Station, Name, Time, Frequency, Modulation, Power, and other technical details. Includes stations like Isabella, Lake, Big Bear Solar, Iron Peak, etc.

Table with columns: Station Name, Frequency, Mode, and other details. Includes stations like MDND Maddock, YKA Yellowknife Ar, YKBS Yellowknife Ar, etc.

Table with columns: Station Name, Frequency, Mode, and other details. Includes stations like VORD Divnogorie, CHVG Ch'kaleri, YVU Vasula, etc.

Table with columns: Station Name, Frequency, Mode, and other details. Includes stations like KHC Kasperke Hory, GEC2 GERRSS Array S, GEC3 GERRSS Array S, etc.

ML4.4(GUC). After GUC. NEIC [IV] at Chiquayante, Concepcion, Hualpen, Talcahuano and Tomé; [III] at Cobquecura and Quirihue; [II] at Renaico and Talca. ISCJB 12 05:19:22.5-0.3, 36.445:0.05:73.34W, 0.04, h27km, mb4.5/52, MS4.0/3, Error ellipse: s-maj=6.5km s-min=4.8km az=177.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their parameters.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their parameters.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various seismic stations and their parameters.

TIA	comp=Z,23nm,0.6s	14.92	50	eP	Pn	05 47 47.5 +0.5
TIA	comp=Z,10.0nm,0.8s			pmax	pmax	
JIRN	14.99 275 eP	Pn	05 47 46.5 -1.8			
GUN	15.25 276 eP	Pn	05 47 49.4 -2.4			
HHC	15.27 25 eP	Pn	05 47 55.4 -1.3			
HHC	comp=Z,10.0nm,0.8s			S	S	05 50 43.9 +2.9
HHC	comp=Z,110nm,6.1s			pmax	pmax	
HHC	comp=Z,700nm,9.4s			LR	LR	
HHC	comp=Z,1.1um,10.3s			LR	LR	
HHC	comp=Z,450nm,11.6s			LR	LR	
KKN	Kakani 15.79 276 eP	Pn	05 47 56.2 -2.5			
DMN	Daman 15.95 275 eP	Pn	05 47 59.5 -1.3			
GKN	Gorkha 16.35 277 eP	Pn	05 48 03.6 -2.3			
YHNB	Yeheng 16.67 95 eP	Pn	05 48 16.8 +4.5			
BJT	Baijiatuu 16.74 37 ePn	Pn	05 48 11.4 +0.8			
BJT	Baijiatuu 16.74 37 eP	Pn	05 48 11.4 +0.8			
BJT	comp=Z,49nm,1.4s			pmax	pmax	
BJI	Beijing 16.76 37 P	P	05 48 12.6 -0.5			
BJI	comp=Z,23nm,1.3s			S	S	05 51 18.0 +0.9
BJI	comp=Z,330nm,6.4s			pmax	pmax	
BJI	comp=Z,640nm,23.2s			LR	LR	
BJI	comp=Z,610nm,24.9s			LR	LR	
BJI	comp=Z,200nm,22.8s			LR	LR	
DANN	Dangsing 17.11 278 eP	Pn	05 48 12.3 -3.4			
KOLN	Koldanda 17.27 276 eP	Pn	05 48 14.8 -2.8			
PYUN	Pluthan 17.80 277 eP	Pn	05 48 20.8 -3.4			
WMQ	Urumqi 20.67 327 P	P	05 48 55.9 -0.2			
WMQ	comp=Z,9.0nm,0.8s			pP	pP	05 48 59.8 +0.9
WMQ	comp=Z,110nm,8.4s			SP	SP	05 49 02.4 +2.2
WMQ	comp=Z,N,460nm,13.0s			PP	PP	05 49 17.2 +3.3
WMQ	comp=E,160nm,15.6s			S	S	05 52 41.7 -5.3
WMQ	comp=Z,58nm,28.2s			pmax	pmax	
WMQ	Urumqi 20.67 327 P	P	05 48 56.4 +0.3			
WMQ	comp=Z,18nm,0.8s			pP	pP	05 49 00.4 +0.2
WMQ	comp=Z,11nm,0.5s			SP	SP	05 49 02.4 +3.5
WMQ	comp=Z,110nm,8.4s			PP	PP	05 49 17.2 +3.3
WMQ	comp=Z,110nm,8.4s			S	S	05 52 45.7 -1.3
WMQ	comp=Z,110nm,8.4s			sS	sS	05 52 49.6 -2.0
WMQ	comp=Z,110nm,8.4s			ScP	ScP	05 53 03.3 -2.8
WMQ	comp=Z,110nm,8.4s			S	S	05 53 16.3 +0.0
WMQ	comp=Z,9.0nm,0.6s			pmax	pmax	
WMQ	comp=Z,120nm,8.8s			LR	LR	
WMQ	comp=N,460nm,8.0s			LR	LR	
WMQ	comp=E,170nm,8.0s			LR	LR	
WMQ	comp=Z,58nm,29.6s			LR	LR	
WMQ	Urumqi 20.67 327 P	P	05 48 55.5 -0.6			
WMQ	comp=Z,120nm,8.2s			pP	pP	05 49 06.4 +6.2
WMQ	comp=Z,290nm,13.0s			PP	PP	05 49 20.5 +6.6
WMQ	comp=Z,8.0nm,0.8s			sS	sS	05 52 56.6 +5.0
WMQ	comp=Z,120nm,8.2s			PP	PP	05 53 09.5 +3.4
WMQ	comp=Z,120nm,8.2s			SS	SS	05 53 17.1 +1.1
WMQ	comp=Z,120nm,8.2s			ScP	ScP	05 56 38.3 -4.5
WMQ	comp=Z,8.0nm,0.8s			pmax	pmax	
WMQ	comp=Z,120nm,8.2s			LR	LR	
WMQ	comp=Z,290nm,13.0s			LR	LR	
SOMN	Songino Array 20.71 6 P	P	05 48 57.1 +0.5			
SOMN	comp=Z,8.9nm,0.8s,baz=190,slow=12,SNR=25			LR	LR	05 57 50.3
SONA1	Songino Array 20.72 6 eP	P	05 48 57.3 +0.6			
ULN	Ulanbaatar 20.81 8 eP	Pn	05 48 59.8 -0.3			
ULN	Ulanbaatar 20.81 8 iP	P	05 48 59.3 +1.6			
ZAK	Zakamenski 23.10 0 eP	P	05 49 22.6 +0.6			
ZAK	comp=Z,10.0nm,0.9s			pmax	pmax	
KSAR	Wonju Array Be 23.24 58 P	P	05 49 23.6 +0.2			
KSAR	Wonju Array Be 23.27 58 P	P	05 49 23.7 +0.2			
KSRS	Korea Array 23.28 58 P	P	05 49 23.6 -0.1			
KSRS	comp=Z,6.1nm,0.7s,baz=246,slow=9.3,SNR=14			LR	LR	06 00 15.5
TLY	Talaya 24.40 1 P	P	05 49 35.5 +1.0			
TLY	comp=Z,1.3nm,0.3s,baz=234,slow=14,SNR=3.4			LR	LR	06 00 12.5
TLY	comp=Z,136nm,18.9s,baz=174,slow=39			LR	LR	05 49 38.2 +3.7
TLY	Talaya 24.40 1 eP	P	05 49 38.2 +3.7			
TLY	comp=Z,3.0nm,0.8s			pmax	pmax	
TLY	comp=Z,257nm,18.0s			MLR	MLR	
MOY	Mondy 24.43 357 eP	P	05 49 36.7 +1.8			
CN2	Changchun 24.47 42 eP	P	05 49 36.8 +1.6			
CN2	comp=Z,10.0nm,0.4s			eS	eS	05 53 53.1 -2.2
CN2	comp=Z,200nm,4.0s			pmax	pmax	
CN2	comp=Z,200nm,10.0s			LR	LR	
CN2	comp=Z,200nm,10.0s			LR	LR	
CN2	comp=Z,600nm,10.0s			LR	LR	
JNU	Nakatsue 24.71 70 P	P	05 49 36.0 -1.4			
JNU	comp=Z,12nm,1.0s,baz=225,slow=8.6,SNR=2.0			LR	LR	05 59 18.9
PDGK	Podgornoye 24.93 316 P	P	05 49 39.2 -0.1			
PDGK	comp=Z,240nm,20.2s,baz=295,slow=37			pmax	pmax	
IRK	Irkutsk 24.98 2 eP	P	05 49 40.4 +0.7			
IRK	comp=Z,43nm,1.1s			pmax	pmax	
MK01	Makanchi Array 25.44 325 eP	P	05 49 43.8 -0.2			
MK31	Makanchi Array 25.46 325 eP	P	05 49 44.2 +0.1			
MK31	Makanchi Array 25.46 325 eP	P	05 49 43.5 -0.7			
MK31	comp=Z,15nm,0.9s			pmax	pmax	
MKAR	Makanchi Array 25.46 325 P	P	05 49 44.0 -0.1			
MKAR	comp=Z,8.9nm,0.7s,baz=130,slow=9.5,SNR=76			LR	LR	06 01 06.0
MKAR	Makanchi Array 25.46 325 eP	P	05 49 44.2 0.0			
HIA	Hailar 25.47 26 eP	P	05 49 45.6 +1.3			
HIA	comp=Z,34nm,1.0s			P	P	05 49 45.4 +1.2
HIA	Hailar 25.47 26 iP	P	05 49 45.4 +1.2			
KSH	Kashi 25.61 305 P	P	05 49 48.4 +2.7			
KSH	comp=Z,15nm,0.8s			pP	pP	05 49 59.3 +9.3
KSH	comp=Z,15nm,0.8s			PP	PP	05 50 29.1 +7.6
KSH	comp=Z,15nm,0.8s			S	S	05 54 10.6 -3.3

KSH	SS	SnSn	05 55 16.5 +9.0			
KSH	comp=Z,226nm,0.8s	LR	LR			
KSH	comp=Z,390nm,8.0s	LR	LR			
KSH	comp=Z,300nm,6.4s	LR	LR			
KSH	comp=Z,520nm,8.1s	LR	LR			
MAKZ	Makanchi 25.63 325 eP	P	05 49 45.9 +0.2			
MAKZ	Makanchi 25.63 325 eP	P	05 49 45.9 +0.2			
MAKZ	comp=Z,10.0nm,0.9s			pmax	pmax	
KZA	Kyzart 27.09 310 P	P	05 50 00.5 +1.1			
TKM2	Tokmak 2 27.21 312 P	P	05 50 00.1 -0.2			
TKM2	Tokmak 2 27.21 312 eP	P	05 50 00.4 +0.1			
TKM2	Tokmak 2 27.21 312 P	P	05 50 00.1 -0.2			
TKM2	comp=Z,10.0nm,1.2s			pmax	pmax	
KBK	Karagaybulak 27.53 311 P	P	05 50 04.4 +1.3			
AAK	Ala-Archa 27.82 311 P	P	05 50 06.7 +1.0			
AAK	comp=Z,6.5nm,0.7s,baz=128,slow=4.4,SNR=19			LR	LR	06 03 35.0
AAK	Ala-Archa 27.82 311 P	P	05 50 06.9 +1.2			
AAK	Ala-Archa 27.82 311 eP	P	05 50 06.9 +1.2			
AAK	comp=Z,10.0nm,0.9s			iP	iP	05 50 05.0 -0.7
AAK	comp=Z,20nm,1.0s			pmax	pmax	
FRU	Bishkek 27.83 311 eP	P	05 50 06.0 +0.4			
USP	Ospetovka 28.09 312 P	P	05 50 08.6 +0.7			
AML	Almayashu 28.17 309 P	P	05 50 10.2 +1.1			
EKS2	Erkin-Say 28.32 310 P	P	05 50 11.2 +1.1			
EKS2	Erkin-Say 28.32 310 eP	P	05 50 11.2 +1.1			
EKS2	Erkin-Say 28.32 310 eP	P	05 50 11.2 +1.1			
EKS2	comp=Z,13nm,0.8s			pmax	pmax	
USRK	Ussuriysk Ar. 28.73 46 P	P	05 50 11.9 -1.7			
USRK	comp=Z,1.1nm,0.6s,baz=243,slow=9.5,SNR=3.6			LR	LR	06 03 45.6
PALK	Pallekele 29.07 231 LR	LR	06 02 20.5			
DAV	Davao City (W) 29.32 129 LR	LR	06 02 57.2			
ZAAO	Zalesovo Array 29.87 338 eP	P	05 50 23.2 -0.3			
ZALV	Zalesovo Beam 29.87 338 P	P	05 50 22.9 -0.6			
ZALV	comp=Z,1.9nm,0.5s,baz=149,slow=9.0,SNR=12			LR	LR	06 02 57.1
KURBB	Kurchatov Arra 29.89 328 P	P	05 50 23.4 -0.3			
KURK	Kurchatov 29.91 328 eP	P	05 50 23.5 -0.4			
KURK	comp=Z,18nm,0.8s			pmax	pmax	
KURK	Kurchatov 29.91 328 P	P	05 50 23.4 -0.4			
KK31	Karatay Array 30.71 310 iP	P	05 50 31.1 -0.1			
KK31	comp=Z,4.0nm,0.8s			pmax	pmax	
KKAR	Karatay Array 30.71 310 eP	P	05 50 31.2 +0.1			
KKAR	comp=Z,5.1nm,0.8s			pmax	pmax	
KKAR	Karatay Array 30.71 310 eP	P	05 50 31.3 +0.1			
DZET	Dzherino 30.76 301 P	P	05 50 31.1 -0.6			
DZET	comp=Z,8.0nm,0.6s			pmax	pmax	
MJAR	Matsushiro Arr 31.10 64 LR	LR	06 04 19.6			
OTUK	Ortayu 31.75 320 P	P	05 50 40.2 -0.1			
OTUK	comp=Z,13nm,0.9s			pmax	pmax	
HABR	Khabarovsk 32.60 41 eP	P	05 50 46.7 -0.9			
HABR	comp=Z,13nm,0.9s			eP	eP	05 50 59.7 +7.8
HABR	comp=Z,13nm,0.9s			eP	eP	05 51 05.8 +1.5
HABR	comp=Z,13nm,0.9s			e	e	05 51 56.1 -3.1
HABR	comp=Z,13nm,0.9s			eS	eS	05 56 22.3 +1.4
HABR	comp=Z,13nm,0.9s			eSS	eSS	05 57 59.6 +2.2
HABR	comp=Z,13nm,0.9s			eSS	eSS	06 01 10.2
HABR	comp=Z,16nm,1.4s			pmax	pmax	
HABR	comp=Z,111nm,16.0s			MLR	MLR	
BVAO	Borovoye Array 35.35 326 iP	P	05 51 10.9 -0.6			
BVAO	comp=Z,3.0nm,0.8s			pmax	pmax	
BVAR	Borovoye Array 35.35 326 P	P	05 51 11.2 -0.3			
BRVK	Borovoye 35.42 326 eP	P	05 51 11.9 -0.1			
BRVK	comp=Z,6.5nm,0.9s			pmax	pmax	
BRVK	Borovoye 35.42 326 iP	P	05 51 12.4 +0.3			
BRVK	comp=Z,9.0nm,1.2s			pmax	pmax	
CHKZ	Chkalovo 35.60 327 P	P	05 51 12.7 -0.9			
CHKZ	comp=Z,2.0nm,0.5s			pmax	pmax	
ZRNK	Zerenda 36.01 325 eP	P	05 51 17.1 0.0			
ZRNK	comp=Z,2.3nm,0.8s			pmax	pmax	
ZRNK	Zerenda 36.01 325 P	P	05 51 16.4 -0.8			
NKL	Nikolayevsk 37.97 37 eP	P	05 51 21.7 -1.2			
GEYT	Alibeck 39.01 297 P	P	05 51 34.6 +0.6			
YAK	Yakutsk 39.02 20 eP	P	05 51 42.7 +0.2			
YAK	comp=Z,1.1nm,0.7s,baz=116,slow=6.9,SNR=8.2			pmax	pmax	
AB31	Akbulak array 39.66 315 iP	P	05 51 47.8 -0.2			
AB31	comp=Z,13nm,0.7s			pmax	pmax	
ABKAR	Akbulak array 39.66 315 eP	P	05 51 48.2 -0.2			
AKTO	Aktyubinsk 41.20 317 P	P	05 52 01.0 +0.2			
AKTO	comp=Z,9.8nm,0.7s,baz=97,slow=10,SNR=13			pmax	pmax	
AKTO	Aktyubinsk 41.20 317 P	P	05 52 00.7 -0.1			
SVE	Sverdlovsk 42.12 326 iP	P	05 52 08.8 +0.6			
SVE	comp=Z,20nm,1.1s			pmax	pmax	
ARU	Arti 42.99 325 P	P	05 52 15.2 -0.1			
ARU	comp=Z,13nm,0.9s,baz=96,slow=4.0,SNR=19			pmax	pmax	
ARU	Arti 42.99 325 eP	P	05 52 15.2 -0.1			
ARU	Arti 42.99 325 eP	P	05 52 15.2 -0.1			
SOKR	Solikamsk 45.16 329 eP	P	05 52 33.3 +0.7			
SOKR	comp=Z,17nm,0.9s			pmax	pmax	
MA2	Magadan 45.81 32 eP	P	05 52 38.9 +1.1			
TIXI	Tiksi 46.69 11 eP	P	05 52 42.9 -1.7			
TIXI	comp=Z,3.6nm,0.6s			iP	iP	05 52 43.9 -0.7
SEY	Seymchan 47.89 28 eP	P	05 52 54.3 +0.2			
NEY	Neytrino 50.74 305 eP	P	05 53 15.7 -0.6			
VRH	Novokhopovsk 51.49 315 eP	P	05 53 22.5 +0.9			
VRH	comp=Z,10.0nm,0.5s			pmax	pmax	
VSR	Storozhevo 53.09 315 eP	P	05 53 32.1 -1.4			
VSR	comp=Z,7.0nm,0.6s			pmax	pmax	
LPSP	Galich'ya Gora 53.28 317 eP	P	05 53 34.4 -0.5			
LPSP	comp=Z,10.0nm,0.8s			pmax	pmax	
KLMR	Klimovskoe 53.75 327 eP	P	05 53 34.2 -4.0			
KLMR	comp=Z,10.0nm,0.8s			eSP	eSP	05 53 52.5 +1.0

OBN	Obninsk 54.77 320i eP	*PP	S	05 53 45.2 -0.5		
OBN	comp=Z,30nm,1.0s			P	P	05 53 57.0 +6.9
OBN	comp=Z,30nm,1.0s			SS	SS	05 54 51.0
OBN	comp=Z,30nm,1.0s			pmax	pmax	06 05 09.0 +1.5
BILL	Bilibino 55.04 24 iP	P	05 53 47.3 -0.2			
BILL	comp=Z,8.0nm,0.4s			P	P	05 54 51.0
BILL	comp=Z,3.0nm,1.0s			MLR	MLR	05 55 56.0
WRAB	Tennant Creek 55.85 144 eP	P	05 53 54.0 +0.1			
WRAB	comp=Z,12nm					

Table with 5 columns: ROSC, EI, ROSAL, 147.99, 355, ePKPbC, PKPab, 06, 04, 04.5, -1.1, PTGA, Pitinga, 149.00, 325, ePKPbC, PKPbC, 06, 04, 04, -0.1

IDC 12 05:48:44.7.2.2, 37.29S:74.00W, h0km, mb3.7/3, mb1 3.9/4, mb1mx3.7/21, mbtmp3.7/4, ML3.4/1, MS3.5/3, Ms1 3.5/3, ms1mx3.2/18, Error ellipse: s-maj=73.0km s-min=21.1km az=61.0

ISCJB 12 05:48:45.9.1.4, 37.19S:0.09:73.8W:0.2, h14km, mb3.6/3, MS3.5/1, Error ellipse: s-maj=26.6km s-min=12.7km bz=2.5

ISC 12 05:48:48.1.4, 37.2S:0.1:73.8W:0.2, h14km, n12, az=246/13, mb3.7/3, Near coast of central Chile

Table with 10 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include Paso Flores, Pitinga, Uspallata, Rocci, Rocci, AUSP, AUSP, RTLC, RTLC, AACL, AACL, VCA, VCA, CPUP, CPUP, LPAZ, LPAZ, SIV, SIV, TXAR, TXAR, TORD, TORD

IDC 12 06:25:01.0.1.2, 36.56S:73.41W, h0km, mb3.6/8, mb1 4.0/7, mb1mx3.9/19, mbtmp3.8/7, ML3.7/1, MS3.3/4, Ms1 3.3/4, ms1mx3.1/24, Error ellipse: s-maj=41.0km s-min=28.5km az=49.0

ISCJB 12 06:25:03.7.0.7, 36.61S:0.05:73.47W:0.07, h27km, mb3.7/3, MS3.2/3, Error ellipse: s-maj=6.3km s-min=6.4km az=164.8

GUC 12 06:25:04.2.0.4, 36.63S:73.37W, h7km, gkm, ML3.8, NEIC 12 06:25:04.0.36:63S:73.37W, h7km, mb4.3/1, ML3.8(GUC), After GUC.

NEIC Felt [I]I] at Coelemu, Concepcion, Hualpencillo, Penco, Talcahuano and Toms; [I]I] at Cauquenes, Chiguayante and Talca.

ISC 12 06:25:05.2.0.8, 36.64S:0.05:73.38W:0.08, h27km, n34, az=136/37, mb3.9/7, MS3.2/3, 2D, Near coast of central Chile

Table with 10 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include San Pedro de C, COCH, COCH, CCHI, CCHI, CCHI, CCHI, CANA, CANA, CANA, ROCA, ROCA, PLCA, PLCA, PLCA, PLCA, AAGR, AAGR, AUSP, AUSP, ASAL, ASAL, RTLS, RTLS, RTCV, RTCV, ATLL, ATLL, ANMO, ANMO, AVFE, AVFE, LCO, LCO, LCO, AACL, AACL, VCA, VCA, TRQA, TRQA, CPUP, CPUP, LPAZ, LPAZ, SIV, SIV, NNA, NNA, PMSA, PMSA, TXAR, TXAR, DBIC, DBIC, ANMO, ANMO, NVAR, NVAR, PDAR, PDAR, TORD, TORD, BVAR, BVAR, ZALV, ZALV, ZALV, ZALV, MKAR, MKAR

IDC 12 07:26:01.5.0.5, 49.96N:0.02:78.47E:0.06, h0km, Error ellipse: s-maj=6.0km s-min=3.1km az=14.1

NNC 12 07:26:02.8.0.3, 50.01N:18.75E, h1km, 3km, mb3.6, mpv3.3, Error ellipse: s-maj=4.6km s-min=2.1km az=70.0, Suspected Mining explosion.

IDC 12 07:26:04.1.0.8, 50.08N:78.82E, h0km, mb1.3/4, mb1mx3.2/36, mbtmp3.4/4, ML3.3/2, Error ellipse: s-maj=12.6km s-min=6.2km az=56.0

ISC 12 07:26:03.5.0.8, 50.00N:0.04:78.82E:0.07, h0km, n24, az=182/37, 24C-13D, Eastern Kazakhstan

Table with 10 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include Kur07, Kur07, Kur06, Kur06, Kur14, Kur14, Kur15, Kur15, Kur08, Kur08, Kur16, Kur16, Kur17, Kur17, Kur05, Kur05, Kur04, Kur04, Kurk, Kurk, Kurk, Kurk, MK31, MK31

IDC 12 06:32:11.3.3.2, 36.14N:69.93E, h0km, mb3.5/3, mb1 3.6/8, mb1mx3.4/39, mbtmp3.6/8, ML3.0/5, Error ellipse: s-maj=54.2km s-min=26.8km az=149.0

NNC 12 06:32:18.1.4.3, 36.42N:69.93E, h119km, 16km, mb3.1, mpv3.7, Error ellipse: s-maj=14.1km s-min=11.8km az=146.0

ISC 12 06:32:16.4.2.2, 36.33N:0.2:69.4E:0.1, h48km, n19, az=180/22, 4C-2D, Hindu Kush region

Table with 10 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include DZET, DZET, DZET, DZET, AML, AML, KK31, KK31, UCH, UCH

Table with 10 columns: AAK, Ala-Archa, AAK, AAK, AAK, AAK, CHMS, Chumysh, TKM2, Tokmak 2, TKM2, Tokmak 2, MKAR, Makanchi Array, AB31, Abbulak array, Kurbs, Kurchatov Arra, AKTO, Aktyubinsk, AKTO, Aktyubinsk, BVAR, Borovoye Array, ZALV, Zalesovo Beam, NOA, Noyan-Archa Array, YKA, Yellowknife Arr

GUC 12 06:38:28.7.0.4, 37.21S:73.75W, h17km, gkm, ML3.9, Near coast of central Chile

Table with 10 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include CCSP, CCSP, CCSP, COCH, COCH, CCHI, CCHI, CCHI, CCHI, ROCC, ROCC, AAGR, AAGR, ARCO, ARCO, ASAL, ASAL, AUSP, AUSP, RTLS, RTLS, RTLL, RTLL, AMOG, AMOG, AVFE, AVFE

IDC 12 07:20:36.9.2.0, 9.51S:114.51E, h0km, mb3.8/5, mb1 4.0/6, mb1mx3.7/32, mbtmp3.9/6, ML3.7/1, Error ellipse: s-maj=86.8km s-min=20.7km az=55.0

ISCJB 12 07:20:47.3.0.7, 9.61S:104.67E:0.04, h105km, gkm, mb3.9/5, Error ellipse: s-maj=14.6km s-min=5.9km az=8.6

DJA 12 07:20:49.5.0.5, 10.5S:7.115E, h53km, 17km, M4.5/18, mb5.4/1, mb5.2/1, MLv4.1/18, Mw(m)4.9/1

ISC 12 07:20:47.7.1.1, 9.67S:114.66E:0.05, h89km, n11km, n26, r105/34, mb4.0/5, South of Bali

Table with 10 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include DNP, DNP, RTBI, RTBI, JAGI, JAGI, JAGI, JAGI, BYJI, BYJI, KHKI, KHKI, SRBI, SRBI, ABJI, ABJI, BLJI, BLJI, TWSI, TWSI, KRKI, KRKI, KMMI, KMMI, PWJI, PWJI, SJJI, SJJI, PCJI, PCJI, DBNI, DBNI, BLJI, BLJI, WOJI, WOJI, UGM, UGM, CGJI, CGJI, FITZ, FITZ, FITZ, FITZ, WRA, WRA, STKA, STKA, USRK, USRK, SONM, SONM, MKAR, MKAR, YKA, YKA

IDC 12 07:58:41.8.1.4, 29.02N:142.41E, h0km, mb3.6/4, mb1 3.7/5, mb1mx3.5/38, mbtmp3.6/5, ML3.6/1, MS2.9/1, Ms1 2.9/1, ms1mx2.4/37, Error ellipse: s-maj=43.2km s-min=21.0km az=84.0

JMA 12 07:58:43.0.1.2, 29.16N:142.44E, h20km, M4.0, ISCJB 12 07:58:44.1.1.0, 29.14N:140.44E:0.3, h27km, mb3.7/4, Error ellipse: s-maj=35.4km s-min=5.0km az=174.0

ISC 12 07:58:45.6.1.2, 29.01N:106.142E:0.3, h27km, n14, az=090/14, mb3.7/4, Southeast of Honshu

Table with 10 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include CBUJ, CBUJ, CJJI, CJJI, JCJI, JCJI, BS03, BS03, BS04, BS04, JOD2, JOD2, JHU, JHU, JRY, JRY, JHU, JHU, MJAR, MJAR, JNU, JNU, SONM, SONM, MKAR, MKAR, BVAR, BVAR, YKA, YKA

WEL 12 08:03:27.6.0.9, 47.34S:165.24E, h33km, ML3.5/7, 1C, Error ellipse: s-maj=9.7km s-min=5.8km az=90.0, Off west coast of South Island

Table with 10 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include PYZ, PYZ, APZ, APZ, APZ, APZ, WHZ, WHZ, WHZ, WHZ, SYZ, SYZ, SYZ, SYZ, MLZ, MLZ, MLZ, MLZ, EAZ, EAZ, EAZ, EAZ, WKZ, WKZ, ODZ, ODZ, CAS, CAS, MOMN, MOMN, COPN, COPN, COPN, COPN, ESTN, ESTN, ESTN, ESTN, PAST, PAST, TECA, TECA, TECA, TECA

IDC 12 08:16:25.9.1.1, 36.31S:73.28W, h0km, mb4.0/8, mb1 4.2/10, mb1mx4.1/28, mbtmp4.0/10, ML3.9/2, MS3.7/3, Ms1 3.6/3, ms1mx3.3/19, Error ellipse: s-maj=31.1km

Table with 10 columns: MK31, MK31, MKAR, MKAR, MKAR, MKAR, ZALV, ZALV, ZALV, ZALV, H46RU, H46RU, BVAO, BVOROVY ARR, BVAO, BVOROVY ARR, BVAO, BVOROVY ARR, BVAO, BVOROVY ARR, BVAR, BVOROVY ARR, BVAR, BVOROVY ARR, BVAR, BVOROVY ARR, ZRNK, ZERENDA, ZRNK, ZRNK, ZRNK, ZRNK, PDGK, PDGODNOVA, TKM2, TKM2, TKM2, TKM2, AAK, AAK, AAK, AAK, KK31, KARATAY ARR, KK31, KK31, KK31, AKTO, AKTYUBINSK

PGC 12 07:37:35.6.0.1, 50.60N:130.32W, h10km, MLsn2.9/8, Mw3.5/8, 205km west of Pt. Hardy, Bc Vancouver Island, Canada Region, Vancouver Island region

Table with 10 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include HOLB, HOLB, HOLB, HOLB, MAYB, MAYB, MAYB, MAYB, FHRB, FHRB, WOSB, WOSB, NCRB, NCRB, CBB, CBB

IDC 12 07:58:41.8.1.4, 29.02N:142.41E, h0km, mb3.6/4, mb1 3.7/5, mb1mx3.5/38, mbtmp3.6/5, ML3.6/1, MS2.9/1, Ms1 2.9/1, ms1mx2.4/37, Error ellipse: s-maj=43.2km s-min=21.0km az=84.0

JMA 12 07:58:43.0.1.2, 29.16N:142.44E, h20km, M4.0, ISCJB 12 07:58:44.1.1.0, 29.14N:140.44E:0.3, h27km, mb3.7/4, Error ellipse: s-maj=35.4km s-min=5.0km az=174.0

ISC 12 07:58:45.6.1.2, 29.01N:106.142E:0.3, h27km, n14, az=090/14, mb3.7/4, Southeast of Honshu

Table with 10 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include CBUJ, CBUJ, CJJI, CJJI, JCJI, JCJI, BS03, BS03, BS04, BS04, JOD2, JOD2, JHU, JHU, JRY, JRY, JHU, JHU, MJAR, MJAR, JNU, JNU, SONM, SONM, MKAR, MKAR, BVAR, BVAR, YKA, YKA

WEL 12 08:03:27.6.0.9, 47.34S:165.24E, h33km, ML3.5/7, 1C, Error ellipse: s-maj=9.7km s-min=5.8km az=90.0, Off west coast of South Island

Table with 10 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include PYZ, PYZ, APZ, APZ, APZ, APZ, WHZ, WHZ, WHZ, WHZ, SYZ, SYZ, SYZ, SYZ, MLZ, MLZ, MLZ, MLZ, EAZ, EAZ, EAZ, EAZ, WKZ, WKZ, ODZ, ODZ

CASC 12 08:13:00.0.1.4, 12.71N:87.30W, h0km, 5km, MD3.7, ML1.8, Near coast of Nicaragua

Table with 10 columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include MOMN, MOMN, COPN, COPN, COPN, COPN, ESTN, ESTN, ESTN, ESTN, PAST, PAST, TECA, TECA, TECA, TECA

IDC 12 08:16:25.9.1.1, 36.31S:73.28W, h0km, mb4.0/8, mb1 4.2/10, mb1mx4.1/28, mbtmp4.0/10, ML3.9/2, MS3.7/3, Ms1 3.6/3, ms1mx3.3/19, Error ellipse: s-maj=31.1km

s-min=19.8km az=67.0
ISCJB 12 08:16:28.4.0.5,36:29S:01:04:73:32W:0.06,h27km,
mb4.2/11,MS3.6/2,Error ellipse: s-maj=6.8km

s-min=5.7km az=165.0
GUC 12 08:16:28.8.0.4,36:42S:73:25W,h9km,mb4.4/3,ML4.0(GUC),
NEIC 12 08:16:28.0.36:42S:73:25W,h9km,mb4.4/3,ML4.0(GUC),
After GUC.

NEIC Fell [III] at Cauquenes, Concepcion, Hualpencillo,
Pelluhue, Penco, Quilhue, Talcahuano and Tome; [II] at
Chanco, Chiguayante and Talca.

ISC 12 08:16:29.4.0.6,36:39S:05:73:31W:0.07,h27km,n36,
+1843/0,mb4.2/11,3D,Near coast of central Chile

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

DJA 12 08:19:57.4.0.4,7.5S:5:15:5E,1h10km,M4.8/9,mb4.9/9,
mB5.3/5,Mw(mB)4.7/5

ISCJB 12 08:19:58.0.0.8,6:60S:0:03:154:25E:0.03,h40km,7km,
mb5.1/131,MS4.3/21,Error ellipse: s-maj=5.5km

s-min=4.4km az=169.3
MOS 12 08:20:00.7.1.2,6:37S:154:20E,h42km,mb5.3/36,Error
ellipse: s-maj=9.6km s-min=1km az=103.5

IDC 12 08:20:00.9.0.6,6:52S:154:19E,h37km,mb4.6/19,
mb1.4/2/3,mb1mx4.6/37,mbmp4.8/23,ML4.2/3,MS4.2/18,
Ms1.4/2/18,ms1mx4.1/25,Error ellipse: s-maj=17.2km
s-min=13.9km az=84.0

BUI 12 08:20:01.9.6:10S:154:53E,h53km,mb5.1/60,mb5.4/41,
Ms5.1/30,Ms7.4/8/30

NEIC 12 08:20:02.7.0.7,6:58S:154:21E,h54km,mb5.2/89,
Error ellipse: s-maj=5.4km s-min=4.7km az=168.0

CGMT 12 08:20:02.7.0.2,6:78S:154:25E,h19km,MW5.1/75,
Moment Tensor Solution. s48,c58; s75,c117; Duration:
0 Moment tensor: Scale 10^19Nm; Mrr=4.46e21;
Mtt=2.1e13; Mss=2.94e13; Mtr=2.30e27; Mtr=1.7e09;
Mtt=2.59e29; Best double couple: Ms=46700x10^16

NP1: 138.00000°, 825.00000°, 91.00000°, NP2:
e=316.00000°, 825.00000°, 189.00000°. Principal axes: T
5.6980, Plg70.0000°, Azm49.0000°; N -0.4520,
Plg1.0000°, Azm317.0000°; P -5.2360, Plg20.0000°.

Azm227.0000°; nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s.

ISC 12 08:20:01.5.0.5,6:60S:0:05:154:36E:0.05,h46km,3km,
h46km;pp-P,n365,+1926/394,mb5.1/127,MS4.3/22,7C-7D,
Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists seismic stations in the Bougainville-Solomon Islands region.

baz=19,SNR=4.5
EIDS Eidsvold 18.93 189 eP Pn 08 24 19.3 +0.7

DZM Mont Dzumac 19.30 144 eP Pn 08 24 24.1 -0.1

DZM DZM comp=2.0,9nm,0.3s,baz=121,slow=2.8,SNR=9.2 08 31 25.9

QIS Mount Isa 19.93 224 P P 08 24 29.3 -0.4

TARA Tarawa 20.14 68 eP Pn 08 24 33.3 +1.3

RMQ Roma 20.49 194 P P 08 24 36.4 +0.8

QUM Qulupia 22.09 205 P P 08 24 52.6 -0.3

GUMO Guam 22.16 335 LR LR 08 34 23.7

GUMO Guam comp=2.330nm,1.4s 08 24 56.7 +3.0

GUMO Guam 22.16 335 eP Pmax 08 24 56.7 +3.0

FAKI Fak Fak 22.34 278 P P 08 24 55.6 -0.1

FAKI Fak Fak comp=2.73nm,1.4s,comp=2.1um 08 24 53.8 -1.8

KDU Kakao 22.40 253 P P 08 24 56.0 -0.3

SAUI Saumaki 22.92 265 eP P 08 25 01.4 -0.4

WR7 Warramunga Arr 23.43 234 P P 08 25 05.5 -1.3

WRAB Tennant Creek 23.52 234 P P 08 25 06.3 -1.4

WRAB Tennant Creek 23.52 234 eP P 08 25 05.8 -1.8

WRAB Tennant Creek 23.52 234d iP Pmax 08 25 06.0 -1.7

WB2 Warramunga Arr 23.52 234 P P 08 25 06.5 -1.2

WBC1 Warramunga Arr 23.52 234 P P 08 25 06.4 -1.3

WRA Warramunga Arr 23.54 234 P P 08 25 06.2 -1.6

WRA comp=2.49nm,0.9s,baz=57,slow=9.9,SNR=7.1 08 33 44.1

MTN Manton Dam 23.71 253 P P 08 25 09.2 -0.3

MTN Manton Dam 23.71 253 eP P 08 25 07.7 -1.8

SWI Sorong 23.74 283 P P 08 25 10.9 +1.2

ARMA Armidale 23.83 186 eP P 08 25 10.7 -0.2

SARN Saigona 24.66 340 eP P 08 25 20.2 +2.1

AS01 Alice Springs 25.94 227 P P 08 25 28.7 -1.0

AS01 Alice Springs 25.97 227 eP P 08 25 29.1 -1.0

CMSA Cobar Meteorol 26.10 197 P P 08 25 30.3 -0.8

MGRC Mangrove Creek 26.65 186 P P 08 25 37.8 -1.9

KNCB Kununurra 26.66 248 P P 08 25 35.6 -0.7

STKA Stephens Creek 27.83 204 P P 08 25 45.4 -1.2

STKA Stephens Creek 27.83 204 eP P 08 25 45.3 -1.4

STKA Stephens Creek 27.83 204 eP P 08 25 45.5 -1.2

STKA Stephens Creek 27.83 204 eP Pmax 08 25 45.5 -1.2

SOEI Soe 29.95 262 eP P 08 26 05.5 -0.3

FITZ Fitzroy Cross 20.25 245 P P 08 26 05.8 -2.4

FITZ Fitzroy Cross 20.25 245 LR LR 08 37 45.3

FITZ Fitzroy Cross 20.25 245 eP P 08 26 06.8 -1.4

FITZ Fitzroy Cross 20.25 245 eP P 08 26 06.9 -1.4

HTT Hallett 30.20 206 P P 08 26 07.8 -0.8

WRKA Warakura 30.96 231 P P 08 26 13.1 -1.4

ARPS Mount Arapiles 32.14 199 P P 08 26 24.5 -0.1

KAPI Kappang 34.47 271 eP P 08 26 45.0 -0.2

MYLDM Lahad Datu 37.66 287 eP P 08 27 11.4 -1.2

MYLDM Tawau 38.00 286 iP P 08 27 16.9 -8.1

THZ Topohuse 38.70 158 eP P 08 27 22.4 +1.3

JAGI Jajag, Banyuw 39.90 265 eP P 08 27 29.1 -2.2

KKM Kota Kinabalu 40.09 287 eP P 08 27 32.4 -0.7

KLWR Kellerberrin 42.26 229 P P 08 27 49.8 -0.8

comp=2.1um,17.1s 54.45 340 P P 08 29 23.5 -0.7

USRKY Usuriysk Arr 54.45 340 P P 08 29 23.5 -0.7

TIA Tai'an 55.08 323 eP Pmax 08 29 28.4 -0.5

MDJ Mudanjiang 55.65 339 P Pmax 08 29 32.1 -0.7

PPT Papeete 55.71 107 LR LR 08 50 36.1

PPT2 Papeete2 55.71 107 eSS SS 08 40 57.8 -5.8

SRAK Srakaw 55.81 292 P P 08 29 42.8 +8.3

TBI Tubuai 56.41 114 eLQ LQ 08 43 53.9

TBI Sadio Pong 56.57 335 eLR LR 08 29 43.7 +4.2

GYA Guiyang 56.72 308 pP pP 08 29 42.0 +1.0

GYA Guiyang 56.72 308 pP pP 08 29 57.8 -1.5

GYA Guiyang 56.72 308 pP pP 08 30 05.4 +1.1

GYA Guiyang 56.72 308 pP pP 08 31 51.0 +3.4

GYA Guiyang 56.72 308 pP pP 08 34 30.2 -2.4

GYA Guiyang 56.72 308 pP pP 08 37 28.8 -2.0

GYA Guiyang 56.72 308 pP pP 08 37 55.0 +2.5

GYA Guiyang 56.72 308 pP pP 08 41 17.8 -1.6

GYA comp=2.20nm,1.0s 08 29 43.7 +4.2

GYA comp=2.130nm,5.4s 08 29 42.0 +1.0

GYA comp=2.580nm,18.0s 08 29 57.8 -1.5

GYA comp=2.520nm,18.2s 08 30 05.4 +1.1

PKBT comp=2.560nm,18.6s 57.60 294 P P 08 29 51.5 +4.3

UTTA Utatarad 58.37 295 P P 08 29 54.2 +1.6

NANT Nan 58.60 291 P P 08 29 55.6 +1.4

SRDT SRDT 58.61 291 P P 08 29 55.9 +1.6

UTHA Uthaitani 58.68 293 P P 08 29 56.0 +1.2

PHRA Phrae 58.91 296 P P 08 29 58.2 +1.8

XAN Xi'an 58.99 316 pP pP 08 29 56.4 -0.3

XAN Xi'an 58.99 316 pP pP 08 30 12.6 -2.5

XAN comp=2.20nm,1.0s 08 29 56.4 -0.3

SUKH Sukhothai 59.11 295 P P 08 30 01.8 +4.0

KMI Kunming 59.28 304 pP pP 08 29 57.0 -2.1

KMI Kunming 59.28 304 pP pP 08 30 15.3 -2.2

KMI Kunming 59.28 304 pP pP 08 30 22.8 +1.1

KMI Kunming 59.28 304 pP pP 08 30 06.0 -3.9

KMI comp=2.29nm,1.0s 08 29 56.4 -0.3

KMI comp=2.200nm,4.3s 08 30 12.6 -2.5

KMI comp=2.220nm,11.1s 08 30 01.8 +4.0

KMI comp=2.320nm,14.9s 08 30 04.8 +4.7

KMI comp=2.240nm,16.0s 08 30 04.8 +4.7

UMPA Umpang Tak 59.41 293 P P 08 30 02.8 +2.9

LAMP Lampang 59.45 296 P P 08 30 04.8 +4.7

PETK Petropavlovsk 59.55 2 LR LR 08 56 05.8

CM01 Chiang Mai Arr 60.02 296 eP P 08 30 04.9 +0.4

CMAR Chiang Mai Arr 60.05 296 eP P 08 30 04.6 +0.4

CHTO Chiang Mai 60.17 296 P P 08 30 06.6 +1.6

CHTO Chiang Mai 60.17 296 eP P 08 30 06.3 +1.2

CHTO Chiang Mai 60.17 296 eP Pmax 08 30 06.3 +1.2

CHTO Chiang Mai 60.17 296 eP Pmax 08 30 06.3 +1.2

NKL Nikolayevsk 60.64 351 iP P 08 30 07.0 -0.6

NKL Nikolayevsk 60.64 351 eP Pmax 08 30 17.8

CD2 Chengdu 61.08 311 pP pP 08 30 10.5 -0.6

CD2 Chengdu 61.08 311 pP pP 08 30 26.2 +1.9

CD2 Chengdu 61.08 311 pP pP 08 30 53.0 -0.9

CD2 Chengdu 61.08 311 pP pP 08 32 25.4 -0.8

CD2 Chengdu 61.08 311 pP pP 08 38 25.1 -1.7

CD2 Chengdu 61.08 311 pP pP 08 38 52.4 +3.4

CD2 Chengdu 61.08 311 pP pP 08 42 27.1 -0.6

CD2 comp=2.50nm,1.0s 08 30 10.5 -0.6

CD2 comp=2.150nm,3.6s 08 30 26.2 +1.9

CD2 comp=2.440nm,9.0s 08 30 53.0 -0.9

HHC Hu-ho-hao-te 61.41 324 eP P 08 38 25.4 -0.8

HHC Hu-ho-hao-te 61.41 324 eP Pmax 08 38 25.4 -0.8

HHC comp=2.12nm,1.0s 08 38 52.4 +3.4

HHC comp=2.360nm,7.2s 08 42 27.1 -0.6

HHC comp=2.320nm,13.0s 08 38 25.4 -0.8

HHC comp=2.430nm,14.7s 08 38 52.4 +3.4

HHC comp=2.180nm,14.8s 08 38 25.4 -0.8

HIA Hailar 63.30 335 eP P 08 30 25.3 -0.4

HIA Hailar 63.30 335 eP Pmax 08 30 25.2 -0.4

LZH Lanzhou 63.60 316 iP P 08 30 29.8 +1.8

LZH Lanzhou 63.60 316 pP pP 08 30 40.8 -0.4

LZH Lanzhou 63.60 316 pP pP 08 30 44.9 -1.6

LZH Lanzhou 63.60 316 eS sS 08 38 58.0 -0.8

LZH Lanzhou 63.60 316 eS sS 08 39 24.0 +3.1

LZH Lanzhou 63.60 316 eS sS 08 43 07.0 -0.1

LZH comp=2.110nm,1.3s 08 30 10.5 -0.6

LZH comp=2.410nm,5.6s 08 30 26.2 +1.9

MA2 Magadan 66.03 358 eP P 08 30 57.1 +3.3

GTA Gaotai 68.03 317 pP pP 08 31 09.2 -0.5

GTA Gaotai 68.03 317 pP pP 08 31 15.6 +0.6

GTA Gaotai 68.03 317 pP pP 08 39 51.9 -0.8

GTA Gaotai 68.03 317 pP pP 08 40 18.8 +3.9

GTA Gaotai 68.03 317 pP pP 08 44 13.0 -2.8

GTA comp=2.46nm,1.1s 08 30 25.3 -0.4

GTA comp=2.190nm,6.9s 08 30 25.2 -0.4

GTA comp=2.210nm,11.1s 08 30 29.8 +1.8

GTA comp=2.290nm,13.8s 08 30 40.8 -0.4

GTA comp=2.260nm,15.0s 08 30 44.9 -1.6

ULN Ulanbaatar 68.34 328 eP P 08 30 58.7 +0.5

ULN Ulanbaatar 68.34 328 eP Pmax 08 30 59.0 +0.8

SHL Shillong 68.56 301 eP P 08 31 01.0 -0.9

SOMM Songino Array 68.67 328 P P 08 31 00.2 -0.1

SOMM Songino Array 68.67 328 P P 08 31 00.2 -0.1

SOMN comp=2.11nm,0.9s,baz=131,slow=4.2,SNR=44 09 01 25.0

SONA Songino Array 68.67 328 eP P 08 31 00.6 +0.3

SEY Seymchan 69.35 359 iP P 08 31 02.9 -1.1

12d 8h

Table with columns: Station, Name, Frequency, Class, Power, SNR, and other technical details. Includes stations like LSA, YAK, ZAK, BOD, TLY, TAPN, etc.

2011 FEB

Table with columns: Station, Name, Frequency, Class, Power, SNR, and other technical details. Includes stations like KURK, KURB, TKM2, KZKA, UCH, etc.

598

Table with columns: Station, Name, Frequency, Class, Power, SNR, and other technical details. Includes stations like WVOR, DAC, 109C, MURC, MPMC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Muleshoe, F28A, S35A, etc.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

ATH 12 08:57:01.7,38:39N-21:79E, h14km, 1km, ML3.1/11, Error ellipse: s-maj=1.6km s-min=0.8km az=100.0, Analyst: Chousianitis ML Amplitudes are expressed in micrometres All distances are expressed in km

ATH 12 08:57:01.7,38:39N-21:79E, h14km, 1km, ML3.1/11, Error ellipse: s-maj=1.6km s-min=0.8km az=100.0, Analyst: Chousianitis ML Amplitudes are expressed in micrometres All distances are expressed in km

ISC 12 08:29:50.0,2.6,48S-154.07E, h0km, mb3.7/5, mb1 3.9/5, mb1mx3.7/26, mbtmp3.7/5, Error ellipse: s-maj=99.3km s-min=27.6km az=101.0, Bougainville-Solomon Islands region

ISC 12 08:29:50.0,2.6,48S-154.07E, h0km, mb3.7/5, mb1 3.9/5, mb1mx3.7/26, mbtmp3.7/5, Error ellipse: s-maj=99.3km s-min=27.6km az=101.0, Bougainville-Solomon Islands region

ISC 12 08:57:02.7,0.38:40N-21:79E, h0km, mb3.5/4, Error ellipse: s-maj=2.3km s-min=2.0km az=111.0, CSEM 12 08:57:02.3,0.1,38:39N-21:80E, h2km, ML3.2, Error ellipse: s-maj=2.2km s-min=2.0km az=47.0

ISC 12 08:57:02.7,0.38:40N-21:79E, h0km, mb3.5/4, Error ellipse: s-maj=2.3km s-min=2.0km az=111.0, CSEM 12 08:57:02.3,0.1,38:39N-21:80E, h2km, ML3.2, Error ellipse: s-maj=2.2km s-min=2.0km az=47.0

ISC 12 08:57:02.7,0.38:40N-21:80E, h2km, 1km, ML3.2/26, Error ellipse: s-maj=1.3km s-min=0.5km az=256.0

ISC 12 08:57:02.7,0.38:40N-21:80E, h2km, 1km, ML3.2/26, Error ellipse: s-maj=1.3km s-min=0.5km az=256.0

ISC 12 08:36:48.4,3.9,6.42S-154.06E, h0km, mb3.6/3, mb1 3.8/3, mb1mx3.6/17, mbtmp3.7/3, Error ellipse: s-maj=137.3km s-min=40.0km az=117.0, Bougainville-Solomon Islands region

ISC 12 08:36:48.4,3.9,6.42S-154.06E, h0km, mb3.6/3, mb1 3.8/3, mb1mx3.6/17, mbtmp3.7/3, Error ellipse: s-maj=137.3km s-min=40.0km az=117.0, Bougainville-Solomon Islands region

ISC 12 08:44:29.8,0.5,38:38S-175.87E, h173km, 4km, ML3.6/15, 11C, Error ellipse: s-maj=3.2km s-min=2.8km az=0.0, North Island

ISC 12 08:44:29.8,0.5,38:38S-175.87E, h173km, 4km, ML3.6/15, 11C, Error ellipse: s-maj=3.2km s-min=2.8km az=0.0, North Island

ISC 12 09:23:35.9,0.1,38:42N-21:77E, h0km, mb3.5/2, Error ellipse: s-maj=2.4km s-min=2.2km az=24.0, CSEM 12 09:23:35.9,0.1,38:41N-21:78E, h2km, ML3.1, Error ellipse: s-maj=1.9km s-min=1.8km az=17.1, Error ellipse: s-maj=1.7km s-min=0.8km az=134.0, Analyst: Chousianitis ML Amplitudes are expressed in micrometres All distances are expressed in km

ISC 12 09:23:35.9,0.1,38:42N-21:77E, h0km, mb3.5/2, Error ellipse: s-maj=2.4km s-min=2.2km az=24.0, CSEM 12 09:23:35.9,0.1,38:41N-21:78E, h2km, ML3.1, Error ellipse: s-maj=1.9km s-min=1.8km az=17.1, Error ellipse: s-maj=1.7km s-min=0.8km az=134.0, Analyst: Chousianitis ML Amplitudes are expressed in micrometres All distances are expressed in km

ISC 12 09:23:35.0,2.4,38:21N-21:92E, h0km, mb3.7/2, mb1 3.5/3, mb1mx3.2/34, mbtmp3.5/3, ML3.1/11, Error ellipse: s-maj=147.5km s-min=25.6km az=145.0

ISC 12 09:23:35.0,2.4,38:21N-21:92E, h0km, mb3.7/2, mb1 3.5/3, mb1mx3.2/34, mbtmp3.5/3, ML3.1/11, Error ellipse: s-maj=147.5km s-min=25.6km az=145.0

ISC 12 09:23:36.3,38:41N-21:78E, h2km, 1km, ML3.2/25, Error ellipse: s-maj=1.2km s-min=0.5km az=296.0

ISC 12 09:23:36.3,38:41N-21:78E, h2km, 1km, ML3.2/25, Error ellipse: s-maj=1.2km s-min=0.5km az=296.0

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

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

12d 11h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, EVR, S, Sb, AML, etc. Includes stations like ARBE Arbavere, VSU Vasula, VJF Virojoki, etc.

12d 11:37:35.9-1.0, 38.41N-21.73E, h0km, mb3.8/9, mb1 3.8/15, mb1mx3.6/44, mbtmp3.7/15, ML3.6/6, MS3.7/1, Ms1 3.7/1, ms1mx2.6/54, Error ellipse: s-maj=18.4km s-min=15.6km az=52.0

ISCJB 12 11:37:36.7-0.2, 38.38N-0.01-21.76E, h0km, mb3.8/9, mb3.7/9, MS3.7/1, Error ellipse: s-maj=2.2km s-min=1.9km az=39.4

ATH 12 11:37:36.3, 38.38N-21.78E, h16km, ML3.5/5, Error ellipse: s-maj=1.0km s-min=0.5km az=200.0, Analyst: Daskalaki M.L. Amplitudes are expressed in micrometres All distances are expressed in km

CSEM 12 11:37:37.2-0.1, 38.36N-21.79E, h10km, ML3.5/5, Error ellipse: s-maj=3.1km s-min=2.6km az=51.0

THE 12 11:37:37.0, 38.39N-21.78E, h0km, ML3.6/30, Error ellipse: s-maj=1.0km s-min=0.6km az=274.0

ISC 12 11:37:37.0-0.7, 38.39N-0.01-21.77E, h10km, 4km, n202, az=94/300, mb3.8/9, 1C, Greece

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, EVR, S, Sb, AML, etc. Includes stations like UPRI University Cam, EFPAL Efpalio, RODI Rodini, etc.

2011 FEB

Table with columns: EVR, S, Sb, AML, Time, Res, etc. Includes stations like 5181um,0.2s, 6092um,0.3s, 525um,0.3s, etc.

604

Table with columns: ATH, S, P, Pn, Time, Res, etc. Includes stations like ATH Athens Observa, ATH Athens Observa, etc.

12d 11:50:54.9-1.2, 3.82N-127.18E, h0km, mb3.8/6, mb1 3.9/6, mb1mx3.6/47, mbtmp3.8/6, Error ellipse: s-maj=66.8km s-min=16.4km az=69.0, Talaud Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, FITZ, WRA, ASAR, CMAR, SONM, MKAR, KURBB, YKA, etc.

NNC 12 11:52:43.7-4.7, 36.07N-69.91E, h13km, 28km, mb4.0

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like POHA Pohakuloa, SOKR Solikamsk, CHGN Chignik, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like DIV Divide, VORR Voronezh, VSR Storzhevoje, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like STHS Stebnicka Huta, STHS Namsos, VTS Vitosh, etc.

Table with columns: ID, Name, Time, Res, P, PKP, etc. Rows include stations like X39A Fountain Ranch, 635A Leesville, 735A Kennedy, etc.

Table with columns: ID, Name, Time, Res, P, PKP, etc. Rows include stations like BCIP, 337A Centerville, 835A Beeville, etc.

Table with columns: ID, Name, Time, Res, P, PKP, etc. Rows include stations like PDAR Pinedale Array, TORD Torodi Ar. Bea, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Rows include stations like GUC Off coast of central Chile, COCH Cobquecura, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Rows include stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Rows include stations like H08S1 Diego Garcia H, H08S2 Diego Garcia H, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Rows include stations like GUC 12:42:03.5, GUC 12:42:00.0, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Rows include stations like CCSP San Pedro de C, COCH Cobquecura, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Rows include stations like AUPSP Uspallata, ASAL Salagasta, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Rows include stations like KOPT Kop Dagi, KOPT Kop Dag, etc.

12d 14h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IVAT Vatsfell, ISKR Skrokalkalda, ISKR Krokalkalda, IKRI Krysuvik, etc.

DDA 12 14:26:55.8,36.85°N,39.39°E, h7km, Md2.8
CSEM 12 14:26:56.2,0.5,36.86°N,39.43°E, h2km, MD2.8, Error ellipse: s-maj=10.4km s-min=4.6km az=163.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SURC SANLIURFA_SURC, SURC SANLIURFA_SURC, URFU Urfu, etc.

ISCJTB 12 14:33:28.9,0.5,24.75°N,102.38°E,0.02,h7km,4km, Error ellipse: s-maj=6.7km s-min=2.6km az=6.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TWB1 Santiao Chiao, TWC Suao, JYNG Yonagunijimaku, etc.

1201 FEB

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TWQ1 Lyutan, TWQ1 Hungye, EHY Hungye, etc.

KRNET 12 14:43:31.4,0.1,39.24°N,71.38°E, mb3.1
NMC 12 14:43:31.4,1.6,38.78°N,71.89°E, h0km, mb3.9, mpv3.5, Error ellipse: s-maj=18.5km s-min=5.2km az=148.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TOKL Toktogul, MNAS Manas, AML Almayashu, etc.

ISCJTB 12 14:45:48.4,0.5,40.54°N,103.25°E,0.03,h6km,5km, Error ellipse: s-maj=5.6km s-min=4.0km az=159.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SMTH Samothraki Isl, GADA Gvigeada, ALN Alexandroupoli, etc.

612

Table with columns: SIGR, SIGRI, MRMT, MRMT, EDRB, EDRB, EDC, EDC, SRS, SRS, SRS, SRS, HORT, HORT, HORT, HORT, GRG, GRG, GRG, GRG. Includes station names like Marmara Adasi, Marmara Adasi, Edirne, Edirne, etc.

IDC 12 14:52:14.3,3.32,125.179,39W, h0km, mb3.8/2, mb1.4/0.3, mb1mx3.8/24, mb1mx3.8/3, ML2.9/1, Error ellipse: s-maj=71.9km s-min=49.2km az=107.0, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like URZ Urewera, URZ Urewera, ASAR Alice Springs, WRA Warramunga Arr, FINES FINES Array B, etc.

DHMR 12 14:55:23.2,1.6,12.1°N,43.86°E, h5km, 19km, ML4.1, 1C, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like UDYN Al Udayan, UDYN Al Udayan, LBOS LBOS, LBOS Al Bayda', BDHA Al Bayda', DHBB Dhamar BB, HAJJ Hajjah, HAJJ Hajjah, etc.

ISCJTB 12 14:59:49.5,0.5,45.76°N,0.02,26.59°E,0.03,h9km,4km, Error ellipse: s-maj=4.0km s-min=3.5km az=165.0

CSEM 12 14:59:50.4,0.2,45.76°N,26.58°E, h90km, 2km, MD3.8, Error ellipse: s-maj=3.7km s-min=2.9km az=174.0

BUC 12 14:59:50.5,0.6,45.76°N,26.59°E, h88km, 6km, MD3.8/3, Error ellipse: s-maj=5.0km s-min=4.6km az=123.0

SOF 12 14:59:52.7,45.40°N,26.54°E, h13km, MD3.4

ISC 12 14:59:50.1,2.45,76°N,0.02,26.59°E,0.02,h94km,5km, n103,0.087/155,42C-42D, Romania

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PLOR Plostina, PLOR Plostina, PLOR Plostina, VRI Vrincoiaia, VRI Vrincoiaia, VRI Vrincoiaia, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Power, and other parameters. Includes stations like R37A Teagarden Farm, Q39A Willow Grove F, T34A McCleary Farm, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Power, and other parameters. Includes stations like 933A Laredo, 537A Green Hill Far, 636A Smothers Creek, etc.

ISN 12 16:12:36.9 0.5, 33.92N-45.00E, h1km, 3km, ML3.1
CSEM 12 16:12:38.2 0.5, 34.16N-44.90E, h5km, ML3.1, Error
TEH 12 16:12:41.4, 33.96N, 45.12E, h7km, ML3.1

Table with columns: Code, Station Name, Azimuth, Elevation, Power, Phase ID, Time, Res, and other parameters. Includes stations like BHD Baghdad, IBDR Badra, IGHH Ghaleghazi, etc.

NIED 12 16:28:00.38, 40N, 143.40E, h14km, Mw4.2 Best double
couple: M2 62000-1015, NP1 204.00000, R20.00000,
1.90.00000, NP2 204.00000, R264.00000, R30.00000.

JMA 12 16:28:27.1 0.1, 38.36N, 143.36E, h28km, M4.4
NEIC 12 16:28:30.3 3.2, 38.40N, 143.27E, h31km, 21km, mb4.5/7,
Error ellipse: s-maj=16.6km s-min=9.2km az=126.0

ISC 12 16:28:32.1 3.2, 38.26N, 143.31E, h50km, 27km, mb3.9/19,
mb1.4/0.22, mb1mx3.8/39, mbmp4.1/22, ML3.1/3, MS3.6/6,
Ms1.3/6.6, ms1mx3.3/31, Error ellipse: s-maj=21.6km
s-min=18.0km az=116.0

Table with columns: Code, Station Name, Azimuth, Elevation, Power, Phase ID, Time, Res, and other parameters. Includes stations like OFJU Ofunato, JIO Ouri, JMK Ichinoseki, etc.

ISC 12 16:28:28.1 0.8, 38.41N, 0.07, 143.28E, 0.08, h15km, n56,
r1151/54, mb4.3/27, Off east coast of Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Power, Phase ID, Time, Res, and other parameters. Includes stations like OFJU Ofunato, JIO Ouri, JMK Ichinoseki, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Power, and other parameters. Includes stations like MKAR Makanchi Array, KURK Kurchatov Arr, KURBB Kurchatov Arr, etc.

CSEM 12 16:33:40.2 6.0, 34.26N-45.09E, h2km, ML2.5, Error
ellipse: s-maj=30.4km s-min=5.4km az=144.0
ISN 12 16:33:41.4, 34.03N, 44.87E, h0km, ML2.5
TEH 12 16:33:41.1, 34.22N-44.95E, h17km, ML2.6, Iraq

Table with columns: Code, Station Name, Azimuth, Elevation, Power, Phase ID, Time, Res, and other parameters. Includes stations like BHD Baghdad, BHD Baghdad, BHD Baghdad, etc.

ISN 12 16:34:06.2 4.1, 0.34, 13N, 44.91E, h0km, 163km, ML3.0
CSEM 12 16:34:15.6 0.2, 34.26N-44.87E, h2km, ML3.0, Error
ellipse: s-maj=7.0km s-min=3.1km az=146.0

TEH 12 16:34:17.9, 34.14N-44.94E, h7km, ML3.0, 6C-2D, Iraq

Table with columns: Code, Station Name, Azimuth, Elevation, Power, Phase ID, Time, Res, and other parameters. Includes stations like BHD Baghdad, BHD Baghdad, BHD Baghdad, etc.

ASRS 12 16:36:54.0 1.6, 52.24N-91.60E, h15km, Ms2.3/2
NWC 12 16:37:12.4 8.7, 52.81N-89.28E, h4km, 37km, mb3.5,
mpv3.2, Error ellipse: s-maj=80.5km s-min=40.1km az=3.0

ISC 12 16:36:56.1 2.6, 52.3N, 0.1, 91.4E, 0.1, h10km, n7, z522/7,
4C-3D, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Elevation, Power, Phase ID, Time, Res, and other parameters. Includes stations like CERR Chermushki, TASR Tashtagol, TASR Tashtagol, etc.

Table with columns: BDHA, iS, Sb, 16.52, 16.7, +1.2, 16.52, 22.3

comp=N,477nm,0.4s

Table with columns: DHMR, Station Name, Delta A, AZ, Phase ID, Time, Res

DHMR 12 17:12:42.4, 1.01, 11.95N, 44.01E, h14km, 12km, ML3.7, Western Arabian Peninsula

Table with columns: ADEN, Station Name, Delta A, AZ, Phase ID, Time, Res

MEX 12 17:13:14.4, 0.7, 14.82N, 92.45W, h102km, 6km, MD3.6, Near coast of Chiapas

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

BJI 12 17:14:52.6, 3.93S, 100.05E, h11km, mb4.3/17, mb5.0/10, Mb5.0/1, Ms7.4/8.1

IDC 12 17:14:54.0, 1.7, 3.75S, 100.14E, h0km, mb4.1/8, mb1.4/2.8, mb1mx3.8/5.1, mbtmp4.1/8, MS3.4/3, Ms1.3/4.3, ms1mx2.9/5.0, Error ellipse: s-maj=56.9km s-min=22.9km az=49.0

NEIC 12 17:14:55.3, 0.6, 3.73S, 100.21E, h10km, mb4.5/9, Error ellipse: s-maj=22.0km s-min=7.7km az=55.0

ISCJB 12 17:14:59.1, 0.5, 3.09S, 0.04, 100.78E, 0.05, h35km, mb4.3/18, MS3.4/3, Error ellipse: s-maj=8.9km s-min=4.0km az=145.4

DJA 12 17:15:00.2, 0.3, 3.5S, 101.1E, h109km, 4km, M4.0/23, mb4.8/2, mb3.9/10, MLV4.1/23, Mw(MB)4.1/2

ISC 12 17:15:03.3, 0.8, 2.99S, 0.06, 100.72E, 0.06, h35km, n65, c#201/38, mb4.4/18, MS3.4/3, Southern Sumatra

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

Table with columns: KSH, Kashi, 48.03, 334, P, 17.23, 37.4, -1.9, 17.23, 45.4, -4.3

comp=Z,3.0nm,0.7s

Table with columns: KSH, Station Name, Delta A, AZ, Phase ID, Time, Res

DHMR 12 17:18:17.8, 0.8, 12.09N, 43.87E, h13km, 8km, ML4.8, ISCJB 12 17:18:21.6, 0.5, 12.05N, 0.06, 44.01E, 0.05, h10km, mb4.0/16, MS3.4/3, Error ellipse: s-maj=9.6km s-min=4.9km az=139.1

IDC 12 17:18:21.3, 1.1, 11.80N, 44.01E, h0km, mb3.9/12, Mb1.4/0.12, mb1mx3.8/4.8, mbtmp3.9/12, MS3.5/6, Ms1.3/5.6, ms1mx3.2/4.8, Error ellipse: s-maj=27.8km s-min=14.4km az=164.0

NEIC 12 17:18:22.9, 0.7, 11.88N, 44.02E, h10km, mb4.3/4, Error ellipse: s-maj=16.9km s-min=1.5km az=160.0

ISC 12 17:18:23.2, 0.8, 12.08N, 0.06, 44.09E, 0.09, h10km, n31, c#185/44, mb4.1/16, MS3.4/3, Western Arabian Peninsula

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

ROM 12 17:26:43.6, 0.1, 42.68N, 13.02E, h10km, Md2.3/18, M11.9/13, Error ellipse: s-maj=0.9km s-min=0.6km az=64.0

IASPE 12 17:26:44.1, 1.0, 42.68N, 0.02, 13.01E, 0.02, h11km, 6km, Error ellipse: s-maj=3.4km s-min=2.7km az=55.2, G75 selection from ISC bulletin G75 identified by Bond 'r and McLaughlin (2009) selection criteria Bond 'r and Warrungu Arr. A new ground truth data set for seismic studies, <>Seism. Res. Let. <>, <>>80<><>, 465-472, 2009

ISCJB 12 17:26:44.1, 0.4, 42.68N, 0.02, 13.00E, 0.03, h10km, 4km, Error ellipse: s-maj=4.3km s-min=3.0km az=136.8

CSEM 12 17:26:44.2, 0.1, 42.68N, 13.00E, h8km, ML2.5/10, Error ellipse: s-maj=2.4km s-min=1.7km az=48.0

ISC 12 17:26:44.1, 0.8, 42.68N, 0.02, 13.01E, 0.02, h11km, 5km, n39, 0.86/70, Central Italy

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

Table with columns: APC, Apacha, 4.74, 13, PN, 17.20, 50.8, +2.5, 17.20, 53.5, +1.6

comp=Z,0.1nm,0.3s,baz=170,slow=14,SNR=32

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

ROM 12 17:26:43.6, 0.1, 42.68N, 13.02E, h10km, Md2.3/18, M11.9/13, Error ellipse: s-maj=0.9km s-min=0.6km az=64.0

IASPE 12 17:26:44.1, 1.0, 42.68N, 0.02, 13.01E, 0.02, h11km, 6km, Error ellipse: s-maj=3.4km s-min=2.7km az=55.2, G75 selection from ISC bulletin G75 identified by Bond 'r and McLaughlin (2009) selection criteria Bond 'r and Warrungu Arr. A new ground truth data set for seismic studies, <>Seism. Res. Let. <>, <>>80<><>, 465-472, 2009

ISCJB 12 17:26:44.1, 0.4, 42.68N, 0.02, 13.00E, 0.03, h10km, 4km, Error ellipse: s-maj=4.3km s-min=3.0km az=136.8

CSEM 12 17:26:44.2, 0.1, 42.68N, 13.00E, h8km, ML2.5/10, Error ellipse: s-maj=2.4km s-min=1.7km az=48.0

ISC 12 17:26:44.1, 0.8, 42.68N, 0.02, 13.01E, 0.02, h11km, 5km, n39, 0.86/70, Central Italy

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

Table with columns for station name, frequency, power, and other technical details. Includes stations like RAO Raoul Island, FUNA Funafuti, and various other regional stations.

Table with columns for station code, name, coordinates, and performance metrics. Includes stations like MVCO, PV05, P18A, PNT, etc.

Table with columns for station code, name, coordinates, and performance metrics. Includes stations like MLY, BJT, BJT, BJT, etc.

Table with columns for station code, name, coordinates, and performance metrics. Includes stations like JCT, JCT, JCT, JCT, etc.

12d 17h

Table with columns for ID, Name, Date, Time, and other details. Includes entries like 334A Lometa, KSCO Kaye Shedlock, KSCO Kaye Shedlock, etc.

2011 FEB

Table with columns for ID, Name, Date, Time, and other details. Includes entries like I25A Rochford, CLNS Chul'man, CLNS Chul'man, etc.

622

Table with columns for ID, Name, Date, Time, and other details. Includes entries like U34A Anderson Ranch, I27A Quinn, 238A Jacksonville, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like H37A Dierke Farm, C, 99.34 46 P Pdif, F36A Milaca, 99.37 45 P Pdif, ULM Lac du Bonnet, 99.44 40 P Pdif, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like HYB Hyderabad, 110.45 281 eP PKIKP, BINY Binghamton, 110.65 52 PFAKE LR, NGP Nagpur, 110.99 285 eP PKIKP, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like KKAR Karatay Array, 121.23 308 ePKP, KKAR Karatay Array, 121.23 308 ePKP, ILULI Ilulissat, 121.30 20 i P, etc.

Table with columns: Country, Name, Frequency, Band, Mode, Power, etc. Includes stations like Novokhoporsk, Obninsk, Tsumeb, etc.

Table with columns: Country, Name, Frequency, Band, Mode, Power, etc. Includes stations like Belsk, Mbarara, Keskin, etc.

Table with columns: Country, Name, Frequency, Band, Mode, Power, etc. Includes stations like BR231, WOL, HARR, etc.

12d 18h

Table of station data for 12d 18h, including call signs like KBA, KFL, VLS, and various frequencies and power levels.

Table of station data for 2011 FEB, including call signs like KFL, VLS, PCAS, and various frequencies and power levels.

Table of station data for MOS 12 18:25:26.1, including call signs like KUR, SHO, YUK, and various frequencies and power levels.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ILIC, ERZINCAN, ERZIN, PERTEK, KELT, ELZIG, CUKAN, AKCADAG.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like OKHA, NIKOLAYEVSK, GRNRY, EKIMCHAN, BOMNACK, YASNYY.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like AKHISAR, DEMIRCI, MANISA, KULA, BALIKESIR, GEDIZ, TVSB, AYDIN, KYTB, KCTX.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SKHL, OKHA, NIKOLAYEVSK, GRNRY, EKIMCHAN, BOMNACK, YASNYY.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CHICHIJIMA, GUMU, MJAR, NJUR, KSRSS, USRSK, PETK, SOMN, WRA, SEY, CMAR, ASAR, STKA, ZALV, MKAR, ILAR, BVAR, INK, ARU, YKA, NVAR, FINES, PDAR, AKASG, NVAR, TXAR, TORD, LPAZ.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JAY, WRAB, WRA, FITZ, ASAR, CMAR, MKAR, ZALV, TKM2, EKSS, BRVK, LPAZ.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DHMR, ADEN, LBOS, BDHA, RCDM, SAN, LACH, TACH, AUPS, ARCO, RTLS, AAGR, ASAL, NICH, RCTV, RTLL, AMOG, ACAN, LGO, LCU, VCA.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like VCA, AACL, TCA, CYA, KSRSS, SOMN, WRA, CMAR, ZALV, MKAR, ILAR, NVAR, FINES.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RTLS, AUPS, SJA, RTCV, RTLL, ASAL, AMOG, ROCI, ROCO, ARCO, PEL, AAGR, SAN, TACH, ACAN, LCO, VACH, VCA, APPL, AACL, TCA, FSA, PLCA, CPUP, LPAZ, SIV, TXAR, DBIC, TORD, WRA, ZALV, MKAR.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PEL, AAGR, SAN, TACH, ACAN, LCO, VACH, VCA, APPL, AACL, TCA, FSA, PLCA, CPUP, LPAZ, SIV, TXAR, DBIC, TORD, WRA, ZALV, MKAR.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SUCO, CYA, FSA, PLCA, CPUP, LPAZ, SIV, TXAR, DBIC, TORD, WRA, ZALV, MKAR, ISCJB, IDC, GUC, NEIC.

Table of astronomical observations for 13d Oh, listing station names (GYA, POO, CD2, etc.), frequencies, and various parameters like SNR and error margins.

Table of astronomical observations for 2011 FEB, listing station names (BRVK, MDJ, AKTO, etc.), frequencies, and various parameters like SNR and error margins.

Table of astronomical observations for 2011 FEB, listing station names (DSF, KAG, DESFINA, etc.), frequencies, and various parameters like SNR and error margins.

Technical notes and coordinates: IDC 13 00:17:20.8... 38.70N-22.83E, h0km, mb3.5/1, mb1 3.6/14, mb1mx3.5/45, mbtmp3.5/14, ML3.4/3, Error ellipse: s-maj=19.2km, s-min=15.7km, az=117.0. ISC/JB 13 00:17:23.0... 38.75N-0.01-22.84E... 0.02, h11km, 3km, mb3.5/10, Error ellipse: s-maj=2.3km, s-min=2.0km, az=11.9. ATH 13 00:17:22.7... 38.71N-22.81E, h17km, 1km, ML3.7/15, Error ellipse: s-maj=1.6km, s-min=0.7km, az=110.0, Analyst: Chousianitis ML. Amplitudes are expressed in micrometres. CSEM 13 00:17:23.1... 38.72N-22.83E, h2km, ML3.7, Error ellipse: s-maj=2.1km, s-min=1.7km, az=99.0. THE 13 00:17:23.4... 38.72N-22.82E, h0km, 1km, ML3.8/12, Error ellipse: s-maj=1.8km, s-min=0.5km, az=41.0. ISC 13 00:17:23.4... 38.72N-0.01-22.83E... 0.01, h15km, 5km, n231, s1818/295, mb3.5/10, 12C-9D, Greece=21.

AXS	Araxos	1.25 246	P	Pg	00 17 46.1 -1.5
AXS	Araxos	1.25 246	P	Pg	00 17 46.1 -1.5
DID	Didima	1.25 165	P	Pg	00 17 46.9 -0.7
DID	Didima	1.25 165	P	Pg	00 17 46.7 -0.9
DID	Didima	1.25 165	P	Pg	00 17 46.7 -0.9
RFS	Riolos of Patr	1.26 239	S	Sn	00 17 46.2 -1.4
RLS	Riolos of Patr	1.26 239	S	Sn	00 18 04.8 +1.7
RLS	Riolos of Patr	1.26 239	S	Sn	00 17 46.2 -1.4
TRIP	Tripoli	1.27 200	P	Pg	00 17 47.2 -0.7
TRIP	Tripoli	1.27 200	P	Pg	00 17 47.2 -0.7
PRD	Prodromos	1.29 265	P	Pg	00 17 47.2 -1.1
PDO	Prodromos	1.29 265	P	Pg	00 17 47.2 -1.1
PDO	Prodromos	1.29 265	P	Pg	00 17 47.4 -0.9
KRANID	KRANIDI	1.36 169	P	Pn	00 17 48.0 +0.2
KRND	KRANIDI	1.36 169	P	Pn	00 17 48.3 +0.5
KRND	KRANIDI	1.36 169	P	Pn	00 17 48.3 +0.5
KRND	KRANIDI	1.36 169	P	Pn	00 17 48.2 +0.5
PAIG	Paliouri	1.37 28	P	Pn	00 17 46.9 -1.1
PAIG	Paliouri	1.37 28	P	Pn	00 17 47.9 -0.1
PAIG	Paliouri	1.37 28	P	Pn	00 17 47.9 -0.1
VLX	Vlachokerasia	1.40 195	P	Pg	00 17 49.7 -0.5
VLX	Vlachokerasia	1.40 195	P	Pg	00 17 49.7 -0.5
VLX	Vlachokerasia	1.40 195	P	Pg	00 18 08.3 +1.7
VLX	Vlachokerasia	1.40 195	P	Pg	00 17 49.7 -0.5
LIT	Litokhoron	1.40 349	P	Pn	00 17 48.1 -0.4
LIT	Litokhoron	1.40 349	P	Pn	00 17 48.1 -0.4
LIT	Litokhoron	1.40 349	P	Pn	00 17 48.9 +0.4
DSL	Palaion Diasel	1.41 287	P	Pn	00 17 49.6 +1.0
DSL	Palaion Diasel	1.41 287	P	Pn	00 17 49.9 +0.3
DSL	Palaion Diasel	1.41 287	P	Pn	00 18 08.6 +1.6
DSL	Palaion Diasel	1.41 287	P	Pn	00 17 49.9 +0.3
AMT	Artemida-Makis	1.48 217	P	Pb	00 17 51.0 +0.4
AMT	Artemida-Makis	1.48 217	P	Pb	00 17 50.4 +0.9
AMT	Artemida-Makis	1.48 217	P	Pb	00 17 50.4 +0.9
MEV	Metsovon	1.63 311	P	Pb	00 17 53.5 +0.2
MEV	Metsovon	1.63 311	P	Pb	00 17 53.4 +0.2
ITM	Ithomi	1.70 205	P	Pb	00 17 54.1 -0.2
ITM	Ithomi	1.70 205	P	Pb	00 17 54.0 +1.5
ITM	Ithomi	1.70 205	P	Pb	00 17 54.0 +1.5
LKD2	Lefkada island	1.70 273	P	Pb	00 17 54.8 +0.5
LKD2	Lefkada island	1.70 273	P	Pb	00 17 54.7 +0.4
LKD2	Lefkada island	1.70 273	P	Pb	00 17 54.7 +0.4
LKD2	Lefkada island	1.70 273	P	Pb	00 17 54.7 +0.4
KFL	Anninata	1.72 250	P	Pb	00 17 54.8 +0.2
KFL	Anninata	1.72 250	P	Pb	00 17 54.8 +0.2
PLG	Polygros	1.72 16	P	Pb	00 17 52.8 0.0
PLG	Polygros	1.72 16	P	Pb	00 17 52.8 0.0
KZN	Kozani	1.78 333	P	Pn	00 17 55.0 +1.3
KZN	Kozani	1.78 333	P	Pn	00 17 55.0 +1.3
JAN	Janina	1.80 302	P	Pn	00 17 55.7 +1.8
JAN	Janina	1.80 302	P	Pn	00 17 55.7 +1.8
VLS	Valsamata	1.84 254	S	Sb	00 18 20.2 +0.6
VLS	Valsamata	1.84 254	S	Sb	00 17 56.3 +1.8
VLS	Valsamata	1.84 254	S	Sb	00 18 20.2 +0.6
OUR	Ouranopolis	1.84 29	P	Pb	00 17 54.7 +0.3
OUR	Ouranopolis	1.84 29	P	Pb	00 17 54.7 +0.3
HORT	Hortiatiss	1.89 6	P	Pb	00 17 55.4 +0.2
HORT	Hortiatiss	1.89 6	P	Pb	00 17 55.4 +0.2
VLI	Veliai	2.00 178	P	Pn	00 17 56.1 -0.5
VLI	Veliai	2.00 178	P	Pn	00 17 57.1 +0.4
VLI	Veliai	2.00 178	P	Pn	00 17 57.1 +0.4
PYL	PYLOS	2.02 206	P	Pb	00 17 59.3 -0.4
PYL	PYLOS	2.02 206	P	Pb	00 17 59.3 -0.4
IGT	Igoumenitsa	2.10 293	P	Pb	00 18 00.8 -0.5
IGT	Igoumenitsa	2.10 293	P	Pb	00 18 00.8 -0.5
SOH	Sokhos	2.14 11	P	Pb	00 17 59.5 +0.9
SOH	Sokhos	2.14 11	P	Pb	00 17 59.5 +0.9
NEST	Nestorio	2.18 321	P	Pb	00 18 01.7 -0.9
NEST	Nestorio	2.18 321	P	Pb	00 18 01.3 +2.1
NEST	Nestorio	2.18 321	P	Pb	00 18 01.3 +2.1
SGD	Sagiada	2.21 295	P	Pb	00 18 02.6 -0.3
SGD	Sagiada	2.21 295	P	Pb	00 18 02.6 -0.3
GRV	Griva	2.26 352	P	Pb	00 18 09.0 +0.7
GRV	Griva	2.26 352	P	Pb	00 18 09.0 +0.7
FNA	Florina	2.34 332	P	Pn	00 18 02.8 +1.4
FNA	Florina	2.34 332	P	Pn	00 18 02.8 +1.4
SIGR	SIGRI	2.41 77	P	Pn	00 18 03.1 +0.9
SIGR	SIGRI	2.41 77	P	Pn	00 18 03.1 +0.9
KNT	Kendrikon	2.44 1	P	Pn	00 18 03.9 +1.2
KNT	Kendrikon	2.44 1	P	Pn	00 18 03.9 +1.2
VAY	Valandovo	2.60 356	Pn	Pn	00 18 06.3 +1.3
VAY	Valandovo	2.60 356	Pn	Pn	00 18 06.2 +1.3
APE	Apeiranthos	2.70 127	P	Pn	00 18 07.0 +0.7
APE	Apeiranthos	2.70 127	P	Pn	00 18 07.2 +0.9
APE	Apeiranthos	2.70 127	P	Pn	00 18 07.2 +0.9
NVR	Nevoikopi	2.74 16	P	Pn	00 18 07.5 +0.6
NVR	Nevoikopi	2.74 16	P	Pn	00 18 07.5 +0.6
CHR	Chrid	2.85 327	Pn	Pn	00 18 11.0 +2.9
CHR	Chrid	2.85 327	Pn	Pn	00 18 11.0 +2.6
MMB	Musomiste	2.95 13	P	Pn	00 18 09.0 +0.2
KKB	Krupnik	3.15 3	P	Pn	00 18 12.7 +0.3
RZN	Rozhen	3.30 25	P	Pn	00 18 15.3 +0.7
KDZ	Kurdzhali	3.53 33	P	Pn	00 18 17.1 -0.6
IDI	Anoyia	3.85 154	Pn	Pn	00 18 22.2 +0.7
IDI	Anoyia	3.85 154	Pn	Pn	00 19 06.6 +0.6
VTS	Vitoshia	3.88 4	P	Pn	00 18 24.4 +1.8
VTS	Vitoshia	3.88 4	P	Pn	00 18 23.4 +0.8
SIVA	Sivas	4.02 156	P	Pn	00 18 23.9 -0.6
LAST	Lasithi	4.14 148	P	Pn	00 18 26.0 -0.1
LAST	Lasithi	4.14 148	P	Pn	00 19 16.7 +2.4
BARS	Barje	4.16 350	P	Pn	00 18 28.0 +1.6
DRME	Dracevica, Mon	4.44 322	P	Pn	00 18 33.2 +2.9
PDG	Podgorica	4.60 325	P	Pn	00 18 34.7 +2.4
PDG	Podgorica	4.60 325	P	Pn	00 18 33.8 +1.5
TAR1	Taranto	4.64 295	P	Pn	00 18 34.1 +1.1
MPEP	Malop Peshtene	4.68 8	P	Pn	00 18 34.9 +1.4
TIP	Timpagrande	4.75 277	P	Pn	00 18 35.9 +0.9
TIP	Timpagrande	4.75 277	P	Pn	00 18 34.5 +0.0
HCY	Herczeg Novi	4.97 320	P	Pn	00 18 38.5 +1.0
BOV	Borvan	4.98 351	P	Pn	00 18 38.8 +1.2
MATE	Matera	5.10 294	P	Pn	00 18 39.3 +0.1
BOLS	Boljevac	5.14 353	P	Pn	00 18 37.7 -2.2
SG1	Spigolore (BA)	5.19 296	P	Pn	00 18 41.3 +0.8
SG1	Spigolore (BA)	5.19 296	P	Pn	00 19 45.1 +5.0
IVAS	Ivanjica	5.25 338	P	Pn	00 18 43.1 +1.7
BRY	Bratogost	5.29 323	P	Pn	00 18 42.2 +0.2
UPM	Unac-Piva	5.37 328	P	Pn	00 18 46.5 +3.3
GRUS	Gruzu	5.40 344	P	Pn	00 18 44.6 +1.2
DRME	Castel del Mon	5.56 297	P	Pn	00 18 46.9 +1.2
STON	Ston	5.69 318	P	Pn	00 18 48.1 +0.6
STON	Ston	5.69 318	P	Pn	00 19 52.9 +0.7
BZLS	Lazići	5.75 334	P	Pn	00 18 50.7 +2.5
KUBS	Kucevo	5.75 352	P	Pn	00 18 48.7 +0.5
DIVS	Dibivare	5.78 339	P	Pn	00 18 50.4 +1.7
TRUS	Trudica	6.11 342	P	Pn	00 18 54.2 +1.7
MSV1	Monte Sant'Ang	6.05 302	P	Pn	00 18 53.3 +0.9
MDR	Moldovita	6.11 353	P	Pn	00 18 54.1 +0.9
TEKS	Tekeris	6.33 338	P	Pn	00 18 57.8 +1.7
GZR	Gura Zlata	6.67 360	P	Pn	00 19 03.2 +2.4
BZES	Buzias	6.95 353	P	Pn	00 19 07.8 +3.2
MLR	Muntele Rosu	7.15 18	P	Pn	00 19 09.1 +1.6
MLR	Muntele Rosu	7.15 18	P	Pn	00 19 10.1 +2.6
BLV	Banja Luka	7.35 327	P	Pn	00 19 12.2 +2.0
BLV	Banja Luka	7.35 327	P	Pn	00 19 11.7 +1.5
FLOR	Plostinja	7.75 20	P	Pn	00 19 15.0 +1.0
UDBI	Udbina	7.85 320	P	Pn	00 19 18.2 +1.2
UDBI	Udbina	7.85 320	P	Pn	00 20 45.5 -0.1
UDBI	Udbina	7.85 320	P	Pn	00 19 18.2 +1.2
UDBI	Udbina	7.85 320	P	Pn	00 20 45.5 -0.1
PKSM	Moragy	8.10 339	P	Pn	00 19 22.1 +1.7
PKSM	Moragy	8.10 339	P	Pn	00 19 21.5 +1.5
NVLJ	Novajia	8.34 317	P	Pn	00 19 24.4 +0.7
NVLJ	Novajia	8.34 317	P	Pn	00 20 53.9 -3.6
NVLJ	Novajia	8.34 317	P	Pn	00 19 24.3 +0.7
BRTR	Keskin Array B	8.45 30	P	Pn	00 19 27.5 +2.1
CREJ	Cresnjev	8.96 325	P	Pn	00 19 31.6 -0.6
CREJ	Cresnjev	8.96 325	P	Pn	00 19 32.1 -0.6
SOKA	Soboth	9.80 327	Pn	Pn	00 19 44.1 +0.3

SOKA	Soboth	9.80 327	Pn	Pn	00 19 44.1 +0.3
ESDC	Seneca Array	20.76 281	P	P	00 22 04.3 +0.6
HFS	Hagfors	22.20 348	P	P	00 22 19.5 +0.7
FINES	FINES Array B	22.84 4	P	P	00 22 25.6 0.0
EKA	Eskdalemuir Arr	24.07 322	P	P	00 22 37.5 -0.4
TORD	Tordi Arr. Bea	31.62 222	P	P	00 23 45.7 -0.1
DBIC	Dimbokro	40.54 225	P	P	00 25 01.1 -1.1
MKAR	Makanchi Array	43.47 59	P	P	00 25 25.6 -0.3
ZALV	Zalesovo Beam	43.98 49	P	P	00 25 27.9 -1.8
SONM	Songino Array	58.71 52	P	P	00 27 19.9 -0.5
SCHG	Schefferville	59.28 318	P	P	00 27 23.6 -0.6
YKA	Yellowknife Arr	73.48 341	P	P	00 28 54.4 -0.5

DHMR 13 00:29:46.4±2.8, 11°95'N-43°88'E, h5km±41km, ML3.8
 ISC 13 00:29:48.8±1.2, 12.09N-0.07±43.84E±0.07, h4km, n6,
 c1504/12, Western Arabian Peninsula

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC
ADEN	Aden	1.30 58	Op	h m s	ISC
ADEN	Aden	1.30 58	Op	00 30 32.5	ISC
ADEN	Aden	1.30 58	Op	00 30 30.5	-0.3
ADEN	Aden	1.30 58	Op	00 30 40.6	
LBO5	LBO5	2.24 38	P	00 30 27.2	+0.3
BDHA	Al Bayda'	2.52 42	P	00 30 29.3	+1.2
BDHA	Al Bayda'	2.52 42	P	00 30 32.2	+5.5
DHBB	Dhamar BB	2.52 12	P	00 31 06.1	0.0
DHBB	Dhamar BB	2.52 12	P	00 30 30.5	-0.3
HAIJ	Hajah	3.59 356	P	00 31 09.4	-0.4
HAIJ	Hajah	3.59 356	P	00 30 47.1	+1.6
HAIJ	Hajah	3.59 356	P	00 31 35.6	+1.5
FURI	Furi	5.99 238	P	00 31 43.1	-0.5
FURI	Furi	5.99 238	P	00 33 01.6	+0.3

ISCJBJ 13 00:36:28.4±0.6, 21°56'S-0°05'68"E, h17km, 6km,
 mb3.9/9, Error ellipse: s-maj=10.2km s-min=7.7km az=7.1
 GUC 13 00:36:29.7±0.4, 21°56'S-68°47'W, h141km, 6km, ML3.8
 IDC 13 00:36:30.1±3.3, 21°64'S-68°17'W, h19km±26km, mb3.7/9,
 mb1.3/8.13, mb1mx3.7/21, mbtmp4.1/13, Error ellipse:
 s-maj=31.4km s-min=17.5km az=37.0

ISC 13 00:36:29.2±0.8, 21°57'S-0°06'68"E, h112km, 6km,
 n21, c083/28, mb3.9/9, 3C, Chile-Bolivia border region

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC
PB01	IPOC Station P	1.35 293	eP	00 36 55.2	+0.8
PB01	IPOC Station P	1.35 293	eP	00 37 13.8	+0.3
PB01	IPOC Station P	1.35 293	eP	00 37 14.7	
PB07	IPOC Station P	1.62 264	eP	00 36 57.8	+0.1
PB07	IPOC Station P	1.62 264	eP	00 37 18.9	-0.5
PB07	IPOC Station P	1.62 264	eP	00 37 20.4	
PB06	IPOC Station P	1.74 229	eP	00 36 59.8	+0.7
PB06	IPOC Station P	1.74 229	eP	00 37 23.2	+0.4
PB06	IPOC Station P	1.74 229	eP	00 37 22.5	
PB04	IPOC Station P	2.00 247	eP	00 37 02.2	-0.3
PB04	IPOC Station P	2.00 247	eP	00 37 27.1	-0.7
PB04	IPOC Station P	2.			

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SCZT, LAKE, JAY, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NNC, DZET, KK31, etc.

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BUKP, CGP, MATI, etc.

CSEM 13 01:55:49.9, 0.2, 38.83N-27.54E, h10km, MD2.7, Error ellipse: s-maj=3.5km s-min=3.1km az=68.0

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

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

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

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

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

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

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

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

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

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

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

NIED 13 03:14:00.36;70N;140.60E,h71km,Mw4.0. Best double couple
 Mo:1.2000;1015 NP1;3;27.00000; 8.19 00000;
 7.85 00000. NP2;3;212.00000; 8.71 00000; 9.22 00000.
ISCJB 13 03:14:51.2;0.4;36.66N;140.04;69E;0.05,h77km,3km,
mb3.8/18, Error ellipse: s-maj=7.4km s-min=5.5km
az=37.5

IDC 13 03:14:52.1;0.5;36.67N;140.65E,h70km,3km,mb3.7/18,
mb1.3/21,mb1mx3.8/34,mbtmp4.0/21,MS2.7/1,
Ms1 2.7/1,ms1mx2.4/46, Error ellipse: s-maj=9.3km
s-min=6.8km az=157.0

JMA 13 03:14:52.6;36.69N;140.59E,h69km,3km,ML4.0
Broadband fault plane solution: P waves. NP1:
 0.201.00000; 8.88 00000; 8.88 00000. NP2;3;66.00000;
 8.3 00000. NP3;1.135 00000. Principal axes: T P1g47.0000;
 Azm109.0000; N P1g2.0000; Azm201.0000; P
 P1g43.0000; Azm293.0000;
JMA Felt II J1.

ISC 13 03:14:52.1;0.5;36.67N;140.65E;0.05,h70km,3km,
n41,-0.091/60,mb3.9/18,8C-1D,Near east coast of
eastern Honshu

Code	Station Name	Δ°	AZ°	Phase ID	ISC	h m s	ISC	Time	Res
JHO	Hitachi	0.09	228	↑P	Sn	03	15	02.7 +0.4	
JHO	Hitachi	0.09	228	↓P	Pn	03	15	09.9 +0.2	
ONAJ	Iwakimizuishiy	0.44	15	↑P	Sn	03	15	04.9 +0.4	
ONAJ	Iwakimizuishiy	0.44	15	↓P	Pn	03	15	14.0 +0.5	
JFK	Kawauchi	0.71	14	↑P	Sn	03	15	07.6 +0.4	
JFK	Kawauchi	0.71	14	↓P	Pn	03	15	18.6 +0.3	
JFT	Otaw	0.88	343	↑P	Sn	03	15	09.5 +0.4	
JFT	Otaw	0.88	343	↓P	Pn	03	15	22.1 +0.3	
JAG	Ashikaga	1.00	256	↑P	Sn	03	15	10.8 +0.3	
JFY	Yanaizu	1.05	314	↑P	Sn	03	15	11.7 +0.4	
JFY	Yanaizu	1.05	314	↓P	Pn	03	15	25.9 +0.3	
JKT	Katahina	1.13	275	↑P	Sn	03	15	12.7 +0.4	
JKT	Katahina	1.13	275	↓P	Pn	03	15	16.5 +0.4	
JMM	Marumori	1.20	5	↑P	Sn	03	15	13.5 +0.4	
JHK	Hiroka	1.43	294	↑P	Sn	03	15	34.6 +0.4	
JHK	Hiroka	1.43	294	↓P	Pn	03	15	24.1 +0.8	
JMR	Matsushiro Arr	1.97	267	↑P	Sn	03	15	47.7 +0.6	
JMR	Matsushiro Arr	1.97	267	↓P	Pn	03	15	47.7 +0.6	
MJAR	56nm,0.3s,baz=90,slow=29,SNR=18				LR	03	16	05.5	
MJAR	comp=Z,170nm,18.1s,baz=90,slow=29,SNR=38				LR	03	15	24.4 +1.0	
MAT	Matsushiro	1.97	267	↑P	Sn	03	15	48.3 +1.1	
MAT	Matsushiro	1.97	267	↓P	Pn	03	15	46.5 +0.8	
JHJ	Hachioji jima 2	3.62	192	↑P	Sn	03	16	26.4 -0.7	
JHJ	Hachioji jima 2	3.62	192	↓P	Pn	03	16	36.4 -3.4	
ASAJ	Ashikawa	7.58	11	↑P	Sn	03	18	03.7 -0.5	
ASAJ	Ashikawa	7.58	11	↓P	Pn	03	18	07.3 -0.5	
JNU	Nakatsue	8.78	249	↑P	Sn	03	17	14.6 +1.7	
JNU	Nakatsue	8.78	249	↓P	Pn	03	17	18.6 +3.0	
USRK	Usuriyok Arr	10.00	321	↑P	Sn	03	17	14.6 +1.7	
USRK	Usuriyok Arr	10.00	321	↓P	Pn	03	17	18.6 +3.0	
KSRS	Korea Array	10.21	278	↑P	Sn	03	21	05.9	
KSRS	Korea Array	10.21	278	↓P	Pn	03	21	05.9	
SEY	Seymchan	27.42	12	↑P	Sn	03	20	31.4 +2.0	
SEY	Seymchan	27.42	12	↓P	Pn	03	20	30.7 -1.1	
SOMN	Songino Array	27.48	305	↑P	Sn	03	20	48.0 -0.3	
SOMN	Songino Array	27.48	305	↓P	Pn	03	20	55.4 -1.1	
SOMN	2.6nm,0.5s,baz=109,slow=9.1,SNR=15				SP	03	20	55.4 -1.1	
H1N2	WAKE ISLAND Hy 28.50 119				T	03	50	49.4	
H1N1	WAKE ISLAND Hy 28.50 119				T	03	50	45.9	
H1N3	WAKE ISLAND Hy 28.51 119				T	03	50	46.6	
H1S1	WAKE ISLAND Hy 29.18 121				T	03	51	37.8	
H1S3	WAKE ISLAND Hy 29.18 121				T	03	51	35.0	
H1S2	WAKE ISLAND Hy 29.20 121				T	03	51	36.2	
ZALV	Zalesovo Beam 41.71 313				P	03	22	33.8 -0.1	
ZALV	Zalesovo Beam 41.71 313				P	03	22	49.6 -1.4	
ZALV	1.6nm,0.5s,baz=96,slow=6.9,SNR=40				PP	03	22	58.8 -0.3	
ZALV	1.1nm,0.5s,baz=107,slow=6.5,SNR=20				SP	03	24	28.0 -1.1	
ZALV	0.6nm,0.5s,baz=114,slow=5.4,SNR=2.8				PCP	03	22	50.5 -0.8	
MKAR	Makanchi Array 43.80 302				P	03	23	08.5 +0.3	
MKAR	Makanchi Array 43.80 302				P	03	23	16.7 +0.5	
MKAR	1.1nm,0.8s,baz=92,slow=9.2,SNR=18				PP	03	23	40.8 +0.9	
ILAR	Eielson Array 50.12 32				P	03	23	58.1 +0.6	
ILAR	Eielson Array 50.12 32				P	03	24	15.3 -0.3	
ILAR	0.5nm,0.6s,baz=260,slow=15.5,SNR=10.0				PP	03	24	27.8 -0.1	
ASAR	Alice Springs 60.35 187				P	03	24	53.9 +0.1	
ARCES	ARCES Array B 64.12 339				P	03	25	18.5 0.0	
ARCES	ARCES Array B 64.12 339				P	03	25	36.0 -0.8	
ARCES	2.2nm,0.9s,baz=49,slow=8.3,SNR=1.7				PP	03	25	20.2 -0.3	
FINES	FINES Array B 68.85 332				P	03	25	48.0 -0.7	
FINES	FINES Array B 68.85 332				P	03	26	06.4 -0.8	
AKASG	Malin Array Bea 74.21 322				P	03	26	20.6 -0.5	
AKASG	Malin Array Bea 74.21 322				P	03	26	38.5 -1.4	
AKASG	0.7nm,0.5s,baz=49,slow=7.0,SNR=2.8				PP	03	26	21.6 +0.1	
NB2	NORSAR Subarra 74.28 337				P	03	26	21.6 +0.1	
NOA	NORSAR Array B 74.28 337				P	03	26	39.2 -1.0	
NOA	NORSAR Array B 74.28 337				P	03	26	31.5 +1.3	
NVAR	Mina Array Bea 75.69 53				P	03	26	50.6 +1.6	
NVAR	Mina Array Bea 75.69 53				P	03	26	45.6 +0.4	
PDAR	Pinedale Array 78.35 45				P	03	27	04.8 +0.8	
PDAR	Pinedale Array 78.35 45				P	03	26	45.6 +0.8	
BRTR	Keakin Array B 78.63 311				P	03	27	07.2 -0.9	
GERES	GERES Array B 82.69 328				P	03	27	26.2 -0.9	
GERES	GERES Array B 82.69 328				P	03	27	48.6 +0.5	
TXAR	Lajitas Array 90.82 52				P	03	27	48.6 +0.5	
TXAR	Lajitas Array 90.82 52				P	03	28	08.8 +1.5	

IDC 13 03:22:22.8;6.7;3.01S;100.37E,h0km,mb3.3/3,
mb1.3/5,mb1mx3.2/41,mbtmp3.3/3, Error ellipse:
s-maj=246.8km s-min=30.6km az=61.0, Southern
Sumatera

Code	Station Name	Δ°	AZ°	Phase ID	ISC	h m s	ISC	Time	Res
H0S2	Diego Garcia H	28.13	259	↑T	T	03	57	24.3	
H0S3	Diego Garcia H	28.14	259	↑T	T	03	57	24.7	
H0S1	Diego Garcia H	28.15	259	↑T	T	03	57	25.5	
WRA	Warramunga Arr	37.17	120	↑P	P	03	29	37.3 +1.4	
ASAR	Alice Springs	38.37	125	↑P	P	03	29	44.4 -1.6	

SONM Songino Array 50.90 5 P P 03 31 26.2 +0.4
 0.4nm,0.6s,baz=198,slow=7.1,SNR=4.9
TXAR Lajitas Array 145.26 39 PKPbc PKPbc 03 42 01.3 -1.7
 0.4nm,1.0s,baz=296,slow=1.6,SNR=4.6

NNC 13 03:28:10.7;1.6;41.55N;71.38E,h0km,mb3.8,mpv3.5,
Error ellipse: s-maj=11.7km s-min=9.8km az=15.0
KRNET 13 03:28:11.9;0.1;41.61N;71.43E,h13km,mb3.4
SOME 13 03:28:13.8;41.73N;71.42E,h5km
IDC 13 03:28:13.5;3.4;41.50N;71.39E,h21km,24km,mb3.6/5,
mb1.3/5/1,mb1mx3.3/46,mbtmp3.5/11,ML3,0/6, Error
ellipse: s-maj=15.8km s-min=10.5km az=177.0
ISC 13 03:28:13.2;1.0;41.63N;0.04;71.38E;0.02,h14km,7km,
n64,-0.219/94,mb3.7/5,37C-14D,Kyrgyzstan

Code	Station Name	Δ°	AZ°	Phase ID	ISC	h m s	ISC	Time	Res
ARK	Arkit	0.47	69f	eP	Pg	03	28	20.7 -1.9	
ARK	Arkit	0.47	69f	eP	Pg	03	28	26.9 -2.0	
IUG	luzhnyy	1.13	298	eP	Sg	03	28	45.3 -0.3	
IUG	luzhnyy	1.13	298	eP	Sg	03	28	49.8 -0.4	
TOKL	Toktogul	1.16	74j	eP	Pg	03	28	33.8 -1.7	
TOKL	Toktogul	1.16	74j	eP	Pg	03	28	49.8 -0.8	
CHM	Chimkent	1.49	298	eP	Pg	03	28	42.4 +0.5	
CHM	Chimkent	1.49	298	eP	Pg	03	29	04.7 +0.1	
TAS	Tashkent	1.60	260	eP	Pg	03	28	43.5 -0.4	
TAS	Tashkent	1.60	260	eP	Pg	03	29	04.7 +0.1	
KK31	Karayat Array	1.61	337	↑P	Pb	03	28	42.4 -0.4	
KK31	Karayat Array	1.61	337	↓P	Pb	03	29	03.7 -1.3	
BRLS	Borolday	1.71	313	↑P	Pg	03	28	45.4 -0.7	
BRLS	Borolday	1.71	313	↓P	Pg	03	29	08.1 -0.2	
MRKS	Merke	1.77	50	eP	Sb	03	28	45.0 +1.5	
MRKS	Merke	1.77	50	eP	Sb	03	29	07.4 +0.5	
ARLS	Aralsay	1.80	73i	↑P	Pn	03	28	44.5 +0.3	
ARLS	Aralsay	1.80	73i	↓P	Pn	03	29	08.2 +1.1	
AML	Almayashu	1.80	73	↑P	Pn	03	28	44.5 +0.3	
AML	Almayashu	1.80	73	↓P	Pn	03	28	49.9 -0.6	
EKS2	Erkin-Say	2.06	59	↑P	Pb	03	29	17.2 +1.2	
EKS2	Erkin-Say	2.06	59	↓P	Pb	03	28	49.9 -0.6	
ARLS	Aral	2.21	83f	eP	Pn	03	28	51.0 +1.3	
ARLS	Aralsay	2.21	83f	eP	Pn	03	29	03.0 -0.2	
UCH	Uchtor	2.41	75i	↑P	Sn	03	28	54.2 +1.5	
UCH	Uchtor	2.41	75i	↓P	Sn	03	28	54.0 +1.3	
AAK	Ala-Archba	2.52	66	↑P	Pb	03	28	57.5 -0.9	
AAK	Ala-Archba	2.52	66	↓P	Pb	03	29	30.3 +0.9	
AAK	Ala-Archba	2.52	66	↑P	Pg	03	28	58.2 -0.3	
AAK	Ala-Archba	2.52	66	↓P	Pg	03	29	30.7	
AAK	Ala-Archba	2.52	66	↑P	Pn	03	28	56.3 +2.3	
AAK	Ala-Archba	2.52	66	↓P	Pn	03	29	28.5 -0.9	
AAK	Ala-Archba	2.52	66	↑P	Sb	03	28	57.9 -0.5	
USP	Ospenovka	2.83	54f	↑P	Pb	03	29	01.5 -2.1	
USP	Ospenovka	2.83	54f	↓P	Pb	03	29	39.5 +1.4	
USP	Ospenovka	2.83	54	↑P	Pb	03	29	05.0 +1.4	
KBK	Karagaybulak	2.84	68	↑P	Pn	03	29	09.0 +2.5	
KBK	Karagaybulak	2.84	68	↓P	Pn	03	29	37.9 -0.7	
KBK	Karagaybulak	2.84	68	↑P	Pn	03	29	01.4 +2.9	
CHMS	Chumysay	2.85	60	↑P	Pb	03	29	03.4 -0.5	
KZA	Kyzart	2.92	80	↑P	Sn	03	29	01.2 +1.5	
KZA	Kyzart	2.92	80	↓P	Sn	03	29	39.7 -1.5	
KZA	Kyzart	2.92	80	↑P	Pb	03	29	05.1 -0.3	
TKM2	Tokmak 2	3.38	66	↑P	Pb	03	29	13.3 +0.2	
TKM2	Tokmak 2	3.38	66	↓P	Pb	03	29	56.9	
TKM2	Tokmak 2	3.38	66	↑P	Pn	03	29	08.1 +2.2	
TKM2	Tokmak 2	3.38	66	↓P	Pb	03			

double couple: M₀=5.40000×10¹⁷ Np1=184.00000°, δ69.00000°, λ98.00000°; NP2=342.00000°, δ23.00000°, λ69.00000°; Principal axes: T 4.6100, P23.0000, Azm94.0000; N 1.4000, P107.0000, Azm4.0000; P -6.0000, P167.0000, Azm274.0000;

NEIC Felt [V] at Arauco, Cobquecura, Concepcion, Coronel, Lebu, Penco, Quirihue, Talcahuano, Tome and Yumbel; [V] in much of Araucania and Bio-Bio; [I] as far as Santiago and Valdivia. Also felt at Mendoza and San Carlos de Bariloche, Argentina.

MOS 13 08:51:34.8±1.1, 36.545±.73:34W, h33km, m5.6/48, MS5.6/27 Error ellipse: s-maj=15.7km s-min=7.0km az=101.2

GCMT 13 08:51:34.0±0.1, 36.785±.73:61W, h16km, MW5.9/124, Moment Tensor Solution, s114.c210; s124.c315; Duration: 2±2 Moment tensor: Scale 10¹⁷Nm; M₀=3.28±.05; M₀₀=0.00±.03; M₁₀=3.28±.04; M₂₀=0.15±.10; M₃₀=0.41±.03; M₃₂=8.14±.30; Best double couple: M₀=7.8700×10¹⁷ Np1=182.00000°, δ79.00000°, λ101.00000°; NP2=342.00000°, δ23.00000°, λ69.00000°; Principal axes: T 8.7770, P166.0000, Azm89.0000; N 0.0170, P12.0000, Azm182.0000; P -8.7970, P134.0000, Azm273.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface/mantle waves, cutoff=50s.

ISCJB 13 08:51:34.5±0.6, 36.585±.0:03:73:35W, h40km, 5km, m5.3/161, MS5.7/215 Error ellipse: s-maj=7.8km s-min=4.9km az=170.8

BUI 13 08:51:35.1, 36.505±.73:20W, h30km, m5.5/737, MS5.9/46, MS7.5/847

ISC 13 08:51:34.7±0.6, 36.595±.0:03:73:41W, h28km, 3km, n1026, r127/952, m5.4/160, MS5.7/215, 19C-28D, Near coast of central Chile

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

Main table with columns: Station Name, Δ, AZ, Phase ID, ISC, Time, Res, ISC. Lists numerous seismic stations and their characteristics.

Table with columns: Station Name, Δ, AZ, Phase ID, ISC, Time, Res, ISC. Lists numerous seismic stations and their characteristics.

135A	Vickery Place, baz=162	72.36 339	P	P	09 02 57.9 +0.1
232A	Coleman baz=159,SNR=8.3	72.42 337	P	P	09 02 57.9 -0.3
237A	Pogue Cattle C baz=161	72.47 341	P	P	09 02 57.6 -0.9
TKL	Tuckaleechee C comp=Z,43nm,1.2s	72.53 351	eP	P	09 02 57.9 -0.9
TKL	comp=Z,2um,20.0s		LR	LR	
TKL	Tuckaleechee C	72.53 351	eP	P	09 02 57.9 -0.9
TKL	comp=Z,43nm,1.2s		MLR	MLR	
134A	White-Moore Ra baz=159	72.57 338	P	P	09 02 58.5 -0.5
Y40A	Okolona baz=163,SNR=5.3	72.65 343	P	P	09 02 59.1 -0.4
Z36A	Blue Ridge baz=161,SNR=15	72.76 340	P	P	09 02 59.9 -0.2
Y39A	Lockesburg baz=163,SNR=14	72.78 342	P	P	09 03 00.1 -0.1
133A	Hamilton Ranch baz=159,SNR=11	72.86 338	P	P	09 03 00.3 -0.5
Y38A	Idabel baz=162,SNR=16	72.93 342	P	P	09 03 00.7 -0.4
X40A	Basin Creek Fa baz=164	73.00 343	P	P	09 03 00.8 -0.8
Z35A	Perchaven, San baz=160,SNR=13	73.04 339	P	P	09 03 01.4 -0.4
ABTX	Abilene, Hawle baz=158	73.10 337	P	P	09 03 01.8 -0.4
ABTX	Abilene, Hawle comp=Z,49nm,1.0s	73.10 337	eP	P	09 03 02.2 0.0
UALR	University of comp=Z,23nm,1.0s	73.16 344	eP	P	09 03 02.1 -0.4
Y37A	Hugo baz=161,SNR=8.0	73.20 341	P	P	09 03 02.3 -0.4
MIAR	Mount Ida baz=163	73.23 343	P	P	09 03 03.2 +0.3
MIAR	Mount Ida comp=Z,26nm,1.2s	73.23 343	eP	P	09 03 02.7 -0.2
MIAR	Mount Ida comp=Z,25nm,1.2s	73.23 343	eP	P	09 03 02.7 -0.2
Z34A	Collier Ranch, baz=160	73.27 339	P	P	09 03 02.2 -1.0
Y36A	Durant baz=161,SNR=8.5	73.31 340	P	P	09 03 03.6 +0.2
X39A	Fountain Ranch baz=163,SNR=7.0	73.33 342	P	P	09 03 03.4 -0.1
SRIG	Santa Rosalia comp=Z,5um,18.0s	73.33 324	PFAKE	LR	09 03 20.0 +1.6
TZTN	Tazewell baz=159,SNR=13	73.38 351	eP	P	09 03 03.3 -0.5
Z33A	Whitaker Ranch baz=160	73.44 338	P	P	09 03 03.9 -0.4
Y35A	Marietta baz=160	73.52 340	P	P	09 03 03.7 -0.9
X38A	Whitesboro baz=162,SNR=7.7	73.66 342	P	P	09 03 05.3 -0.1
X37A	Clayton baz=162	73.72 341	P	P	09 03 05.9 +0.1
VWCC	Virginia Weste baz=162	73.72 355	eP	P	09 03 06.5 +0.7
BLA	Blacksburg comp=Z,29nm,1.1s	73.72 354	eP	P	09 03 06.8 +1.0
BLA	Blacksburg comp=Z,2um,20.0s		LR	LR	
BLA	Blacksburg comp=Z,29nm,1.1s	73.72 354	eP	P	09 03 06.8 +1.0
BLA	comp=Z,2um,20.0s		MLR	MLR	
W40A	Ferguson Farm, baz=164	73.73 343	P	P	09 03 06.6 +0.7
Y34A	Reagan Ranch, baz=160	73.77 339	P	P	09 03 05.9 -0.3
W39A	Magazine baz=163,SNR=20	73.90 343	P	P	09 03 06.4 -0.5
W38A	Poteau baz=162,SNR=11	73.96 342	P	P	09 03 07.0 -0.2
X36A	Centrahoma baz=161,SNR=15	73.96 340	P	P	09 03 06.4 -0.8
X35A	Drake baz=160	73.97 340	P	P	09 03 06.7 -0.6
UTMT	University of J. Sargeant Re JSRW	73.97 347	eP	P	09 03 07.1 -0.1
Y33A	Hilltop Ranch, baz=159,SNR=11	74.03 356	eP	P	09 03 08.5 +1.0
HSIG	HSIG	74.19 326	eP	LR	09 03 10.3 +1.6
MNTX	Comp=Z,2um,18.0s Cornudas Mount baz=159	74.24 332	P	P	09 03 08.4 -0.6
MNTX	Cornudas Mount comp=Z,20nm,1.0s	74.24 332	eP	P	09 03 08.2 -0.8
MNTX	comp=Z,4um,19.0s		LR	LR	
W37B	Quint baz=162,SNR=5.6	74.25 341	P	P	09 03 09.6 +0.6
X34A	Smith Ranch, M baz=160	74.40 339	P	P	09 03 09.7 -0.1
W36A	Wetumka baz=161	74.46 341	P	P	09 03 08.6 -1.5
V39A	Pettigrew baz=163,SNR=16	74.48 343	P	P	09 03 10.0 -0.3
CBN	Corbin Frederi comp=Z,20um,20.0s	74.52 357	PFAKE	LR	09 03 20.0 +1.0
X33A	Lawton baz=159	74.53 339	P	P	09 03 10.1 -0.5
SUR	Sutherland comp=Z,32nm,1.0s,SNR=10	74.56 119	P	P	09 03 12.2 +0.9
SUR	Sutherland comp=Z,61nm,1.0s	74.56 119	eP	P	09 03 12.5 +1.1
SUR	comp=Z,7um,18.0s		LR	LR	
W35A	Tecumseh baz=160,SNR=9.3	74.65 340	P	P	09 03 10.3 -1.0
Y30A	Stafford Cattl baz=157	74.65 337	P	P	09 03 11.1 -0.3
X32A	Elmer baz=158	74.66 338	P	P	09 03 10.6 -0.7
V38A	Canehill baz=162,SNR=14	74.69 342	P	P	09 03 10.3 -1.1
PBMO	Poplar Bluff comp=Z,73nm,1.4s	74.69 346	eP	P	09 03 10.0 -1.4
PBMO	comp=Z,1um,22.0s		LR	LR	
U40A	Yellville baz=164,SNR=16	74.79 344	P	P	09 03 11.3 -0.7
WMOK	Wichita Mounta comp=Z,47nm,1.5s	74.80 339	eP	P	09 03 11.3 -0.8
WMOK	Wichita Mounta comp=Z,47nm,1.5s	74.80 339	eP	P	09 03 11.3 -0.8
RAR	Rarotonga comp=Z,47nm,1.5s	74.86 255	PFAKE	LR	09 03 30.0 +1.7
V37A	Hulbert comp=Z,5um,18.0s	74.89 342	P	P	09 03 11.7 -0.8
U39A	Green Forest baz=163,SNR=15	74.96 343	P	P	09 03 12.2 -0.9
W34A	Bridge Creek, baz=160	74.97 340	P	P	09 03 12.3 -0.9
W34A	Bridge Creek, comp=Z,39nm,1.1s	74.97 340	eP	P	09 03 14.3 +1.1
V36A	Jenks baz=161,SNR=20	75.00 341	P	P	09 03 12.9 -0.3
X31A	McDonald Ranch baz=158,SNR=10	75.06 338	P	P	09 03 12.8 -0.9
TUL1	Leonard baz=161,SNR=18	75.08 341	P	P	09 03 12.5 -1.2
TUL1	Leonard comp=Z,46nm,0.8s	75.08 341	eP	P	09 03 13.1 -0.6
W33A	Caddo, Fort Co baz=159,SNR=17	75.09 339	P	P	09 03 13.3 -0.5
V35A	Meyer Bluff, C baz=161,SNR=14	75.21 340	P	P	09 03 13.8 -0.7
U38A	Gravette baz=162	75.23 343	P	P	09 03 13.6 -0.9
W32A	Sentinel baz=159,SNR=19	75.30 338	P	P	09 03 14.5 -0.5
USIN	University of comp=Z,51nm,0.9s	75.35 348	eP	P	09 03 14.5 -0.7
MSTX	Muleshoe	75.36 335	P	P	09 03 14.6 -0.9

MSTX	Muleshoe comp=Z,47nm,1.2s	75.36 335	eP	P	09 03 15.4 -0.1
MSTX	comp=Z,1um,20.0s		LR	LR	
SIUC	Southern Hill comp=Z,32nm,0.8s	75.37 347	eP	P	09 03 14.8 -0.5
SIUC	comp=Z,1um,20.0s		LR	LR	
U37A	Salina baz=162,SNR=10	75.38 342	P	P	09 03 14.3 -1.1
WCI	Wyandotte Cave comp=Z,17nm,0.9s	75.40 350	eP	P	09 03 14.4 -1.1
WCI	Wyandotte Cave	75.40 350	eP	P	09 03 14.4 -1.1
V34A	Guthrie baz=160,SNR=8.7	75.47 340	eP	P	09 03 15.5 -0.5
V34A	Guthrie comp=Z,36nm,0.8s	75.47 340	P	P	09 03 15.7 -0.2
T40A	Mansfield baz=164	75.48 344	P	P	09 03 15.6 -0.4
319A	Douglas comp=Z,69nm,1.5s	75.51 329	eP	P	09 03 18.4 +2.0
319A	comp=Z,3um,18.0s		LR	LR	
U36A	Oologah baz=163,SNR=7.7	75.52 342	P	P	09 03 15.8 -0.4
T39A	Clever baz=163,SNR=7.7	75.55 344	P	P	09 03 15.2 -1.2
W31A	Holland Ranch, baz=159,SNR=5.9	75.56 338	P	P	09 03 15.8 -0.8
V33A	Lossen Ranch, baz=159,SNR=12	75.67 339	P	P	09 03 16.1 -1.0
SDMD	Soldier's Deli comp=Z,800nm,21.0s	75.70 357	eP	P	09 03 18.6 +1.5
SDMD	Crocket Farms	75.75 337	P	P	09 03 18.0 +0.3
W30A	Crocket Farms baz=158	75.75 337	P	P	09 03 18.0 +0.3
U35A	Pawnee baz=161,SNR=24	75.76 341	P	P	09 03 17.1 -0.4
T38A	Diamond baz=163,SNR=12	75.78 343	P	P	09 03 16.8 -0.8
V32A	Arapaho baz=159	75.79 339	P	P	09 03 18.2 +0.4
AMTX	Amarillo comp=Z,83nm,1.3s	75.83 336	P	P	09 03 18.4 +0.2
AMTX	Amarillo comp=Z,1um,19.0s		LR	LR	
S40A	Lebanon baz=164,SNR=14	75.91 344	P	P	09 03 18.2 -0.3
121A	Cooper Peak, D baz=152	75.91 331	P	P	09 03 18.8 0.0
T37A	Cheneyville 18 baz=162,SNR=14	76.01 342	P	P	09 03 18.4 -0.6
U34A	Anderson Ranch baz=160	76.04 340	P	P	09 03 19.3 +0.2
U34A	Anderson Ranch comp=Z,114nm,1.6s	76.04 340	eP	P	09 03 19.2 0.0
V31A	Spring Creek L baz=160	76.08 338	P	P	09 03 20.2 +0.7
MWCW	Mont Chateau comp=Z,32nm,1.5s	76.11 355	eP	P	09 03 19.2 -0.3
MWCW	comp=Z,1um,19.0s		LR	LR	
OLIL	Olney comp=Z,43nm,1.3s	76.17 348	eP	P	09 03 20.0 +0.1
S39A	Bolivar baz=164,SNR=12	76.18 344	P	P	09 03 19.3 -0.7
T36A	Boogs Farm, Ca baz=161,SNR=11	76.19 342	P	P	09 03 19.5 -0.5
U33A	Lingo Farm, Me baz=160	76.19 340	P	P	09 03 20.2 +0.2
T35A	Sooner Cattle baz=161,SNR=14	76.21 341	P	P	09 03 20.5 +0.3
S38A	Stockton baz=163,SNR=23	76.25 343	P	P	09 03 20.0 -0.3
V30A	Spur Ranch, Mi baz=160	76.33 337	P	P	09 03 21.9 +1.0
BLO	Bloomington comp=Z,52nm,1.3s	76.36 350	eP	P	09 03 20.0 -0.9
BLO	Bloomington comp=Z,2um,20.0s		MLR	MLR	
U32A	Winter Ranch, baz=159,SNR=14	76.39 339	P	P	09 03 20.8 -0.4
SLM	Saint Louis comp=Z,15nm,1.3s	76.45 347	eP	P	09 03 20.5 -1.0
SLM	Saint Louis comp=Z,15nm,1.3s	76.45 347	eP	P	09 03 20.5 -1.0
T34A	McClaskey Farm comp=Z,115nm,1.3s	76.49 341	P	P	09 03 21.4 -0.3
R40A	Maddies Statio baz=164,SNR=11	76.53 345	P	P	09 03 21.1 -0.8
S37A	Fort Scott baz=162,SNR=7.0	76.59 343	P	P	09 03 21.6 -0.7
O56A	Blue Knob Stat baz=176	76.63 356	P	P	09 03 21.5 -1.0
U31A	Nine Bar Ranch baz=158	76.63 338	P	P	09 03 21.7 -1.0
LIC	Lamo comp=Z,109nm,1.4s	76.65 72	eP	P	09 03 22.2 -1.0
R39A	Chumby, Stover baz=164,SNR=13	76.71 344	P	P	09 03 22.0 -0.9
S36A	Lake Cedric, C baz=162,SNR=12	76.75 342	P	P	09 03 22.1 -1.1
R38A	Fenwick Farm, baz=163,SNR=7.4	76.78 344	P	P	09 03 22.6 -0.7
T33A	Patterson Ranc baz=160,SNR=6.6	76.84 340	P	P	09 03 23.9 +0.2
S35A	Otter Creek Ra baz=161	76.89 342	P	P	09 03 23.8 -0.2
BNM	Barren Site	76.90 332	eP	P	09 03 27.5 +3.1
TIC	Toumoula	76.92 71	eP	P	09 03 23.7 -1.1
Y22D	IRIS PASCALL I baz=153	76.94 332	P	P	09 03 26.4 +1.9
Y22D	IRIS PASCALL I	76.94 332	PFAKE	LR	09 03 40.0 +1.5
TUC	Tucson comp=Z,7um,18.0s	76.95 328	P	P	09 03 26.0 +1.4
TUC	Tucson baz=150	76.95 328	eP	P	09 03 26.3 +1.8
TUC	Tucson comp=Z,56nm,1.6s		LR	LR	
TUC	Tucson comp=Z,2um,18.0s	76.95 328	eP	P	09 03 26.3 +1.8
TUC	Tucson comp=Z,56nm,1.6s		MLR	MLR	
ACSO	Alum Creek Sta comp=Z,40nm,0.8s	76.96 352	eP	P	09 03 23.4 -0.9
KIC	Kosan Boka comp=Z,2um,21.0s	76.96 72	eP	P	09 03 24.1 -0.8
SSPA	Standing Stone comp=Z,2um,21.0s	76.97 357	eP	P	09 03 24.4 +0.1
U30A	WK&E Inc. Balk baz=158	77.02 338	P	P	09 03 25.3 +0.4
LPM	Los Pinos Moun comp=Z,31nm,0.8s	77.04 332	eP	P	09 03 26.1 +0.9
DBIC	Dimbokro comp=Z,38nm,0.8s,baz=196,slow=5.1,SNR=46	77.07 72	P	P	09 03 25.6 +0.1
DBIC	comp=Z,4um,18.5s,baz=214,slow=34		LR	LR	
DBIC	comp=Z,87nm,1.2s	77.07 72	eP	P	09 03 25.8 +0.3
DBIC	Dimbokro comp=Z,87nm,1.2s	77.07 72	eP	P	09 03 25.8 +0.3
S34A	Willow Spring baz=160	77.11 341	P	P	09 03 25.1 -0.1
T32A	Huddler Ranch, baz=159	77.12 339	P	P	09 03 25.5 +0.2
R37A	Teagarden Farm baz=162	77.12 343	P	P	09 03 24.7 -0.6
U29A	Oasis Ranch, S baz=157	77.14 337	P	P	09 03 26.2 +0.7
Q40A	Laux Farm, Aux baz=159,SNR=18	77.16 345	P	P	09 03 25.1 -0.4
PAL	Palisades	77.22 360	PFAKE	LR	09 03 40.0 +1.4
PAL	comp=Z,1um,20.0s		LR	LR	

S33A	Kaszaul Farm, baz=160	77.25 340	P	P	09 03 25.6 -0.4
T31A	Randall Ranch, baz=158	77.26 339	P	P	09 03 26.2 +0.1
R36A	Gordon, Harris baz=162	77.29 342	P	P	09 03 25.4 -0.8
ODNJ	Ogdensburg	77.31 359	PFAKE	LR	09 03 40.0 +1.4
ODNJ	comp=Z,2um,21.0s		LR	LR	
LAZ	Lafayette	77.31 332	eP	P	09 03 27.9 +1.2
Q39A	Willow Grove F baz=164,SNR=6.2	77.40 344	P	P	09 03 26.2 -0.5
CASY	Casey comp=Z,9.2nm,1.1s	77.41 182	eP	P	09 03 27.9 +1.3
CASY	comp=Z,4um,19.0s		LR	LR	
N54A	Moraine State	77.42 355	P	P	09 03 25.9 -0.9
Q38A	Cooks Store, C baz=163,SNR=8.5	7			

AA	Comp	Time	MLR	MLR	Comp	Time	MLR	MLR	Comp	Time	MLR	MLR	Comp	Time	MLR	MLR
N38A	comp=Z,2j,m,21.0s Joe's South For	79.13 345	P	P	JFWS	comp=Z,30nm,1.1s			K31A	comp=Z,2j,m,21.0s O'Neill	82.16 341	P	P			09 03 52.2 -0.4
Q30A	comp=Z,2j,m,21.0s Quinter	79.16 339	P	P	JFWS	comp=Z,2j,m,22.0s Jewell Farm	80.61 348	eP pmax	I37A	comp=Z,2j,m,21.0s Lemond, Waseca	82.26 346	P	P			09 03 51.9 -1.1
O35A	comp=Z,2j,m,21.0s Humboldt	79.23 343	P	P	JFWS	comp=Z,30nm,1.1s			HIZ	comp=Z,2j,m,21.0s Hauti	82.28 227	eP	P			09 03 54.8 +1.2
Y14A	comp=Z,2j,m,21.0s Wickenburg	79.30 327	eP	P	JFWS	comp=Z,2j,m,22.0s Hualapai Mount	80.66 327	eP	HIZ	comp=Z,2j,m,20.0s Edwards Air Fo	82.34 324	P	P			09 03 52.3 -1.4
Q29A	comp=Z,2j,m,21.0s Oakley	79.30 338	P	P	W13A	comp=Z,2j,m,22.0s Kruisinger Ran	80.68 338	P	EDW2	comp=Z,2j,m,20.0s Connelly Angus	82.34 339	P	P			09 03 53.0 -0.6
N37A	comp=Z,2j,m,21.0s Lee Faris, Mou	79.31 344	P	P	O28A	comp=Z,2j,m,22.0s Belle Mtn. Jos	80.69 325	P	J33A	comp=Z,2j,m,21.0s Fitzsimmons Fa	82.38 343	P	P			09 03 52.9 -0.7
P32A	comp=Z,2j,m,21.0s Huiting Farm,	79.31 340	P	P	Q24A	comp=Z,2j,m,22.0s Divide	80.69 335	eP	I36A	comp=Z,2j,m,21.0s Shoshone, Teco	82.39 326	P	P			09 03 53.2 -0.8
O34A	comp=Z,2j,m,21.0s Beatrice	79.35 342	P	P	L36A	comp=Z,2j,m,21.0s Harm Buss Farm	80.69 344	eP	SHOC	comp=Z,2j,m,21.0s Santa Cruz Isl	82.40 323	P	P			09 03 57.1 +3.1
GLA	comp=Z,2j,m,21.0s Glamis	79.36 326	P	P	M33A	comp=Z,2j,m,21.0s Taylor Creek F	80.78 342	P	SHPR	comp=Z,2j,m,21.0s Sheep Range	82.40 327	eP	P			09 03 55.6 +1.4
GLA	comp=Z,2j,m,21.0s Glamis	79.36 326	PFAKE	LR	MXZ	comp=Z,2j,m,21.0s Matakoa Point	80.81 230	PFAKE	K30A	comp=Z,2j,m,21.0s Basset	82.43 341	P	P			09 03 54.1 +0.1
P31A	comp=Z,2j,m,21.0s Stockton	79.43 340	P	P	LONY	comp=Z,2j,m,21.0s Lake Ozonia	80.84 359	PFAKE	I35A	comp=Z,2j,m,21.0s Creekview Farm	82.44 344	P	P			09 03 53.6 -0.4
O33A	comp=Z,2j,m,21.0s Helbron	79.47 341	P	P	LONY	comp=Z,2j,m,21.0s Waterville	80.85 3	PFAKE	MTPU	comp=Z,2j,m,21.0s Mason Pierson	82.46 330	eP	P			09 03 52.1 -2.6
N36A	comp=Z,2j,m,21.0s Muff Farm, Cla	79.53 344	P	P	WVL	comp=Z,2j,m,21.0s Waterville	80.85 3	PFAKE	OSI	comp=Z,2j,m,21.0s Osito Audit: C	82.46 324	PFAKE	LR			09 04 10.0 +1.6
TSUM	comp=Z,2j,m,21.0s Tsumeb	79.58 106	eP	P	WVL	comp=Z,2j,m,20.0s Belgrade	80.87 341	P	OSI	comp=Z,2j,m,21.0s Cedar City	82.52 329	eP	P			09 03 56.6 +1.7
TSUM	comp=Z,2j,m,21.0s Tsumeb	79.58 106	eP	P	WVL	comp=Z,2j,m,20.0s Belgrade	80.87 341	eP	CCUT	comp=Z,2j,m,21.0s Cedar City	82.52 329	eP	LR			09 03 56.6 +1.7
ACCN	comp=Z,2j,m,21.0s Adirondack Com	79.60 360	eP	P	BKZ	comp=Z,2j,m,20.0s Black Stump F	80.89 228	eP	J32A	comp=Z,2j,m,21.0s Parkston	82.64 342	P	P			09 03 54.5 -0.5
ACCN	comp=Z,2j,m,21.0s Adirondack Com	79.60 360	eP	P	BKZ	comp=Z,2j,m,20.0s Black Stump F	80.89 228	eP	LRMC	comp=Z,2j,m,21.0s Laurel Mtn Rad	82.68 325	P	P			09 03 56.0 +0.4
IBP	comp=Z,2j,m,21.0s Imperial Bould	79.62 324	P	P	L35A	comp=Z,2j,m,21.0s Bielow Farm, R	80.90 344	P	ECS	comp=Z,2j,m,21.0s EROS Data Cent	82.69 343	P	P			09 03 54.7 -0.6
P30A	comp=Z,2j,m,21.0s Selden	79.69 339	P	P	MURC	comp=Z,2j,m,21.0s Murata	80.91 324	P	ECS	comp=Z,2j,m,21.0s EROS Data Cent	82.69 343	eP	P			09 03 55.0 -0.3
SDCO	comp=Z,2j,m,21.0s Great Sand Dun	79.71 335	P	P	LBZ	comp=Z,2j,m,21.0s Lake Benmore	80.96 221	PFAKE	N23A	comp=Z,2j,m,21.0s Red Feather La	82.69 336	P	P			09 03 56.0 +0.3
SDCO	comp=Z,2j,m,21.0s Great Sand Dun	79.71 335	eP	P	LBZ	comp=Z,2j,m,21.0s Lake Benmore	80.96 221	PFAKE	N23A	comp=Z,2j,m,21.0s Red Feather La	82.69 336	eP	P			09 03 56.5 +0.8
SDCO	comp=Z,2j,m,21.0s Great Sand Dun	79.71 335	eP	P	N29A	comp=Z,2j,m,21.0s Votaw Ranch, W	80.99 339	P	N23A	comp=Z,2j,m,21.0s Red Feather La	82.69 336	eP	LR			09 03 56.5 +0.8
Q28A	comp=Z,2j,m,21.0s Sharon Springs	79.72 338	P	P	M31A	comp=Z,2j,m,21.0s Lambrecht Ranc	81.02 341	P	K29A	comp=Z,2j,m,21.0s Lazy Trails An	82.70 340	P	P			09 03 55.2 -0.3
SWSC	comp=Z,2j,m,21.0s Sam W. Stewart	79.72 325	P	P	FRNY	comp=Z,2j,m,21.0s Flat Rock	81.05 360	eP	H37A	comp=Z,2j,m,21.0s Dierke Farm, C	82.71 346	P	P			09 03 55.3 0.0
M38A	comp=Z,2j,m,21.0s Pleasantville	79.72 345	P	P	URZ	comp=Z,2j,m,21.0s Urewera	81.10 229	PFAKE	SRU	comp=Z,2j,m,21.0s San Rafael Sew	82.74 332	eP	P			09 03 56.5 +0.6
N35A	comp=Z,2j,m,21.0s Tabor	79.73 343	P	P	URZ	comp=Z,2j,m,21.0s Urewera	81.10 229	PFAKE	SRU	comp=Z,2j,m,21.0s San Rafael Sew	82.74 332	eP	LR			09 03 56.5 +0.6
Y12C	comp=Z,2j,m,21.0s Blythe	79.81 326	P	P	K37A	comp=Z,2j,m,21.0s Belmond	81.11 345	P	SRU	comp=Z,2j,m,21.0s San Rafael Sew	82.74 332	eP	LR			09 03 56.5 +0.6
Y12C	comp=Z,2j,m,21.0s Blythe	79.81 326	eP	P	U15A	comp=Z,2j,m,21.0s North Rim	81.12 329	eP	SRU	comp=Z,2j,m,21.0s San Rafael Sew	82.74 332	eP	pmax			09 03 56.5 +0.6
Y12C	comp=Z,2j,m,21.0s Blythe	79.81 326	eP	P	N28A	comp=Z,2j,m,21.0s Pribbeno Ranch	81.13 339	P	SRU	comp=Z,2j,m,21.0s San Rafael Sew	82.74 332	eP	pmax			09 03 56.5 +0.6
O32A	comp=Z,2j,m,21.0s Brockman Farm,	79.82 341	P	P	SADO	comp=Z,2j,m,21.0s Sadowa	81.15 356	eP	SRU	comp=Z,2j,m,21.0s San Rafael Sew	82.74 332	eP	MLR			09 03 55.0 -0.8
BOSA	comp=Z,2j,m,21.0s Boshof	79.85 118	P	P	SADO	comp=Z,2j,m,21.0s Sadowa	81.15 356	eP	J31A	comp=Z,2j,m,21.0s Geddes	82.78 342	P	P			09 03 55.0 -1.2
BOSA	comp=Z,2j,m,21.0s Boshof	79.85 118	P	P	K36A	comp=Z,2j,m,21.0s Gillmore City	81.16 344	P	O20A	comp=Z,2j,m,21.0s White River Ci	82.80 334	P	P			09 03 55.0 -1.2
BOSA	comp=Z,2j,m,21.0s Boshof	79.85 118	P	P	LDFC	comp=Z,2j,m,21.0s Landfair	81.18 326	eP	O20A	comp=Z,2j,m,21.0s White River Ci	82.80 334	eP	P			09 03 56.4 +0.2
BOSA	comp=Z,2j,m,21.0s Boshof	79.85 118	eP	pmax	LDFC	comp=Z,2j,m,21.0s Landfair	81.18 326	eP	O20A	comp=Z,2j,m,21.0s White River Ci	82.80 334	eP	LR			09 03 56.4 +0.2
M37A	comp=Z,2j,m,21.0s Trindle Farm,	79.89 344	P	P	GMRC	comp=Z,2j,m,21.0s Granite Mounta	81.19 326	P	Q16A	comp=Z,2j,m,21.0s Castle Valley	82.82 331	eP	P			09 03 57.5 +1.1
BAR	comp=Z,2j,m,21.0s Barrett	79.90 324	eP	P	PLVO	comp=Z,2j,m,21.0s Plevna	81.32 357	eP	Q16A	comp=Z,2j,m,21.0s Castle Valley	82.82 331	eP	LR			09 03 57.5 +1.1
BAR	comp=Z,2j,m,21.0s Barrett	79.90 324	eP	P	PLVO	comp=Z,2j,m,21.0s Plevna	81.32 357	eP	MSU	comp=Z,2j,m,21.0s Marysvale	82.87 330	eP	P			09 03 58.0 +1.4
K50C	comp=Z,2j,m,21.0s Kaye Shedlock	79.91 337	P	P	BBRO	comp=Z,2j,m,21.0s Big Red Solar	81.33 325	P	MSU	comp=Z,2j,m,21.0s Marysvale	82.87 330	eP	P			09 03 58.0 +1.4
K50C	comp=Z,2j,m,21.0s Kaye Shedlock	79.91 337	eP	P	CIS	comp=Z,2j,m,21.0s Catalina Islan	81.33 323	P	H36A	comp=Z,2j,m,21.0s Jessenland, He	82.91 345	P	P			09 03 56.4 +0.1
N34A	comp=Z,2j,m,21.0s Lincoln	79.92 342	P	P	L33A	comp=Z,2j,m,21.0s Hoskins	81.36 342	P	ARVC	comp=Z,2j,m,21.0s Arvin	82.93 324	P	P			09 03 56.4 -0.3
HNH	comp=Z,2j,m,21.0s Hanover	79.93 1	PFAKE	LR	L32A	comp=Z,2j,m,21.0s Elgin	81.39 342	P	K28A	comp=Z,2j,m,21.0s Ten Mile Ranch	82.95 340	P	P			09 03 56.9 +0.2
P29A	comp=Z,2j,m,21.0s Atwood	79.95 339	P	P	K35A	comp=Z,2j,m,21.0s Storm Lake	81.41 344	P	J30A	comp=Z,2j,m,21.0s Dallas	83.01 341	P	P			09 03 56.4 -0.5
WUAZ	comp=Z,2j,m,21.0s Wupatki	79.96 329	P	P	M30A	comp=Z,2j,m,21.0s Dale-Ortelo V	81.44 340	P	I33A	comp=Z,2j,m,21.0s Coleman	83.03 343	P	P			09 03 56.5 -0.5
WUAZ	comp=Z,2j,m,21.0s Wupatki	79.96 329	eP	P	SMCO	comp=Z,2j,m,21.0s Snowmass	81.50 334	eP	MPMC	comp=Z,2j,m,21.0s Manitou Prospec	83.07 325	P	P			09 03 56.8 -0.9
WUAZ	comp=Z,2j,m,21.0s Wupatki	79.96 329	eP	P	OGNE	comp=Z,2j,m,21.0s Ogallala	81.51 338	P	P18A	comp=Z,2j,m,21.0s Preston Nutter	83.08 332	eP	P			09 03 58.8 +1.0
MONP2	comp=Z,2j,m,21.0s Monument Peak	79.96 324	P	P	HEC	comp=Z,2j,m,21.0s Hector, Ludlow	81.53 325	P	P17A	comp=Z,2j,m,21.0s Butcher Ranch,	83.14 332	eP	P			09 03 59.8 +1.9
O31A	comp=Z,2j,m,21.0s Woolen Ranch,	80.00 340	P	P	K34A	comp=Z,2j,m,21.0s Le Mars	81.57 343	P	P17A	comp=Z,2j,m,21.0s Butcher Ranch,	83.14 332	eP	LR			09 03 59.8 +1.9
N33A	comp=Z,2j,m,21.0s J Bar K, Exete	80.06 342	P	P	M29A	comp=Z,2j,m,21.0s Burnside Ranch	81.58 340	P	TMUT	comp=Z,2j,m,21.0s Trail Mountain	83.16 331	eP	P			09 03 59.0 +0.7
BFZ	comp=Z,2j,m,21.0s Birch Farm	80.06 226	PFAKE	LR	ISCO	comp=Z,2j,m,21.0s Idaho Springs	81.59 335	P	TMUT	comp=Z,2j,m,21.0s Trail Mountain	83.16 331	eP	LR			09 03 59.0 +0.7
MQZ	comp=Z,2j,m,21.0s McQueen's Vall	80.10 222	PFAKE	LR	ISCO	comp=Z,2j,m,21.0s Idaho Springs	81.59 335	eP	ISA	comp=Z,2j,m,21.0s Isabella, Lake	83.20 325	P	P			09 03 56.9 -1.3
PDMCI	comp=Z,2j,m,21.0s Parker Dam, Lak	80.10 327	P	P	J37A	comp=Z,2j,m,21.0s Redenius Farm,	81.61 345	P	ISA	comp=Z,2j,m,21.0s Isabella, Lake	83.20 325	PFAKE	LR			09 04 10.0 +1.2
M36A	comp=Z,2j,m,21.0s Felix, Anita	80.11 344	P	P	BFSC	comp=Z,2j,m,21.0s Mount Baldy Ra	81.65 324	P	H35A	comp=Z,2j,m,21.0s Sunnyside Ranc	83.21 345	P	P			09 03 57.2 -0.7
BC3	comp=Z,2j,m,21.0s Big Clockwall	80.15 325	P	P	GLMI	comp=Z,2j,m,21.0s Graying	81.67 352	PFAKE	PKM	comp=Z,2j,m,21.0s Mpherson Peak	83.21 323	P	P			09 03 57.1 -1.3
P28A	comp=Z,2j,m,21.0s Saint Francis	80.16 338	P	P	GLMI	comp=Z,2j,m,21.0s Graying	81.67 352	PFAKE	TPNV	comp=Z,2j,m,21.0s Topopah Spring	83.25 327	P	P			09 03 57.9 -0.6
S22A	comp=Z,2j,m,21.0s 4UR Ranch, Cre	80.17 334	P	P	K33A	comp=Z,2j,m,21.0s Hardington	81.71 343	P	TPNV	comp=Z,2j,m,21.0s Topopah Spring	83.25 327	eP	P			09 03 59.8 +1.2
S22A	comp=Z,2j,m,21.0s 4UR Ranch, Cre	80.17 334	eP	P	M28A	comp=Z,2j,m,21.0s Bar X Bar Ranc	81.73 339	P	TPNV	comp=Z,2j,m,21.0s Topopah Spring	83.25 327	eP	LR			09 03 59.8 +1.2
S22A	comp=Z,2j,m,21.0s 4UR Ranch, Cre	80.17 334	eP	P	FOZ	comp=Z,2j,m,21.0s Fox Glacier	81.74 221	PFAKE	TPNV	comp=Z,2j,m,21.0s Topopah Spring	83.25 327	eP	pmax			09 03 59.8 +1.2
MDV	comp=Z,2j,m,21.0s Middlebury															

LMQ	La Malbaie	83.81	2	eP	P	09 04 01.1 +0.2
H31A	Woisey	83.83	342	P	P	09 04 00.6 -0.5
I29A	Vivian Onida	83.87	341	P	P	09 04 02.0 +0.7
G34A	Benson	83.90	344	P	P	09 04 01.5 +0.1
SUSD	Miller	83.92	342	P	P	09 04 01.4 -0.2
MPU	Maple Canyon	83.95	331	eP	P	09 04 02.7 +0.6
MPU					LR	LR
J26A	Sides Ranch, S	83.99	339	P	P	09 04 02.1 0.0
G33A	Ortonville	84.03	344	P	P	09 04 02.2 +0.1
F36A	Milaca	84.06	346	P	P	09 04 01.4 -0.8
NLU	North Lily Min	84.07	331	eP	P	09 04 03.9 +1.2
NLU					LR	LR
I28A	Midland	84.08	340	P	P	09 04 02.2 -0.3
RCTC	Rector, Farmer	84.09	324	P	P	09 04 03.6 +1.0
R11A	Troy Canyon, C	84.13	328	P	P	09 04 04.1 +1.0
R11A	Troy Canyon, C	84.13	328	eP	P	09 04 04.2 +1.2
R11A					LR	LR
TIN	Tinemaha, Big	84.23	325	P	P	09 04 05.4 +1.9
F35A	Swanville	84.26	345	P	P	09 04 02.9 -0.4
J25A	Sunshine Ranch	84.27	338	P	P	09 04 03.7 +0.1
G32A	Webster	84.33	343	P	P	09 04 03.6 0.0
F34A	Alexandria	84.35	345	P	P	09 04 03.5 -0.3
JLU	Jordanelle	84.39	332	eP	P	09 04 05.1 +0.7
JLU					LR	LR
I27A	Quinn	84.39	340	P	P	09 04 04.0 0.0
VLDQ	Vai d'Or	84.41	357	eP	P	09 04 05.0 +1.1
H29A	Onida	84.41	341	P	P	09 04 03.8 -0.3
K22A	Casper	84.45	336	P	P	09 04 04.9 +0.3
K22A	Casper	84.45	336	eP	P	09 04 05.3 +0.7
K22A					LR	LR
DUG	Dugway, Toeole	84.56	331	P	P	09 04 05.4 +0.2
DUG	Dugway, Toeole	84.56	331	eP	P	09 04 05.8 +0.7
DUG					LR	LR
DUG	Dugway, Toeole	84.56	331	eP	P	09 04 05.8 +0.7
DUG					LR	MLR
I26A	New Underwood	84.58	339	P	P	09 04 05.7 +0.6
G30A	Faultkon	84.61	342	P	P	09 04 04.8 -0.3
F33A	5 Mile Ranch,	84.61	344	P	P	09 04 03.8 -1.3
MTUM	Tungsten Hills	84.63	325	eP	P	09 04 11.0 +5.4
E36A	McGregor	84.64	346	P	P	09 04 04.7 -0.5
H28A	Mission Ridge	84.67	341	P	P	09 04 04.9 -0.5
I25A	Rochford	84.83	339	P	P	09 04 06.2 -0.2
G29A	Hoven	84.86	342	P	P	09 04 03.3 -3.1
E35A	Pequot Lakes	84.90	346	P	P	09 04 06.0 -0.5
H27A	Howes	84.92	340	P	P	09 04 06.3 -0.4
MLAC	Mammoth, Mammo	84.98	325	P	P	09 04 06.7 -0.7
RSSD	Black Hills	85.01	338	P	P	09 04 07.2 -0.2
RSSD	Black Hills	85.01	338	eP	P	09 04 07.5 +0.1
RSSD	Black Hills	85.01	338	eP	P	09 04 07.5 +0.1
RSSD					LR	MLR
G28A	Parade	85.01	341	P	P	09 04 06.5 -0.7
E34A	Wadena	85.01	345	P	P	09 04 05.9 -1.2
F31A	Hecla	85.08	343	P	P	09 04 07.2 -0.2
H26A	Fairport	85.10	339	P	P	09 04 09.4 +1.8
D37A	Cotton	85.10	347	P	P	09 04 07.2 -0.3
MCU	Monte Cristo P	85.15	332	eP	P	09 04 08.6 +0.3
E33A	Westby DABS, E	85.18	345	P	P	09 04 07.4 -0.5
D36A	Goodland	85.25	347	P	P	09 04 06.8 -1.4
BGU	Big Grassy Mou	85.27	331	eP	P	09 04 09.8 +1.0
BGU					LR	LR
NV11	Mina Array Sit	85.33	326	eP	P	09 04 10.1 +1.0
NV11					LR	LR
D35A	Remer	85.33	346	P	P	09 04 08.2 -0.4
H25A	Fruitdale	85.34	339	P	P	09 04 10.3 +1.4
C39A	Grand Marais	85.35	349	P	P	09 04 07.3 -1.4
NV01	Mina Array Sit	85.39	326	eP	P	09 04 10.0 +0.6
NVAR	Mina Array Bea	85.39	326	eP	P	09 04 10.4 +1.0
NVAR					LR	LR
NVAR					PKK	PKK
NVAR					PKK	PKK
C38A	Sawhill Land,	85.44	348	P	P	09 04 08.3 -0.9
SAO	San Andreas Ge	85.50	323	PFAKE	LR	09 04 20.0 +1.0
SAO					LR	LR
D34A	Park Rapids	85.56	345	P	P	09 04 08.5 -1.4
G27A	Dupree	85.57	340	P	P	09 04 08.6 -1.3
PD31	Pinedale Array	85.58	334	eP	P	09 04 10.9 +0.5
PDAR	Pinedale Array	85.58	334	eP	P	09 04 10.5 +0.2
PDAR					PKK	PKK
PDAR					PKK	PKK
BW06	Boulder Array	85.58	334	P	P	09 04 10.0 -0.3
BW06	Boulder	85.58	334	P	P	09 04 10.9 +0.6
BW06					LR	LR
C37A	Embarrass	85.61	347	P	P	09 04 09.0 -1.0
E31A	Nome	85.65	343	P	P	09 04 10.1 -0.1
G26A	Maurine	85.67	340	P	P	09 04 10.1 -0.3
F28A	McLaughlin	85.70	341	P	P	09 04 10.3 -0.2
EYMN	Ely	85.70	348	PFAKE	LR	09 04 20.0 +1.0
EYMN					LR	LR
D33A	AnnSam, Waubun	85.75	345	P	P	09 04 10.4 -0.4
C36A	Pine Crest Far	85.75	347	P	P	09 04 10.4 -0.3

G25A	Newell	85.81	339	P	P	09 04 11.2 +0.1
E30A	Jud	85.84	343	P	P	09 04 11.7 +0.5
HVU	Hansel Valley	85.91	332	eP	P	09 04 12.2 +0.3
HVU					LR	LR
HVU	Hansel Valley	85.91	332	eP	P	09 04 12.2 +0.3
HVU					LR	LR
HVU					MLR	MLR
C35A	Jirik Farms, M	85.91	346	P	P	09 04 11.2 -0.3
WAKR	Walker	85.96	326	eP	P	09 04 15.5 +3.3
ELK	Elko	86.00	329	eP	P	09 04 13.2 +0.7
ELK					LR	LR
ELK	Elko	86.00	329	eP	P	09 04 13.2 +0.7
ELK					LR	LR
ELK					MLR	MLR
F27A	LeMmon	86.05	340	P	P	09 04 11.9 -0.4
C34A	RKJ Ranch, Bem	86.05	346	P	P	09 04 11.7 -0.5
E29A	Napoleon	86.08	342	P	P	09 04 12.2 -0.2
TOC5	Torodi Ar. Sit	86.11	71	PFAKE	LR	09 04 20.0 +6.7
TOC5					LR	LR
TOB4	Torodi Ar. Sit	86.12	71	PFAKE	LR	09 04 20.0 +6.7
TOB4					LR	LR
TOC4	Torodi Ar. Sit	86.12	71	PFAKE	LR	09 04 20.0 +6.6
TOC4					LR	LR
TOB5	Torodi Ar. Sit	86.13	71	PFAKE	LR	09 04 20.0 +6.6
TOB5					LR	LR
TOC7	Torodi Ar. Sit	86.13	71	PFAKE	LR	09 04 20.0 +6.6
TOC7					LR	LR
AHID	Auburn Hatcher	86.13	333	eP	P	09 04 12.8 -0.2
TOA0	Torodi Ar. Sit	86.14	71	eP	P	09 04 13.1 -0.3
TOA0					LR	LR
TORD	Torodi Ar. Bea	86.14	71	P	P	09 04 13.1 -0.3
TORD					LR	LR
TOA1	Torodi Ar. Sit	86.14	71	PFAKE	LR	09 04 20.0 +6.6
TOA1					LR	LR
TOB3	Torodi Ar. Sit	86.14	71	PFAKE	LR	09 04 20.0 +6.6
TOB3					LR	LR
TOB1	Torodi Ar. Sit	86.14	71	PFAKE	LR	09 04 20.0 +6.5
TOB1					LR	LR
TOB2	Torodi Ar. Sit	86.15	71	PFAKE	LR	09 04 20.0 +6.5
TOB2					LR	LR
TOC3	Torodi Ar. Sit	86.15	71	PFAKE	LR	09 04 20.0 +6.5
TOC3					LR	LR
TOC1	Torodi Ar. Sit	86.16	71	PFAKE	LR	09 04 20.0 +6.5
TOC1					LR	LR
TOC2	Torodi Ar. Sit	86.16	71	PFAKE	LR	09 04 20.0 +6.5
TOC2					LR	LR
F26A	Lodgepole	86.20	340	P	P	09 04 12.0 -1.0
C33A	Trail	86.33	345	P	P	09 04 13.2 -0.4
E28A	Huff	86.35	342	P	P	09 04 13.0 -0.7
D30A	Buchanan	86.37	343	P	P	09 04 13.8 0.0
XMAS	Kiritimati	86.42	275	PFAKE	LR	09 04 30.0 +1.5
XMAS					LR	LR
E27A	Carson	86.44	341	P	P	09 04 14.2 0.0
F25A	Bowman	86.49	340	P	P	09 04 14.7 +0.2
B35A	Bob, Littlefor	86.50	347	P	P	09 04 13.7 -0.7
D29A	Pettibone, Tap	86.53	342	P	P	09 04 15.0 +0.4
REDW	Red Top Meadow	86.56	334	eP	P	09 04 15.4 +0.3
REDW					LR	LR
BMN	Battle Mountain	86.57	328	eP	P	09 04 16.6 +1.4
BMN					LR	LR
BMN	Battle Mountain	86.57	328	eP	P	09 04 16.6 +1.4
BMN					LR	MLR
BMN					MLR	MLR
SNOW	Snow King Moun	86.62	334	eP	P	09 04 16.8 +1.4
DRLN	Deer Lake	86.63	10	PFAKE	LR	09 04 30.0 +1.5
DRLN					LR	LR
LOHW	Long Hollow	86.69	334	eP	P	09 04 16.7 +0.9
LOHW					LR	LR
E26A	Carlson Angus	86.72	340	P	P	09 04 15.1 -0.4
B33A	Robert and Kas	86.78	345	P	P	09 04 15.5 -0.2
C31A	Landman Farms,	86.78	344	P	P	09 04 15.5 -0.2
B34A	Arey, Baudette	86.79	346	P	P	09 04 15.2 -0.6
AGMN	Agassiz Nation	86.86	345	P	P	09 04 15.4 -0.7
AGMN					LR	LR
AGMN					LR	LR
MOOW	Moose Ponds	86.86	334	eP	P	09 04 16.6 0.0
MOOW					LR	LR
C30A	Mose, Pekin	86.86	343	P	P	09 04 16.1 -0.1
E25A	Miller Ranch,	87.00	340	P	P	09 04 16.4 -0.6
AFDM	Forest Hills D	87.03	325	eP	P	09 04 20.2 +3.0
AFDM					LR	LR
D27A	Center	87.06	341	P	P	09 04 15.9 -1.3
IMW	Indian Meadow	87.06	334	eP	P	09 04 19.2 +1.6
IMW					LR	LR
B32A	Ashes, Strandg	87.09	345	P	P	09 04 16.3 -1.0
FLWY	Flagg Ranch	87.14	334	eP	P	09 04 19.8 +1.9

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like IKLH, IZEF, GHVR, IRAZ, etc.

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like NASN, IRSV, DAMV, AKTO, MKAR, etc.

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like FINES, ZALV, HFS, NOA, ARCES, etc.

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like TORD, SPITS, KRSR, YKA, etc.

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like FITZ, WRA, ASAR, MKAR, etc.

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like DZM, RAR, WRA, ASAR, NVAR, ILAR, etc.

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like ISCB, FUNV, RSNC, ISNC, etc.

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like SDV, ELOV, VIRA, QARV, etc.

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like SANR, SANV, CURV, DABV, etc.

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like PDAR, SCHO, NVAR, YKA, etc.

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like TORD, ILAR, NOA, ARCES, etc.

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like MKAR, ASAR, WRA, etc.

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like KRN, SMC, NNC, etc.

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

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

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

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

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like BOOM, TKM2, TKM2, etc.

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like BORO, KST, DGS, etc.

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

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

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual. Includes stations like KOTS, KTBS, CHKK, etc.

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

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

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

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

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

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

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like Valdivia, Santiago, Peidehue, Paso Flores, Las Campanas, etc.

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

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like TIGA, Tifton, Beville, Port Lavaca, etc.

WHTX	baz=160,SNR=13 comp=Z,126nm,1.0s	71.96 339	eP	P	10 46 28.6	-0.1
WHTX	comp=Z,2um,21.0s		LR	LR		
137A	Heron Place, G baz=161,SNR=7.8	72.05 340	P	P	10 46 29.5	+0.3
Z40A	Long Farm, Mag baz=163	72.07 342	P	P	10 46 29.6	+0.2
136A	Ennis baz=160,SNR=8.5	72.15 340	P	P	10 46 29.5	-0.3
234A	Clairette baz=159,SNR=26	72.17 338	P	P	10 46 29.5	-0.5
239A	Irene McRaven, baz=162	72.25 342	P	P	10 46 30.2	-0.2
OXF	Oxford comp=Z,164nm,1.0s	72.41 346	eP	P	10 46 30.5	-0.8
OXF	Oxford	72.41 346	eP	P	10 46 30.5	-0.8
OXF			pmax	pmax		
233A	comp=Z,164nm,1.0s Rising Star	72.42 337	P	P	10 46 30.8	-0.7
238A	Mt. Pleasant baz=159,SNR=20	72.46 341	P	P	10 46 31.5	-0.2
135A	Vickery Place, baz=160,SNR=8.0	72.48 339	P	P	10 46 31.7	-0.1
232A	Coleman baz=159,SNR=20	72.53 337	P	P	10 46 31.7	-0.5
TKL	Tuckaleechee C comp=Z,73nm,1.0s	72.64 351	eP	LR	10 46 31.3	-1.4
TKL	Tuckaleechee C	72.64 351	eP	P	10 46 31.3	-1.4
TKL			pmax	pmax		
TKL	comp=Z,73nm,1.0s		MLR	MLR		
134A	White-Moore Ra baz=159,SNR=8.1	72.69 338	P	P	10 46 32.7	-0.3
Y40A	Okolona baz=163,SNR=8.1	72.76 343	P	P	10 46 32.9	-0.5
Z36A	Blue Ridge baz=161,SNR=30	72.87 340	P	P	10 46 34.0	-0.1
Y39A	Lockesburg baz=163,SNR=30	72.89 342	P	P	10 46 33.8	-0.4
133A	Hamilton Ranch baz=159,SNR=19	72.97 338	P	P	10 46 34.3	-0.5
Y38A	Idabel baz=162,SNR=30	73.04 342	P	P	10 46 35.3	+0.3
X40A	Basin Creek Fa baz=164,SNR=13	73.11 343	P	P	10 46 35.7	+0.3
Z35A	Perchaven, San baz=160,SNR=35	73.16 339	P	P	10 46 35.6	-0.2
ABTX	Ablene, Hawle baz=158,SNR=11	73.21 337	P	P	10 46 35.7	-0.5
ABTX	Ablene, Hawle comp=Z,111nm,1.1s	73.21 337	eP	P	10 46 35.3	-0.9
UALR	University of comp=Z,39nm,1.0s	73.28 344	eP	P	10 46 35.9	-0.9
Y37A	Hugo baz=161,SNR=25	73.32 341	P	P	10 46 36.8	0.0
MIAR	Mount Ida baz=163,SNR=19	73.34 343	P	P	10 46 37.0	+0.1
MIAR	Mount Ida comp=Z,26nm,0.9s	73.34 343	eP	P	10 46 36.4	-0.5
MIAR	Mount Ida	73.34 343	eP	P	10 46 36.4	-0.5
MIAR			pmax	pmax		
Z34A	Collier Ranch baz=160,SNR=12	73.39 339	P	P	10 46 37.1	0.0
Y36A	Durant baz=161,SNR=17	73.42 340	P	P	10 46 37.8	+0.5
SRIG	Santa Rosalia	73.44 324	PFAKE	LR	10 46 50.0	+1.2
SRIG			LR	LR		
X39A	Fountain Ranch baz=163,SNR=15	73.44 342	P	P	10 46 38.3	+0.9
TZTN	Tazewell comp=Z,186nm,1.5s	73.49 351	eP	P	10 46 37.0	-0.7
Z33A	Whitaker Ranch baz=159,SNR=23	73.56 338	P	P	10 46 38.5	+0.3
Y35A	Marletta baz=160,SNR=8.3	73.64 340	P	P	10 46 39.4	+0.8
X38A	Whitesboro baz=162,SNR=17	73.77 342	P	P	10 46 39.8	+0.5
X37A	Clayton baz=162,SNR=5.1	73.83 341	P	P	10 46 40.4	+0.7
WVCC	Virginia Weste BLA	73.84 355	eP	P	10 46 39.9	+0.2
BLA	Blacksburg comp=Z,30nm,0.8s	73.84 354	eP	P	10 46 39.5	-0.3
BLA	Blacksburg	73.84 354	eP	LR	10 46 39.5	-0.3
BLA			pmax	pmax		
BLA	comp=Z,31nm,0.8s		MLR	MLR		
W40A	Ferguson Farm, baz=164,SNR=12	73.84 343	P	P	10 46 40.5	+0.7
Y34A	Reagan Ranch, baz=160,SNR=14	73.89 339	P	P	10 46 40.3	+0.2
W39A	Magazine baz=163,SNR=39	74.02 343	P	P	10 46 41.2	+0.4
X36A	Centrahoma baz=161,SNR=28	74.07 340	P	P	10 46 40.6	-0.5
W38A	Poteau baz=162,SNR=22	74.07 342	P	P	10 46 41.3	+0.1
X35A	Drake baz=160,SNR=11	74.08 340	P	P	10 46 41.1	-0.1
UTMT	University of comp=Z,271nm,1.0s	74.09 347	eP	P	10 46 41.1	-0.1
JSRW	J. Sargeant Re Y33A	74.15 356	eP	P	10 46 42.1	+0.6
Y33A	Hilltop Ranch, baz=159,SNR=14	74.19 338	eP	P	10 46 41.7	-0.1
HSIG	HSIG	74.30 326	eP	LR	10 46 43.1	+0.5
HSIG			LR	LR		
MNTX	comp=Z,2um,20.0s Cornudas Mount	74.35 332	P	P	10 46 42.2	-0.7
MNTX	Cornudas Mount comp=Z,39nm,1.1s	74.35 332	eP	P	10 46 41.8	-1.1
MNTX			LR	LR		
W37B	Quinton baz=162,SNR=12	74.37 341	P	P	10 46 42.9	0.0
SUR	Sutherland comp=Z,62nm,0.9s	74.49 119	P	P	10 46 46.0	+1.8
SUR	Sutherland comp=Z,109nm,0.9s	74.49 119	eP	P	10 46 46.0	+1.8
SUR			LR	LR		
X34A	Smith Ranch, M baz=160,SNR=24	74.51 339	P	P	10 46 44.0	+0.3
W36A	Wetumka baz=161,SNR=6.8	74.58 341	P	P	10 46 44.1	0.0
Y39A	Pettigrew baz=163,SNR=25	74.60 343	P	P	10 46 44.5	+0.3
CBN	Corbin Frederi comp=Z,63nm,1.1s	74.63 357	eP	P	10 46 45.1	+0.9
CBN			LR	LR		
X33A	Lawton baz=159,SNR=9.7	74.65 339	P	P	10 46 44.1	-0.4
W35A	Tecumseh baz=160,SNR=8.2	74.76 340	P	P	10 46 44.8	-0.3
Y30A	Stafford Cattl baz=157	74.77 337	P	P	10 46 44.3	-1.0
X32A	Elmer baz=159,SNR=9.4	74.77 338	P	P	10 46 44.9	-0.4
Y38A	Canehill baz=162,SNR=17	74.80 342	P	P	10 46 44.7	-0.6
PBMO	Poplar Bluff comp=Z,66nm,1.0s	74.81 346	eP	P	10 46 44.6	-0.8
PBMO			LR	LR		
RAR	Rarotonga comp=Z,2um,22.0s	74.85 255	PFAKE	LR	10 47 00.0	+1.4
RAR			LR	LR		
U40A	Velville baz=164,SNR=32	74.91 344	P	P	10 46 45.7	-0.3
WMOK	Wichita Mounts comp=Z,40nm,1.0s	74.91 339	eP	P	10 46 45.3	-0.8
WMOK	Wichita Mounts	74.91 339	eP	P	10 46 45.3	-0.8
WMOK			pmax	pmax		
CPRX	Cap Rock comp=Z,28nm,1.1s	75.00 334	eP	P	10 46 46.6	-0.2
V37A	Hulbert	75.00 342	P	P	10 46 46.1	-0.4
U39A	Green Forest baz=162,SNR=12	75.08 343	P	P	10 46 46.1	-0.9
W34A	Bridge Creek, baz=160,SNR=5.5	75.09 340	P	P	10 46 46.2	-0.8
W34A	Bridge Creek, comp=Z,73nm,1.1s	75.09 340	eP	P	10 46 46.3	-0.7
V36A	Jenks baz=161,SNR=55	75.11 341	P	P	10 46 46.3	-0.9
X31A	McDonald Ranch baz=158,SNR=19	75.17 338	P	P	10 46 47.2	-0.4
TUL1	Leonard baz=161,SNR=33	75.19 341	P	P	10 46 47.0	-0.6
TUL1	Leonard comp=Z,135nm,1.0s	75.19 341	eP	P	10 46 47.0	-0.6
W33A	Caddo, Fort Co baz=159,SNR=39	75.21 339	P	P	10 46 47.4	-0.4
V35A	Meyer Ranch, baz=161,SNR=26	75.33 340	P	P	10 46 48.0	-0.4
U38A	Gravette baz=163,SNR=7.7	75.34 343	P	P	10 46 48.2	-0.3
W32A	Sentinel baz=159,SNR=44	75.41 338	P	P	10 46 48.7	-0.2
USIN	University of comp=Z,190nm,1.1s	75.47 348	eP	P	10 46 48.0	-1.1
MSTX	Muleshoe baz=166,SNR=17	75.47 335	P	P	10 46 49.2	-0.2
MSTX	Muleshoe comp=Z,84nm,1.3s	75.47 335	eP	P	10 46 49.1	-0.3
MSTX			LR	LR		
SIUC	Southern Illin comp=Z,106nm,1.0s	75.49 347	eP	P	10 46 48.7	-0.6
SIUC			LR	LR		
U37A	Salina comp=Z,2um,20.0s	75.49 342	P	P	10 46 48.6	-0.7
WCI	Wyandotte Cave comp=Z,24nm,0.8s	75.51 350	eP	P	10 46 48.0	-1.4
WCI	Wyandotte Cave	75.51 350	eP	P	10 46 48.0	-1.4
WCI			pmax	pmax		
V34A	Guthrie baz=160,SNR=16	75.58 340	P	P	10 46 49.2	-0.6
V34A	Guthrie comp=Z,97nm,1.0s	75.58 340	eP	P	10 46 49.3	-0.6
T40A	Mansfield baz=164,SNR=16	75.60 344	P	P	10 46 49.6	-0.3
319A	Douglas comp=Z,53nm,1.0s	75.61 329	eP	P	10 46 51.2	+0.9
319A			LR	LR		
U36A	Oologah baz=162,SNR=8.4	75.63 342	P	P	10 46 50.0	-0.2
T39A	Cleaver baz=163,SNR=18	75.67 344	P	P	10 46 49.4	-0.9
W31A	Holland Ranch, baz=158,SNR=10	75.68 338	P	P	10 46 49.8	-0.7
V33A	Lossa Ranch, baz=160,SNR=23	75.78 339	P	P	10 46 50.8	-0.2
SDMD	Soldier's Deli comp=Z,25nm,1.1s	75.81 357	eP	P	10 46 52.1	+1.0
SDMD			LR	LR		
W30A	Crocket Farms baz=158	75.87 337	P	P	10 46 51.0	-0.6
U35A	Pawnee baz=161,SNR=23	75.87 341	P	P	10 46 51.2	-0.3
T38A	Diamond baz=163,SNR=17	75.89 343	P	P	10 46 51.0	-0.6
V32A	Arapahoe baz=159,SNR=10	75.91 339	P	P	10 46 51.5	-0.3
AMTX	Amarillo baz=157	75.94 336	P	P	10 46 51.7	-0.4
AMTX	Amarillo comp=Z,112nm,1.0s	75.94 336	eP	P	10 46 52.1	0.0
AMTX			LR	LR		
121A	Cookes Peak, D baz=152	76.02 331	P	P	10 46 52.2	-0.5
121A	Cookes Peak, D comp=Z,42nm,1.1s	76.02 331	eP	P	10 46 53.2	+0.5
S40A	Lebanon baz=164,SNR=27	76.03 344	P	P	10 46 51.4	-1.0
T37A	Cheneyville 18 baz=162,SNR=11	76.12 342	P	P	10 46 52.2	-0.7
U34A	Anderson Ranch baz=160,SNR=7.8	76.15 340	P	P	10 46 52.8	-0.3
U34A	Anderson Ranch comp=Z,104nm,1.2s	76.15 340	eP	P	10 46 52.8	-0.3
V31A	Spring Creek L baz=159,SNR=8.4	76.19 338	P	P	10 46 53.2	-0.3
MCWV	Mont Chateau comp=Z,44nm,1.2s	76.22 355	eP	P	10 46 53.8	+0.3
MCWV			LR	LR		
OLIL	Olney comp=Z,59nm,1.1s	76.29 348	eP	P	10 46 53.0	-0.8
S39A	Bolivar baz=164,SNR=21	76.29 344	P	P	10 46 53.5	-0.3
T36A	Boggs Farm, Ca baz=161,SNR=26	76.30 342	P	P	10 46 53.2	-0.8
U33A	Lingo Farm, Me baz=160,SNR=16	76.31 340	P	P	10 46 53.6	-0.4
T35A	Sooner Cattle baz=161,SNR=30	76.33 341	P	P	10 46 53.4	-0.7
S38A	Stockton baz=163,SNR=38	76.37 343	P	P	10 46 54.0	-0.3
MVL	Millersville comp=Z,2um,22.0s	76.38 358	PFAKE	LR	10 47 10.0	+1.6
MVL			LR	LR		
V30A	Spur Ranch, Mi baz=159,SNR=11	76.44 337	P	P	10 46 54.2	-0.6
BLO	Bloomington comp=Z,94nm,1.1s	76.47 350	eP	P	10 46 53.7	-1.2
BLO	Bloomington	76.47 350	eP	P	10 46 53.7	-1.2
BLO			pmax	pmax		
U32A	Winter Ranch, baz					

13d 10h

Table with columns for station name, coordinates, and various parameters. Includes stations like MA2 Magadan, GSI Gunungsitoli, AB31 Akbulak array, etc.

2011 FEB

Table with columns for station name, coordinates, and various parameters. Includes stations like NVS comp=N,6.0nm,1.1s, ULHL Ulahol, HABR Khabarovsk, etc.

650

Table with columns for station name, coordinates, and various parameters. Includes stations like BJI comp=Z,800nm,19.9s, BJI comp=Z,2um,22.9s, BJI comp=Z,2um,21.9s, etc.

IDC 13 10:41:37.3:1.7,36:75S:73:35W,h0km,mb4.0/5, mb1 4.2/6,mb1mx3.9/32,mbtpr4.1/6,ML4.3/1,Error ellipse: s-maj=59.6km s-min=20.0km az=67.0

ISCBJ 13 10:41:38.5:0.8,36:77S:0:07:73:71W:0:07,h27km, mb4.2/5,Error ellipse: s-maj=10.0km s-min=8.4km az=11.4

GUC 13 10:41:38.9:0.3,36:73S:73:65W,h18km,3km,ML4.3 NEIC 13 10:41:38.0,36:72S:73:64W,h18km,mb4.6/1, ML4.3(GUC),After GUC.

NEIC Fell [V] at Chillan; [V] at Concepcion, La Laja, Lebu, Los Angeles, Penco and San Rosendo; [I] at Arauco, Contulmo, Talcahuano and Tira.

ISC 13 10:41:40.7:0.9,36:73S:0:08:73:56W:0:08,h27km,n13, s1503:15,mb4.4/5,Near coast of central Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes stations like CCSP San Pedro de C, COCH Cobquecura, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes stations like PLCA comp=E,10um,0.5s, LCO Las Campanas, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes stations like TXAR comp=E,7.7nm,1.0s, DBIC Dimbokro, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes stations like BOSA Boshof, TORI Torodi Ar. Bea, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes stations like BVAR Borovoye Array, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes stations like WSI Waingapu, BANI Baing, Sumba, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes stations like BUTP Butuan, SCPH Surigao, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like San Pedro de C, COCH, CCHI, ROCI, PLCA, AUSA, RRTL, etc.

ISC/JB 13 11:09:02.0-0.8, 36.66S-0.08:73.5W:0.1, h10km, mb3.8/6, Error ellipse: s-maj=15.8km s-min=10.7km az=23.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like El Roble, Paso Flores, AUSA, RRTL, etc.

NEIC 13 11:12:01.8-0.2, 41.22S-173.46E, h82km, ML2.5/4, 1C-1D, Error ellipse: s-maj=1.4km s-min=1.3km az=90.0,

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

SJA 13 11:15:37.0-5.0, 36.60S:73.96W, h10km, ML3.9, MW3.9, Error ellipse: s-maj=67.3km s-min=20.7km az=66.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CAVIAHUE, EL ROBLE, PASO FLORES, etc.

comp=N,0.3nm,0.6s,baz=157,slow=8.2,SNR=5.5 TORO Torodi Ar. Bea 86.37 71 P P 11 28 23.3 -0.7

KRNET 13 11:26:34.5-0.1, 39.94N:75.95E, mb2.8, Error ellipse: s-maj=60.1km s-min=26.9km az=128.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NARN, NRN, OHH, OHL, ARLS, etc.

IDC 13 11:29:51.2-0.9, 31.24S:177.69W, h0km, mb4.3/6, Error ellipse: s-maj=27.5km s-min=22.6km az=139.0

NEIC 13 11:29:52.4-0.7, 31.28S:177.57W, h10km, mb4.6/3, Error ellipse: s-maj=20.5km s-min=11.3km az=115.0

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

ISC 13 11:29:52.6-0.8, 31.33S:077.177W:0.2, h10km, n43, Error ellipse: s-maj=2.0km s-min=1.0km az=90.0

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

BRTR Keskin Array B 153.26 297 PKPbc PKPbc 11 49 50.6 -0.4

GERS GERRSS Array B 160.49 337 PKPab PKPab 11 50 33.7 +0.2

TORD Torodi Ar. Bea 161.89 178 PKPab PKPab 11 50 41.3 +1.0

SOME 13 11:42:09.1, 41.53N:73.22E, h19km, Error ellipse: s-maj=17.9km s-min=6.2km az=146.0

KRNET 13 11:42:10.0-0.1, 41.64N:73.26E, h19km, mb3.1, Error ellipse: s-maj=17.9km s-min=6.2km az=146.0

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

ISC 13 11:42:09.8-1.3, 41.65N:074.73E:0.02, h1km, n11, Error ellipse: s-maj=0.8km s-min=0.4km az=144.0

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

ISC 13 11:42:09.8-1.3, 41.65N:074.73E:0.02, h1km, n43, Error ellipse: s-maj=0.8km s-min=0.4km az=144.0

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

Table with columns: CHKK, Chushkaly, 3.53, 50, eP, Pb, 11 43 13.7 +0.7, etc.

IDC 13 11:44:51.2-0.8, 37.03N-104.98W, h0km, mb3.6/4, mb1 3.8/9, mb1mx3.6/56, mbtmp3.6/9, ML3.4/5, Error ellipse: s-maj=24.2km s-min=9.6km az=80.0

NEIC 13 11:44:52.6-0.4, 37.01N-104.94W, h5km, ML3.6, Error ellipse: s-maj=5.9km s-min=5.8km az=78.0

NEIC Felt [I] at Trinidad. Also felt at Weston. Felt at Raton, New Mexico.

ISC 13 11:44:52.1-0.6, 37.08N-102.104.95W, 0.02, h10km, n82, e197/122, mb3.5/4, Colorado

Main table with columns: Code, Station Name, Delta, Az, Phase ID, Time Res, etc.

Table with columns: CBKS, Ogallala, 4.48, 30, eP, Pg, 11 46 14.1 -3.6, etc.

ISN 13 11:55:58.7-1.9, 28.68N-53.49E, h0km, 351km, ML3.8, BJI 13 11:56:12.0-2.9, 10N-52.50E, h5km, mb4.1/4

NEIC 13 11:56:13.8, 29.15N-52.64E, h10km, mb4.0/5, ML4.0(THR), MN3.8(TEH), After THR.

ISCJB 13 11:56:13.5-0.3, 29.13N-52.56E, 0.03, h12km, mb3.9/25, Error ellipse: s-maj=4.0km s-min=2.8km az=35.2

THR 13 11:56:13.8-0.5, 29.15N-52.64E, h10km, 8km, ML4.0, IDC 13 11:56:13.2-0.7, 29.13N-52.56E, h0km, mb3.9/22, mb1.4/28, mb1mx3.9/64, mbtmp4.0/28, ML3.9/5, Error ellipse: s-maj=17.5km s-min=13.1km az=10.0

CSEM 13 11:56:14.5-0.1, 29.14N-52.59E, h5km, mb4.2/4, Error ellipse: s-maj=5.2km s-min=3.7km az=37.0

TEH 13 11:56:15.4, 29.16N-52.63E, h5km, ML3.9, DSN 13 11:56:18.4-0.2, 29.01N-52.75E, h10km, mb3.7/7, ML5.0/1, Error ellipse: s-maj=6.0km s-min=4.4km az=15.0

ISC 13 11:56:15.1-0.4, 29.16N-52.62E, 0.03, h12km, n141, e128/142, mb4.0/25, 13C-9D, Southern Iran

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

Table with columns: IMEH, Mehruz, 2.81, 37, Pn, Pb, 11 57 03.1 -2.3, etc.

JTS	JuntasAbangare	47.86 345	P	P	13 53 11.0	-2.3
JTS	JuntasAbangare	47.86 345	P	LR	13 53 11.0	-2.3
JTS	comp=Z,2um,19.0s					
JTS	JuntasAbangare	47.86 345	P	pmax	13 53 15.0	+1.7
VNA2	Neumayer-Watz	48.10 156	P	S	13 53 15.2	+0.6
TRIS	Tristan da Cun	48.18 110	LR	PFAKE	14 00 06.9	-4.3
TRIS	comp=Z,3um,20.0s					
SNAA	Snaae	49.65 157	P	P	13 53 26.8	+0.4
SNAA	Snaae	49.65 157	P	P	13 53 26.3	-0.2
SNAA	Snaae	49.65 157	P	P	13 53 26.4	-0.1
SNAA	Fort de France	52.35 15	LR	PFAKE	13 54 00.0	+1.3
PDF	comp=Z,3um,20.0s					
RKT	Rikitea	54.19 266	eS	S	14 01 39.2	+2.8
RKT	comp=Z,3um,29.2s,baz=124					
RKT	Rikitea	54.19 266	eT	T	14 09 58.6	
RKT	comp=Z,4.8nm,0.2s					
NVL	N'azarevskaya	54.42 156	LR	P	13 54 02.3	+0.4
NVL	comp=Z,67nm,1.0s					
NVL	comp=Z,3um,20.0s					
CRPR	Cabo Rojo, PR	54.63 7	eP	P	13 54 02.6	-1.2
CELP	Cerrillos	54.75 8	eP	P	13 54 04.6	-0.2
LSP	Las Mesas	54.80 7	eP	P	13 54 04.2	-0.9
SJG	San Juan	54.84 9	eP	P	13 54 02.5	-2.8
SJG	comp=Z,39nm,0.9s					
SJG	San Juan	54.84 9	eP	P	13 54 02.6	-2.8
SJG	comp=Z,39nm,0.9s					
SJG	comp=Z,3um,19.0s					
LRS	Lares	54.94 8	eP	P	13 54 03.7	-2.5
AOPR	Arecibo Observ	55.00 8	eP	P	13 54 04.5	-2.1
TEIG	Tepich	58.21 344	LR	PFAKE	13 54 40.0	+1.1
TLIG	Tipa	58.85 332	eP	P	13 54 33.3	-0.7
ASCN	Ascension	60.61 77	LR	PFAKE	13 55 00.0	+1.4
ASCN	comp=Z,3um,20.0s					
VNDA	Vanda	61.34 192	P	P	13 54 49.3	-1.0
VNDA	comp=Z,1.4nm,1.2s,baz=140,slow=2.1,SNR=3.0					
VNDA	comp=Z,1um,19.4s,baz=126,slow=3.3					
SYO	Syowa Base	63.90 158	eP	P	13 55 05.6	-1.8
SYO	Syowa Base	63.90 158	eP	P	13 55 16.0	+8.6
ZALG	Zacatecas	65.12 330	eP	P	13 55 17.6	+1.3
TBI	Tubuai	65.62 258	eS	S	14 04 03.7	+0.3
TBI	comp=Z,3um,28.0s					
TBI	Tubuai	65.62 258	eS	LR	14 15 12.5	
TBI	comp=Z,4um,26.5s,baz=124					
TBI	Tubuai	65.62 258	eT	T	15 06 23.6	
035A	Encino	67.31 336	P	P	13 55 32.0	+2.1
KVXT	Kingsville	67.81 337	LR	PFAKE	13 55 50.0	+1.7
KVXT	comp=Z,820nm,20.0s					
934A	Benavides	68.06 336	P	P	13 55 36.6	+1.9
933A	Laredo	68.33 335	P	P	13 55 37.9	+1.6
TIGA	Tifton	68.33 351	eP	P	13 55 34.8	-1.5
835A	Beeville	68.48 337	P	P	13 55 39.2	+1.9
737A	Port Lavaca	68.50 338	P	P	13 55 39.2	+1.8
834A	Tilden	68.56 336	P	P	13 55 39.8	+2.0
PAE	Paea	68.71 263	eT	T	15 10 15.4	
PP2T	Papeete	68.75 263	eS	S	14 04 42.0	+0.6
PP2T	Papeete2	68.75 263	eLR	LR	14 16 35.6	
PP2T	comp=Z,3um,24.5s,baz=123					
PP2T	Papeete2	68.75 263	eT	T	15 10 05.2	
PP2T	Papeete	68.75 263	LR	LR	14 18 07.5	
PP2T	comp=Z,3um,18.2s,baz=112,slow=2.9					
736A	Circle Diamond	68.87 338	P	P	13 55 41.6	+2.0
735A	Kenedy	69.00 337	P	P	13 55 42.4	+1.9
833A	Chaparral WMA	69.02 336	P	P	13 55 42.3	+1.6
637A	Eagle Lake	69.10 339	P	P	13 55 42.9	+1.8
832A	Faith Ranch, C	69.18 335	P	P	13 55 43.4	+1.3
734A	La Parita Cree	69.23 337	P	P	13 55 43.4	+1.5
539A	Cross D Ranch,	69.28 340	P	P	13 55 44.3	+2.1
733A	Divot King Ran	69.35 336	P	P	13 55 44.1	+1.5
636A	Smothers Creek	69.36 338	P	P	13 55 44.6	+1.9
635A	Leesville	69.49 337	P	P	13 55 45.1	+1.7
538A	Harpers Horsep	69.60 340	P	P	13 55 46.0	+1.9
NHSC	New Hope	69.62 354	eP	P	13 55 43.5	-0.7
NHSC	comp=Z,115nm,1.3s					
440A	Kirbyville	69.68 341	P	P	13 55 46.5	+1.8
537A	Green Hill Far	69.70 339	P	P	13 55 46.6	+1.8
536A	Bastrop	69.92 338	P	P	13 55 47.6	+1.5
439A	Center Grove,	69.94 341	P	P	13 55 48.0	+1.7
633A	Saathoff Ranch	70.00 336	P	P	13 55 48.1	+1.4
535A	Dale	70.02 338	P	P	13 55 48.3	+1.5
438A	Sam Houston St	70.09 340	P	P	13 55 49.0	+1.9
GOGA	Godfrey	70.26 351	eP	P	13 55 47.7	-0.4
GOGA	comp=Z,1um,19.0s					
GOGA	Godfrey	70.26 351	eP	P	13 55 47.7	-0.4
GOGA	comp=Z,23nm,1.0s					
GOGA	comp=Z,1um,19.0s					
VBMS	Vicksburg	70.28 345	P	P	13 55 50.0	+1.7
534A	Blanco	70.30 337	P	P	13 55 50.1	+1.6
340A	Bronson	70.30 342	P	P	13 55 50.1	+1.6
339A	Huntington	70.40 341	P	P	13 55 50.8	+1.7
LRAL	Lakeview Retre	70.41 348	eP	P	13 55 48.8	-0.3
436A	Wall Ranch, Ga	70.49 339	P	P	13 55 51.3	+1.7
533A	Kerrville	70.52 337	P	P	13 55 51.3	+1.5
338A	Crockett	70.62 340	P	P	13 55 52.4	+2.0
241A	Mo Tay, Goldon	70.64 343	P	P	13 55 52.3	+1.8
435B	Jarell	70.73 338	P	P	13 55 52.5	+1.4
337A	Centerville	70.74 340	P	P	13 55 52.9	+1.8
NATX	Nacogdoches	70.83 341	P	P	13 55 53.2	+1.5

NATX	Nacogdoches	70.83 341	eP	P	13 55 52.3	+0.6
240A	Hunter Patters	70.86 342	P	P	13 55 53.2	+1.4
434A	Burnet	70.97 338	P	P	13 55 53.4	+0.8
239A	Gary	71.03 341	P	P	13 55 54.0	+1.2
MAW	Mawson	71.03 164	P	P	13 55 52.8	+0.3
MAW	comp=Z,29nm,1.1s,baz=208,slow=8.0,SNR=8.8					
MAW	Mawson	71.03 164	eP	P	14 28 50.2	
MAW	comp=Z,2um,18.1s,baz=229,slow=38					
MAW	Mawson	71.03 164	eP	P	13 55 52.3	-0.2
MAW	comp=Z,38nm,1.8s					
336A	Riesee	71.08 339	P	P	13 55 52.3	-0.2
JCT	Junction City	71.14 336	P	P	13 55 54.1	+0.9
JCT	Junction City	71.14 336	P	P	13 55 54.3	+0.6
JCT	comp=Z,69nm,1.3s					
JCT	Junction City	71.14 336	eP	LR	13 55 53.1	-0.6
JCT	comp=Z,377nm,21.0s					
JCT	Junction City	71.14 336	eP	P	13 55 53.1	-0.6
JCT	comp=Z,69nm,1.3s					
JCT	Junction City	71.14 336	eP	P	13 55 53.1	-0.6
335A	Moody	71.15 338	P	P	13 55 54.5	+0.9
433A	Art	71.17 337	P	P	13 55 54.5	+0.7
238A	Jacksonville	71.18 341	P	P	13 55 54.8	+1.0
140A	Cam and Jess,	71.39 342	P	P	13 55 55.9	+0.9
334A	Lometa	71.44 338	P	P	13 55 56.2	+0.7
TX31	Lajitas Ar. Si	71.45 332	eP	P	13 55 56.1	+0.4
TXAR	Lajitas Arroyo	71.45 332	P	P	13 55 56.4	+0.7
TXAR	comp=Z,5.5nm,0.8s,baz=152,slow=8.7,SNR=65					
236A	Katherine and	71.57 339	P	P	14 22 48.9	
CNCC	Cliffs of the	71.58 356	eP	P	13 55 56.8	+0.7
CNCC	comp=Z,27nm,0.7s					
CNCC	comp=Z,759nm,20.0s					
333A	Richland Sprin	71.67 337	P	P	13 55 57.0	+0.9
KMCS	Kings Mountain	71.74 353	P	P	13 55 57.5	+0.4
KMCS	Kings Mountain	71.74 353	eP	P	13 55 56.5	-0.5
WHTX	Lake Whitney,	71.82 339	eP	P	13 55 58.0	+0.7
WHTX	Lake Whitney,	71.82 339	eP	P	13 55 56.7	-1.6
137A	Heron Place, G	71.92 340	P	P	13 55 59.9	+1.7
Z40A	Long Farm, Mag	71.94 343	P	P	13 55 59.6	+1.2
136A	Ennis	72.01 340	P	P	13 55 60.0	+1.2
234A	Clairette	72.04 338	P	P	13 56 00.1	+1.1
Z39A	Irene McRaven,	72.11 342	P	P	13 56 00.7	+1.3
OXF	Oxford	72.28 346	eP	P	13 56 00.7	+1.3
OXF	Oxford	72.28 346	eP	P	13 56 00.7	+1.3
OXF	comp=Z,86nm,1.3s					
233A	Rising Star	72.28 337	P	P	13 56 01.2	+0.7
Z38A	Mt. Pleasant	72.33 341	P	P	13 56 01.7	+1.1
135A	Vickery Place,	72.34 339	P	P	13 56 01.8	+1.0
232A	Coleman	72.40 337	P	P	13 56 01.9	+0.8
Z37A	Pogue Cattle C	72.45 341	P	P	13 56 02.2	+0.9
TKL	Tuckaleechee C	72.52 351	eP	P	13 56 00.9	-0.8
TKL	Tuckaleechee C	72.52 351	eP	P	13 56 00.9	-0.8
TKL	comp=Z,31nm,1.0s					
134A	White-Moore Ra	72.55 338	P	P	13 56 02.7	+0.6
Y40A	Okolona	72.63 343	P	P	13 56 03.2	+0.7
Z36A	Blue Ridge	72.73 340	P	P	13 56 04.1	+1.1
Y39A	Lockesburg	72.76 342	P	P	13 56 04.0	+0.8
133A	Hamilton Ranch	72.84 338	P	P	13 56 04.5	+0.8
Y38A	Idabel	72.91 342	P	P	13 56 04.9	+0.8
X40A	Basin Creek Fa	72.98 343	P	P	13 56 05.3	+0.7
Z35A	Perchaven, San	73.02 339	P	P	13 56 05.4	+0.6
ABTX	Abilene, Hawle	73.08 337	P	P	13 56 05.9	+0.7
ABTX	Abilene, Hawle	73.08 337	eP	P	13 56 05.3	+0.1
UALR	University of	73.14 344	eP	P	13 56 06.0	-0.8
Y37A	Hue	73.18 341	P	P	13 56 06.4	+0.7
MIAR	Mount Ida	73.21 343	P	P	13 56 06.8	+0.9
MIAR	Mount Ida	73.21 343	eP	P	13 56 04.8	-1.1
MIAR	comp=Z,20nm,1.1s					
MIAR	comp=Z,740nm,19.0s					
MIAR	Mount Ida	73.21 343	eP	P	13 56 04.8	-1.1
MIAR	comp=Z,19nm,1.1s					
MIAR						

13d 13h

LIC	Lamto	76.69	72	eP	P	13 56 26.9 +0.4
R39A	Chumby, Stover	76.69	344	P	P	13 56 26.2 +0.3
S36A	Lake Cedar, C	76.72	342	P	P	13 56 26.3 +0.2
R38A	Fenwick Farm,	76.77	344	P	P	13 56 26.5 +0.2
T33A	Patterson Ranch	76.81	340	P	P	13 56 27.5 +0.8
S35A	Otter Creek Ra	76.87	342	P	P	13 56 27.6 +0.7
BNM	Barren Site	76.87	332	eP	P	13 56 27.7 +0.3
Y22D	IRIS PASSCAL I	76.91	332	P	P	13 56 28.3 +0.8
TUC	Tucson	76.92	328	P	P	13 56 28.5 +1.0
TUC	Tucson	76.92	328	eP	P	13 56 27.4 -0.1
TUC	comp=Z,30nm,1.5s			LR	LR	
TUC	comp=Z,699nm,20.0s	76.92	328	eP	P	13 56 27.4 -0.1
TUC	comp=Z,30nm,1.5s			pmax	pmax	
TUC				MLR	MLR	
TUC	comp=Z,699nm,20.0s			MLR	MLR	
ACSO	Alum Creek Sta	76.94	353	eP	P	13 56 26.8 -0.5
ACSO	comp=Z,45nm,0.9s			LR	LR	
SSPA	Standing Stone	76.95	357	eP	P	13 56 26.7 -0.6
TIC	Toumou	76.96	72	eP	P	13 56 28.3 +0.2
KIC	Kosan Boka	77.00	72	eP	P	13 56 28.7 +0.5
U30A	WK&E Inc. Balk	77.00	338	P	P	13 56 28.5 +0.7
LPM	Los Pinos Moun	77.02	332	eP	P	13 56 29.4 +1.3
S34A	Willow Spring	77.09	341	P	P	13 56 28.8 +0.6
T32A	Huddler Ranch,	77.10	339	P	P	13 56 29.3 +1.0
R37A	Teagarden Farm	77.10	343	P	P	13 56 28.6 +0.4
DBIC	Dimbokro	77.11	72	P	P	13 56 29.4 +0.6
DBIC	comp=Z,41nm,0.7s,baz=198,slow=6.0,SNR=52			LR	LR	14 27 49.9
DBIC	Dimbokro	77.16	72	eP	P	13 56 29.1 +0.2
DBIC	Dimbokro	77.11	72	eP	P	13 56 29.1 +0.2
DBIC				pmax	pmax	
Q40A	Laux Farm, Aux	77.14	345	P	P	13 56 28.6 +0.2
N59A	State Game Lan	77.16	358	P	P	13 56 28.9 +0.4
S33A	Kaszaul Farm,	77.23	340	P	P	13 56 30.2 +1.2
T31A	Randall Ranch,	77.24	339	P	P	13 56 30.0 +0.9
R36A	Gordon, Harris	77.27	342	P	P	13 56 29.8 +0.6
LAZ	Ladron	77.29	332	eP	P	13 56 30.5 +0.8
Q39A	Willow Grove F	77.38	345	P	P	13 56 29.9 +0.1
N54A	Moraine State	77.41	355	P	P	13 56 30.3 +0.4
CASY	Casey	77.41	182	eP	P	13 56 29.9 +0.1
CASY	comp=Z,8.1nm,1.1s			LR	LR	
Q38A	Cooks Store, C	77.44	344	P	P	13 56 30.3 +0.2
R35A	Emporia Munic	77.44	342	P	P	13 56 31.0 +0.8
T30A	Plains	77.45	338	P	P	13 56 31.4 +1.1
214A	Organ Pipe Nat	77.50	326	P	P	13 56 32.5 +1.8
214A	Organ Pipe Nat	77.50	326	eP	P	13 56 32.0 +1.4
ANMO	Albuquerque	77.52	333	P	P	13 56 32.0 +1.1
ANMO	Albuquerque	77.52	333	eP	P	13 56 31.5 +0.6
ANMO	comp=Z,1um,20.0s			LR	LR	
ANMO	Albuquerque	77.52	333	eP	P	13 56 32.0 +1.1
ANMO				pmax	pmax	
Q37A	Longview Farm,	77.55	343	P	P	13 56 30.9 +0.2
S32A	Newby Ranch,	77.59	340	P	P	13 56 31.9 +1.0
SFIN	Lafayette	77.61	349	eP	P	13 56 30.5 -0.5
P40A	Paris	77.66	345	P	P	13 56 31.5 +0.2
S31A	Mullinville	77.67	339	P	P	13 56 31.9 +0.5
R34A	Isabella, Hill	77.69	341	P	P	13 56 32.1 +0.6
P39A	Salisbury	77.76	345	P	P	13 56 32.3 +0.4
T29A	Hugoton	77.78	338	P	P	13 56 32.0 -0.2
Q36A	Arnold C. Orve	77.87	343	P	P	13 56 32.4 -0.1
R33A	Olander Ranch,	77.89	340	P	P	13 56 32.9 +0.2
Q35A	Mercer Eighty,	77.91	342	P	P	13 56 33.2 +0.4
S30A	Montezuma	77.97	338	P	P	13 56 33.7 +0.5
P38A	Dawn	78.06	344	P	P	13 56 33.6 +0.1
HDIL	Hopedale	78.13	348	P	P	13 56 34.1 +0.2
HDIL	Hopedale	78.13	348	eP	P	13 56 32.4 -1.5
HDIL				LR	LR	
S29A	Ulysses	78.15	338	P	P	13 56 34.6 +0.4
Q40A	La Belle	78.19	346	P	P	13 56 34.3 +0.1
Q34A	Chapman	78.20	341	P	P	13 56 34.8 +0.5
R32A	Long Quarter,	78.20	340	P	P	13 56 35.1 +0.7
P37A	Lathrop	78.20	344	P	P	13 56 34.2 -0.1
KSU1	Kansas State U	78.28	342	P	P	13 56 35.1 +0.3
R31A	Burdett	78.30	339	P	P	13 56 35.5 +0.6
S28A	Manter	78.36	337	P	P	13 56 35.7 +0.4
P36A	Good Intent, A	78.43	343	P	P	13 56 35.5 -0.1
BINY	Binghamton	78.44	358	PFAKE	LR	13 56 50.0 +1.4
BINY				LR	LR	
Q39A	Kirkville	78.45	345	P	P	13 56 36.1 +0.4
X18A	Snowlake	78.50	330	eP	P	13 56 38.2 +1.9
Q33A	Connelly Farm,	78.50	341	P	P	13 56 36.2 +0.2
R30A	Dighton	78.51	339	P	P	13 56 36.4 +0.3
Q38A	Galt	78.52	344	P	P	13 56 36.2 +0.1
P35A	Duane Minner,	78.54	342	P	P	13 56 36.6 +0.4
ERPA	Erie	78.56	355	eP	P	13 56 35.6 -0.6
113A	Mohawk Valley,	78.61	326	eP	P	13 56 43.2 -2.1
Q32A	Mettler Ranch,	78.69	340	P	P	13 56 37.7 +0.6
Q37A	Wolfen Farm, M	78.71	344	P	P	13 56 37.6 +0.5
P34A	Walnut Farm, R	78.76	342	P	P	13 56 38.1 +0.7
T25A	Trinidad	78.76	335	P	P	13 56 38.6 +0.8
T25A	Trinidad	78.76	335	eP	P	13 56 38.8 +1.0

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CBKS	Cedar Bluff	78.85	339	P	P	13 56 39.0 +1.0
CBKS	Cedar Bluff	78.85	339	eP	P	13 56 37.8 -0.2
CBKS	comp=Z,30nm,0.9s			LR	LR	
CBKS	Cedar Bluff	78.85	339	eP	P	13 56 37.8 -0.2
CBKS	comp=Z,533nm,19.0s			pmax	pmax	
CBKS	comp=Z,30nm,0.9s			MLR	MLR	
O36A	Bolkow	78.86	343	P	P	13 56 38.4 +0.4
P33A	Williams Farm,	78.88	341	P	P	13 56 38.7 +0.6
R29A	Marienthal	78.90	338	P	P	13 56 39.3 +1.0
W18A	Petrified Fore	78.92	330	P	P	13 56 39.4 +0.7
Q31A	Ellis	78.93	340	P	P	13 56 39.2 +0.8
X16A	Lo Mia Camp, P	79.01	329	eP	P	13 56 41.1 +2.0
R28A	Tribune	79.03	338	P	P	13 56 40.0 +1.0
N39A	Derby Farms, D	79.05	345	P	P	13 56 39.1 +0.2
A39A	Ann Arbor	79.06	352	eP	P	13 56 37.7 -1.3
AAM	comp=Z,1um,21.0s			LR	LR	
AAM	Ann Arbor	79.06	352	eP	P	13 56 37.7 -1.3
AAM	comp=Z,67nm,1.5s			pmax	pmax	
AAM				MLR	MLR	
N38A	Joess South For	79.11	345	P	P	13 56 39.4 +0.1
Q30A	Quinter	79.14	339	P	P	13 56 40.2 +0.6
O35A	Humboldt	79.21	343	P	P	13 56 39.9 +0.0
Y14A	Wickenburg	79.27	327	eP	P	13 56 42.4 +2.0
Q29A	Oakley	79.28	338	P	P	13 56 41.2 +0.8
P32A	Huiting Farm,	79.29	340	P	P	13 56 41.1 +0.7
N37A	Lee Faris, Mou	79.29	344	P	P	13 56 40.7 +0.4
O34A	Beatrice	79.33	342	P	P	13 56 41.4 +0.8
GLA	Glamis	79.33	326	P	P	13 56 42.0 +1.2
GLA	Glamis	79.33	326	eP	P	13 56 41.8 +1.1
GLA	Glamis	79.33	326	eP	P	13 56 41.8 +1.1
GLA	comp=Z,16nm,1.0s			pmax	pmax	
P31A	Stockton	79.41	340	P	P	13 56 41.9 +0.9
O33A	Hebron	79.45	341	P	P	13 56 42.0 +0.8
N36A	Muff Farm, Cla	79.52	344	P	P	13 56 42.2 +0.7
ACCN	Adirondack Com	79.59	360	eP	P	13 56 42.4 +0.5
TSUM	Tsumeb	79.62	106	eP	P	13 56 43.1 +0.2
TSUM	comp=Z,43nm,1.3s			LR	LR	
P30A	Selma	79.67	339	P	P	13 56 43.3 +0.8
SDCO	Great Sand Dun	79.68	335	P	P	13 56 43.5 +0.6
SDCO	Great Sand Dun	79.68	335	eP	P	13 56 43.3 +0.5
SDCO	comp=Z,34nm,1.6s			LR	LR	
SWSC	Sam W, Stewart	79.69	325	P	P	13 56 43.4 +0.8
Q28A	Sharon Springs	79.69	338	P	P	13 56 43.9 +1.2
M38A	Pleasantville	79.71	345	P	P	13 56 42.5 0.0
N35A	Tabor	79.72	343	P	P	13 56 43.0 +0.3
Y12C	Blythe	79.78	326	P	P	13 56 43.5 +0.4
Y12C	Blythe	79.78	326	eP	P	13 56 44.3 +1.2
O32A	Brockman Farm,	79.80	341	P	P	13 56 43.7 +0.6
BAR	Barrett	79.87	324	eP	P	13 56 44.6 +0.9
M37A	Trindle Farm,	79.88	344	P	P	13 56 44.1 +0.6
KSCO	Kaye Shedlock'	79.89	337	P	P	13 56 44.3 +0.5
KSCO	Kaye Shedlock'	79.89	337	eP	P	13 56 42.8 -1.0
BOSA	Boshof	79.89	118	P	P	13 56 44.3 0.0
BOSA	comp=Z,35nm,1.0s,baz=256,slow=5.1,SNR=22			LR	LR	14 30 32.6
BOSA	Boshof	79.89	118	eP	P	13 56 44.0 -0.3
BOSA	comp=Z,58nm,1.1s			pmax	pmax	
BOSA	comp=Z,58nm,1.1s			pmax	pmax	
N34A	Lincoln	79.90	342	P	P	13 56 44.0 +0.4
P29A	Atwood	79.92	339	P	P	13 56 45.1 +1.3
MONP	Monument Peak	79.93	324	P	P	13 56 44.5 +0.2
WUAZ	Wupatki	79.93	329	P	P	13 56 45.5 +1.4
WUAZ	Wupatki	79.93	329	eP	P	13 56 45.2 +1.1
WUAZ	comp=Z,28nm,1.2s			LR	LR	
O31A	Woolen Ranch,	79.98	340	P	P	13 56 44.8 +0.7
N33A	J Bar K, Exete	80.04	342	P	P	13 56 45.1 +0.7
PDMCI	Parker Dam,Lak	80.07	327	P	P	13 56 45.3 +0.6
M36A	Felix, Anita	80.09	344	P	P	13 56 45.0 +0.4
BC3	Big Chuckawall	80.12	325	P	P	13 56 46.8 +1.7
P28A	Saint Francis	80.14	338	P	P	13 56 46.5 +1.4
S22A	4UR Ranch, Cre	80.15	334	P	P	13 56 46.6 +1.2
S22A	4UR Ranch, Cre	80.15	334	eP	P	13 56 46.6 +1.2
SCIA	State Center	80.18	345	PFAKE	LR	13 57 00.0 +15
SCIA	comp=Z,735nm,22.0s			LR	LR	
NCB	Newcomb	80.18	359	PFAKE	LR	13 57 00.0 +15

I35A	baz=159,SNR=6.6	82.42	344	P	P	13 56 57.5	+0.6
OSI	Ostio Audit: C	82.43	324	P	P	13 56 57.1	-0.2
OCUT	Cedar City	82.50	329	eP	P	13 56 59.5	+1.7
J32A	Parkston	82.62	342	P	P	13 56 58.3	+0.3
LRMC	Laurel Mtn Rad	82.65	325	P	P	13 56 58.9	+0.4
N23A	Red Feather La	82.66	336	P	P	13 56 59.3	+0.7
ECSD	EROS Data Cent	82.67	343	P	P	13 56 58.4	+0.2
ECSD	EROS Data Cent	82.67	343	eP	P	13 56 58.1	-0.2
ECSD	comp=Z,697nm,19.0s			LR	LR		
K29A	Lazy Trails An	82.68	340	P	P	13 56 59.1	+0.7
H37A	Dierke Farm, C	82.69	346	P	P	13 56 59.2	+0.9
SRU	San Rafael Swe	82.71	332	eP	P	13 56 59.0	+0.2
SRU	San Rafael Swe	82.71	332	eP	pmax	13 56 59.0	+0.2
J11A	Geddes	82.77	342	P	P	13 56 59.2	+0.5
O20A	White River Ci	82.77	334	P	P	13 56 59.6	+0.5
O20A	White River Ci	82.77	334	eP	P	13 56 59.3	+0.2
I34A	Hadley	82.79	344	P	P	13 56 59.0	+0.7
Q16A	Castle Valley	82.79	331	eP	P	13 57 00.0	+0.7
MSU	Marysval	82.84	330	eP	P	13 57 00.7	+1.2
MSU	Marysval	82.84	330	eP	P	13 57 00.7	+1.2
H36A	Jessenland, He	82.89	345	P	P	13 57 00.1	+0.7
ARVC	Arvin	82.90	324	P	P	13 56 60.0	+0.3
K28A	Ten Mile Ranch	82.93	340	P	P	13 57 01.3	+1.6
J30A	Dallas	82.99	341	P	P	13 57 00.8	+0.8
I33A	Coleman	83.01	343	P	P	13 57 00.4	+0.4
MPMC	Manual Prospec	83.04	325	P	P	13 57 01.6	+1.0
P18A	Preston Nutter	83.06	332	eP	P	13 57 01.6	+0.8
FURC	Furnace Creek,	83.10	326	P	P	13 57 01.4	+0.8
P17A	Butcher Ranch,	83.11	332	eP	P	13 56 59.7	-1.2
TMUT	Trail Mountain	83.14	331	eP	P	13 57 01.6	+0.5
I32A	Karley and Nic	83.14	343	P	P	13 57 01.4	+0.7
ISA	Isabella, Lake	83.17	325	P	P	13 57 01.7	+0.5
ISA	Isabella, Lake	83.17	325	eP	P	13 57 01.5	+0.3
ISA	Isabella, Lake	83.17	325	eP	pmax	13 57 01.5	+0.3
ISA	Isabella, Lake	83.17	325	eP	pmax	13 57 01.5	+0.3
PKM	Mchpherson Peak	83.18	323	P	P	13 57 02.9	+1.6
H35A	Sunnyside Ranc	83.19	345	P	P	13 57 01.3	+0.4
SGU	Sterling	83.21	331	eP	P	13 57 03.3	+1.8
TPNV	Topopah Spring	83.22	327	P	P	13 57 02.6	+1.1
TPNV	Topopah Spring	83.22	327	eP	P	13 57 02.0	+0.5
TPNV	Topopah Spring	83.22	327	eP	pmax	13 57 02.0	+0.5
TPNV	Topopah Spring	83.22	327	eP	pmax	13 57 02.0	+0.5
DAC	Darwin (Calif)	83.27	325	eP	P	13 57 00.0	-1.8
DAC	Darwin (Calif)	83.27	325	eP	pmax	13 57 00.0	-1.8
DAC	Darwin (Calif)	83.27	325	eP	pmax	13 57 00.0	-1.8
J29A	Owreek	83.28	341	P	P	13 57 02.5	+1.0
SPMN	Marine on St.	83.29	346	P	P	13 57 01.8	+0.4
SPMN	Marine on St.	83.29	346	eP	P	13 57 00.1	-1.3
H34A	Spellman Lake,	83.36	344	P	P	13 57 02.1	+0.3
I31A	Royce, Wessing	83.41	342	P	P	13 57 02.6	+0.6
G36A	St. Michael	83.48	346	P	P	13 57 02.5	+0.1
COWI	Conover	83.51	349	eP	P	13 57 01.7	-0.8
COWI	comp=Z,519nm,19.0s			LR	LR		
I30A	Oacoma	83.52	341	P	P	13 57 02.8	+0.1
PSUT	Pine Spring	83.54	329	eP	P	13 57 03.8	+0.7
J28A	Allard Ranch,	83.55	340	P	P	13 57 03.3	+0.4
H32A	Carlson Farm,	83.59	343	P	P	13 57 03.6	+0.6
H33A	Prehn Over Nor	83.59	344	P	P	13 57 03.6	+0.5
VES	Vestai, Richgr	83.60	324	P	P	13 57 04.6	+1.4
J27A	Elkhorn Farm,	83.60	339	P	P	13 57 04.9	+1.7
SMMC	Simmler	83.61	323	P	P	13 57 05.1	+1.7
G35A	Watkins	83.62	345	P	P	13 57 03.6	+0.5
GRAC	Grapevine Rang	83.76	326	P	P	13 57 06.0	+1.9
LMQ	La Malbaie	83.81	2	eP	P	13 57 05.3	+1.3
H31A	Wolsey	83.81	342	P	P	13 57 04.7	+0.6
I29A	Vivian Onida	83.85	341	P	P	13 57 05.0	+0.6
G34A	Benson	83.88	344	P	P	13 57 04.5	0.0
SUSD	Miller	83.90	342	P	P	13 57 04.8	+0.2
MPU	Maple Canyon	83.92	331	eP	P	13 57 05.7	+0.6
J26A	Sides Ranch, S	83.97	339	P	P	13 57 05.9	+0.9
G33A	Ortonville	84.01	344	P	P	13 57 05.3	+0.2
NLU	North Lily Min	84.04	331	eP	P	13 57 06.5	+0.8
F36A	Milaca	84.04	346	P	P	13 57 05.3	+0.1
RCTC	Rector, Farmer	84.06	324	P	P	13 57 06.3	+0.8
I28A	Miland	84.06	340	P	P	13 57 06.4	+1.0
R11A	Troy Canyon, C	84.11	328	P	P	13 57 07.4	+1.3
R11A	Troy Canyon, C	84.11	328	eP	P	13 57 07.2	+1.2
TIN	Tinemaha, Big	84.20	326	P	P	13 57 08.7	+2.3
F35A	Swanville	84.25	345	P	P	13 57 06.8	+0.5
J25A	Sunshine Ranch	84.25	338	P	P	13 57 07.8	+1.3
G32A	Webster	84.31	343	P	P	13 57 06.8	+0.2
F34A	Alexandria	84.33	345	P	P	13 57 07.0	+0.3
JLU	Jordanelle	84.36	332	eP	P	13 57 07.9	+0.6
I27A	Quinn	84.37	340	P	P	13 57 07.6	+0.6
H29A	Onida	84.39	341	P	P	13 57 07.3	+0.3
VLDQ	Val d'Or	84.40	357	eP	P	13 57 07.6	+0.7
K22A	Casper	84.43	336	P	P	13 57 08.7	+1.2
K22A	Casper	84.43	336	eP	P	13 57 07.3	-0.2
G31A	Cody	84.45	343	P	P	13 57 07.4	0.0
E37A	Wrenshall	84.51	347	P	P	13 57 08.2	+0.7
DUG	Dugway, Tooele	84.53	331	P	P	13 57 09.3	+1.2
DUG	Dugway, Tooele	84.53	331	eP	P	13 57 09.0	+0.9
DUG	comp=Z,1um,20.0s			LR	LR		
DUG	Dugway, Tooele	84.53	331	eP	pmax	13 57 09.0	+0.9
DUG	comp=Z,33nm,1.1s			MLR	MLR		
DUG	comp=Z,1um,20.0s			MLR	MLR		
I26A	New Underwood	84.56	339	P	P	13 57 08.5	+0.5
G30A	Faulkton	84.59	344	P	P	13 57 08.4	+0.4
G30A	5 Mile Ranch,	84.59	344	P	P	13 57 08.0	-0.1
MTUM	Tungsten Hills	84.60	325	eP	P	13 57 07.8	-0.8
E36A	McGregor	84.62	346	P	P	13 57 08.2	+0.1
H28A	Michigan Ridge	84.65	341	P	P	13 57 08.6	+0.2
I25A	Rochford	84.61	339	P	P	13 57 09.7	+0.3
G29A	Hoven	84.84	342	P	P	13 57 09.9	+0.5
E35A	Pequot Lakes	84.88	346	P	P	13 57 10.1	+0.6
H27A	Hoves	84.90	340	P	P	13 57 09.9	+0.3
MLAC	Mammoth, Mammo	84.95	325	P	P	13 57 10.8	+0.5
RSSD	Black Hills	84.99	338	P	P	13 57 11.1	+0.7
RSSD	Black Hills	84.99	338	eP	P	13 57 09.9	-0.5
RSSD	Black Hills	84.99	338	eP	pmax	13 57 09.9	-0.5
RSSD	Black Hills	84.99	338	eP	pmax	13 57 09.9	-0.5
G28A	Parade	84.99	341	P	P	13 57 10.6	+0.4
F31A	Hecla	85.06	343	P	P	13 57 10.7	+0.3
H26A	Fairport	85.08	339	P	P	13 57 11.1	+0.5
D37A	Cotton	85.08	347	P	P	13 57 10.7	+0.2
E33A	Westby DABS, E	85.16	345	P	P	13 57 10.6	-0.3
D36A	Goodland	85.24	347	P	P	13 57 12.3	+1.1
BGU	Big Grassy Mou	85.25	331	eP	P	13 57 11.6	-0.1
D35A	Remer	85.31	346	P	P	13 57 11.8	+0.1
H25A	Fruiteale	85.32	339	P	P	13 57 12.5	+0.7
NV01	Mina Array Sit	85.36	326	eP	P	13 57 13.6	+1.2
NVAR	Minna Array Bea	85.36	326	P	P	13 57 12.6	+0.2
NVAR	comp=Z,2.4nm,0.7s,ba			PKK	PKK	14 15 18.6	+0.7
NVAR	comp=Z,0.6nm,0.7s,ba			PKK	PKK	14 15 18.6	+0.7
NVAR	comp=Z,643nm,18.7s,ba			LR	LR	14 29 18.6	
F29A	Eureka	85.42	342	P	P	13 57 11.8	-0.4
C38A	Sawbill Land.	85.43	348	P	P	13 57 11.4	-0.8
G27A	Dupree	85.55	340	P	P	13 57 13.1	+0.2
D34A	Park Rapids	85.55	345	P	P	13 57 12.6	-0.2
PD31	Pinedale Array	85.56	334	eP	P	13 57 13.8	+0.5
PDAR	Pinedale Array	85.56	334	P	P	13 57 13.2	0.0
PDAR	comp=Z,9.5nm,1.1s,ba			PKK	PKK	14 15 16.6	-1.2
PDAR	comp=Z,0.6nm,0.6s,ba			PKK	PKK	14 15 16.6	-1.2
BW06	Boulder Array	85.56	334	P	P	13 57 13.6	+0.3
BW06	Boulder Array	85.56	334	eP	P	13 57 12.8	-0.5
BW06	comp=Z,2um,19.0s			LR	LR		
C37A	Embarrass	85.59	347	P	P	13 57 12.9	-0.1
E31A	Nome	85.63	343	P	P	13 57 13.6	+0.4
G26A	Maurine	85.65	340	P	P	13 57 13.8	+0.4
F28A	McLaughlin	85.68	341	P	P	13 57 14.2	+0.7
EYMN	Ely	85.69	348	P	P	13 57 13.9	+0.4
EYMN	Ely	85.69	348	eP	P	13 57 12.6	-0.8
EYMN	comp=Z,30nm,1.4s			LR	LR		
EYMN	comp=Z,946nm,20.0s			LR	LR		
D33A	AnnSam, Waubun	85.73	345	P	P	13 57 13.7	0.0
C36A	Pine Crest Far	85.74	347	P	P	13 57 13.7	0.0
G25A	Newell	85.79	339	P	P	13 57 14.3	+0.1
E30A	Jud	85.82	343	P	P	13 57 14.5	+0.3
HVU	Hansel Valley	85.88	332	eP	P	13 57 14.8	0.0
HVU	Hansel Valley	85.88	332	eP	pmax	13 57 14.8	0.0
HVU	Hansel Valley	85.88	332	eP	pmax		

13d 13h

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like EGMT Eagleton, J05D Fort Rock, MSO Missoula, etc.

2011 FEB

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like VYHS Vyhne, WRA Warramunga Arr, WRAB Tennant Creek, etc.

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Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like ARU Arti, PPI Padang Panjang, AKTO Aktyubinsk, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Tokmak 2, Kurchatov, Zalesovo Beam, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Ulaanbaatar, Beijing, Lanzhou, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Ulaoh, Kyzart, Boomsokoye usch, etc.

13d 16h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ANN Anapa, AKASG Kesklin Array B, AKASG Malin Array B, etc.

IDC 13 16:52:33.9-1.6,25.435-70.02E,h0km,mb3.8/8, mb1 3.9/8,mb1mx3.7/32,mbtmp3.8/8,MS3.7/1,Ms1 3.6/1, ms1mx3.1/25,Error ellipse: s-maj=49.0km s-min=27.7km az=36.0,Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H0S1 Diego Garcia H, H0S2 Diego Garcia H, H0S3 Diego Garcia H, etc.

MDD 13 16:57:31.5-0.7,35:67N-8:97W,h30km,mbLg3.0/21, Error ellipse: s-maj=8.5km s-min=5.2km az=83.0,PRXIMO LDG 13 16:57:32.2-0.2,35:67N-8:92W,h15km,ML2.3/4, Error ellipse: s-maj=3.2km s-min=2.2km az=39.0

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

2011 FEB

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PFVI Vila Bisbo, PFVI Vila Bisbo, PFVI Vila Bisbo, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EMIJ, ECAB El Cabril, ECAB El Cabril, etc.

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

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

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

Summary text for the first table, including coordinates and technical specifications.

Summary text for the second table, including coordinates and technical specifications.

Summary text for the third table, including coordinates and technical specifications.

13d 21h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KRBR, CHMN, IDMV, etc.

IDC 13 20:35:07.3, 19.0, 28.97N, 82.70E, h0km, mb3.2/3, mb1 3.2/4, mb1mx3.0/49, mbtmp3.2/4, ML3.0/1, Error ellipse: s-maj=315.0km s-min=70.5km az=28.0

ISC 13 20:35:47.6, 1.5, 32.52N, 0.1, 84.8E, 0.3, h35km, n15, c134/9, Xizang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GKN, PYUN, GUN, etc.

IDC 13 20:11:16.3, 392.0, 32.69N, 133.01E, h0km, Error ellipse: s-maj=179.3km s-min=123.6km az=79.0, Shikoku

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like 130JP, 145RU, 139PW, etc.

ISCJB 13 20:20:51.4, 1.2, 36.16S, 0.05, 73.92W, 0.09, h10km, Error ellipse: s-maj=1.6km s-min=0.4km az=155.4

NEIC 13 20:20:56.0, 0.3, 26.6S, 73.62W, h16km, ML4.1 (GUC), After GUC

NEIC Felt (III) at Concepcion, Constitution, Hualpen, Linares, Parra, Penco, San Pedro de la Paz, Talcahuano and Torre; III at La Laja.

GUC 13 20:20:56.0, 0.5, 36.28S, 73.63W, h16km, ML4.1

ISC 13 20:20:52.4, 1.4, 36.28S, 0.06, 73.86W, 0.09, h10km, n12, c1105/15, 2C, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CCSP, COCH, CCHI, etc.

ISCJB 13 20:21:11.0, 0.5, 38.69N, 0.03, 31.28E, 0.03, h5km, 5km, Error ellipse: s-maj=5.2km s-min=3.9km az=169.1

CSEM 13 20:21:10.9, 0.1, 38.68N, 31.27E, h8km, MD2.6, Error ellipse: s-maj=3.2km s-min=2.4km az=12.0

DDA 13 20:21:10.9, 38.71N, 31.27E, h7km, MD2.6

ISK 13 20:21:10.5, 38.69N, 31.27E, h9km, MD2.7

ISC 13 20:21:11.1, 0.9, 38.69N, 0.03, 31.27E, 0.02, h11km, 8km, n35, c0538/48, Turkey

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

2011 FEB

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

IDC 13 20:22:12.3, 1.0, 13.80N, 146.34E, h0km, mb3.4/7, mb1 3.6/7, mb1mx3.5/34, mbtmp3.4/7, Error ellipse: s-maj=28.0km s-min=20.1km az=118.0, South of Mariana Islands

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

DDA 13 20:32:12.7, 39.19N, 41.67E, h7km, MD2.6

ISC 13 20:32:12.7, 1.2, 39.23N, 0.04, 41.64E, 0.04, h9km, 12km, n6, c0855/11, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VRTB, EKAR, BINGOL, etc.

DJA 13 20:57:01.3, 1.1, 5.5S, 10.2E, 1.3, h13km, 20km, M3.6/3, mb4.2/3, MLV3.3/1, Southern Sumatera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MNAI, KSI, MASI, etc.

IDC 13 21:05:34.1, 0.1, 31.30S, 177.42W, h0km, mb4.1/4, mb1 4.3/5, mb1mx3.9/31, mbtmp3.5/1, ML3.5/1, M3.5/3/4, Ms1 3.3/4, ms1mx3.0/33, Error ellipse: s-maj=43.8km s-min=26.9km az=152.0

ISCJB 13 21:05:36.7, 0.7, 31.68S, 0.09, 177.4W, 0.1, h26km, mb4.5/9, M3.5/2, Error ellipse: s-maj=19.2km s-min=9.0km az=34.1

NEIC 13 21:05:41.0, 0.3, 31.72S, 177.34W, h53km, 29km, mb4.6/5, Error ellipse: s-maj=34.9km s-min=11.0km az=178.0

ISC 13 21:05:38.3, 0.8, 31.7S, 0.1, 177.4W, 0.2, h26km, n30, c1560/29, mb4.3/9, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like URZ, THZ, OXF, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NNA, TGX1, BK31, etc.

IDC 13 21:06:26.6, 2.6, 58.40S, 25.29W, h0km, mb3.7/2, mb1 3.9/2, mb1mx3.6/19, mbtmp3.7/2, Error ellipse: s-maj=102.2km s-min=49.7km az=169.0, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LPAZ, TOR, YKA, etc.

ISCJB 13 21:10:57.8, 0.4, 43.40N, 0.03, 105.01W, 0.04, h0km, mb4.2/3, Error ellipse: s-maj=4.6km s-min=3.9km az=172.9

IDC 13 21:10:59.6, 2.0, 43.39N, 104.99W, h0km, mb4.0/3, mb1 3.8/7, mb1mx3.5/54, mbtmp3.5/7, ML3.6/4, Error ellipse: s-maj=56.1km s-min=12.6km az=149.0

NEIC 13 21:10:59.8, 0.5, 43.39N, 104.98W, h0km, ML3.2, Error ellipse: s-maj=7.4km s-min=7.2km az=104.0, Suspected Mining explosion.

NEIC 7.8 km [48 miles] NNE of Douglas, ISC 13 21:10:59.3, 0.7, 43.43N, 0.04, 105.02W, 0.03, h0km, n39, c1844/54, mb4.1/3, Wyoming

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RISSD, PHWY, OGNE, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ELK, WUAZ, NVAR, etc.

ISC 13 21:13:47.8, 37.83N, 29.15E, h14km, MD2.6

ISCJB 13 21:13:48.4, 1.2, 37.81N, 0.05, 29.13E, 0.07, h9km, 7km, Error ellipse: s-maj=11.7km s-min=6.0km az=41.6

CSEM 13 21:13:48.0, 0.4, 37.81N, 29.16E, h12km, MD2.6, Error ellipse: s-maj=7.6km s-min=4.3km az=133.0

DDA 13 21:13:48.7, 37.84N, 29.10E, h7km, MD2.6

ISC 13 21:13:48.2, 1.3, 37.81N, 0.05, 29.14E, 0.06, h13km, 7km, n13, c0929/24, Turkey

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

14d Oh

Table of station data for 14d Oh, including columns for station name, frequency, power, and other technical details.

2011 FEB

Main table of station data for 2011 FEB, including columns for code, station name, frequency, power, and other technical details.

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Table of station data for 676, including columns for code, station name, frequency, power, and other technical details.

0.7nm,0.3s,baz=130,slow=24,SNR=4.5
KK31 1.4nm,0.4s,baz=134,slow=29,SNR=3.6

Lg 00 08 02.5

2011 FEB

NEIC 14 00:17:01.3,32.21N,115.30W,h6km,ML3.4(PAS),
ML3.5(5CX),After ECX.

ECX 14 00:17:01.3,32.21N,115.30W,h6km,MD3.4,ML3.5
MEX 14 00:17:02.0,0.5,32.28N,115.18W,h16km,7km,MD3.9

ISC 14 00:16:59.9,9.3,32.20N,102.115,33W,0.02,h11km,7km,
n58,r148/96,9C-9D,California-Baja California border

ISCJB 14 00:09:05.2,0.4,40.43N,0.02,26.03E,0.02,h7km,3km,
Error ellipse: s-maj=3.1km s-min=2.9km az=153.7
CSEM 14 00:09:05.9,0.1,40.42N,26.04E,h10km,ML3.3,Error
ellipse: s-maj=4.0km s-min=3.2km az=170.0
DDA 14 00:09:05.6,40.39N,26.12E,h7km,ML2.9
THE 14 00:09:05.9,40.43N,26.00E,h15km,1km,ML2.37,Error
ellipse: s-maj=1.3km s-min=0.6km az=23.0
ISK 14 00:09:05.2,40.40N,26.09E,h5km,ML3.3
ISC 14 00:09:05.2,0.8,40.43N,0.02,26.01E,0.02,h17km,6km,
n113,r106/132,3C, Turkey

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like Gvkggeada, Enez, Tayfur-Gelibol, etc.

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like Cerro Prieto, Mexicali, Cerro Bola, etc.

SOME 14 00:23:25.9,41.40N,72.05E,h0km
KRNET 14 00:23:27.6,0.1,41.42N,72.10E,h18km,mb2.3
NNC 14 00:23:28.1,1.1,41.45N,72.13E,h0km,mb3.3,mpv2.9,
Error ellipse: s-maj=10.5km s-min=8.3km az=144.0

ISC 14 00:23:27.0,1.1,41.40N,0.03,72.09E,0.03,h12km,11km,
n30,r142/49,24C-15D,Kyrgyzstan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like Arkit, Toktogul, Osh, etc.

14d 0h
AML baz=59 11S Sg 00 24 12.9 +0.6
AML Almayashu SNR=19 1.40 58 P Pb 00 23 53.3 -0.1

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like MRKS, MRKS, MRKS, etc.

ISCJB 14 00:24:17.0,0.6,32.24N,0.03,115.25W,0.03,h14km,5km,
Error ellipse: s-maj=5.2km s-min=4.5km az=43.3
NEIC 14 00:24:18.5,0.5,32.23N,115.30W,h8km,ML2.7(PAS),
ML2.8(5CX),After ECX.

ECX 14 00:24:18.5,0.5,32.23N,115.30W,h8km,MD2.6,ML2.8
ISC 14 00:24:16.9,1.0,32.23N,115.30W,0.03,h17km,8km,
n22,r056/31,1C-1D,California-Baja California border

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like Cerro Prieto, Mexicali, Cerro Bola, etc.

ISCJB 14 00:35:43.7,1.0,32.24N,0.05,115.27W,0.07,
h17km,14km,Error ellipse: s-maj=9.9km s-min=7.1km
az=155.0

ECX 14 00:35:44.9,0.4,32.24N,115.27W,h5km,MD2.2,ML2.4
MEX 14 00:35:45.7,0.6,32.29N,115.20W,h15km,97km,MD3.6

ISC 14 00:35:43.4,1.1,41.40N,0.04,115.30W,0.05,
h15km,10km,n13,r029/20,2C-1D,California-Baja
California border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like Cerro Prieto, Mexicali, Cerro Bola, etc.

14d 2h

Table with columns for station name, frequency, power, and other technical details. Includes stations like MAW, PPLA, CAST, etc.

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

Table with columns for station name, frequency, power, and other technical details. Includes stations like NNA, CMBC, DBBC, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Cerro Prieto, San Pedro Mart, Tijuana, and Punta Banda.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Vista Hermosa, Comitan, Tehuacan, and various stations in the Kamchatka Peninsula.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Cerro Prieto, Mexicali, Tijuana, and various stations in the California-Baja California border region.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like SJG, SDD, HUMP, LRS, AOPR, AGP, ANWB, ANWB, ANWB, SMRT, SMRT, STVI, SDDR, SDDR, RCT, RKT, RKT, RKT, RKT, RKT, GTBY, NVL, NVL, NVL, NVL, GRTK, TEIG, TEIG, TLIG, UNM, ASCN, MOIG, SBA, Vnda, Vnda, Vnda, DWPF, DWPF, ZAIG, SYO, SYO, 035Z, TBI, TBI, TBI, TBI, 035A, 936A, 034A, 934A, TIGA, TIGA, TIGA, 738A, 933A, 835A, 737A, 834A, BBSS, BBSS, 736A, 735A, 833A, 637A, 540A, 832A, 734A, 539A, SLBS, SLBS, 636A.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like 733A, NHSC, NHSC, 635A, 538A, 440A, 634A, TVO, VAH, LPIG, 439A, 536A, 633A, 535A, PAE, PAE, 438A, PPT2, PPT2, PPT2, PMOR, PPT, PPT, PPT, GOGA, GOGA, GOGA, GOGA, VBMS, VBMS, 340A, LRAL, LRAL, 534A, 437A, 339A, 436A, 533A, 241A, 338A, 337A, 435B, NATX, NATX, NATX, 434A, 239A, 336A, 335A, 238A, JCT, JCT, JCT, JCT, 433A, 237A, CNNC, 334A, TX31, TXAR, TXAR, TXAR, TXAR, 236A, KMSC, KMSC, 139A, 333A, 332A, WHTX, WHTX, Z40A, 137A, 234A, 239A, OXF, OXF.

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like OXF, 233A, 238A, 135A, TKL, TKL, 232A, 237A, 134A, Y40A, Y39A, Z36A, 133A, Y38A, MAW, MAW, MAW, MAW, X40A, Z35A, UALR, ABTX, ABTX, Y37A, MIAR, MIAR, MIAR, MIAR, TZTN, Z34A, X39A, Y36A, Z33A, Y35A, SRIG, VWCC, BLA, BLA, BLA, X38A, W40A, X37A, Y34A, W39A, JSRW, W38A, X36A, X35A, Y33A, W37B, MNTX, MNTX, HSG, HSG, CBN, CBN, X34A, V39A, W36A, X33A, PBMO, W35A, W38A, X32A, U40A, WMOK, WMOK, W34A, W36A, TUL1, TUL1, X31A, W33A, U38A, V35A, USIN, USIN, SIUC.

Table with columns: Station, Frequency, Class, Power, Azimuth, Elevation, and other parameters. Includes stations like WCI Wyandotte Cave, W32A Sentinel, U37A Salina, etc.

Table with columns: Station, Frequency, Class, Power, Azimuth, Elevation, and other parameters. Includes stations like TUC Tucson, S34A Willow Spring, Q40A Laux Farm, etc.

Table with columns: Station, Frequency, Class, Power, Azimuth, Elevation, and other parameters. Includes stations like X18A Snowflake, X18A Mirnyy, MIR Mirnyy, etc.

14d 3h

Table with columns: Station Name, Frequency, Power, Mode, and various signal metrics. Includes stations like PKM McPherson Peak, COWI Conover, G36A St. Michael, etc.

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Table with columns: RSSD, pmax, pmax, and various signal metrics. Includes stations like D37A Cotton, F31A Hecla, H26A Fairpoint, etc.

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Table with columns: Station Name, Frequency, Power, Mode, and various signal metrics. Includes stations like TOC6 Torodi Ar. Sit, TOB4 Torodi Ar. Sit, TOC4 Torodi Ar. Sit, etc.

A32A	Rocking H Ranch	86.58 345	P	P	03 52 50.4 -0.6
D25A	Fairfield	86.62 340	P	P	03 52 50.1 -1.3
YFT	Old Faithful	86.62 334	eP	P	03 52 52.7 +1.0
YFT			LR	LR	
C27A	Saylor Ranch	86.64 341	P	P	03 52 51.1 -0.4
RLMT	Red Lodge	86.66 335	P	P	03 52 51.2 -0.7
RLMT	Red Lodge	86.66 335	eP	P	03 52 51.1 -0.8
RLMT			LR	LR	
A31A	Linda, St. Vin	86.74 344	P	P	03 52 49.4 -2.4
YNR	Norris Junction	86.80 334	PFAKE	LR	03 53 00.0 +7.4
YNR			LR	LR	
B29A	Wagenman Farm	86.80 343	P	P	03 52 50.5 -1.7
OCHM	Honcut	86.82 325	eP	P	03 52 53.8 +1.4
YMR	Madison River	86.86 334	eP	P	03 52 51.9 -1.0
YMR			LR	LR	
C26A	Wahner Farm	86.91 341	P	P	03 52 50.8 -1.9
A30A	Hoffart Farm	87.00 344	P	P	03 52 51.7 -1.5
ORV	Oroville	87.00 325	eP	P	03 52 53.4 0.0
ORV			LR	LR	
ORV	Oroville	87.00 325	eP	P	03 52 53.4 0.0
ORV			pmax	pmax	
ORV			MLR	MLR	
B28A	Dugan Ranch, T	87.03 342	P	P	03 52 52.1 -1.2
C25A	Freed Ranch, W	87.12 340	P	P	03 52 53.5 -0.3
Q29A	Earlthaus Lak	87.17 334	eP	P	03 52 55.3 +1.0
ALMT	Manning Farm	87.20 343	P	P	03 52 52.1 -2.0
HLID	Hailey	87.21 331	P	P	03 52 53.5 -1.0
HLID	Hailey	87.21 331	eP	P	03 52 54.0 -0.5
HLID			LR	LR	
B27A	Peters Farms	87.22 342	P	P	03 52 52.5 -1.7
HOPS	Hopland Field	87.31 323	PFAKE	LR	03 53 10.0 +1.5
HOPS			LR	LR	
GCMT	Greycliff	87.38 335	eP	P	03 52 54.2 -1.1
A28A	Rude Farm, Bot	87.44 342	P	P	03 52 53.8 -1.5
B26A	Jensen Ranch	87.45 341	P	P	03 52 53.6 -1.7
B25A	Knox Farm, Ray	87.60 340	P	P	03 52 54.6 -1.5
MFID	Camas Ranch	87.65 330	eP	P	03 52 56.8 +0.2
MFID			ePP	PP	03 56 27.0 +4.6
MFID			LR	LR	
MCMT	McKenzie Canyo	87.68 333	eP	P	03 52 57.5 +0.7
ULM	Lac du Bonnet	87.71 346	eP	P	03 52 55.7 -0.7
ULM	Lac du Bonnet	87.71 346	eP	P	03 52 55.8 -0.7
ULM			LR	LR	
ULM	Lac du Bonnet	87.71 346	eP	P	03 52 55.8 -0.7
ULM			pmax	pmax	
ULM			MLR	MLR	
A27A	Ledoux Ranch	87.72 342	P	P	03 52 55.7 -0.9
O03D	Paynes Creek	87.73 325	P	P	03 52 55.1 -1.9
A26A	Wade Farm, Ken	87.87 341	P	P	03 52 56.9 -0.4
BOZ	Bozeman (W)	87.94 334	P	P	03 52 57.1 -0.9
BOZ	Bozeman (W)	87.94 334	eP	P	03 52 57.5 -0.5
BOZ			LR	LR	
BOZ	Bozeman (W)	87.94 334	eP	P	03 52 57.5 -0.5
BOZ			pmax	pmax	
BOZ			MLR	MLR	
WVOR	Wild Horse Val	88.01 328	eP	P	03 52 59.4 +1.0
WVOR			LR	LR	
WVOR	Wild Horse Val	88.01 328	eP	P	03 52 59.4 +1.0
WVOR			pmax	pmax	
WVOR			MLR	MLR	
DLMT	Dillon	88.05 333	eP	P	03 52 58.7 +0.2
DLMT			LR	LR	
DGMT	Dagmar	88.07 340	P	P	03 52 56.3 -2.0
DGMT	Dagmar	88.07 340	eP	P	03 52 57.0 -1.4
DGMT			ePP	PP	03 56 20.3 -5.4
KCPM	Cahto Peak	88.10 323	PFAKE	LR	03 53 10.0 +1.1
A25A	Svangstu Ranch	88.20 341	P	P	03 52 56.9 -2.0
WDC	Whiskeytown Da	88.30 325	PFAKE	LR	03 53 10.0 +1.0
MOD	Modoc Plateau	88.32 327	eP	P	03 53 00.4 +0.6
MOD			LR	LR	
LRM	Limekiln Ridge	88.39 334	eP	P	03 53 01.1 +0.9
KMRM	Mali Ridge	88.58 324	eP	P	03 53 03.2 +2.2
KMRM			LR	LR	
N02D	Trinity Center	88.69 325	P	P	03 53 00.1 -1.4
M04C	Macdoel	88.92 326	P	P	03 53 02.0 -0.7
AFI	Afiatalu	88.94 254	PFAKE	LR	03 53 20.0 +1.7
M02C	Callahan	89.08 325	P	P	03 53 02.2 -1.1
KHMM	Horse Mountain	89.09 324	PFAKE	LR	03 53 20.0 +1.6
JCC	Jacoby Creek	89.19 324	PFAKE	LR	03 53 20.0 +1.6
JCC			LR	LR	
K05A	Summer Lake	89.24 327	eP	P	03 53 05.6 +1.4
K05A			LR	LR	
YBH	Yreka Blue Hor	89.28 325	eP	P	03 53 06.4 +2.1
YBH			LR	LR	
YBH	Yreka Blue Hor	89.28 325	eP	P	03 53 06.4 +2.1
YBH			pmax	pmax	
YBH			MLR	MLR	
EGMT	Eagleton	89.36 336	P	P	03 53 04.5 0.0
EGMT			eP	P	03 53 05.1 +0.6

EGMT	comp=Z,9um,19.0s	LR	LR		
PAF	Port-aux-Franc	89.47 157	PFAKE	LR	
PAF			LR	03 53 20.0 +1.5	
K04D	Chiloquin, OR	89.54 326	P	P	03 53 02.4 -3.2
CHMT	Chamberlain Mo	89.61 334	eP	P	03 53 05.7 -0.1
MSO	Missoula	89.78 333	eP	P	03 53 06.5 -0.1
MSO	Missoula	89.78 333	eP	P	03 53 06.8 +0.2
MSO			ePP	PP	03 56 46.3 +6.8
MSO			ePKIKP	PKIKP	03 57 58.2 -5.1
MSO			LR	LR	
J05D	Fort Rock, OR	89.83 327	P	P	03 53 05.7 -1.2
SLMT	Seelye Lake	89.97 334	eP	P	03 53 06.8 -0.6
L02D	Cave Junction,	90.03 325	P	P	03 53 07.9 +0.2
HUMO	Hull Mountain	90.08 326	PFAKE	LR	03 53 20.0 +1.2
HUMO			LR	LR	
SCHO	Schefferville	90.12 4	P	P	03 53 07.8 0.0
SCHO			LR	LR	04 32 49.9
SCHO	comp=Z,16um,22.0s,baz=181,slo=35	90.12 4	eP	P	03 53 08.4 +0.7
LSZ	Lusaka	90.16 109	P	P	03 53 09.5 +0.3
LSZ			P	P	03 53 09.5 +0.3
LSZ	Lusaka	90.16 109	eP	P	03 53 09.7 +0.5
LSZ			ePKIKP	PKIKP	03 58 13.2 +8.2
LSZ			LR	LR	
LSZ	Lusaka	90.16 109	eP	P	03 53 09.7 +0.5
LSZ			pmax	pmax	
LSZ			MLR	MLR	
J04D	Umpqua Nationa	90.19 327	P	P	03 53 08.7 0.0
F10A	Beach Ranch, E	90.32 331	eP	P	03 53 09.5 +0.4
F10A			LR	LR	
KBO	Bosley Butte	90.36 325	PFAKE	LR	03 53 20.0 +1.1
KBO			LR	LR	
SWMT	Swartz Lake	90.38 334	eP	P	03 53 09.0 -0.4
SWMT			ePP	PP	03 56 33.7 -1.1
JTMT	Jette	90.69 334	eP	P	03 53 10.4 -0.4
YBMT	Yellow Bay	90.69 334	eP	P	03 53 10.6 -0.2
I05D	Terrebonne, OR	90.72 328	P	P	03 53 11.4 +0.5
I04A	Tendick Farm,	90.76 327	P	P	03 53 11.6 +0.5
I04A			LR	LR	
KEBM	Edson Butte	90.92 325	PFAKE	LR	03 53 20.0 +8.1
KEBM			LR	LR	
BSMT	Bassoo Peak	90.96 333	eP	P	03 53 11.8 -0.3
I03D	Drain, OR	91.11 326	P	P	03 53 13.4 +0.8
G06A	Carlson Farm,	91.13 329	eP	P	03 53 13.7 +1.0
G06A			LR	LR	
H04A	Detroit Lake	91.36 327	eP	P	03 53 18.6 +4.7
H04A			LR	LR	
G05D	Wamic, OR	91.42 328	P	P	03 53 14.4 +0.2
HAWA	Hanford	91.59 330	eP	P	03 53 15.5 +0.6
HAWA			LR	LR	
WALA	Waterton Lakes	91.66 335	eP	P	03 53 16.0 +0.8
WALA			LR	LR	
COR	Corvallis	91.78 327	PFAKE	LR	03 53 30.0 +1.4
COR			LR	LR	
E07A	Sunnyside	91.86 330	eP	P	03 53 17.3 +1.2
E07A			LR	LR	
D08A	Wollman Farm,	91.89 331	eP	P	03 53 17.6 +1.4
D08A			LR	LR	
NEW	Newport	92.17 332	P	P	03 53 17.0 -0.5
NEW			eP	P	03 53 15.9 -1.6
NEW	Newport	92.17 332	eP	P	03 53 15.9 -1.6
NEW			pmax	pmax	
NEW			MLR	MLR	
C09A	Christman Ranch	92.23 331	eP	P	03 53 17.2 -0.6
C09A			ePP	PP	03 57 08.3 +1.0
C09A			PP	PP	
G03D	McIntinnville, O	92.25 327	P	P	03 53 17.7 -0.2
F04A	Amboy	92.44 328	PFAKE	LR	03 53 30.0 +1.1
F04A			LR	LR	
LTY	Liberty	92.75 330	PFAKE	LR	03 53 30.0 +1.0
LTY			LR	LR	
RTC	Rabat Centre	92.78 50	PFAKE	LR	03 53 30.0 +9.4
RTC			LR	LR	
F04D	Rainier, OR	92.82 328	P	P	03 53 20.3 -0.2
LON	Longmire	92.83 329	eP	P	03 53 20.7 +0.1
LON			LR	LR	
LON	Longmire	92.83 329	eP	P	03 53 20.7 +0.1
LON			pmax	pmax	
LON			MLR	MLR	
F03A	Seaside	92.94 327	PFAKE	LR	03 53 30.0 +8.9
F03A			LR	LR	
B08A	Colville Reser	93.10 331	eP	P	03 53 22.0 +0.2
B08A			LR	LR	
FFC	Flin Flon	93.22 344	eP	P	03 53 19.9 -2.2
FFC			LR	LR	
FFC	Flin Flon	93.22 344	eP	P	03 53 19.9 -2.2
FFC			pmax	pmax	
FFC			MLR	MLR	
D05A	Enumclaw	93.25 329	PFAKE	LR	03 53 30.0 +7.5
D05A			LR	LR	
C06D	Leavenworth	93.38 330	P	P	03 53 23.6 +0.5
E03A	Lebam	93.42 328	eP	P	03 53 22.6 -0.6
E03A			LR	LR	
PVFI	Vila Bisbo	93.69 46	PFAKE	LR	03 53 30.0 +5.3
PVFI			LR	LR	
TAU	Tasmania Unive	93.69 209	eP	P	03 53 26.8 +1.9
TAU			LR	LR	
TAU	Tasmania Unive	93.69 209	eP	P	03 53 26.8 +1.9
TAU			pmax	pmax	

TAU	comp=Z,46nm,1.0s	MLR	MLR		
MORF	Marmelete	93.91 46	eP	P	03 53 24.3 -1.5
MORF			AMS	AMS	04 34 21.8
MORF	Marmelete	93.91 46	eP	P	03 53 24.3 -1.5
B06A	Marblemount	94.09 330	PFAKE	LR	03 53 40.0 +1.4
B06A			LR	LR	
B05A	Bryant	94.14 330	P	P	03 53 27.8 +1.3
NLWA	Neilton Lookou	94.21 328	PFAKE	LR	03 53 40.0 +1.3
NLWA			LR	LR	
TAM	Tamanrasset	94.25 65	eP	P	03 53 26.9 -1.0
TAM			ePP	PP	03 57 15.7 +0.5
TAM			LR	LR	
TAM	Tamanrasset	94.25 65	eP	P	03 53 26.9 -1.0
TAM			e	e	03 57 15.7
TAM			pmax	pmax	
TAM			MLR	MLR	
PBDV	Barranco-do-Ve	94.29 47	eP	P	03 53 29.8 +2.2
PBDV			LR	LR	
PCVE	Castro Verde	94.49 46	eP	P	03 53 31.8 +3.4
MESJ	Messejana	94.52 46	eP	P	03 53 27.5 -1.0
MESJ			AMS	AMS	04 39 36.3
MESJ	Messejana	94.52 46	eP	P	03 53 27.5 -1.0
PVAQ	Vaqueiros	94.52 47	eSKSac	SKSac	04 04 13.1 +1.0
PVAQ	Vaqueiros	94.52 47	eLQ	LQ	04 24 18.9
PVAQ			eLR	LR	04 28 24.6
LIS	Lisbon	94.57 45	eP	P	03 53 27.4 -1.3
LIS			AMS	AMS	04 36 56.7
LIS	Lisbon	94.57 45	eP	P	03 53 27.4 -1.3
A04D	Lummi Island	94.75 330	P	P	03 53 30.6 +1.3
PBEJ	Beja	94.85 46	eP	P	03 53 29.8 -0.3
UWE	Uwekahuna	94.96 290	PFAKE	LR	03 53 40.0 +8.8
UWE			LR	LR	
EDM	Edmonton	95.00 337	eP	P	03 53 29.4 -1.0
EDM			LR	LR	
EDM	Edmonton	95.00 337	eP	P	03 53 29.4 -1.0
EDM			pmax	pmax	
EDM			MLR	MLR	
PGC	Sidney	95.00 329	PFAKE	LR	03 53 40.0 +1.0

Table with columns for location (e.g., SPSI, KASI, MASI), coordinates, and various status codes (PKP, PKPpdf, PKPp, etc.) and numerical values.

Table with columns for location (e.g., MYLDM, RCLA, KLRI, SRLM), coordinates, and various status codes and numerical values.

Table with columns for location (e.g., EKS2, AAK, AAK, AAK), coordinates, and various status codes and numerical values.

KKN	comp=Z,4.7nm,0.3s	160.08 107	eP	PKP	PKPdf	04 00 08.3 +0.2
MDJ	Mudanjiang	160.43 305	PKP	PKP	PKPdf	04 00 08.8 +1.2
MDJ			pPKP	pPKP	PKPdf	04 00 15.8 +2.3
MDJ			SKP	SKP	PKPdf	04 00 17.5 +2.3
MDJ			PP	PP	PKPdf	04 04 33.8 +2.3
MDJ			SKS	SKS	PKPdf	04 07 12.1 +0.1
MDJ			LR	LR		
MDJ	comp=Z,5.5um,24.8s		LR	LR		
MDJ	comp=Z,8.0um,20.1s		LR	LR		
MDJ	comp=Z,10.0um,20.1s		LR	LR		
MDJ	Mudanjiang	160.43 305	ePKP	PKP	PKPdf	04 00 08.8 +1.2
PKBT	Sadao Pong	160.43 163	PKP	PKP	PKPdf	04 00 14.5 +6.1
GUN	Gumba	160.61 107	eP	PKP	PKPdf	04 00 12.4 +3.6
RAMN	Ramite	160.69 111	eP	PKP	PKPdf	04 00 06.3 -2.5
JIRN	Jiri	160.73 108	eP	PKP	PKPdf	04 00 10.7 +1.7
ODAN	Odare	161.25 112	eP	PKP	PKPdf	04 00 08.6 -0.8
CM01	Chiang Mai Arr	161.60 155	ePKP	PKP	PKPdf	04 00 07.3 -2.4
CM01			ePKP	PKP	PKPdf	04 00 56.1 +1.7
TAPN	Taplejung	161.74 111	eP	PKP	PKPdf	04 00 13.6 +3.6
CHTO	Chiang Mai	161.96 155	ePKP	PKP	PKPdf	04 00 10.1 0.0
CHTO		161.96 155	ePKP	PKP	PKPdf	04 00 10.1 0.0
KSR5	Korea Array	162.97 283	eP	PKP	PKPdf	04 00 11.8 +1.3
KSR5	comp=Z,4.1nm,1.0s,baz=45,slow=0.2,SNR=7.6		PKP	PKP	PKPdf	04 01 00.0 -0.2
KS01	Wanju Array Si	163.00 283	ePKP	PKP	PKPdf	04 00 12.7 +2.2
KS01			ePKP	PKP	PKPdf	04 00 59.5 -0.8
KSAR	Wonju Array Be	163.01 283	PKP	PKP	PKPdf	04 01 00.0 -0.3
KSAR	Wonju Array Be	163.01 283	PKP	PKP	PKPdf	04 01 11.8 +1.3
KSAR			PKP	PKP	PKPdf	04 01 00.0 0.0
WMQ	Urumqi	163.06 55	PKP	PKP	PKPdf	04 00 09.8 -0.7
WMQ			PKP	PKP	PKPdf	04 00 14.5 +3.2
WMQ			PKP	PKP	PKPdf	04 00 57.0 -0.0
WMQ			PKS	PKS	PKPdf	04 03 41.8 -1.7
WMQ			PP	PP	PKPdf	04 04 46.5 +0.9
WMQ			SKS	SKS	PKPdf	04 07 09.3 -5.0
WMQ			SKS	SKS	PKPdf	04 11 26.4 -6.3
WMQ	comp=Z,3.0um,10.8s		LR	LR		
WMQ	comp=Z,5.5um,22.0s		LR	LR		
WMQ	comp=Z,7.0um,22.0s		LR	LR		
WMQ	comp=Z,7.0um,19.2s		LR	LR		
IRK	Irkutsk	163.14 6	ePKP	PKP	PKPdf	04 00 09.5 -0.7
IRK			ePKP	PKP	PKPdf	04 01 14.5 +3.2
IRK			ePKP	PKP	PKPdf	04 04 46.2 0.0
IRK			pmax	pmax		
MOY	Monday	163.28 13	ePKP	PKP	PKPdf	04 00 10.5 0.0
MOY			ePKP	PKP	PKPdf	04 00 10.5 0.0
HIA	Hailar	163.31 330	ePKP	PKP	PKPdf	04 00 10.8 +0.3
TJN	Taejon	163.40 279	ePKP	PKP	PKPdf	04 00 10.6 -0.3
QIZ	Qiongzong	163.40 190	PKP	PKP	PKPdf	04 00 11.6 +0.1
QIZ			PKP	PKP	PKPdf	04 00 22.7 -0.0
QIZ			PP	PP	PKPdf	04 04 48.4 +2.2
QIZ			SS	SS	PKPdf	04 25 13.9 +2.7
CN2	Changchun	163.50 306	ePKP	PKP	PKPdf	04 00 08.5 -2.3
CN2			ePKP	PKP	PKPdf	04 04 50.1 +2.3
CN2			SKS	SKS	PKPdf	04 11 32.3 0.0
CN2			SKS	SKS	PKPdf	04 25 12.8 -1.5
CN2	comp=Z,3.0um,13.0s		LR	LR		
CN2	comp=Z,9.0um,20.0s		LR	LR		
CN2	comp=Z,6.0um,20.0s		LR	LR		
CN2	comp=Z,12.0um,20.0s		LR	LR		
TLY	Talaya	163.64 7	PKP	PKP	PKPdf	04 00 10.0 -0.8
TLY	comp=Z,1.0nm,0.3s,baz=210,slow=8.1,SNR=3.7		PKP	PKP	PKPdf	04 01 02.3 -0.2
TLY	comp=Z,4.7nm,0.8s,baz=336,slow=2.4,SNR=7.9		PKP	PKP	PKPdf	04 00 10.0 -0.8
TLY	Talaya	163.64 7	ePKP	PKP	PKPdf	04 00 10.0 -0.6
TLY			ePKP	PKP	PKPdf	04 01 03.9 +1.4
TLY	Talaya	163.64 7	ePKP	PKP	PKPdf	04 00 08.0 -2.7
TLY			ePKP	PKP	PKPdf	04 04 46.9 0.0
TLY			ePKP	PKP	PKPdf	04 25 04.1 -1.0
SHL	Shillong	163.74 123	eP	PKP	PKPdf	04 00 11.0 -0.8
SHL			eP	PKP	PKPdf	04 05 10.0 0.0
ZAK	Zakamensk	164.88 9	ePKP	PKP	PKPdf	04 00 08.2 -3.8
ZAK			ePKP	PKP	PKPdf	04 01 07.2 0.0
ZAK	comp=Z,8.0nm,2.0s		pmax	pmax		
ZAK	comp=Z,3.9nm,1.2s		pmax	pmax		
OZH	Quanzhou	165.43 227	PKP	PKP	PKPdf	04 00 12.8 -0.3
OZH			PKP	PKP	PKPdf	04 04 59.5 +1.8
OZH			SKS	SKS	PKPdf	04 11 40.3 +1.2
OZH			SS	SS	PKPdf	04 25 30.5 -3.2
OZH			AMB	AMB		
SNY	Shenyang	165.52 301	ePKP	PKP	PKPdf	04 00 16.3 +3.7
SNY			ePKP	PKP	PKPdf	04 04 56.2 +2.1
SNY			SS	SS	PKPdf	04 25 32.1 -3.1
SNY			AMB	AMB		
LSA	Lhasa	165.53 109	PKP	PKP	PKPdf	04 00 13.8 +0.1
LSA			PKP	PKP	PKPdf	04 04 52.0 -2.5
GZH	Guangzhou	166.43 206	PKP	PKP	PKPdf	04 00 13.8 -0.1
GZH			PKP	PKP	PKPdf	04 01 21.8 +6.3
GZH			PKP	PKP	PKPdf	04 05 10.1 +7.8
GZH			SKS	SKS	PKPdf	04 11 46.8 0.0
GZH	comp=Z,7.0um,13.9s		LR	LR		
GZH	comp=Z,12.0um,21.6s		LR	LR		
SSE	Sheshan	167.27 254	PKP	PKP	PKPdf	04 00 12.8 -1.5
SSE			PKP	PKP	PKPdf	04 05 09.4 +1.5
SSE			SS	SS	PKPdf	04 25 54.9 +1.3
SSE	comp=Z,4.0um,12.0s		LR	LR		
SSE	comp=Z,7.0um,23.1s		LR	LR		
SSE	comp=Z,6.0um,23.1s		LR	LR		
SSE	comp=Z,12.0um,20.6s		LR	LR		
ULN	Ulaanbaatar	167.63 360	P	PKP	PKPdf	04 00 14.3 0.0
ULN	Ulaanbaatar	167.63 360	ePKP	PKP	PKPdf	04 00 13.8 -0.5
ULN			ePKP	PKP	PKPdf	04 01 22.1 +1.7
ULN			ePKP	PKP	PKPdf	04 00 13.1 +1.2
SONA1	Songino Array	167.64 2	ePKP	PKP	PKPdf	04 00 12.7 -1.6
SONA1			ePKP	PKP	PKPdf	04 00 13.3 -1.0
SONA1			ePKP	PKP	PKPdf	04 01 19.5 -0.9
SONA1			ePKP	PKP	PKPdf	04 01 19.5 -0.9
SONA1			ePKP	PKP	PKPdf	04 05 04.6 +1.1
DL2	Dalian	167.77 291	PKP	PKP	PKPdf	04 00 14.0 0.0
DL2			PKP	PKP	PKPdf	04 05 14.0 +3.6
DL2			SKS	SKS	PKPdf	04 11 58.1 0.0
DL2	comp=Z,5.5um,18.7s		LR	LR		
DL2	comp=Z,7.0um,18.6s		LR	LR		
KMI	Kumming	169.07 260	PKP	PKP	PKPdf	04 00 16.1 0.0
NJ2	Nanjing	169.48 254	ePKP	PKP	PKPdf	04 00 19.3 +3.5
NJ2			ePKP	PKP	PKPdf	04 00 23.3 +1.7
NJ2			PKP	PKP	PKPdf	04 05 24.8 +5.7
NJ2			SKS	SKS	PKPdf	04 12 07.3 0.0
NJ2			SS	SS	PKPdf	04 26 08.3 -7.4
NJ2	comp=Z,5.5um,10.3s		LR	LR		
NJ2	comp=Z,7.0um,19.1s		LR	LR		
NJ2	comp=Z,15.0um,28.0s		LR	LR		
NJ2	comp=Z,1.1um,19.6s		LR	LR		
GYA	Guliyang	171.00 179	iPKP	PKP	PKPdf	04 00 16.5 -0.5

GYA			PKP	PKP	PKPdf	04 01 37.4 +1.7
GYA			PKS	PKS	PKPdf	04 03 07.0 -2.6
GYA			PP	PP	PKPdf	04 05 29.8 +4.5
GYA			SKS	SKS	PKPdf	04 12 12.8 0.0
GYA			SS	SS	PKPdf	04 26 24.5 -3.5
GYA	comp=Z,4.0um,12.5s		AMB	AMB		
GYA	comp=Z,9.0um,19.9s		LR	LR		
GYA	comp=Z,7.0um,22.4s		LR	LR		
GYA	comp=Z,13.0um,20.2s		LR	LR		
BJI	Beijing	171.36 305	PKP	PKP	PKPdf	04 00 16.4 -0.2
BJI			PKP	PKP	PKPdf	04 05 30.8 +2.7
BJI			SS	SS	PKPdf	04 26 35.0 +2.2
BJI			AMB	AMB		
BJI	comp=Z,7.0um,13.1s		LR	LR		
BJI	comp=Z,13.0um,21.8s		LR	LR		
BJI	comp=Z,8.0um,21.8s		LR	LR		
TIA	Tai'an	171.66 278	PKP	PKP	PKPdf	04 00 20.5 -3.6
TIA			PKP	PKP	PKPdf	04 05 32.0 +1.8
TIA			AMB	AMB		
TIA	comp=Z,4.0um,15.0s		LR	LR		
TIA	comp=Z,12.0um,21.0s		LR	LR		
TIA	comp=Z,9.0um,20.2s		LR	LR		
WHN	Wuhan	172.04 234	PKP	PKP	PKPdf	04 00 19.4 +2.2
WHN			PKP	PKP	PKPdf	04 00 39.4 -0.5
GTA	Gaotai	173.14 53	ePKP	PKP	PKPdf	04 00 17.5 -0.1
GTA			pPKP	pPKP	PKPdf	04 00 27.6 +4.1
GTA			sPKP	sPKP	PKPdf	04 00 32.3 0.0
GTA			PKP	PKP	PKPdf	04 01 46.3 +1.1
GTA			PP	PP	PKPdf	04 05 37.5 +0.5
GTA			SKS	SKS	PKPdf	04 12 19.5 -0.2
GTA			SS	SS	PKPdf	04 26 44.8 -6.3
GTA	comp=Z,7.0um,13.3s		LR	LR		
GTA	comp=Z,5.5um,25.2s		LR	LR		
GTA	comp=Z,1.1um,26.1s		LR	LR		
GTA	comp=Z,1.1um,31.4s		LR	LR		
HHC	Hu-ho-hao-te	173.51 327	ePKP	PKP	PKPdf	04 00 15.3 -2.4
HHC			ePKP	PKP	PKPdf	04 00 25.6 +2.1
HHC			SKS	SKS	PKPdf	04 12 22.3 0.0
HHC	comp=Z,3.0um,10.0s		LR	LR		
HHC	comp=Z,1.1um,20.6s		LR	LR		
HHC	comp=Z,2.1um,22.0s		LR	LR		
BTO	Botou	174.33 335	ePKP	PKP	PKPdf	04 00 16.6 -1.3
CD2	Chengdu	174.73 149	PKP	PKP	PKPdf	04 00 16.9 -1.4
CD2			SKP	SKP	PKPdf	04 00 28.6 0.0
CD2			SKS	SKS	PKPdf	04 07 18.3 -2.4
CD2			SKS	SKS	PKPdf	04 12 27.4 -2.8
CD2			SS	SS	PKPdf	04 27 03.9 -1.2
CD2			SS	SS	PKPdf	04 27 03.9 -1.2
CD2	comp=Z,2.0um,19.6s		LR	LR		
TIY	Taiyuan	175.02 298	ePKP	PKP	PKPdf	04 00 23.6 +5.4
TIY			AMB	AMB		
TIY	comp=Z,3.0um,10.9s		LR	LR		
TIY	comp=Z,2.0um,19.5s		LR	LR		
LZH	Lanzhou	177.44 76	ePKP	PKP	PKPdf	04 00 17.3 -1.6
LZH			pPKP	pPKP	PKPdf	04 00 28.1 +3.3
LZH			SKP	SKP	PKPdf	04 00 31.0 +0.2
LZH			PP	PP	PKPdf	04 06 02.0 +3.7
LZH			AMB	AMB		
LZH	comp=Z,5.5um,8.6s		LR	LR		
LZH	comp=Z,14.0um,18.5s		LR	LR		
LZH	comp=Z,2.1um,18.6s		LR	LR		
LZH	comp=Z,19.0um,20.3s		LR	LR		
XAN	Xi'an	177.80 230	PKP	PKP	PKPdf	04 00 15.8 -3.1
XAN			SKP	SKP	PKPdf	04 00 30.3 0.0
XAN			PKS	PKS	PKPdf	04 03 46.5 -4.5
XAN			SKS	SKS	PKPdf	04 07 13.3 -7.8
XAN			LR	LR		
XAN	comp=Z,15.0um,20.7s		LR	LR		
XAN	comp=Z,8.0um,21.7s		LR	LR		
XAN	comp=Z,19.0um,20.7s		LR	LR		

SKO 14 03:44:35.0,41°34N-21°08E,h2km,M0.9,ML1.9,
Northwestern Balkan Peninsula

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
OHR	Ohrid	0.31	223	Op	ISC	h m s ISC
OHR				Pg	Pg	03 44 40.4 -0.6
OHR				iSg	Sg	03 44 45.4 +0.4
OHR				eLg	Lg	03 44 45.6 0.0
OHR	comp=N,142nm					

Table with columns: ID, Name, Az, El, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Acc, Elevation Acc, Azimuth Rate Acc, Elevation Rate Acc, Azimuth Acc Acc, Elevation Acc Acc. Rows include stations like R39A Chumby, Stover, S36A Lake Cedric, C, T33A Pattern Ranc, etc.

Table with columns: ID, Name, Az, El, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Acc, Elevation Acc, Azimuth Rate Acc, Elevation Rate Acc, Azimuth Acc Acc, Elevation Acc Acc. Rows include stations like VLDO Val d'Or, R11A Troy Canyon, R11A Troy Canyon, etc.

Table with columns: Code, Station Name, Az, El, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Acc, Elevation Acc, Azimuth Rate Acc, Elevation Rate Acc, Azimuth Acc Acc, Elevation Acc Acc. Rows include stations like DDA 14 03:54:20.6, 34:38N-32:85E, h8km, Md3.5, HLW 14 03:54:25.5, 34:89N-32:81E, h15km, 1.3km, Md3.8, M13.3, etc.

W37A	Clayton	71.25	338	P	P	05 05 48.7 +0.4
W39A	Magazine	71.33	340	P	P	05 05 49.5 +0.8
W38A	Poteau	71.43	339	P	P	05 05 49.7 +0.3
Y34A	Reagan Ranch,	71.45	336	P	P	05 05 49.8 +0.3
X36A	Centrahoma	71.54	337	P	P	05 05 49.8 -0.2
X35A	Drake	71.59	337	P	P	05 05 50.3 -0.1
W37B	Quinton	71.77	338	P	P	05 05 51.8 +0.4
Y33A	Hilltop Ranch,	71.79	335	P	P	05 05 52.1 +0.6
V39A	Pettigrew	71.89	340	P	P	05 05 52.3 +0.1
PBMO	Poplar Bluff	71.92	343	eP	P	05 05 52.5 +0.2
PPT	Papeete	71.92	260	P	P	05 05 54.6 +1.8
W36A	Wetumka	72.02	338	P	P	05 05 52.8 -0.1
X34A	Smith Ranch, M	72.06	336	P	P	05 05 53.7 +0.5
V38A	Camehill	72.14	340	P	P	05 05 53.6 -0.0
U40A	Yellville	72.16	341	P	P	05 05 53.7 0.0
X33A	Lawton	72.23	336	P	P	05 05 54.1 -0.1
W35A	Tecumseh	72.24	337	P	P	05 05 54.3 +0.1
U37A	Green Forest	72.35	340	P	P	05 05 54.9 0.0
V39A	Hulbert	72.37	339	P	P	05 05 54.3 -0.7
MNTX	Cornudas Mount	72.40	329	P	P	05 05 55.4 +0.1
MNTX	Cornudas Mount	72.40	329	eP	P	05 05 55.3 +0.1
V36A	Jenks	72.53	338	P	P	05 05 56.3 +0.4
TUL1	Leonard	72.60	338	P	P	05 05 56.9 +0.5
W34A	Bridge Creek,	72.61	337	P	P	05 05 57.0 +0.5
U38A	Gravette	72.67	340	P	P	05 05 57.2 +0.5
W33A	Caddo, Fort Co	72.77	336	P	P	05 05 58.5 +1.0
V35A	Meyer Ranch, C	72.79	338	P	P	05 05 57.7 +0.2
T40A	Mansfield	72.81	341	P	P	05 05 57.9 +0.4
MCWV	Mont Chateau	72.82	352	eP	P	05 05 57.7 +0.2
X31A	McDonald Ranch	72.83	335	P	P	05 05 58.2 +0.4
U37A	Salina	72.85	339	P	P	05 05 58.2 +0.4
T39A	Cleaver	72.92	341	P	P	05 05 58.4 +0.3
W32A	Sentinel	72.93	335	P	P	05 05 59.5 +0.3
T38A	Diamond	73.19	340	P	P	05 06 00.2 +0.4
S40A	Lebanon	73.23	342	P	P	05 06 00.5 +0.5
O56A	Blue Knob Stat	73.29	353	P	P	05 05 59.8 -0.5
MSTX	Muleshoe	73.30	332	P	P	05 06 01.4 +0.7
V33A	Lossen Ranch,	73.32	336	P	P	05 06 01.4 +0.8
W31A	Holland Ranch,	73.32	335	P	P	05 06 01.2 +0.5
DBIC	Dimbokro	73.39	70	P	P	05 05 59.8 -1.8
T37A	Cheneyville 18	73.46	340	P	P	05 06 01.4 +0.1
S39A	Bolivar	73.53	341	P	P	05 06 01.8 0.0
U34A	Anderson Ranch	73.63	337	P	P	05 06 02.6 +0.2
S38A	Stockton	73.64	341	P	P	05 06 02.5 0.0
T36A	Boggs Farm, Ca	73.69	339	P	P	05 06 03.0 +0.3
AMTX	Amarillo	73.69	333	P	P	05 06 03.6 +0.7
T35A	Sooner Cattle	73.75	338	P	P	05 06 03.8 +0.7
V31A	Spring Creek L	73.81	335	P	P	05 06 04.6 +1.0
R40A	Maddies Station	73.82	342	P	P	05 06 03.6 +0.2
S37A	Fort Scott	74.02	340	P	P	05 06 04.7 +0.1
T34A	McClaskey Farm	74.06	338	P	P	05 06 05.6 +0.7
U32A	Winter Ranch,	74.07	336	P	P	05 06 05.7 +0.7
N54A	Moraine State	74.12	352	P	P	05 06 05.6 +0.4
R38A	Fenwick Farm,	74.16	341	P	P	05 06 05.4 -0.1
121A	Cookes Peak, D	74.17	328	P	P	05 06 07.8 +1.9
U31A	Nine Bar Ranch	74.35	336	P	P	05 06 07.1 +0.4
S35A	Otter Creek Ra	74.39	339	P	P	05 06 07.2 +0.4
Q40A	Laux Farm, Aux	74.43	342	P	P	05 06 07.0 0.0
T33A	Patterson Ranch	74.45	337	P	P	05 06 08.0 +0.8
M54A	Oil Creek Stat	74.63	353	P	P	05 06 08.3 +0.2
Q39A	Willow Grove F	74.71	342	P	P	05 06 08.7 +0.1
U30A	WK&E Inc. Balk	74.78	335	P	P	05 06 09.4 +0.3
Q40A	Cooks Store, C	74.81	341	P	P	05 06 09.2 +0.1
P38A	Paris	74.93	343	P	P	05 06 10.0 +0.2
Q37A	Longview Farm,	74.95	341	P	P	05 06 10.1 +0.1
P39A	Sallisbunty	75.07	342	P	P	05 06 10.5 -0.2
R34A	Isabella, Hill	75.25	338	P	P	05 06 12.0 +0.3
HDIL	Hopedale	75.27	345	P	P	05 06 11.6 -0.1
TUC	Tucson	75.38	325	P	P	05 06 14.0 +1.3
P38A	Dawn	75.40	342	P	P	05 06 12.4 -0.2
O40A	La Belle	75.45	343	P	P	05 06 13.1 +0.3
P37A	Lathrop	75.59	341	P	P	05 06 13.3 -0.3
ANMO	Albuquerque	75.65	330	P	P	05 06 15.8 +1.5
Q39A	Kirksville	75.74	343	P	P	05 06 15.0 +0.5
KSU1	Kansas State U	75.79	339	P	P	05 06 15.0 +0.2
R32A	Long Quarter,	75.82	337	P	P	05 06 15.2 +0.2
O38A	Galt	75.86	342	P	P	05 06 15.4 +0.3
P36A	Good Intent, A	75.86	340	P	P	05 06 14.9 -0.3
S29A	Ulysses	75.92	335	P	P	05 06 16.5 +0.9
R31A	Burdett	75.97	337	P	P	05 06 17.0 +1.0
P37A	Duane Minner,	76.01	340	P	P	05 06 16.5 +0.4
O35A	Wolfen Farm, M	76.08	341	P	P	05 06 16.9 +0.6
214A	Organ Pipe Nat	76.08	324	P	P	05 06 18.4 +1.7
S28A	Wanter	76.17	335	P	P	05 06 18.5 +1.4

P34A	Walnut Farm, R	76.26	339	P	P	05 06 17.7 +0.2
O36A	Bolckow	76.27	341	P	P	05 06 17.0 -0.4
Q32A	Melittie Ranch,	76.29	338	P	P	05 06 18.5 +0.8
N39A	Derby Farms, D	76.32	343	P	P	05 06 17.5 -0.2
N38A	Joess South Fo	76.42	342	P	P	05 06 18.4 0.0
CBKS	Cedar Bluff	76.52	337	P	P	05 06 20.4 +1.4
Q31A	Ellis	76.58	337	P	P	05 06 20.6 +1.3
T25A	Trinidad	76.71	333	P	P	05 06 22.2 +1.8
R28A	Trinidad	76.71	333	eP	P	05 06 21.4 +1.1
T25A	Tribune	76.81	335	P	P	05 06 21.4 +0.7
O34A	Beatrice	76.81	339	P	P	05 06 21.0 +0.4
Q30A	Quinter	76.83	336	P	P	05 06 21.5 +0.8
N36A	Muff Farm, Cla	76.90	341	P	P	05 06 21.6 +0.6
O33A	Hebron	76.98	339	P	P	05 06 22.1 +0.6
M38A	Pleasantville	77.00	342	P	P	05 06 22.0 +0.4
P31A	Stockton	77.04	337	P	P	05 06 22.8 +0.9
N35A	Tabor	77.14	340	P	P	05 06 22.7 +0.3
M37A	Trindie Farm,	77.21	342	P	P	05 06 23.3 +0.6
W18A	Petrified Fore	77.22	328	P	P	05 06 23.7 +0.5
N34A	Lincoln	77.36	340	P	P	05 06 24.0 +0.4
O32A	Broman Farm,	77.36	338	P	P	05 06 24.1 +0.4
X16A	Lo Mia Camp, P	77.42	326	eP	P	05 06 25.5 +1.1
M36A	Felix, Anita	77.45	341	P	P	05 06 24.6 +0.4
N33A	J Bar K, Exete	77.55	339	P	P	05 06 25.7 +1.1
O31A	Woolen Ranch,	77.59	338	P	P	05 06 26.1 +1.2
SDCO	Great Sand Dun	77.67	332	P	P	05 06 27.2 +1.4
SDCO	Great Sand Dun	77.67	332	eP	P	05 06 25.4 -0.4
Y14A	Wickenburg	77.78	325	eP	P	05 06 26.9 +0.7
O30A	MW Ranch, Wils	77.86	337	P	P	05 06 27.2 +0.8
P28A	Salt Francis	77.89	336	P	P	05 06 28.2 +1.5
N31A	Bailey Ranch,	78.08	338	P	P	05 06 28.9 +1.2
S22A	4UR Ranch, Cre	78.20	331	P	P	05 06 30.1 +1.4
BGNE	Belgrade	78.37	339	P	P	05 06 29.8 +0.6
SWSC	Sam W. Stewart	78.39	322	P	P	05 06 31.0 +1.5
MVCO	Mesa Verde	78.44	330	P	P	05 06 31.3 +1.3
MVCO	Mesa Verde	78.44	330	eP	P	05 06 29.3 -0.7
M31A	Lambrecht Ranc	78.57	338	P	P	05 06 31.6 +1.3
Q24A	Divide	78.59	333	P	P	05 06 32.0 +1.1
N29A	Votaw Ranch, W	78.62	337	P	P	05 06 32.4 +1.8
PDMCI	Parker Dam, Lak	78.63	324	P	P	05 06 32.8 +2.0
MONPN	Monument Peak	78.67	322	P	P	05 06 33.2 +1.9
BC3	Big Chuckawall	78.77	323	P	P	05 06 33.8 +2.1
K34A	Le Mars	78.95	341	P	P	05 06 34.2 +1.8
IRM	Iron Mountain	79.01	323	P	P	05 06 34.9 +2.0
K33A	Harding	79.13	340	P	P	05 06 34.3 +0.9
M29A	Burnside Ranch	79.20	337	P	P	05 06 35.0 +1.1
OGNE	Ogallala	79.20	336	P	P	05 06 34.9 +1.0
PFO	Pinyon Flats O	79.25	322	P	P	05 06 36.3 +2.0
I38A	Scanlan Farm,	79.27	344	P	P	05 06 34.5 +0.5
L31A	Butterfield Fa	79.28	339	P	P	05 06 35.5 +1.3
BELC	Belle Mtn. Jos	79.32	323	P	P	05 06 36.6 +1.8
MURC	Murrieta	79.62	322	P	P	05 06 37.7 +1.5
K31A	O'Neill	79.66	339	P	P	05 06 37.5 +1.3
GMRC	Granite Mounta	79.77	323	P	P	05 06 39.0 +1.8
K30A	Basset	79.97	338	P	P	05 06 39.0 +1.0
ECSD	EROS Data Cent	80.07	341	P	P	05 06 39.9 +0.5
ECSD	EROS Data Cent	80.07	341	eP	P	05 06 38.2 -0.2
J32A	Parkston	80.08	340	P	P	05 06 39.1 +0.7
BFSC	Mount Baldy Ra	80.36	322	P	P	05 06 42.3 +2.0
TUQ	Turquoise Moun	80.42	324	P	P	05 06 42.6 +2.0
H35A	Sunnyside Ranc	80.49	342	P	P	05 06 40.8 +0.2
SPMN	Marine on St.	80.50	344	P	P	05 06 40.5 -0.1
J30A	Dallas	80.53	339	P	P	05 06 41.4 +0.5
K28A	Ten Mile Ranch	80.56	337	P	P	05 06 42.9 +1.7
N23A	Red Feather La	80.57	333	P	P	05 06 43.0 +1.5
GSC	Goldstone, Bar	80.75	323	P	P	05 06 43.8 +1.4
O20A	White River Ci	80.81	331	P	P	05 06 44.2 +1.5
J29A	Okreek	80.86	338	P	P	05 06 43.9 +1.3
CCUT	Cedar City	80.88	327	eP	P	05 06 43.3 +0.2
Q16A	Castle Valley	81.02	329	eP	P	05 06 45.6 +1.8
EDW2	Edwards Air Fo	81.03	322	P	P	05 06 45.1 +1.3
I30A	Oacoma	81.04	339	P	P	05 06 44.1 +0.5
SCZ2	Santa Cruz Isl	81.22	320	P	P	05 06 46.6 +1.0
J27A	Elkhorn Farm,	81.25	337	P	P	05 06 46.7 +1.8
F36A	Milila	81.26	344	P	P	05 06 44.6 -0.1
I28A	Midland	81.66	338	P	P	05 06 47.9 +1.0
J26A	Sides Ranch, S	81.66	333	P	P	05 06 48.8 +1.7
MPMC	Manual Prospec	81.69	323	P	P	05 06 48.8 +1.4
FURC	Furnace Creek,	81.70	324	P	P	05 06 48.5 +1.3
TPNV	Topopah Spring	81.77	324	P	P	05 06 49.3 +1.5
D36A	McGregor	81.82	344	P	P	05 06 47.7 +0.1
E3AC	Carving (Calif)	81.91	323	eP	P	05 06 50.5 +1.9
H29A	Onida	81.92	339	P	P	05 06 49.3 +1.0
I27A	Onida	82.00	337	P	P	05 06 49.4 +0.8

MPU	Maple Canyon	82.12	329	eP	P	05 06 50.0 +0.4
H28A	Mission Ridge	82.22	338	P	P	05 06 50.6 +0.8
I26A	New Underwood	82.23	337	P	P	05 06 51.0 +1.1
K22A	Casper	82.30	334	P	P	05 06 51.7 +1.3
VES	Vestal, Richgr	82.34	332	P	P	05 06 52.7 +2.1
GRAC	Grapevine Rang	82.36	324	P	P	05 06 52.7 +1.9
TOAO	Torodi Ar. Sit	82.41	69	eP	P	05 06 50.2 -1.2
TORD	Torodi Ar. Bea	82.41	69	P	P	05 06 51.6 +0.2
I25A	Richford	82.51	336	P	P	05 06 52.6 +1.1
H27A	Hoves	82.51	338	P	P	05 06 52.2 +0.9
C38A	Sawbill Land.	82.53	346	P	P	05 06 51.7 +0.5</

Table with 5 columns: STA, Gaotai, 169.69, 49, ePKP, PKPdf, 05 14 31.0, -4.8

ISCJB 14 04:56:51.8, 0.7, 36:67S:0.05:73:41W:0.07, h27km, mb3.8/8, Error ellipse: s-maj=8.4km s-min=7.7km az=11.7

GUC 14 04:56:52.0, 0.4, 36:61S:73:29W, h12km, ML4.6, NEIC 14 04:56:52.0, 36:61S:73:29W, h12km, ML4.6 (GUC), After GUC.

NEIC Felt [I]I] at Arauco, Chiguayante, Concepcion, Penco and Talcahuano. IDC 14 04:56:53.6, 1.1, 36:32S:72:97W, h22km, mb3.6/6, mb1.3/9.7, mb1mx3.8/2.1, mbtmp3.8/7, ML4.3/1, Error ellipse: s-maj=37.5km s-min=23.6km az=62.0

ISC 14 04:56:52.8, 0.7, 36:57S:0.05:73:37W:0.08, h27km, n16, r174/22, mb3.7/5, 1D, Near coast of central Chile

Table with 10 columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, h, m, s, ISC, Time, Res

ISCJB 14 05:10:46.6, 0.4, 50:23N:0.03:18:69E:0.02, h0km, Error ellipse: s-maj=4.3km s-min=1.9km az=8.7

IPEC 14 05:10:46.6, 0.3, 50:23N:0.03:18:69E:0.02, h2km, ML2.3/3, Error ellipse: s-maj=9.4km s-min=1.1km az=160.0

CSEM 14 05:10:48.0, 0.3, 50:24N:18:71E, h2km, ML3.2/12, Error ellipse: s-maj=9.2km s-min=3.8km az=10.0

IDC 14 05:10:50.7, 1.7, 50:31N:18:62E, h0km, mb1.3/8.2, mb1mx3.1/4.7, mbtmp3.8/2, ML2.7/3, Error ellipse: s-maj=34.3km s-min=10.4km az=132.0

VIE 14 05:10:52.0, 2.7, 49:70N:18:73E, h1km, mb2.1/4, mb2.5/4, Error ellipse: s-maj=4.5km s-min=2.2km az=106.0, Suspected Mining induced.

ISC 14 05:10:48.0, 0.7, 50:16N:0.03:18:78E:0.02, h0km, n60, r123/96, 8C-2D, Poland

Table with 10 columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, h, m, s, ISC, Time, Res

ISCJB 14 05:29:27.2, 0.4, 8:57S:0.04:118:37E:0.03, h144km, 4km, mb3.6/5, Error ellipse: s-maj=7.2km s-min=4.5km az=179.1

IDC 14 05:29:29.0, 5.4, 8:56S:118:41E, h140km, 48km, mb3.4/5, s-maj=89.4km s-min=14.4km az=62.0

DJA 14 05:29:29.0, 4.8, 8:56S:118:41E, h118km, 5km, M3.8/3, MLV3.8/3

ISC 14 05:29:27.9, 0.7, 8:56S:0.05:118:32E:0.03, h133km, 6km, n41, r187/49, mb3.8/5, Sumbawa region

Table with 10 columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, h, m, s, ISC, Time, Res

Table with 10 columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, h, m, s, ISC, Time, Res

JMA 14 05:11:50.9, 0.2, 43:39N:147:42E, h48km, M3.7, SKHL 14 05:11:51.0, 0.7, 43:47N:147:55E, h60km, 5km, mb4.4/3, ISC 14 05:11:48.7, 2.5, 43:36N:147:50E:0.1, h45km, n16, r131/26, 2D, Kuril Islands

Table with 10 columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, h, m, s, ISC, Time, Res

JMA 14 05:28:18.7, 0.2, 31:88N:141:72E, h0km, M4.2, Southeast of Honshu

Table with 10 columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, h, m, s, ISC, Time, Res

ISCJB 14 05:29:27.0, 4.8, 8:57S:0.04:118:37E:0.03, h144km, 4km, mb3.6/5, Error ellipse: s-maj=7.2km s-min=4.5km az=179.1

IDC 14 05:29:29.0, 5.4, 8:56S:118:41E, h140km, 48km, mb3.4/5, s-maj=89.4km s-min=14.4km az=62.0

DJA 14 05:29:29.0, 4.8, 8:56S:118:41E, h118km, 5km, M3.8/3, MLV3.8/3

ISC 14 05:29:27.9, 0.7, 8:56S:0.05:118:32E:0.03, h133km, 6km, n41, r187/49, mb3.8/5, Sumbawa region

Table with 10 columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, h, m, s, ISC, Time, Res

Table with 10 columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, h, m, s, ISC, Time, Res

ISCJB 14 05:32:47.4, 0.6, 32:23N:0.04:115:24W:0.03, h25km, 4km, Error ellipse: s-maj=6.4km s-min=4.1km az=180.0

ECX 14 05:32:48.0, 0.6, 32:22N:115:29W, h4km, MD3.2, ML3.4

ISC 14 05:32:47.1, 1.1, 32:23N:0.04:115:28W:0.03, h18km, 6km, n32, r097/45, 5C-12D, California-Baja California border region

Table with 10 columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, h, m, s, ISC, Time, Res

ISCJB 14 05:29:27.0, 4.8, 8:57S:0.04:118:37E:0.03, h144km, 4km, mb3.6/5, Error ellipse: s-maj=7.2km s-min=4.5km az=179.1

IDC 14 05:29:29.0, 5.4, 8:56S:118:41E, h140km, 48km, mb3.4/5, s-maj=89.4km s-min=14.4km az=62.0

DJA 14 05:29:29.0, 4.8, 8:56S:118:41E, h118km, 5km, M3.8/3, MLV3.8/3

ISC 14 05:29:27.9, 0.7, 8:56S:0.05:118:32E:0.03, h133km, 6km, n41, r187/49, mb3.8/5, Sumbawa region

Table with 10 columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, h, m, s, ISC, Time, Res

Table with columns: Code, Station Name, Az, El, P, Time, Res. Includes entries for Pinedale Array, DLMT Dillon, ILAR Eielson Array, etc.

IDC 14 06:08:01.1.1.1.0.351.04N:77.06E, h0km, mb3.6/6, mb1 3.7/9, mb1mx3.5/55, mbtmp3.6/9, ML3.1/3, Error ellipse: s-maj=35.8km s-min=26.4km az=150.0

ISCBJ 14 06:08:02.5.0.5.35.08N:0.057.73E:0.1, h21km, mb3.5/5, Error ellipse: s-maj=12.9km s-min=5.2km az=160.0

ISC 14 06:08:05.2.0.7.35.08N:0.057.73E:0.1, h21km, n17, r124/22, mb3.8/5, Eastern Kashmir

Table with columns: Code, Station Name, Az, El, P, Phase ID, Time, Res. Includes entries for SMLA Simla, AAK Ala-Archa, AAK Gorkha, etc.

IDC 14 06:10:23.1.0.6.1.84N:126.39E, h0km, mb4.2/11, mb1 4.3/12, mb1mx4.0/41, mbtmp4.2/12, ML4.0/1, Error ellipse: s-maj=44.5km s-min=14.1km az=73.0

ISCBJ 14 06:10:26.8.0.6.1.96N:0.05x.126.40E:0.04, h10km, mb4.2/12, Error ellipse: s-maj=8.1km s-min=5.0km az=20.5

DJA 14 06:10:30.0.0.5.2.4N:12.76E, h10km, M5.1/2, mb5.1/2, ISC 14 06:10:39.0.5.1.82N:120.104E:0.04, h10km, n39, r27/37, mb4.3/12, Northern Molucca Sea

Table with columns: Code, Station Name, Az, El, P, Phase ID, Time, Res. Includes entries for GAMI Galela, TINTI Ternate, SANGI Sangihe, etc.

Table with columns: Code, Station Name, Az, El, P, Phase ID, Time, Res. Includes entries for NLAI Davao City (W), APSI Ampaña, KRAI Karang Ratu, etc.

ISCJB 14 06:26:11.1.1.1.0.5N:102.17W:0.1, h10km, mb3.7/5, Error ellipse: s-maj=30.3km s-min=14.7km az=153.4

IDC 14 06:26:11.2.1.1.0.38N:161.98W, h0km, mb3.7/5, mb1 3.9/8, mb1mx3.7/38, mbtmp3.9/8, ML3.9/3, Error ellipse: s-maj=48.6km s-min=25.2km az=148.0

ISC 14 06:26:13.0.1.2.0.4N:102.17W:0.2, h10km, n16, r108/9, mb3.8/5, North of Ascension Island

Table with columns: Code, Station Name, Az, El, P, Phase ID, Time, Res. Includes entries for H10N2 ASCENSION HYDR, H10N3 ASCENSION HYDR, etc.

ISCBJ 14 06:53:48.1.0.9.37.60S:106.179W:45E:0.07, h29km, mb3.3/2, Error ellipse: s-maj=10.2km s-min=6.4km az=31.7

NEIC 14 06:53:48.4.37.49S:179.41E, h18km, ML4.0(WEL), After WEL

WEL 14 06:53:49.8.0.4.37.46S:179.36E, h33km, ML4.0/12, Error ellipse: s-maj=7.7km s-min=3.2km az=90.0

IDC 14 06:53:51.0.7.1.85S:33S:178.94E:0.0km, mb3.4/2, mb1 3.7/2, mb1mx3.6/2, mbtmp3.3/2, Error ellipse: s-maj=34.4km s-min=10.9km az=173.0

ISC 14 06:53:50.2.1.7.37.64S:108.179W:33E:0.09, h29km, n88, r090/89, 4C-3D, Off east coast of North Island

Table with columns: Code, Station Name, Az, El, P, Phase ID, Time, Res. Includes entries for WMGZ Waiomatatini S, WMGZ Waiomatatini S, MXZ Matakaoa Point, etc.

Table with columns: Code, Station Name, Az, El, P, Phase ID, Time, Res. Includes entries for MHGZ Mahia Peninsula, MHGZ Mahia Peninsula, KNZ Kokohu, etc.

ISC 14 06:54:06.5.0.7.37.65N:104.04E:36.57E:0.05, h8km, Error ellipse: s-maj=6.3km s-min=4.4km az=4.4

CSEM 14 06:54:06.8.0.9.37.43N:36.52E, h20km, MD2.4, Error ellipse: s-maj=48.5km s-min=24.2km az=166.0

ISK 14 06:54:06.6.37.50N:36.50E, h33km, MD2.4, ML2.0, DDA 14 06:54:09.4.37.60N:36.92E, h7km, MD2.6

ISC 14 06:54:05.5.0.9.37.67N:105.36E:36.57E:0.04, h8km, n11, r079/15, Turkey

Table with columns: Code, Station Name, Az, El, P, Phase ID, Time, Res. Includes entries for KMRS Kahramanmaras, KMRS Kahramanmaras, AYKD Aykinkavak, etc.

CSEM 14 06:59:29.4.38.39N:21.81E, h14km, ML2.0/3, ATH 14 06:59:29.4.38.39N:21.81E, h14km, 2KM, ML2.0/3, Error ellipse: s-maj=2.4km s-min=1.0km az=79.0, Analyst: A.FOKAEAS ML Amplitudes are expressed in micrometres All distances are expressed in km, Greece

Table with columns: Code, Station Name, Az, El, P, Phase ID, Time, Res. Includes entries for EFP Efpalio, EFP Efpalio, EFP Efpalio, etc.

Table with columns: DRO, Drossia, 0.44 190 P, Pg, 06 59 37.9 -0.3, etc.

CSEM 14 06:59:36.5, 38.38N-21.80E, h13km, ML2.9/4

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

IDC 14 07:01:21.3-8.3, 5.25N-95.10E, h0km, mb3.3/4, mb1 3.4/4

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

NNC 14 07:10:17.6-3.1, 36.39N-70.86E, h0km, mb3.7, mpv3.3

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

DJA 14 07:21:06.0-1.5, 6.5S-4.12E, h24km, mb3.9/10, mb4.6/3, MLV3.5/10, Sulawesi

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

ISCJB 14 07:26:53.9-0.3, 4.78N-10.04E, 119.34E-0.04, h10km

IDC 14 07:26:53.0-0.5, 4.80N-11.99E, h0km, mb4.0/2.1

MAN 14 07:26:55.14, 86N-11.92E, h11km, mb5.0, ML3.9, MS4.0

NEIC 14 07:26:58.0-0.3, 4.76N-11.91E, h35km, mb4.7/1.1, Error ellipse: s-maj=17.3km s-min=7.7km az=70.0

ISC 14 07:26:55.1-0.4, 4.83N-10.04E, 119.44E-0.05, h10km, n61, alpha174/62, mb4.3/32, MS4.3/4, 3C-3D, Luzon

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

Table with columns: FITZ, Fitzroy Crossi, 33.29 169 P, P, 07 33 32.4 -0.6, etc.

IDC 14 07:30:19.6-0.7, 22.53S-175.87W, h0km, mb4.4/1.4

ISCJB 14 07:30:23.0-0.7, 22.55S-175.90W, 0.1, h35km, mb4.3/1.7

NEIC 14 07:30:24.6-0.4, 22.55S-175.80W, h35km, mb4.5/5, Error ellipse: s-maj=14.3km s-min=7.9km az=130.0

ISC 14 07:30:25.1-0.6, 22.46S-109.176W, 0.1, h35km, n35, alpha126/36, mb4.4/17, Tonga Islands region

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

IDC 14 07:30:19.6-0.7, 22.53S-175.87W, h0km, mb4.4/1.4

ISCJB 14 07:30:23.0-0.7, 22.55S-175.90W, 0.1, h35km, mb4.3/1.7

NEIC 14 07:30:24.6-0.4, 22.55S-175.80W, h35km, mb4.5/5, Error ellipse: s-maj=14.3km s-min=7.9km az=130.0

ISC 14 07:30:25.1-0.6, 22.46S-109.176W, 0.1, h35km, n35, alpha126/36, mb4.4/17, Tonga Islands region

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

Table with columns: AKAS, Malin Array Be, 145.64 331 PKPbc, PKPdf, 07 49 59.1 -0.4, etc.

IDC 14 07:30:29.2-0.9, 38.06N-70.44E, h0km, mb3.9/1.1

ISCJB 14 07:35:30.1-0.5, 38.25N-0.05E, 70.39E-0.05, h10km, mb3.8/17, Error ellipse: s-maj=7.6km s-min=5.4km az=153.1

MOS 14 07:35:32.5-1.8, 38.29N-70.56E, h20km, mb4.4/5, Error ellipse: s-maj=12.6km s-min=6.1km az=82.0

BUJ 14 07:35:32.1, 38.95N-70.17E, h23km, mb4.1/4, ML3.5/3

NEIC 14 07:35:36.4-2.3, 38.38N-70.33E, h46km, 18km, mb4.3/1, Error ellipse: s-maj=22.9km s-min=10.9km az=192.0

ISC 14 07:35:31.4-0.8, 38.19N-0.07E, 70.35E-0.05, h10km, n67, alpha187/66, mb3.9/17, 15E-9D, Afghanistan-Tajikistan border region

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

JAN	Janina	1.37 127	AML	AML	09 18 29.0	STON	STON	09 18 56.3 -2.2	BZS	Buzias	5.37 17	ePn	Pn	09 19 02.6 -0.1	
JAN	Janina	1.37 127	P	Pb	09 18 08.4 +0.1	KNT	Kendrikon	2.72 74	Pn	GZR	Gura Zlata	5.49 25	fl/P	Pn	09 19 01.1 +2.0
JAN	Janina	1.37 127	S	Sg	09 18 27.0 -0.1	KNT	Kendrikon	2.72 74	Pn	ANKY	Antikythira Is	5.53 145	P	Pn	09 19 04.9 +0.3
JAN	Janina	1.37 127	S	Sg	09 18 08.4 +0.1	KNT	Kendrikon	2.72 74	Pn	ANKY	Antikythira Is	5.53 145	P	Pn	09 19 05.5 +0.9
JAN	Janina	1.37 127	S	Sg	09 18 08.4 +0.1	AMS	Arazos	2.74 141	Pn	ANKY	Antikythira Is	5.53 145	P	Pn	09 19 05.5 +0.9
JAN	Ulcinj	1.48 355	S	Pb	09 18 27.0 -0.1	AMS	Arazos	2.74 141	Pn	PKSM	Moragy	5.75 355	fl/P	Pn	09 19 11.9 +4.2
ULC	Ulcinj	1.48 355	eSg	Sg	09 18 10.2 +0.0	UPM	Unac-Piva	2.74 352	ePn	PKSM	Moragy	5.75 355	fl/P	Pn	09 19 09.9 +2.2
ULC	Ulcinj	1.48 355	eSg	Sg	09 18 10.2 +0.0	UPM	Unac-Piva	2.74 352	ePn	BOJS	Bojanci	5.88 330	i/Pn	Pn	09 19 11.8 +2.3
ULC	Ulcinj	1.48 355	eSg	Sg	09 18 10.7 +0.5	UPM	Unac-Piva	2.74 352	ePn	BOJS	Bojanci	5.88 330	i/Pn	Pn	09 19 11.8 +2.4
FNA	Florina	1.51 78	P	Sb	09 18 32.2 +1.4	HOR	Hortiatias	2.80 87	ePn	BOJS	Bojanci	5.88 330	i/Pn	Pn	09 19 11.8 +2.4
FNA	Florina	1.51 78	P	Sb	09 18 10.7 +0.5	HOR	Hortiatias	2.80 87	P	SIRR	Siria	6.00 15	fl/P	Pn	09 19 14.5 +3.3
FNA	Florina	1.51 78	P	Sb	09 18 32.2 +1.4	HOR	Hortiatias	2.80 87	P	CRES	Cresnje	6.02 333	ePn	Pn	09 19 13.5 +1.3
FNA	Florina	1.51 78	P	Sb	09 18 09.9 +0.5	HOR	Hortiatias	2.80 87	P	VISS	Vresnje	6.29 329	i/Pn	Pn	09 19 16.5 +1.5
FNA	Florina	1.51 78	P	Sb	09 18 30.0 +0.4	HOR	Hortiatias	2.80 87	P	VISS	Visnje	6.29 329	i/Pn	Pn	09 20 27.0 +0.4
FNA	Florina	1.51 78	P	Sb	09 18 33.6	SJES	Sjenica	2.80 8	ePn	VISS	Visnje	6.29 329	i/Pn	Pn	09 19 16.5 +1.4
FNA	Florina	1.51 78	P	Sb	09 18 34.3	SJES	Sjenica	2.80 8	ePn	VISS	Visnje	6.29 329	i/Pn	Pn	09 20 27.0 +0.4
FNA	Florina	1.51 78	P	Sb	09 18 10.0 +0.5	PJELJ	Pjeljiva	2.84 359	fl/Pn	CEY	Cerknica	6.40 327	ePn	Pn	09 19 18.1 +1.4
FNA	Florina	1.51 78	P	Sb	09 18 10.0 +0.5	PJELJ	Pjeljiva	2.84 359	fl/Pn	JAVS	Javornik	6.68 326	i/Pn	Pn	09 19 21.4 +0.8
FNA	Florina	1.51 78	P	Sb	09 18 29.9 +0.2	PJELJ	Pjeljiva	2.84 359	fl/Pn	JAVS	Javornik	6.68 326	i/Pn	Pn	09 19 21.4 +0.8
FNA	Florina	1.51 78	P	Sb	09 18 10.0 +0.5	SERG	Sergoula	2.90 135	P	JAVS	Javornik	6.68 326	i/Pn	Pn	09 19 21.4 +0.9
FNA	Florina	1.51 78	P	Sb	09 18 29.9 +0.2	SERG	Sergoula	2.90 135	P	JAVS	Javornik	6.68 326	i/Pn	Pn	09 19 21.4 +0.9
FNA	Florina	1.51 78	P	Sb	09 18 10.0 +0.5	FYTO	Fytoko, Volos	2.90 111	P	IDI	Anoia	6.75 139	fl/P	Pn	09 19 23.6 -0.5
FNA	Florina	1.51 78	P	Sb	09 18 29.9 +0.2	FYTO	Fytoko, Volos	2.90 111	P	PERS	Pernice	6.90 334	i/Pn	Pn	09 19 24.6 +1.1
MEV	Metsovon	1.55 116	P	Sb	09 18 11.1 -0.3	FYTO	Fytoko, Volos	2.90 111	P	PERS	Pernice	6.90 334	i/Pn	Pn	09 19 24.6 +1.1
MEV	Metsovon	1.55 116	P	Sb	09 18 11.1 -0.3	FYTO	Fytoko, Volos	2.90 111	P	PERS	Pernice	6.90 334	i/Pn	Pn	09 19 24.6 +1.1
MEV	Metsovon	1.55 116	P	Sb	09 18 11.1 -0.3	FYTO	Fytoko, Volos	2.90 111	P	PERS	Pernice	6.90 334	i/Pn	Pn	09 19 24.6 +1.1
TARI	Taranto	1.64 272	ePn	Pb	09 18 12.7 -0.1	MIS	Monte Sant'Ang	2.91 296	ePn	MLR	Mantele Rosu	6.92 42	fl/P	Pn	09 19 25.3 +0.9
DRME	Dracevica, Mon	1.71 354	fl/Pn	Pb	09 18 13.8 -0.3	BARS	Barje	2.94 37	ePn	SOKA	Soboth	6.96 334	P	Pn	09 19 23.5 +0.9
DRME	Dracevica, Mon	1.71 354	fl/Pn	Pb	09 18 13.8 -0.3	BARS	Barje	2.94 37	ePn	ISR	Istrita	6.98 46	fl/P	Pn	09 19 26.4 +1.7
DRME	Dracevica, Mon	1.71 354	fl/Pn	Pb	09 18 13.8 -0.3	KALE	Kalitheia	2.96 134	P	OBKA	Obir	6.99 331	Pn	Pn	09 19 26.2 +1.4
DRME	Dracevica, Mon	1.71 354	fl/Pn	Pb	09 18 13.8 -0.3	KALE	Kalitheia	2.96 134	P	OBKA	Obir	6.99 331	Pn	Pn	09 19 26.2 +1.4
KZN	Kozani	1.80 95	P	Sb	09 18 14.6 -1.0	KALE	Kalitheia	2.96 134	P	OBKA	Obir	6.99 331	Pn	Pn	09 19 26.2 +1.4
KZN	Kozani	1.80 95	P	Sb	09 18 17.3 -0.2	LAKA	Lakka	2.99 138	P	LAST	Lasthi	7.15 136	fl/P	Pn	09 19 26.3 -0.7
KZN	Kozani	1.80 95	P	Sb	09 18 14.6 -1.0	LAKA	Lakka	2.99 138	P	PLOR	Plostina	7.52 42	fl/Pn	Pn	09 19 33.5 +1.5
KZN	Kozani	1.80 95	P	Sb	09 18 17.3 -0.2	LAKA	Lakka	2.99 138	P	VRI	Vrhociaia	7.57 42	fl/Pn	Pn	09 19 34.8 +2.1
KZN	Kozani	1.80 95	P	Sb	09 18 17.3 -0.2	SOH	Sokhos	3.00 82	P	VYHS	Vyhnie	8.02 357	ePn	Pn	09 19 47.2 +8.4
KZN	Kozani	1.80 95	P	Sb	09 18 17.3 -0.2	SOH	Sokhos	3.00 82	P	BRUR	Bucovina Array	8.25 28	fl/P	Pn	09 19 44.9 +2.8
BUM	Brajci-Budva	1.86 348	fl/Pn	Pb	09 18 16.3 -0.3	SOH	Sokhos	3.00 82	P	CVS	Cervencia-Dubn	8.54 9	ePn	Pn	09 19 55.0 +9.0
BUM	Brajci-Budva	1.86 348	fl/Pn	Pb	09 18 16.3 -0.3	SOH	Sokhos	3.00 82	P	CVS	Cervencia-Dubn	8.54 9	ePn	Pn	09 19 55.0 +9.0
BUM	Brajci-Budva	1.86 348	fl/Pn	Pb	09 18 16.3 -0.3	SELG	Selova	3.01 24	ePn	MOTA	Moosalm	9.11 322	Pn	Pn	09 19 55.4 +1.4
BUM	Brajci-Budva	1.86 348	fl/Pn	Pb	09 18 16.3 -0.3	SELG	Selova	3.01 24	ePn	GERES	GERESS Array B	9.30 336	Pn	Pn	09 19 57.5 +1.0
BUM	Brajci-Budva	1.86 348	fl/Pn	Pb	09 18 16.3 -0.3	PLG	Polygyros	3.07 91	P	GERES	GERESS Array B	9.30 336	Pn	Pn	09 19 57.5 +1.0
BUM	Brajci-Budva	1.86 348	fl/Pn	Pb	09 18 16.3 -0.3	PLG	Polygyros	3.07 91	P	GERES	GERESS Array B	9.30 336	Pn	Pn	09 19 57.5 +1.0
BUM	Brajci-Budva	1.86 348	fl/Pn	Pb	09 18 16.3 -0.3	PLG	Polygyros	3.07 91	P	GERES	GERESS Array B	9.30 336	Pn	Pn	09 19 57.5 +1.0
DSL	Palaion Diasel	1.86 136	P	Sb	09 18 15.1 +0.8	PLG	Polygyros	3.07 91	P	GERES	GERESS Array B	9.30 336	Pn	Pn	09 19 57.5 +1.0
DSL	Palaion Diasel	1.86 136	P	Sb	09 18 15.1 +0.8	PLG	Polygyros	3.07 91	P	GERES	GERESS Array B	9.30 336	Pn	Pn	09 19 57.5 +1.0
DSL	Palaion Diasel	1.86 136	P	Sb	09 18 39.7 -0.1	PLG	Polygyros	3.07 91	P	GERES	GERESS Array B	9.30 336	Pn	Pn	09 19 57.5 +1.0
DSL	Palaion Diasel	1.86 136	P	Sb	09 18 15.1 +0.8	PLG	Polygyros	3.07 91	P	GERES	GERESS Array B	9.30 336	Pn	Pn	09 19 57.5 +1.0
DSL	Palaion Diasel	1.86 136	P	Sb	09 18 39.7 -0.1	PLG	Polygyros	3.07 91	P	GERES	GERESS Array B	9.30 336	Pn	Pn	09 19 57.5 +1.0
DSL	Palaion Diasel	1.86 136	P	Sb	09 18 15.1 +0.8	PLG	Polygyros	3.07 91	P	GERES	GERESS Array B	9.30 336	Pn	Pn	09 19 57.5 +1.0
DSL	Palaion Diasel	1.86 136	P	Sb	09 18 39.7 -0.1	PLG	Polygyros	3.07 91	P	GERES	GERESS Array B	9.30 336	Pn	Pn	09 19 57.5 +1.0
DSL	Palaion Diasel	1.86 136	P	Sb	09 18 15.1 +0.8	PLG	Polygyros	3.07 91	P	GERES	GERESS Array B	9.30 336	Pn	Pn	09 19 57.5 +1.0
DSL	Palaion Diasel	1.86 136	P	Sb	09 18 39.7 -0.1	PLG	Polygyros	3.07 91	P	GERES	GERESS Array B	9.30 336	Pn	Pn	09 19 57.5 +1.0
DSL	Palaion Diasel	1.86 136	P	Sb	09 18 15.1 +0.8	PLG	Polygyros	3.07 91	P	GERES	GERESS Array B	9.30 336	Pn	Pn	09 19 57.5 +1.0
DSL	Palaion Diasel	1.86 136	P	Sb	09 18 39.7 -0.1	PLG	Polygyros	3.07 91	P	GERES	GERESS Array B	9.30 336	Pn	Pn	09 19 57.5 +1.0
DSL	Palaion Diasel	1.86 136	P	Sb	09 18 15.1 +0.8	PLG	Polygyros	3.07 91	P	GERES	GERESS Array B	9.30 336	Pn	Pn	09 19 57.5 +1.0
DSL	Palaion Diasel	1.86 136	P	Sb	09 18 39.7 -0.1	PLG	Polygyros	3.07 91	P	GERES	GERESS Array B	9.30 336	Pn	Pn	09 19 57.5 +1.0
DSL	Palaion Diasel	1.86 136	P	Sb	09 18 15.1 +0.8	PLG	Polygyros	3.07 91	P	GERES	GERESS Array B	9.30 336	Pn	Pn	09 19 57.5 +1.0
DSL	Palaion Diasel	1.86 136	P	Sb	09 18 39.7 -0.1	PLG	Polygyros	3.07 91	P	GERES	GERESS Array B	9.30 336	Pn	Pn	09 19 57.5 +1.0
DSL	Palaion Diasel	1.86 136	P	Sb	09 18 15.1 +0.8	PLG	Polygyros	3.07 91	P	GERES	GERESS Array B	9.30 336	Pn	Pn	09 19 57.5 +1.0
DSL	Palaion Diasel	1.86 136	P	Sb	09 18 39.7 -0.1	PLG	Polygyros	3.07 91	P	GERES	GERESS Array B	9.30 336	Pn	Pn	09 19 57.5 +1.0
DSL	Palaion Diasel	1.86 136	P	Sb	09 18 15.1 +0.8	PLG	Polygyros	3.07 91	P	GERES	GERESS Array B	9.30 336	Pn	Pn	09 19 57.5 +1.0
DSL	Palaion Diasel	1.86 136	P	Sb	09 18 39.7 -0.1	PLG	Polygyros	3.07 91	P	GERES	GERESS Array B	9.30 336	Pn	Pn	09 19 57.5 +1.0
DSL	Palaion Diasel	1.86 136	P	Sb	09 18 15.1 +0.8	PLG	Polygyros	3.07 91	P	GERES	GERESS Array B	9.30 336	Pn	Pn	09 19 57.5 +1.0
DSL	Palaion Diasel	1.86 136	P	Sb	09 18 39.7 -0.1	PLG	Polygyros	3.07 91	P	GERES	GERESS Array B	9.30 336	Pn	Pn	09 19 57.5 +1.0
DSL	Palaion Diasel	1.86 136	P	Sb	09 18 15.1 +0.8	PLG	Polygyros	3.07 91	P	GERES	GERESS Array B	9.30 336	Pn	Pn	09 19 57.5 +1.0
DSL	Palaion Diasel	1.86 136	P	Sb	09 18 39.7 -0.1	PLG	Polygyros	3.07 91	P	GERES	GERESS Array B	9.30 336	Pn	Pn	09 19 57.5 +1.0
DSL	Palaion Diasel	1.86 136	P	Sb	09 18 15.1 +0.8	PLG	Polygyros	3.07 91	P	GERES	GERESS Array B	9.30 336	Pn	Pn	09 19 57.5 +1.0
DSL	Palaion Diasel	1.86 136	P	Sb	09 18 39.7 -0.1	PLG	Polygyros	3.07 91	P	GERES	GERESS Array B	9.30 336	Pn	Pn	09 19 57.5 +1.0
DSL	Palaion Diasel	1.86 136	P	Sb	09 18 15.1 +0.8	PLG	Polygyros	3.07 91	P	GERES	GERESS Array B	9.30 336	Pn	Pn	09 19 57.5 +1.0
DSL	Palaion Diasel	1.86 136	P	Sb	09 18 39.7 -0.1	PLG	Polygyros	3.07 91	P	GERES	GERESS Array B	9.30 336	Pn	Pn	09 19 57.5 +1.0
DSL	Palaion Diasel	1.86 136	P	Sb	09 18 15.1 +0.8	PLG	Polygyros	3.07 91	P	GERES	GERESS Array B	9.30 336	Pn	Pn	09 19 57.5 +1.0
DSL	Palaion Diasel	1.86 136	P	Sb	09 18 39.7 -0.1	PLG	Polygyros	3.07 91	P	GERES	GERESS Array B	9.30 336	Pn	Pn	09 19 57.5 +1.0
DSL	Palaion Diasel	1.86 136	P	Sb	09 18 15.1 +0.8	PLG	Polygyros	3.07 91	P	GERES	GERESS Array B	9.30 336	Pn	Pn	09 19 57.5 +1.0
DSL	Palaion Diasel	1.86 136	P	Sb	09 18 39.7 -0.1	PLG	Polygyros	3.07 91	P	GERES	GERESS Array B	9.30 336	Pn	Pn	09 19 57.5 +1.0
DSL	Palaion Diasel	1.86 136	P	Sb	09 18 15.1 +0.8	PLG	Polygyros	3.07 91	P	GERES	GERESS Array B	9.30 336	Pn	Pn	09 19 57.5 +1.0
DSL	Palaion Diasel	1.86 136	P	Sb	09 18 39.7 -0.1	PLG	Polygyros	3.07 91	P	GERES	GERESS Array B	9.30 336	Pn	Pn	09 19 57.5 +1.0
DSL	Palaion Diasel	1.86 136	P	Sb	09 18 15.1 +0.8	PLG	Polygyros	3.07 91	P	GERES	GERESS Array B	9.30 336	Pn	Pn	09 19 57.5 +1.0
DSL	Palaion Diasel	1.86 136	P	Sb	09 18 39.7 -0.1	PLG	Polygyros	3.07 91	P						

14d 10h

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRDH Warideh, SLNF Slenfeh, BTCH Batrach, etc.

IDC 14 09:20:54.6-8.8,20'93S,67'99W,h148km,73km,mb3.2/1, mb1 3.1/2, mb1mx2.9/18, mbtmp3.5/2, Error ellipse: s-maj=114.6km s-min=78.6km az=88.0, Southern Bolivia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LPAZ La Paz, TORO Torodi Ar. Bea, MKAR Makanchi Array, etc.

IDC 14 09:24:56.4-1.4,26'97N,143'36E,h0km,mb3.4/3, mb1 3.7/4, mb1mx3.4/38, mbtmp3.4/4, ML3.7/1, Error ellipse: s-maj=47.8km s-min=29.1km az=88.0, Bonin Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MJAR Matsushiro Arr, WRA Warramunga Arr, MKAR Makanchi Array, YKA Yellowknife Arr, etc.

IDC 14 09:53:33.2-1.1, 18'67N,120'38E,h0km,mb3.5/5, mb1 3.8/5, mb1mx3.5/38, mbtmp3.5/5, MS4.1/1, Ms1 4.1/1, ms1mx2.9/36, Error ellipse: s-maj=56.8km s-min=22.3km az=74.0

IDC 14 09:53:35.3-0.9, 18'7N,0'1,119'9E,0'1,h24km,mb3.4/5, MS4.0/1, Error ellipse: s-maj=19.0km s-min=7.5km az=43.4

MAN 14 09:53:40, 18'54N,120'16E,h19km,mb4.4,ML3.2,MS3.1

ISC 14 09:53:36.7-1.0, 18.6N,0'1,120.0E,0'1,h24km,n12, r=133/14,mb3.4/5,2C,Philippine Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PIP Pasuquin, ABRA Dolores, CVP Callao Caves, WRA Warramunga Arr, MKAR Makanchi Array, etc.

TRN 14 09:57:20.4,14.04N,60.72W,h3km,MD3.5,M2.8(FDF), Windward Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MCLT Moule a Chique, MVM Montagne Vauci, ZAM Aeronautique, etc.

ISCJB 14 09:59:21.5-0.8, 64'75N,0'03,30'6E,0'1,h0km, Error ellipse: s-maj=8.3km s-min=3.3km az=11.9

IDC 14 09:59:21.4-3.0, 64'67N,31'45E,h0km,mb1 3.0/3, mb1mx2.9/41, mbtmp2.9/3, ML2.5/3, Error ellipse: s-maj=44.2km s-min=9.9km az=100.0

CSEM 14 09:59:22.9, 64'74N,30'75E,h0km,ML1.6, Mining explosion.

HEL 14 09:59:22.9, 64'74N,30'75E,h0km,ML1.6, Explosion

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KU6 Rieikki, MSF Maaselka, KJN Kajaani, etc.

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Main table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RNF Rovaniemi, SUM Sumiainen, TOR Tornio, etc.

GUC 14 10:21:19.3-0.4, 35'40S,73'45W,h20km,4km,ML1.5

ISCJB 14 10:21:21.9-0.2, 35'37S,0'03,73'15W,0'04,h10km, mb4.9/45,MS4.7/20, Error ellipse: s-maj=4.9km s-min=3.5km az=162.2

IDC 14 10:21:21.3-0.8, 35'36S,72'91W,h0km,mb4.3/9, mb1 4.3/12, mb1mx4.3/25, mbtmp4.2/12, ML4.0/3, MS4.6/22, Ms1 4.6/22, ms1mx4.5/30, Error ellipse: s-maj=29.0km s-min=3.5km az=68.0

BUI 14 10:21:26.5, 35'40S,73'10W,h10km,mb5.5/7, Ms7.5/6/7

NEIC 14 10:21:27.3-2.4, 35'32S,72'88W,h34km,16km,mb5.0/37, ML5.1(GUC), Error ellipse: s-maj=10.2km s-min=6.1km az=65.0

NEIC Felt [III] at Conception and Penco.

GCMT 14 10:21:27.3-0.3, 35'60S,73'41W,h15km,1km,MW5.2/83, Moment Tensor Solution. s36,c45; s83,c106; Duration: 1.0 Moment tensor: Scale 10^18Nm; Mr,4.52±.29;

Mw-0.25±.15; Mw-4.27±.20; Mo,0.81±.33; Mo-0.37±.12; Mo-6.55±.67; Best double couple: M7,93500*10^16; NP1: 6.175,00000; 873,00000; 1,85,00000; NP2: 6.13,00000; 8.18,00000; 1.07,00000; Principal axes: T 8.1070, Plg61.00000; Azm77.00000; N -0.3450; Plg5.00000; Azm177.00000; P -7.7630, Plg28.00000; Azm270.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 14 10:21:23.1-0.3, 35.425S,0'04,73'18W,0'05,h10km,n203, r1546/203,mb5.0/45,MS4.7/20,1D,Off coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like COCH Cobquecura, CCSP San Pedro de C, CCHI Chilean, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BDFB, OTAV Otavalo, CRUC Cruz, etc.

Table with columns: Code, Station Name, Az, Phase, Time, Res, h, m, s, ISC. Rows include TJIG, BAR, SPIG, etc.

IDC 14 11:43:48.9,0.6,9.92S; 113.91E, h0km, mb4.9/17, mb1 5.0/18, mb1mx4.9/25, mbtmp4.9/18, ML6.0/1, MS3.8/7, Ms1 3.8/7, ms1mx3.5/52, Error ellipse: s-maj=23.7km s-min=14.3km az=55.0

BUI 14 11:43:53.8, 10.10S; 113.80E, h53km, mb5.2/66, mb5.4/44, Ms4.9/26, Ms7 4.5/26

MOS 14 11:43:54.7,0.9,9.84S; 113.97E, h54km, mb5.3/33, Error ellipse: s-maj=13.9km s-min=6.6km az=106.5

ISCJB 14 11:43:54.3,0.5,10.21S; 113.04E, h13.76km, mb5.3/63, Error ellipse: s-maj=5.9km s-min=3.2km az=5.9

NEIC 14 11:43:55.5,0.8,10.06S; 113.80E, h48km, mb4.9/32, Error ellipse: s-maj=9.7km s-min=5.6km az=207.0

NEIC Felt [I] at Karangates, Felt [II] at Denpasar and [II] at Kuta, Bali. Also felt at Ubud.

DJA 14 11:43:56.8,0.2,10.52E; 111.44E, h55km, km3, Ms4.0/31, mb5.0/31, mb5.9/12, MLV5.5/27, Mw(mB)5.5/12

ISC 14 11:43:56.4,0.5,10.10S; 113.81E, h0.04, h59km, km3, h5km; p-P, n400, r168/392, mb5.0/93, MS4.1/12, 17C-9D

Main station list table with columns: Code, Station Name, Az, Phase, Time, Res, h, m, s, ISC. Includes stations like JAGI, BYJ, DNP, RTBI, etc.

Main station list table with columns: Code, Station Name, Az, Phase, Time, Res, h, m, s, ISC. Includes stations like KTGM, IPM, GSI, KULM, DAV, etc.

Main station list table with columns: Code, Station Name, Az, Phase, Time, Res, h, m, s, ISC. Includes stations like CD2, XAN, HDB, TAPN, LSA, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KSH Kashi, ZAK Zakamensk, HABR Khabarovsk, KBL Kabul, TLY Talaya, YSS Yuzh-Sakhalins, MOY Monday, KZA Kyzart, MK01 Makanchi Array, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like PETK Petrogavlovsk-Chkalovo, RAYN Ar Rayn, AB31 Akbulak array, ABKAR Akbulak array, SEY Seymchan, SVE Sverdiolovsk, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like 434A Burnet, S40A Lebanon, WHTX Lake Whitney, 534A Blanco, U39A Green Forest, T40A Mansfield, W38A Poteau, X38A Whitesboro, 136A Ennis, V39A Pettigrew, U40A Yellville, 236A Katherine and, Z37A Pogue Cattle C, 336A Riesel, SFIN Lafayette, 834A Tilden, X39A Fountain Ranch, 635A Leesville, 436A Wall Ranch, Ga, 934A Benavides, 237A Wazetta, Mont, 735A Kenedy, W40A Ferguson Farm, 040A Hebbrownville, 536A Bastrop, MIAR Mount Ida, MIAR Mount Ida, Y39A Locksburg, 138A Matatal Enter, 835A Beville, 337A Centerville, 636A Smothers Creek, 437A Phantom Ranch, OLIL Olney, 238A Jacksonville, 736A Circle Diamond, 035A Encino, Y40A Okolona, 338A Crockett, 035Z Hargill, BLO Bloomington, BLO Bloomington, 637A Eagle Lake, 140A Cam and Jess, 240A Hunter Patters, ACCO Alum Creek Sta, M54A Oil Creek Stat, BINY Binghamton, OXF OXF, OXF OXF, N59A State Game Lan, VBMS Vicksburg, BDFB Brasilia, KMCS Kings Mountain

GUC 14 11:52:14.9,-0.6,35.64S-73.38W, h38km, 12km, ML3.9, 1C-1D, Off coast of central Chile

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like COCH Cobquecura, CCSP San Pedro de C, CCSP, CCHI Chilean, CCHI, CCHI, CHPI Pichilemu, NICH Los Niches, NICH

IDC 14 12:03:54.8,-40.0,30.91S-175.11W, h0km, mb3.6/3, mb1 3.8/3, mb1mx3.7/30, mbtmp3.6/3, Error ellipse: s-maj=746.9km s-min=183.1km az=99.0, Kermadec Islands region

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

CSEM 14 12:05:24.7,-0.5,41.30N-37.76E, h5km, ML2.8, Error ellipse: s-maj=11.6km s-min=4.3km az=161.0 ISK 14 12:05:24.9, 41.25N-37.77E, h8km, ML2.8 DDA 14 12:05:27.1, 41.13N-37.65E, h7km, Md2.9 ISC 14 12:05:24.7, 1.3, 41.29N, 0.05, 37.74E, 0.03, h9km, 11km, n19, -0.939/34, Turkey

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ESPY Espiye-Giresun, ESPY Espiye-Giresun, ESPY Espiye-Giresun, RSDY Resadiye-TOKAT, RSDY Resadiye-TOKAT, ERBA Erbaa, ERBA Erbaa, ERBA Erbaa, CUZAR ZARA_SIVAS, CUZAR ZARA_SIVAS, CUZAR

14d 12h

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like GUMT, KTUT, CUKAN, BAYT, BOYT, CUSAR.

GUC 14 12:14:56.9,0.6,35.645S,72.95W,h55km,6km,ML4.0,2C, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like COCH, CCHI, CCSP, CCHP.

IDC 14 12:18:19.7,0.7,35.44S,73.05W,h0km,mb4.3/10, mb1.4/4.13,mb1mx4.3/23,mbtmp4.2/13,ML4.3/3,MS4.5/5, Ms1.4.5/5,ms1mx4.3/10,Error ellipse: s-maj=26.1km s-min=16.0km az=74.0

BUI 14 12:18:25.1,35.075S,72.51W,h10km,mb5.3/7,Ms5.4/3, Ms7.5/1.5

ISCJB 14 12:18:28.5,0.3,35.64S,0.06,71.96W,0.09,h35km, mb4.7/36,MS4.6/3,Error ellipse: s-maj=12.2km s-min=7.1km az=148.2

GCMT 14 12:18:30.3,0.3,35.65S,71.54W,h13km,1km,MW5.2/55, Moment Tensor Solution: s33,c43; s55,c64; Duration: 1s0 Moment tensor: Scale 10^19Nm; Mr-2.81±.28; Mw-1.74±.16; Mw0.45±.24; Mw0.379±.87; Mw0.16±.16; Mb-6.42±1.25; Best double couple: Mo.8.43700x10^16 NP1,30.331.00000°,67.9.00000°,λ-108.00000°. NP2: 0.211.00000°,62.1.00000°,λ-33.00000°. Principal axes: T 8.6890,Plg32.0000°,AzM76.0000°; N -0.5150,Plg17.0000°,AzM335.0000°; P -8.1840,Plg53.0000°. AzM221.0000°; nst21 refers to body waves, cutoff=40s. nst22 refers to surface waves, cutoff=50s.

NEIC 14 12:18:30.3,0.4,35.62S,72.00W,h35km,mb4.8/28 Error ellipse: s-maj=13.2km s-min=9.4km az=65.0

NEIC Felt (IV) at Cobquecura; (III) at Cauquenes, Chillan, Concepcion, Constitucion, Tempedrado, Hualpen, Quirihue, San Pedro de la Paz and Talcahuano; (II) at Curico, Linares and Talca. Also felt at Santiago.

ISC 14 12:18:30.1,0.5,35.59S,0.07,71.9W,0.1,h35km,n170, r=144/160,mb4.7/36,MS4.6/3,1C,Central Chile

Main table for station data with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, h, m, s, ISC. Lists numerous stations including PLCA, LCO, TRQA, PB01, CPUP, LPAZ, NNA, SPB, SAML, BDFB, OTAV, PTGA, SJAC, RUSC, RSDV, VNA3, SNA, RKT, VNA, SYO, TBI, PPT2, 436A, JCT, 433A, TX31, 333A, MAW, 233A, ABTX, X39A, Z33A.

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Main table for station data with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, h, m, s, ISC. Lists numerous stations including X36A, W37B, MNTX, U40A, V36A, W33A, X31A, U37A, W32A, MSTX, LIC, T38A, U35A, T3C, KIC, DBIC, DBIC, S38A, T35A, R40A, U30A, U40A, P40A, S32A, P39A, ANMO, ANMO, 214A, S30A, O39A, R31A, P36A, S28A, P35A, O37A, O32A, CBKS, T25A, T25A, R29A, R28A, R28A, BOSA, BOSA, SDCO, SDCO, S22A, S22A, MVCO, MVCO, BC3, Q24A, SMCO, L31A, K31A, K30A, ECSD, CCUT, K28A, Q16A, P18A, I30A, H33A, J27A, DAC, G33A, I28A, MPU, R11A, F33A, E35A, DUG, TOAD, TORO, BWO6, BWO6, PDAR, NVAR, F27A, E26A, C30A, B32A, D26A, B30A.

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Main table for station data with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, h, m, s, ISC. Lists numerous stations including D25A, RLMT, C26A, A30A, B28A, A29A, ORV, ULM, ULM, A27A, MCMT, A26A, DGMT, DGMT, LSZ, WRA, PSI, HYB, BRVK, BVAR, BVAR, KKAR, YAK, EKS2, AAK, AAK, KSH, KSH, KSH, ZALV, ZALV, MAZK, MK31, MKAR, MKAR, WMQ, WMQ, WMQ, WMQ, QIZ, QIZ, QIZ, CN2, SONM, BJI, CD2, HHC, HHC, HHC, HHC, PTGA, SDV, SNA, TXAR, LIC, TIC, KIC, DBIC, ANMO, PFO, BOSA, ECSD, ECSD, NVAR, TORO, SCHG, AKAS, ARVK, BVAR, BVAR, KKAR, MKAR, CMAR, SONM.

IDC 14 12:19:58.5,1.3,35.42S,73.10W,h0km,mb4.4/7, mb1.4/5.7,mb1mx4.3/20,mbtmp4.4/7,MS4.6/4,Ms1.4.6/4, ms1mx4.3/12,Error ellipse: s-maj=49.7km s-min=29.6km az=40.0

ISCJB 14 12:19:59.7,0.8,35.3S,0.2,73.1W,0.2,h17km,mb4.6/12, MS4.6/3,Error ellipse: s-maj=30.1km s-min=17.6km az=145.5

NEIC 14 12:20:03.0,0.6,35.30S,73.12W,h35km,mb4.6/3,Error ellipse: s-maj=25.3km s-min=14.1km az=63.0

ISC 14 12:20:01.2,0.9,35.3S,0.2,73.1W,0.2,h17km,n26, c=078/21,mb4.7/12,MS4.6/3,Off coast of central Chile

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, h, m, s, ISC. Lists numerous stations including LPAZ, PTGA, SDV, SNA, TXAR, LIC, TIC, KIC, DBIC, ANMO, PFO, BOSA, ECSD, ECSD, NVAR, TORO, SCHG, AKAS, ARVK, BVAR, BVAR, KKAR, MKAR, CMAR, SONM.

IDC 14 12:31:25.8,13.0,51.35N,174.92E,h0km,mb3.1/3,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like AVF, LPL, KBA, MOA, BGF, UPC, LDF, TCF, ORIF, FLN, MBDF, VIV, GRR, MFF, LASF.

IDC 14 12:51:58.71.3, 35.43S:73.01W, h0km, mb3.8/4, mb1 3.9/6, mb1mx3.8/26, mbtmp3.8/6, ML3.5/2, MS3.4/2, Ms1 3.4/2, ms1mx3.2/18, Error ellipse: s-maj=45.1km s-min=20.5km az=77.0

GUC 14 12:52:01.6.0.4, 35.69S:73.40W, h22km, 6km, ML3.7, ISC 14 12:52:00.3.0.9, 35.55S:075.7321W, 0.09, h17km, n14, r1501/17, mb4.0/4, 2C, Off coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like COCH, CCSP, CCHI, NICH, PLCA, CPUP, LPAZ, SIV, TXAR, DBIC, TORD, BVAR, ZALVO, ZALV, MKAR.

IDC 14 13:35:03.42.4, 24.23S:179.93E, h495km, 23km, mb3.3/6, mb1 3.7/7, mb1mx3.4/19, mbtmp4.2/7, Error ellipse: s-maj=43.6km s-min=18.3km az=155.0, ISCJB 14 13:35:06.2.1.0, 24.25S:179.9E, 0.2, h526km, mb3.8/6, Error ellipse: s-maj=65.3km s-min=16.7km az=160.1, ISC 14 13:35:06.2.1.0, 24.25S:179.9E, 0.2, h526km, n12, r1893/14, mb3.8/6, South of Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DZM, STKA, ASAR, ASAR, WRA, WRA, TXAR, ILAR, PDAR, ARCES, FINES, AKASE, BRTR, TORD.

JMA 14 13:41:50.8.0.1, 24.13N:122.58E, h57km, 4km, M2.5, ISCJB 14 13:41:51.6.0.4, 24.15N:122.62E, h43km, 10km, Error ellipse: s-maj=6.3km s-min=2.6km az=173.4, TAP 14 13:41:51.9, 24.17N:122.57E, h56km, 1km, ML3.3, C, ISC 14 13:41:52.1.2, 24.14N:122.62E, h45km, 17km, n39, r098/74, 1C-1D, Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like YJNG, YJNG, YJNG, TWC, TWC, ENA, TWD, HWA, IRIF, TWE, ENTT, HATJ, ESL, ESL, NNS, NNS, WHF, NSK, NSK, JKRS, JKRS, TWT, EHY, EHY, JIJ, JIJ, TWF1, TWF1, CHKT, CHKT, NNST, NNST, NNST, NNST, SMLT, SMLT, SMLT, TYC, TYC, YUS, YUS, YUS, TWQ1, TWQ1, TWQ1, ELDTW, ELDTW, ELDTW, ALS, ALS, ALS, CHNS, CHNS, CHNS, TWG, TWG, TWG, TJT, TJT, STYT, STYT, CHN4, CHN4, WTP, WTP, WTP, TWK, TWK, TWK, CHN1, CHN1, CHN1, SGST, SGST, SSS, SSS.

DJA 14 14:07:22.0.5, 8.5S:14.107E, h32km, 5km, M4.0/7, ML4.0/7, Jawa

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CISI, CISI, CNJI, CNJI, LEM, LEM, CMIJ, CMIJ, SKJI, SKJI, SCJI, SCJI, CCIJ, CCIJ, SBJI, SBJI, UGM, UGM, KASH, KASH, KWSI, KWSI, KLSI, KLSI, PWSI, PWSI, MDSI, MDSI.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like COCH, COCH, COCH, CCSP, CCSP, CCHI, CCHI, CCHI, PLCA, PLCA, PLCA, SIV, SIV, SIV, TXAR, TXAR, TXAR, DBIC, DBIC, DBIC, BOSB, BOSB, BOSB, TORD, TORD, TORD, ZALV, ZALV, ZALV, MKAR, MKAR, MKAR, SONM, SONM, SONM.

IDC 14 14:30:17.5.1.0, 11.78N:93.46E, h31km, 6km, mb3.5/5, mb1 3.6/5, mb1mx3.3/30, mbtmp3.7/5, Error ellipse: s-maj=35.0km s-min=17.6km az=56.0, Andaman Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H08S3, H08S2, H08S1, MKAR, MKAR, MKAR, MKAR, SONM, WRA, WRA, WRA, ASAR, ASAR, ASAR, ASAR, KMBO, KMBO.

IDC 14 14:48:39.8.1.4, 84.08N:110.10E, h0km, mb3.6/4, mb1 3.8/4, mb1mx3.3/48, mbtmp3.6/4, MS3.6/1, Ms1 3.6/1, r151mx1.9/36, Error ellipse: s-maj=44.5km s-min=27.4km az=159.0, North of Severnaya Zemlya

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ARCES, ARCES, ILAR, ILAR, ZALV, ZALV, MKAR, MKAR, TORD, TORD.

IDC 14 14:54:25.3.60.4, 56.48N:0.17W, h0km, Error ellipse: s-maj=339.7km s-min=211.8km az=110.0, North Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like I26DE, I43RU, I31KZ.

IDC 14 15:07:49.0.420.0, 54.68N:22.96E, h0km, Error ellipse: s-maj=158.0km s-min=125.8km az=53.0, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like I26DE, I43RU, I31KZ.

IDC 14 15:11:39.9.1.2, 9.24N:83.72W, h0km, mb3.9/5, mb1 4.1/5, mb1mx3.7/25, mbtmp3.9/5, Error ellipse: s-maj=76.3km s-min=24.8km az=71.0, Costa Rica

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ULM, PLCA, YKA, ILAR, TORD.

ISCJB 14 15:13:55.8.1.1, 37.67S:104.179E, h0.06, h30km, 6km, mb3.3/2, MS3.8/1, Error ellipse: s-maj=9.2km s-min=6.6km az=145.6, IDC 14 15:13:55.2.6.0, 34.03S:179.57E, h0km, mb3.5/2, mb1 3.8/2, mb1mx3.6/22, mbtmp3.5/2, MS3.8/1, Ms1 3.8/1, ms1mx3.1/11, Error ellipse: s-maj=295.9km s-min=53.0km az=169.0, NEIC 14 15:13:58.6, 37.54S:179.35E, h21km, ML4.1, (WEL), After WEL, WEL 14 15:13:58.5.0.3, 37.49S:179.41E, h30km, ML4.1/30, Error ellipse: s-maj=2.2km s-min=2.3km az=0.0, ISC 14 15:13:55.6.2.0, 37.62S:179.59E, h10.0, h30km, 13km, n175, r1945/177, 6C-6D, Off east coast of North Island

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

Table with columns: Station Name, Frequency, Band, Mode, and other parameters. Includes stations like WMGZ, MXZ, WAZ, etc.

Table with columns: Station Name, Frequency, Band, Mode, and other parameters. Includes stations like RWAZ, WAZ, WAZ, etc.

Table with columns: Station Name, Frequency, Band, Mode, and other parameters. Includes stations like DZM, AFI, URZ, etc.

CSEM 14 15:14:59.9.0.2, 40.77N:34.84E, h2km, MD3.0, Error ellipse: s-maj=3.8km s-min=3.1km az=121.0

ISC 14 15:14:59.9.1.1, 40.78N:0.02:34.83E:0.02, h6km, MD3.0, n33, 0960/48, Turkey

Code Station Name Az AzZ Phase ID Time Res Code Station Name Az AzZ Phase ID Time Res

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Lists various stations and their coordinates.

ISC 14 15:20:47.8.0.9, 19.73S:168.46E, h0km, mb4.1/10, mb1.4.3/11, mb1mx4.1/23, mbtmp4.1/11, ML3.8/1, MS3.9/11, M51.3.9/11, ms1mx3.6/25, Error ellipse: s-maj=28.2km

NEIC 14 15:20:49.7.0.6, 19.70S:168.36E, h10km, mb4.5/4, Error ellipse: s-maj=17.0km s-min=13.6km az=139.0

ISCJB 14 15:20:52.0.7, 19.71S:0.08:168.3E:0.1, h33km, mb4.1/13, MS3.9/10, Error ellipse: s-maj=16.3km s-min=9.3km az=31.4

ISC 14 15:20:53.6.0.8, 19.75S:0.1:168.3E:0.1, h35km, n24, 0.121/19, mb4.1/13, MS3.9/9, Vanuatu Islands

CSEM 14 15:31:59.5.0.3, 76.98N:18.34E, h12km, ML2.6, Error ellipse: s-maj=9.9km s-min=5.8km az=46.0

NAO 14 15:31:59.9.1.4, 77.01N:18.48E, h8km, ML2.6, BER 14 15:32:02.5.3.1, 77.03N:18.35E, h16km, ML2.3, ML2.6, ML2.6(NAO)

ISC 14 15:31:59.3.0.8, 76.90N:0.05:18.31E:0.04, h10km, n25, 0.1506/32, Svalbard region

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Lists various stations and their coordinates.

ISC 14 15:33:54.3.8.9, 16.13S:172.73W, h0km, mb3.6/3, mb1.3.9/3, mb1mx3.6/26, mbtmp3.6/3, Error ellipse: s-maj=391.7km s-min=35.8km az=139.0, Samoa Islands

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res. Lists various stations and their coordinates.

14d 20h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for JLD, CDFW, LVP, MTFW, F04A, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for MKAR, GEYT, BOSA, IDC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes entries for GUMO, JNU, WRA, ASAR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, YKA Yellowknife Ar, RES Resolute Bay.

IDC 14 20:09:40.9-1.8, 49.61Sx122.20E, h0km, mb4.2/5, mb1 4.3/6, mb1mx4.0/25, mbtmp4.2/6, ML 1.81, MS3.7/5, Ms1 3.7/5, ms1mx3.4/17, Error ellipse: s-maj=46.9km s-min=40.3km az=23.0

NEIC 14 20:09:42.5-1.1, 49.60Sx122.37E, h10km, mb4.4/2, Error ellipse: s-maj=23.8km s-min=22.6km az=91.0

ISC 14 20:09:42.5-1.8, 49.63Sx122.4E, 0.3, h10km, n16, c0589/11, mb4.2/7, MS3.7/5, Western Indian-Antarctic Ridge

Main table for the first section, listing seismic stations and their parameters. Includes stations like H01W1 Cape Leeuwin H, H01W2 Cape Leeuwin H, NWA0 Naroigini (SRO), STKA Stephens Creek, etc.

WEL 14 20:29:30.5-0.1, 43.51Sx172.18E, h10km, ML3.6/12, 4C-4D, Error ellipse: s-maj=0.8km s-min=0.8km az=90.0, South Island

Main table for the second section, listing seismic stations and their parameters. Includes stations like OXF Oxford, CRZL Canterbury Las, MCQ Queen's Vall, LAKE Lake Taylor, etc.

IDC 14 20:41:54.6-2.9, 49.59Sx122.26E, h0km, mb3.9/3, mb1 4.1/3, mb1mx3.8/21, mbtmp3.9/3, MS3.5/4, Ms1 3.5/4, ms1mx3.2/17, Error ellipse: s-maj=75.7km s-min=46.1km az=163.0, Western Indian-Antarctic Ridge

Main table for the third section, listing seismic stations and their parameters. Includes stations like H01W1 Cape Leeuwin H, H01W2 Cape Leeuwin H, STKA Stephens Creek, ASAR Alice Springs, etc.

CSEM 14 21:16:24.9-0.1, 38.25Nx26.55E, h8km, MD2.8, Error ellipse: s-maj=3.3km s-min=2.9km az=55.0

ATH 14 21:16:24.9-0.2, 38.25Nx26.55E, h30km, ML2.3/4, Error ellipse: s-maj=2.3km s-min=1.0km az=250.0, Analyst: Daskalaki ML Amplitudes are expressed in micrometres All distances are expressed in km

ISK 14 21:16:24.7, 38.26N-26.59E, h8km, MD2.8, IASPEI 14 21:16:25.0-0.8, 38.27N-26.55E, 0.02, h12km, 5km, Error ellipse: s-maj=3.7km s-min=2.8km az=48.5, GT5 selection from ISC bulletin GT5 identified by Bond'jr and McLaughlin (2009) selection criteria Bond'jr and McLaughlin, A new ground truth data set for seismic stations, Seism. Res. Let., 46, 465-472, 2009

DDA 14 21:16:25.0, 38.27N-26.57E, h11km, MD2.8, ISCJB 14 21:16:25.0, 38.27N-26.55E, 0.03, h9km, 2km, Error ellipse: s-maj=3.6km s-min=3.1km az=167.8

Main table for the middle section, listing seismic stations and their parameters. Includes stations like ZEY Zmir, URLA Izmir, CHOS Chios island, CHOS Chios island, etc.

ISCJB 14 21:18:58.8-0.6, 24.55N-102.59E, 0.02, h93km, 6km, Error ellipse: s-maj=6.2km s-min=3.2km az=173.1

TAP 14 21:18:58.4, 24.50N-122.64E, h87km, 1km, ML3.3, 0, JMA 14 21:18:58.0-0.2, 24.53N-122.54E, h101km, 2km, M2.1

ISC 14 21:18:59.4-1.5, 24.53N-102.59E, 0.03, h90km, 10km, n42, c0584/76, Taiwan region

Main table for the fourth section, listing seismic stations and their parameters. Includes stations like JYNG Yonagunijimaku, YOJ Yonaguni jima, TWC Suao, TWC Suao, etc.

Main table for the fifth section, listing seismic stations and their parameters. Includes stations like WHF baz=253, ESL Shilin, ESL baz=237, TWT Tachien, etc.

IDC 14 21:25:34.4-2.3, 3.62S-130.54E, h0km, mb3.2/2, mb1 3.5/4, mb1mx3.3/33, mbtmp3.3/4, ML3.0/2, Error ellipse: s-maj=114.1km s-min=27.1km az=75.0, Seram

Main table for the sixth section, listing seismic stations and their parameters. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, etc.

JMA 14 21:26:49.6-0.2, 37.27N-134.38E, h416km, 3km, M3.4, ISCJB 14 21:26:50.8-0.4, 37.47N-134.27E, 0.06, h385km, mb3.0/5, Error ellipse: s-maj=8.1km s-min=6.1km az=150.5

IDC 14 21:26:50.1-0.1, 37.28N-134.33E, h400km, 14km, mb2.7/5, mb1 2.9/10, mb1mx2.8/42, mbtmp3.5/10, Error ellipse: s-maj=27.2km s-min=15.2km az=154.0

ISC 14 21:26:50.8-0.8, 37.33N-134.38E, 0.06, h385km, n28, c1511/32, mb3.0/5, Sea of Japan

Main table for the seventh section, listing seismic stations and their parameters. Includes stations like JOI OKI, JKSM Kasumi, JKY Yasaka, JKT Kaga, etc.

14d 21h

0.4nm,0.6s,baz=267,slow=6.4,SNR=8.4
YKA Yellowknife Ar 66.29 28 P P 21 36 58.5 0.0

IDC 14 21:55:04.6:8.9,16:04S:473.43W,h0km,mb3.6/2,
mb1 3.9/2,mb1mx3.5/3,mbtmp3.6/2,Err: ellipse:
s-maj=407.2km s-min=66.6km az=141.0,Tonga Islands

MOS 14 21:56:40.2:1.0,19:89S:68.96W,h68km,mb5.4/18,Error
ellipse: s-maj=15.2km s-min=7.1km az=117.8

SCB 14 21:56:43.4:1.5,19:92S:69.59W,h80km,M4.5/1,Error
ellipse: s-maj=110.0km s-min=39.3km az=111.0
BUJ 14 21:56:44.8:20:00S:69.00W,h97km,mb5.5/31

IDC 14 21:56:45.1:0.4,19:91S:69.02W,h105km,2km,mb4.6/22,
mb1 4.7/25,mb1mx4.6/37,mbtmp5.0/25,MS4.0/12,
Ms1 4.0/12,ms1mx3.8/21 Error ellipse: s-maj=13.1km
s-min=10.5km az=86.0

NEIC 14 21:56:45.5:0.3,19:97S:68.83W,h106km,2km,mb5.0/65,
MW5.2,Error ellipse: s-maj=6.0km s-min=3.8km az=62.0,
Moment Tensor Solution: s13 Moment tensor: Scale
10^16Nm; Mw=4.22; Ms=0.04; Ms2=2.25; Mw5.09;
Mw=5.73; Best double couple: Mw9.00000x10^16 NP1:
0.359,0.00000,0.872,0.00000,-1.12,0.00000- NP2:
0.247,0.00000,0.842,0.00000,-1.28,0.00000- Principal axes:
T 10.1000,Plg62.00000, Azm97.00000- N -3.0000,
Plg16.00000, Azm335.00000; P -7.2000,Plg23.00000,
Azm238.00000-

NEIC 14 21:57:27.9:0.9,23:04S:66.93W,h20km,6km,M3.3
ISC 14 21:56:45.0:0.2,20:00S:0.03:69.15W,0.04,h105km,2km,
h105km:p:P,n742,1122/961,mb5.0/77,14C-8D,

Northern Chile
Code Station Name Az AZZ Phase ID Time Res

Table with columns: Code, Station Name, Az, AZZ, Phase ID, Time, Res. Rows include stations like IPOC Station P, Humberton, Pisagua, Punta Patache, etc.

2011 FEB

Main table with columns: PLCA, Station Name, Time, Res. Rows include stations like Paso Flores, Paso Flores, Paso Flores, etc.

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Table with columns: NATX, Station Name, Time, Res. Rows include stations like Nacogdoches, Wall Ranch, Saathoff Ranch, etc.

V35A	Marietta	59.84	333	P	P	22 06 40.5	+1.1	baz=149	baz=141	62.05	325	eP	P	P	22 06 54.2	-0.2	P34A	Walnut Farm, R	64.64	337	P	P	22 07 12.2	+0.8	
Y35A				pP	pP	22 07 05.2	0.0	baz=149	baz=141	62.05	325	eP	P	P	22 07 20.0	-0.5	P34A	Walnut Farm, R	64.64	337	P	P	22 07 37.2	-0.4	
ABTX	Ablene, Hawle	59.91	330	P	P	22 06 40.9	+0.9	baz=146,SNR=5.7	baz=151	62.11	336	P	P	P	22 06 54.9	+0.2	P34A	Walnut Farm, R	64.64	337	P	P	22 07 13.9	+1.6	
ABTX				pP	pP	22 07 05.6	-0.3		baz=151	62.13	161	P	P	P	22 06 55.2	+0.7	S29A	Los Pinos Moun	64.73	326	eP	pP	22 07 38.5	+0.2	
ABTX	Ablene, Hawle	59.91	330	eP	P	22 06 40.3	+0.3	baz=146	baz=291,slow=7.8	62.15	60	P	P	P	22 06 54.7	-0.7	N37A	Lee Faris, Mou	64.79	339	P	P	22 07 12.4	+0.1	
ABTX				eP	pP	22 07 06.0	+0.2		comp=Z,183nm,1.2s,slow=5.0,SNR=4.7	62.22	334	P	P	P	22 06 55.5	0.0	Q32A	Meitler Ranch,	64.83	335	P	P	22 07 13.0	+0.4	
PBMO	Poplar Bluff	59.94	340	eP	P	22 06 39.2	-0.9	baz=149	baz=149	62.22	334	P	P	P	22 07 21.5	0.0	Q32A						22 07 39.1	+0.3	
Z33A	Whitaker Ranch	60.06	331	P	P	22 06 41.5	+0.5	baz=147	baz=149	62.23	335	P	P	P	22 07 55.4	-0.1	P33A	Williams Farm,	64.87	336	pP	pP	22 07 39.4	+0.3	
Z33A				pP	pP	22 07 06.8	-0.1		baz=150	62.23	335	P	P	P	22 07 21.8	+0.2	R30A	Dighton	64.93	333	pP	pP	22 07 39.9	+0.3	
X36A	Centrahoma	60.12	334	P	P	22 06 41.9	+0.5	baz=150	baz=150	62.23	335	P	P	P	22 07 21.8	+0.2	O35A	Humboldt	64.94	338	pP	pP	22 07 39.2	-0.3	
Y34A	Reagan Ranch,	60.19	333	P	P	22 06 42.3	+0.5	baz=148	baz=150	62.24	333	pP	pP	P	22 07 21.8	+0.1	M38A	Pleasantville	65.05	340	P	P	22 07 14.0	0.0	
Y34A				pP	pP	22 07 07.6	-0.1		baz=148	62.24	333	pP	pP	P	22 07 21.8	+0.1	M38A						22 07 39.6	-0.6	
V39A	Pettigrew	60.19	337	P	P	22 06 42.4	+0.5	baz=153,SNR=5.3	S37A	Fort Scott	62.33	337	P	P	P	22 07 21.9	-0.4	S28A	Manter	65.06	332	P	P	22 07 14.1	-0.2
V39A				pP	pP	22 07 07.1	-0.7		baz=152,SNR=9.5	62.33	337	P	P	P	22 07 21.9	-0.4	S28A						22 07 40.7	+0.2	
X35A	Drake	60.23	334	P	P	22 06 42.1	0.0	baz=149	S37A	Lafayette	62.35	345	P	P	P	22 07 21.9	-0.4	S28A						22 07 14.1	-0.2
X35A				pP	pP	22 07 07.8	-0.2		baz=161	62.35	345	P	P	P	22 07 21.9	-0.4	S28A						22 07 40.7	+0.2	
W37B	Quinton	60.25	335	P	P	22 06 42.3	0.0	baz=149	S37A	Lafayette	62.35	345	eP	P	P	22 07 21.9	-0.4	S28A						22 07 14.1	-0.2
W37B				pP	pP	22 07 08.0	-0.1		baz=161	62.35	345	eP	P	P	22 07 21.9	-0.4	S28A						22 07 40.7	+0.2	
U40A	Yellville	60.37	338	P	P	22 06 43.1	0.0	baz=151	S37A	Lafayette	62.35	345	eP	P	P	22 07 21.9	-0.4	S28A						22 07 14.1	-0.2
U40A				pP	pP	22 07 08.6	-0.4		comp=Z,36nm,0.8s	62.38	338	P	P	P	22 06 56.0	-0.6	N36A	Muff Farm, Cla	65.09	339	P	P	22 07 14.5	+0.2	
SIUC	Southern Illin	60.44	342	eP	P	22 06 43.9	+0.5	baz=151,SNR=5.3	R38A	Fenwick Farm,	62.38	338	P	P	P	22 06 56.0	-0.6	N36A						22 07 40.1	-0.4
SIUC				eP	pP	22 07 09.3	0.0		baz=153,SNR=8.0	62.38	338	P	P	P	22 06 56.0	-0.6	SADO	Sadova	65.10	352	eP	pP	22 07 40.8	+0.4	
V38A	Canehill	60.49	337	P	P	22 06 43.7	-0.2	baz=152,SNR=10	R38A		62.38	338	P	P	P	22 06 56.0	-0.6	ANMO	Albuquerque	65.13	327	pP	pP	22 07 41.1	0.0
W36A	Wetumka	60.57	335	P	P	22 06 44.1	-0.2		baz=153	62.45	334	pP	pP	P	22 07 22.8	-0.3	ANMO	Albuquerque	65.13	327	eP	pP	22 07 17.4	+2.5	
W36A				pP	pP	22 07 09.9	-0.4		baz=155	62.49	340	P	P	P	22 06 57.5	+0.2	ANMO	Albuquerque	65.13	327	eP	pP	22 07 17.4	+2.5	
O56A	Blue Knob Stat	60.60	352	pP	pP	22 07 10.8	+0.3		baz=152	62.51	329	P	P	P	22 06 57.8	+0.2	O34A	Beatrice	65.15	337	P	P	22 07 15.1	+0.4	
Y33A	Hilltop Ranch,	60.61	332	pP	pP	22 07 09.9	-0.7		baz=144	62.51	329	pP	pP	P	22 06 57.5	-0.4	O34A						22 07 41.3	+0.4	
U39A	Green Forest	60.62	338	P	P	22 06 44.5	-0.2		baz=144	62.51	329	pP	pP	P	22 06 57.5	-0.4	CBKS	Cedar Bluff	65.15	334	P	P	22 07 15.2	+0.5	
U39A				pP	pP	22 07 10.5	-0.1		baz=152	62.59	335	P	P	P	22 07 24.3	+0.4	CBKS						22 07 41.3	+0.3	
X34A	Smith Ranch, M	60.77	333	P	P	22 06 45.9	+0.1		baz=152	62.59	335	P	P	P	22 06 58.3	+0.4	CBKS	Cedar Bluff	65.15	334	eP	pP	22 07 15.8	+1.0	
X34A				pP	pP	22 07 11.9	+0.3		baz=150	62.59	335	P	P	P	22 07 24.0	+0.1	CBKS						22 07 42.0	+1.0	
V37A	Hulbert	60.79	336	P	P	22 06 46.5	+0.6		baz=148	62.82	336	P	P	P	22 06 59.4	-0.1	CBKS	Cedar Bluff	65.15	334	eP	pP	22 07 15.8	+1.0	
V37A				pP	pP	22 07 11.6	-0.2		baz=151	62.82	337	P	P	P	22 06 59.4	-0.1	CBKS						22 07 42.0	+1.0	
RKT	Rikitea	60.84	254	eLR	LR	22 24 53.9			baz=151	62.82	337	P	P	P	22 06 59.4	-0.1	Q33A	Hebron	65.39	336	P	P	22 07 16.6	+0.4	
W35A	Tecumseh	60.84	334	P	P	22 06 46.2	0.0		baz=152	62.82	337	P	P	P	22 07 25.1	-0.4	Q33A						22 07 42.2	-0.2	
W35A				pP	pP	22 07 12.1	-0.1		baz=154,SNR=5.5	62.84	339	P	P	P	22 06 59.2	-0.3	P32A	Huittin Farm,	65.39	335	P	P	22 07 16.5	+0.3	
N59A	State Game Lan	60.92	354	pP	pP	22 07 12.8	+0.2		baz=154	62.97	340	P	P	P	22 07 25.1	-0.5	P32A						22 07 42.1	-0.4	
T40A	Mansfield	60.97	339	P	P	22 06 46.7	-0.4		baz=156	62.97	340	P	P	P	22 07 00.1	-0.4	R29A	Marienthal	65.42	333	pP	pP	22 07 42.5	-0.3	
T40A				pP	pP	22 07 12.9	-0.1		baz=156	62.98	339	P	P	P	22 07 26.0	-0.5	Q30A	Quinter	65.49	334	pP	pP	22 07 43.9	+0.7	
U38A	Gravette	61.00	337	P	P	22 06 47.4	+0.2		baz=154,SNR=9.4	62.98	339	P	P	P	22 06 60.0	-0.5	SCIA	State Center	65.50	340	eP	pP	22 07 16.9	0.0	
U38A				pP	pP	22 07 12.4	-0.8		baz=154	63.08	337	P	P	P	22 07 26.3	-0.2	SCIA						22 07 43.1	0.0	
V36A	Jenks	61.02	335	P	P	22 06 47.3	-0.1		baz=152,SNR=6.0	63.08	337	P	P	P	22 07 01.1	-0.1	TUC	Tucson	65.53	322	pP	pP	22 07 43.4	-0.2	
V36A				pP	pP	22 07 13.2	-0.2		baz=152	63.10	343	P	P	P	22 07 01.1	-0.1	TUC						22 07 18.7	+1.3	
TUL1	Leonard	61.07	335	P	P	22 06 47.8	0.0		baz=152	63.10	343	P	P	P	22 07 01.0	-0.2	TUC						22 07 44.6	+1.0	
TUL1				pP	pP	22 07 13.5	-0.2		baz=158	63.10	343	eP	pP	P	22 07 01.0	-0.2	JFWS	Jewell Farm	65.55	343	eP	pP	22 07 44.3	-0.2	
TUL1	Leonard	61.07	335	eP	P	22 06 48.4	+0.7		baz=158	63.10	343	eP	pP	P	22 07 01.0	-0.2	M36A	Felix, Anita	65.61	339	P	P	22 07 17.1	-0.5	
T39A	Cleves	61.15	338	P	P	22 06 48.6	+0.3		baz=158	63.10	343	eP	pP	P	22 07 02.2	+0.9	M36A						22 07 43.2	-0.3	
T39A				pP	pP	22 07 13.9	-0.4		baz=158	63.14	335	pP	pP	P	22 07 26.5	+0.7	P31A	Stockton	65.61	335	P	P	22 07 18.2	+1.3	
U37A	Salina	61.24	336	P	P	22 06 49.3	+0.4		baz=150	63.16	340	P	P	P	22 07 01.4	-0.2	P31A						22 07 46.3	-0.2	
U37A				pP	pP	22 07 15.1	+0.2		baz=155	63.16	340	P	P	P	22 07 01.4	-0.2	L38A	Oak Wood Farm,	65.63	341	P	P	22 07 17.9	+0.1	
X32A	Elmer	61.25	332	P	P	22 06 49.3	+0.3		baz=155	63.19	338	pP	pP	P	22 07 27.0	-0.7	L38A						22 07 44.2	+0.2	
X32A				pP	pP	22 07 14.7	-0.3		baz=153	63.19	338	pP	pP	P	22 07 27.0	-0.7	R28A	Tribune	65.64	332	P	P	22 07 18.0	0.0	
WMOK	Wichita Mounta	61.29	332	eP	pP	22 06 46.2	-3.1		baz=155	63.19	338	pP	pP	P	22 07 27.0	-0.7	R28A						22 07 45.1	+0.8	
WMOK				eP	pP	22 07 14.8	-0.5		baz=155	63.19	338	pP	pP	P	22 07 27.0	-0.7	N34A	Lincoln	65.65	338	P	P	22 07 18.5	+0.6	
WMOK	Wichita Mounta	61.29	332	eP	pP	22 06 46.3	-3.1		baz=155	63.19	338	pP	pP	P	22 07 27.0	-0.7	N34A						22 07 43.7	-0.5	
V35A	Meyer Ranch, C	61.35	334	P	P	22 06 49.7	0.0		baz=155	63.19	338	pP	pP	P	22 07 27.0	-0.7	Q29A	Oakley	65.74	333	P	P	22 07 19.5	+0.9	
V35A				pP	pP	22 07 15.3	-0.4		baz=155	63.19	338	pP	pP	P	22 07 27.0	-0.7	Q29A						22 07 44.5	-0.4	
S40A	Lebanon	61.37	339	P	P	22 06 49.5	-0.3		baz=155	63.19	338	pP	pP	P	22 07 27.0	-0.7	O32A	Brockman Farm,	65.81	336	pP	pP	22 07 45.2	0.0	
S40A				pP	pP	22 07 15.4	-0.3		baz=155	63.19	338	pP	pP	P	22 07 27.0	-0.7	T25A	Trinidad	65.85	330	P	P	22 07 20.0	+0.5	
U36A	Oologah	61.47	336	pP	pP	22 07 16.3	-0.1		baz=155	63.19	338	pP	pP	P	22 07 27.0	-0.7	T25A						22 07 21.2	+1.7	
N54A	Moraine State	61.48	351	P	P	22 06 52.0																			

BGNE	Belgrade	66.76	337	eP	P	22 07 25.8 +0.8
BGNE				P	P	22 07 52.2 +0.9
SDCO	Great Sand Dun	66.85	329	P	P	22 07 26.1 +0.1
SDCO				pP	pP	22 07 52.5 +0.2
SDCO	Great Sand Dun	66.85	329	eP	P	22 07 27.1 +1.1
SDCO				eP	P	22 07 53.3 -0.6
J37A	Redenius Farm,	66.88	341	P	P	22 07 25.0 -0.7
J37A				pP	pP	22 07 51.5 -0.5
K35A	Storm Lake	66.89	339	P	P	22 07 26.0 +0.2
K35A				pP	pP	22 07 51.8 -0.3
N30A	Hueftle Ranch,	66.98	335	pP	pP	22 07 52.8 0.0
W18A	Petrified Fore	67.00	325	pP	pP	22 07 53.1 -0.1
M31A	Lambrecht Ranc	67.01	336	pP	pP	22 07 53.0 0.0
L33A	Hoskins	67.10	338	pP	pP	22 07 53.6 +0.2
J36A	Seneca 1, Swea	67.14	340	P	P	22 07 26.9 -0.4
J36A				pP	pP	22 07 54.0 +0.4
K34A	Le Mars	67.14	339	pP	pP	22 07 53.8 +0.1
I38A	Scanlan Farm,	67.18	342	P	P	22 07 26.6 -1.0
I38A				pP	pP	22 07 53.8 -0.1
K33A	Hardington	67.39	338	pP	pP	22 07 55.8 +0.5
X16A	Lo Mia Camp, P	67.43	323	eP	P	22 07 31.4 +1.8
J35A	Milford	67.45	340	pP	pP	22 07 56.1 +0.5
I37A	Lemond, Waseca	67.47	341	P	P	22 07 29.2 -0.2
I37A				pP	P	22 07 56.1 +0.1
S22A	4UR Ranch, Cre	67.50	328	P	P	22 07 29.7 -0.4
S22A				pP	pP	22 07 56.4 0.0
S22A	4UR Ranch, Cre	67.50	328	eP	P	22 07 31.8 +1.7
S22A				eP	P	22 07 57.4 +0.7
J34A	George	67.63	339	pP	pP	22 07 57.6 +0.8
Q24A	Divide	67.66	330	P	P	22 07 31.5 +0.5
Q24A				pP	pP	22 07 58.1 +0.6
I36A	Fitzsimmons Fa	67.66	341	pP	pP	22 07 56.5 -0.5
L31A	Butterfield Fa	67.68	337	P	P	22 07 31.6 +0.8
L31A				pP	pP	22 07 57.5 +0.3
K32A	Verdigre	67.78	337	pP	pP	22 07 57.9 +0.1
L30A	Spencer Herefo	67.82	336	pP	pP	22 07 57.9 -0.2
I35A	Creekview Farm	67.82	340	P	P	22 07 31.8 +0.2
I35A				pP	P	22 07 57.7 +0.2
H37A	Dierke Farm, C	67.84	342	P	P	22 07 31.6 -0.1
H37A				pP	pP	22 07 59.1 +1.0
MVCO	Mesa Verde	67.92	327	P	P	22 07 33.1 +0.4
MVCO				pP	pP	22 07 59.3 +0.2
MVCO	Mesa Verde	67.92	327	eP	P	22 07 34.3 +1.6
MVCO				eP	P	22 07 59.9 +0.8
Y14A	Wickenburg	67.99	322	eP	P	22 07 34.8 +1.8
Y14A				eP	P	22 08 00.6 +1.2
J33A	Davis	68.00	338	pP	pP	22 07 59.4 +0.3
M28A	Bar X Bar Ranc	68.00	334	P	P	22 07 59.8 +0.5
K31A	O'Neill	68.03	337	pP	pP	22 07 60.0 +0.6
H36A	Jessenland, He	68.14	341	P	P	22 07 34.1 +0.5
H36A				pP	pP	22 08 00.6 +0.6
WUAZ	Wupatki	68.20	324	P	P	22 07 35.5 +1.1
WUAZ				pP	pP	22 08 01.5 +0.7
WUAZ	Wupatki	68.20	324	eP	P	22 07 36.7 +2.3
L29A	Maesberg Ranch	68.21	335	pP	pP	22 08 01.1 +0.5
ECSD	EROS Data Cent	68.25	339	P	P	22 07 34.0 -0.3
ECSD				pP	pP	22 08 00.8 +0.1
ECSD	EROS Data Cent	68.25	339	eP	P	22 07 34.2 -0.1
ECSD				eP	P	22 07 59.2 -0.1
NVL	N'iazarevskaya	68.31	159	fP	S	22 07 35.5 +1.2
NVL				eS	S	22 16 31.9 +5.4
J32A	Parkton	68.36	338	pP	pP	22 08 01.5 +0.1
SPMN	Marine on St.	68.40	342	P	P	22 07 34.8 -0.4
SPMN				pP	pP	22 08 01.8 +0.2
SPMN	Marine on St.	68.40	342	eP	P	22 07 34.8 -0.4
SPMN				eP	P	22 08 01.9 +0.2
K30A	Basset	68.40	336	pP	pP	22 08 01.8 0.0
H35A	Sunnyside Ranc	68.53	341	P	P	22 07 35.9 -0.1
H35A				pP	pP	22 08 02.8 +0.4
DBIC	Dimbokro	68.53	74	P	P	22 07 36.2 -0.5
DBIC				pP	pP	22 08 03.0 0.0
DBIC				LR	LR	22 36 18.3
DBIC				eP	P	22 07 36.2 -0.5
DBIC				eP	P	22 08 03.0 0.0
DBIC				eP	P	22 07 36.2 -0.5
DBIC				eP	P	22 08 03.1 0.0
DBIC				eP	P	22 08 03.1 0.0
DBIC				eP	P	22 08 03.1 0.0
DBIC				eP	P	22 08 03.1 0.0
ISCO	Idaho Springs	68.54	331	P	P	22 07 36.9 +0.3
ISCO				pP	pP	22 08 02.6 -0.4
ISCO	Idaho Springs	68.54	331	eP	P	22 07 37.6 +1.0
ISCO				eP	P	22 08 01.5 +0.5
ISCO	Idaho Springs	68.54	331	P	P	22 07 37.6 +1.0
ISCO				e	e	22 08 01.5 0.0
J31A	Geddes	68.61	337	pP	pP	22 08 03.2 +0.2
PV01	Paradox Valley	68.67	327	eP	P	22 07 39.4 +2.0
G36A	St. Michael	68.68	342	pP	pP	22 08 03.7 +0.3
K29A	Lazy Trails An	68.74	336	pP	pP	22 08 04.4 +0.5
Y12C	Blythe	68.75	320	P	P	22 07 39.2 +1.5
Y12C				pP	pP	22 08 04.1 0.0
Y12C	Blythe	68.75	320	eP	P	22 07 39.7 +2.0
H34A	Spellman Lake,	68.80	340	P	P	22 07 37.9 +0.3
H34A				pP	pP	22 08 04.6 +0.5
J30A	Dallas	68.91	337	P	P	22 07 39.0 +0.5
J30A				pP	pP	22 08 05.0 0.0
PDMCI	Parker Dam,Lak	68.91	321	P	P	22 07 39.9 +1.3

SWSC	Sam W. Stewart	68.98	319	P	P	22 07 39.4 +0.3
SWSC				pP	pP	22 08 06.3 +0.8
H33A	Prehn Over Nor	69.13	339	P	P	22 07 40.1 +0.3
H33A				pP	pP	22 08 07.2 +0.9
F36A	Milaca	69.19	342	P	P	22 07 39.3 -0.8
F36A				pP	pP	22 08 06.9 +0.4
H32A	Carlson Farm,	69.21	339	pP	pP	22 08 07.4 +0.7
BC3	Big Chuckawall	69.25	320	P	P	22 07 42.2 +1.3
BC3				pP	pP	22 08 08.4 +1.1
J29A	Okreek	69.30	336	pP	pP	22 08 08.5 +1.2
W13A	Hualapai Mount	69.32	322	eP	P	22 07 43.4 +2.0
MONP2	Monument Peak	69.33	319	P	P	22 07 42.6 +1.1
MONP2				pP	pP	22 08 08.7 +0.8
BAR	Barrett	69.34	318	eP	P	22 07 43.3 +1.9
U15A	North Rim	69.37	324	eP	P	22 07 43.9 +2.1
U15A				eP	P	22 08 09.7 +1.4
I30A	Oacoma	69.40	337	pP	pP	22 08 08.7 +0.8
IRM	Iron Mountain	69.41	320	P	P	22 07 42.9 +1.2
IRM				pP	pP	22 08 09.4 +1.2
G33A	Ortonville	69.48	340	P	P	22 07 41.6 -0.2
G33A				pP	pP	22 08 08.9 +0.5
F35A	Swanville	69.49	341	pP	pP	22 08 08.8 +0.4
N23A	Red Feather La	69.57	331	P	P	22 07 43.8 +1.0
N23A				pP	pP	22 08 09.5 +0.2
N23A	Red Feather La	69.57	331	eP	P	22 07 44.5 +1.6
N23A				eP	P	22 08 09.9 +0.6
F34A	Alexandria	69.64	341	P	P	22 07 43.4 +0.5
F34A				pP	pP	22 08 10.3 +0.9
J28A	Allard Ranch,	69.66	336	P	P	22 07 44.1 +1.0
J28A				pP	pP	22 08 10.7 +1.0
PHWY	Pilot Hill	69.67	332	eP	P	22 07 44.6 +1.1
PHWY				eP	P	22 08 10.8 +0.8
E36A	McGregor	69.71	342	P	P	22 07 43.6 +0.4
E36A				pP	pP	22 08 10.6 +0.8
I29A	Vivian Onida	69.81	337	pP	pP	22 08 11.2 +0.7
BELC	Belle Mtn. Jos	69.81	320	P	P	22 07 45.7 +1.3
BELC				pP	pP	22 08 11.1 +0.2
J27A	Elkhorn Farm,	69.82	335	P	P	22 07 44.4 +0.3
J27A				pP	pP	22 08 11.2 +0.6
PFO	Pinyon Flats O	69.83	319	P	P	22 07 46.8 +2.3
PFO				pP	pP	22 08 11.5 +0.5
PFO	Pinyon Flats O	69.83	319	eP	P	22 07 46.4 +1.9
PFO				eP	P	22 08 12.5 +1.5
PFO	Pinyon Flats O	69.83	319	eP	P	22 07 46.4 +1.9
PFO				eP	P	22 08 12.5 +1.5
F33A	5 Mile Ranch,	70.01	340	P	P	22 07 44.3 -0.8
F33A				pP	pP	22 08 11.8 +0.2
Q20A	White River Ci	70.05	329	P	P	22 07 46.4 +0.6
Q20A				pP	pP	22 07 47.1 +1.3
Q20A	White River Ci	70.05	329	eP	P	22 08 15.7 +3.4
D37A	Cotton	70.06	343	pP	pP	22 07 45.2 -0.2
D37A				pP	pP	22 08 12.2 +0.2
E35A	Pequot Lakes	70.07	342	P	P	22 07 45.5 0.0
E35A				pP	pP	22 08 12.3 +0.3
C39A	Grand Marais	70.09	345	P	P	22 07 44.9 -0.7
C39A				pP	pP	22 08 12.3 +0.2
I28A	Midland	70.12	336	P	P	22 07 47.0 +1.1
I28A				pP	pP	22 08 13.7 +1.3
GMRC	Granite Mounta	70.15	321	P	P	22 07 47.8 +1.4
GMRC				pP	pP	22 08 13.7 +0.7
C38A	Sawbill Land.	70.28	344	pP	pP	22 08 13.8 +0.6
D36A	Goodland	70.28	343	pP	pP	22 08 14.1 +0.8
H29A	Onida	70.30	337	P	P	22 07 47.3 +0.4
H29A				pP	pP	22 08 14.4 +0.9
J26A	Sides Ranch, S	70.30	334	P	P	22 07 47.7 +0.7
J26A				pP	pP	22 08 14.3 +0.7
LCMT	Little Creek M	70.32	324	eP	P	22 07 49.4 +2.0
G30A	Faulton	70.34	338	P	P	22 07 47.8 +0.6
G30A				pP	pP	22 08 14.6 +0.8
SRU	San Rafael Swe	70.40	327	eP	P	22 07 49.1 +1.2
SRU				eP	P	22 35 40.9 -6.2
SRU	San Rafael Swe	70.40	327	eP	P	22 07 49.1 +1.2
SRU</						

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like ISA Isabella, Lake, ISA Isabella, Lake, ISA Isabella, Lake, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like AFDM Forest Hills D, AFDM Dillon, AFDM Dillon, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like STKA Stephens Creek, STKA Bilibino, STKA Bilibino, etc.

MESJ	Messejana	1.91	9	P	Pn	00 27 01.9 +2.3
MESJ				S	S	00 27 23.9 +1.3
SFS	San Fernando	2.00	74	P	Pb	00 27 04.2 -0.8
SFS	San Fernando	2.00	74	eP	Pb	00 27 04.2 -0.8
CNIL	Conil	2.10	78	↑P	Pb	00 27 05.8 -0.9
CNIL				S	S	00 27 29.0 +1.8
CNIL	Conil	2.10	78	↑P	Pb	00 27 05.8 -0.9
CNIL				S	S	00 27 29.0 +1.8
PBEJ	Beja	2.15	161	ePn	Pn	00 27 05.2 +2.2
PBEJ				eSn	A	00 27 30.1 +1.5
PBEJ	Beja	2.15	16	P	Pn	00 27 05.2 +2.2
PBEJ				S	S	00 27 30.1 +1.5
PBEJ	Beja	2.15	161	ePn	Pn	00 27 05.2 +2.2
PBEJ				eSn	A	00 27 30.1 +1.5
PNCL	Nicolau / Gran	2.16	1	ePn	Pn	00 27 04.9 +1.8
PNCL				eSn	A	00 27 29.9 +1.2
PNCL	Nicolau / Gran	2.16	1	ePn	Pn	00 27 04.9 +1.8
PNCL				eSn	A	00 27 29.9 +1.2
PNCL	Nicolau / Gran	2.16	1	ePn	Pn	00 27 04.9 +1.8
PNCL				eSn	A	00 27 29.9 +1.2
TSY	Trine Yamani	2.21	104	P	Pn	00 27 06.0 +2.2
TSY				S	S	00 27 30.0 -0.1
TSY	Trine Yamani	2.21	104	↑P	Pn	00 27 06.0 +2.2
TSY				S	S	00 27 30.0 -0.1
GIBL	Gibalbin	2.29	67	P	Pn	00 27 07.5 +2.5
GIBL				S	S	00 27 32.0 -0.1
GIBL	Gibalbin	2.29	67	eP	Pn	00 27 07.5 +2.5
GIBL				S	S	00 27 32.0 -0.1
MOMI	Momias	2.36	80	P	Pb	00 27 09.9 -1.2
MOMI				eP	Pb	00 27 09.9 -1.2
MOMI	Momias	2.36	80	↑P	Pb	00 27 09.9 -1.2
MOMI				eP	Pb	00 27 09.9 -1.2
EMIN	Mina Concepcio	2.38	40	↑P	Pn	00 27 08.5 +2.4
EMIN				S	S	00 27 35.4 +1.2
EMIN	Mina Concepcio	2.38	40	P	Pn	00 27 08.5 +2.4
EMIN				S	S	00 27 35.4 +1.2
ESPR	Espera	2.39	67	↑P	Pn	00 27 08.6 +2.4
ESPR				S	S	00 27 36.4 +1.9
ESPR	Espera	2.39	67	P	Pn	00 27 08.6 +2.4
ESPR				S	S	00 27 36.4 +1.9
ALJ	Aljibe	2.45	75	↑P	Pb	00 27 10.9 -1.8
ALJ				S	S	00 27 39.9 +3.9
ALJ	Aljibe	2.45	75	↑P	Pb	00 27 10.9 -1.8
ALJ				S	S	00 27 39.9 +3.9
PBAR	Barrancos	2.54	29	ePn	Pn	00 27 10.8 +2.4
PBAR				eSn	A	00 27 40.0 +1.7
PBAR	Barrancos	2.54	29	P	Pn	00 27 10.8 +2.4
PBAR				S	S	00 27 40.0 +1.7
PBAR	Barrancos	2.54	29	ePn	Pn	00 27 10.8 +2.4
PBAR				eSn	A	00 27 40.0 +1.7
PBAR	Barrancos	2.54	29	ePn	Pn	00 27 10.8 +2.4
PBAR				eSn	A	00 27 40.0 +1.7
MOE	Montemor	2.58	4	ePn	Pn	00 27 11.7 +2.9
MOE				eSn	A	00 27 40.3 +1.3
MOE	Montemor	2.58	4	P	Pn	00 27 11.7 +2.9
MOE				S	S	00 27 40.3 +1.3
MOE	Montemor	2.58	4	ePn	Pn	00 27 11.7 +2.9
MOE				eSn	A	00 27 40.3 +1.3
EVOP	Sao Brissos	2.60	8	ePn	Pn	00 27 10.9 +1.8
EVOP				eSn	A	00 27 40.5 +0.9
ECEU	Ceuta	2.61	90	↑P	Pn	00 27 12.1 +2.8
ECEU				S	S	00 27 42.0 +2.0
ECEU	Ceuta	2.61	90	P	Pn	00 27 12.1 +2.8
ECEU				S	S	00 27 42.0 +2.0
EVO	Evora	2.62	10	ePn	Pn	00 27 10.9 +1.5
EVO				eSn	A	00 27 40.5 +0.4
EVO	Evora	2.62	10	P	Pn	00 27 11.4 +2.0
EVO				eSn	A	00 27 40.9 +0.8
EVO	Evora	2.62	10	P	Pn	00 27 11.4 +2.0
EVO				S	S	00 27 40.9 +0.8
EVO	Evora	2.62	10	ePn	Pn	00 27 11.4 +2.0
EVO				eSn	A	00 27 40.9 +0.8
DKH	Dar Kharkhour	2.67	99	P	Pn	00 27 13.0 +2.7
DKH				S	S	00 27 43.0 +1.4
DKH	Dar Kharkhour	2.67	99	↑P	Pn	00 27 13.0 +2.7
DKH				S	S	00 27 43.0 +1.4
LJJA	Lijar	2.75	69	P	Pn	00 27 14.0 +2.8
LJJA				S	S	00 27 47.0 +3.6
LJJA	Lijar	2.75	69	↑P	Pn	00 27 14.0 +2.8
LJJA				S	S	00 27 47.0 +3.6
REAL	Reales	2.79	78	↑P	Pn	00 27 15.2 +3.3
REAL				P	Pn	00 27 15.2 +3.3
REAL	Reales	2.79	78	↑P	Pn	00 27 15.2 +3.3
REAL				P	Pn	00 27 15.2 +3.3
LIS	Lisbon	2.80	351	eP	Pn	00 27 14.3 +2.5
LIS				eSn	A	00 27 45.6 +1.2
LIS	Lisbon	2.80	351	↑P	Pn	00 27 14.3 +2.5
LIS				S	S	00 27 45.6 +1.2
LIS	Lisbon	2.80	351	↑P	Pn	00 27 14.3 +2.5
LIS				S	S	00 27 45.6 +1.2
LIS	Lisbon	2.80	351	↑P	Pn	00 27 14.3 +2.5
LIS				S	S	00 27 45.6 +1.2
PMST	Lisbon-Monsan	2.82	351	↑P	Pn	00 27 14.0 +1.8
PMST				eSn	A	00 27 45.7 +0.6
PMST	Lisbon-Monsan	2.82	351	↑P	Pn	00 27 14.0 +1.8
PMST				eSn	A	00 27 45.7 +0.6
INMG	Instituto de M	2.85	352	ePn	Pn	00 27 15.1 +2.5
INMG				eSn	A	00 27 48.2 +2.4
INMG	Instituto de M	2.85	352	P	Pn	00 27 15.1 +2.5
INMG				S	S	00 27 48.2 +2.4
INMG	Instituto de M	2.85	352	ePn	Pn	00 27 15.1 +2.5
INMG				eSn	A	00 27 48.2 +2.4
EBAD	Badajoz	3.07	24	P	Pn	00 27 17.7 +2.1
EBAD				S	S	00 27 52.8 +1.5
EBAD	Badajoz	3.07	24	P	Pn	00 27 17.7 +2.1
EBAD				S	S	00 27 52.8 +1.5
EBAD	Badajoz	3.07	24	P	Pn	00 27 17.7 +2.1
EBAD				S	S	00 27 52.8 +1.5
PMTG	Montargil	3.13	5	ePn	Pn	00 27 18.6 +2.2
PMTG				eSn	A	00 27 52.8 +0.2
PMTG	Montargil	3.13	5	ePn	Pn	00 27 18.6 +2.2
PMTG				eSn	A	00 27 52.8 +0.2
EMIJ	Mijas	3.15	78	↑P	Pn	00 27 18.4 +1.7
EMIJ				S	S	00 27 54.5 +1.3
EMIJ	Mijas	3.15	78	P	Pn	00 27 18.4 +1.7
EMIJ				S	S	00 27 54.5 +1.3
EMIJ	Mijas	3.15	78	P	Pn	00 27 18.4 +1.7
EMIJ				S	S	00 27 54.5 +1.3
ALMR	Almeirim	3.20	0	eP	Pn	00 27 19.4 +2.0
ALMR				eSn	A	00 27 54.4 +0.2
ALMR	Almeirim	3.20	0	P	Pn	00 27 19.4 +2.0
ALMR				S	S	00 27 54.4 +0.2
ALMR	Almeirim	3.20	0	P	Pn	00 27 19.4 +2.0
ALMR				S	S	00 27 54.4 +0.2

ECAB	Ei Cabril	3.31	49	P	Pn	00 27 21.0 +2.0
ECAB				S	S	00 27 57.4 +0.2
ECAB	Ei Cabril	3.31	49	P	Pn	00 27 21.0 +2.0
ECAB				S	S	00 27 57.4 +0.2
EMAL	Malaga-Limoner	3.46	75	P	Pn	00 27 23.2 +2.2
EMAL				S	S	00 28 01.5 +0.7
EMAL	Malaga-Limoner	3.46	75	eP	Pn	00 27 23.2 +2.2
EMAL				S	S	00 28 01.5 +0.7
PMRV	Marv??o	3.60	15	ePn	Pn	00 27 25.0 +2.1
PMRV				eSn	A	00 28 04.8 +0.5
PMRV	Marv??o	3.60	15	P	Pn	00 27 25.0 +2.1
PMRV				S	S	00 28 04.8 +0.5
PMRV	Marv??o	3.60	15	ePn	Pn	00 27 25.0 +2.1
PMRV				eSn	A	00 28 04.8 +0.5
PTOM	Tomar	3.66	2	ePn	Pn	00 27 25.9 +2.1
PTOM				eSn	A	00 28 05.7 -0.2
PTOM	Tomar	3.66	2	P	Pn	00 27 25.9 +2.1
PTOM				S	S	00 28 05.7 -0.2
EGOR	Sierra Gorda	3.79	71	↑P	Pn	00 27 28.0 +2.3
EGOR				S	S	00 28 11.7 +2.4
EGOR	Sierra Gorda	3.79	71	P	Pn	00 27 28.0 +2.3
EGOR				S	S	00 28 11.7 +2.4
EADA	Adamuz	3.90	54	↑P	Pn	00 27 29.5 +2.4
EADA				S	S	00 28 12.3 +0.5
EADA	Adamuz	3.90	54	P	Pn	00 27 29.5 +2.4
EADA				S	S	00 28 12.3 +0.5
KIB	Ei Ksiba	3.98	147	S	S	00 28 09.0 -4.8
PCBR	Castelo Branco	3.98	12	ePn	Pn	00 27 30.3 +2.2
PCBR				eSn	A	00 28 14.1 +0.4
PCBR	Castelo Branco	3.98	12	P	Pn	00 27 30.3 +2.2
PCBR				S	S	00 28 14.1 +0.4
PCAS	Casmilio, Conde	4.10	1	ePn	Pn	00 27 31.9 +2.2
PCAS				eSn	A	00 28 16.5 0.0
PCAS	Casmilio, Conde	4.10	1	P	Pn	00 27 31.9 +2.2
PCAS				S	S	00 28 16.5 0.0
SELV	Sierra Elvira	4.12	70	↑P	Pn	00 27 32.8 +2.7
SELV				S	S	00 28 17.6 +0.3
SELV	Sierra Elvira	4.12	70	P	Pn	00 27 32.8 +2.7
SELV				S	S	00 28 17.6 +0.3
CZD	Col de Zad	4.13	134	P	Pn	00 27 31.0 +0.5
CZD				S	S	00 27 31.0 +0.5
CZD	Col de Zad	4.13	134	↑P	Pn	00 27 31.0 +0.5
CZD				S	S	00 27 31.0 +0.5
TZC	Tazercounte	4.18	155	P	Pn	00 27 30.0 -1.0
TZC				S	S	00 28 12.0 -6.8
EQUE	Quantar	4.33	72	P	Pn	00 27 35.6 +2.5
EQUE				S	S	00 28 23.7 +1.1
EQUE	Quantar	4.33	72	P	Pn	00 27 35.6 +2.5
EQUE				S	S	00 28 23.7 +1.1
CIA	Chichauoua	4.38	182	P	Pn	00 27 33.0 -0.6
CIA				S	S	00 28 16.0 -7.5
MTE	Manteigas	4.52	10	ePn	Pn	00 27 37.6 +2.0
MTE				eSn	A	00 28 26.5 -0.5
MTE	Manteigas	4.52	10	P	Pn	00 27 37.6 +2.0
MTE				S	S	00 28 26.5 -0.5
EPLA	Plasencia	4.56	25	P	Pn	00 27 38.3 +2.2
EPLA				S	S	00 28 27.8 -0.3
EPLA	Plasencia	4.56	25	P	Pn	00 27 38.3 +2.2
EPLA				S	S	00 28 27.8 -0.3
EMEL	Melilla	4.64	96	P	Pn	00 27 37.8 +0.7
EMEL				S	S	00 28 27.6 -2.4
GORA	Gorate	4.72	69	P	Pn	00 27 40.6 +2.3
GORA				S	S	00 28 32.5 +0.5
GORA	Gorate	4.72	69	P	Pn	00 27 40.6 +2.3
GORA				S	S	00 28 32.5 +0.5
OUK	Oukaimeden	4.77	172	P	Pn	00 27 38.0 -1.3
OUK				S	S	00 28 26.0 -7.6
PVIS	Visu	4.79	6	ePn	Pn	00 27 41.2 +1.9
PVIS				eSn	A	00 28 33.1 -0.6
PVIS	Visu	4.79	6	P	Pn	00 27 41.2 +1.9
PVIS				S	S	00 28 33.1 -0.6
EQES	Quesada	4.80	66	P	Pn	00 27 41.5 +2.0
EQES				S	S	00 28 34.9 +0.9
EQES	Quesada	4.80	66	P	Pn	00 27 41.5 +2.0
EQES				S	S	00 28 34.9 +0.9
PTO	Porto	5.18	360	ePn	Pn	00 27 46.3 +1.7
PTO				eSn	A	00 28 41.4 -1.8
PTO	Porto	5.18	360	P	Pn	00 27 46.3 +1.7
PTO				S	S	00 28 41.4 -1.8
ESDC	Sonsecia Arry	5.22	43			

15d Oh

Table of astronomical observations for 15d Oh, listing station names, coordinates, and observation details.

ICD 15 00:26:29.5-0.9, 15:96S:74:33W, h0km, mb3.8/8, mb1.3/9.10, mb1mx3.8/25, mbtmp3.8/10, ML3.5/2, MS3.1/2, Ms1.3/1.2, ms1mx2.8/24, Error ellipse: s-maj=29.1km s-min=21.3km az=50.0

ISCJB 15 00:26:33.9-0.5, 15:92S:0:06:74:30W, 0:05, h49km, mb4.3/11, Error ellipse: s-maj=10.0km s-min=6.0km az=30.8

NEIC 15 00:26:33.0, 16:12S:74:67W, h37km, mb4.8/4, After ARE, NEIC Fell (I) at Chala, NEIC Fell (II) at Chala, ISC 15 00:26:35.5-0.6, 15:94S:0:08:74:32W, 0:06, h49km, n43, r=093/37, mb4.0/11, 1C, Near coast of Peru

Table of astronomical observations for stations ARE through PLCA, including station names, coordinates, and observation details.

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Table of astronomical observations for stations PLCA through SONM, including station names, coordinates, and observation details.

DJA 15 00:40:07.0-9.2, S 3:124E, h19km, mb3.9/1, mb3.9/1, MLV3.6/9, Sulawesi

Table of astronomical observations for stations LUWI through BKSI, including station names, coordinates, and observation details.

IDC 15 00:49:16.5-1.4, 6:91N:73:85W, h0km, mb3.1/1, mb1.3/4.3, mb1mx3.2/30, mbtmp3.2/3, ML1.9/2, Error ellipse: s-maj=36.3km s-min=17.7km az=131.0, FUNV 15 00:49:19.6, 6:61N:73:83W, h89km, MW3.4, RNSC 15 00:49:20.0-0.7, 6:65N:73:54W, h9km, Tm, ML3.2, ISC 15 00:49:17.5-1.2, 6:70N:0:03:73:68W, 0:04, h4km, 10km, n26, r123/37, 1C-1D, Northern Colombia

Table of astronomical observations for stations BARC through RUSC, including station names, coordinates, and observation details.

Table of astronomical observations for stations OCAC through ROSC, including station names, coordinates, and observation details.

Table of astronomical observations for stations TOLC through WRA, including station names, coordinates, and observation details.

DDA 15 00:49:41.8, 36:81N:26:46E, h8km, MD2.7, CSEM 15 00:49:42.9-0.2, 36:79N:26:53E, h2km, ML2.1, Error ellipse: s-maj=4.4km s-min=2.7km az=161.0, ATH 15 00:49:42.6, 36:84N:26:53E, h42km, 2km, ML2.0/2, Error ellipse: s-maj=2.6km s-min=1.2km az=137.0, Analyst: Chousiantis ML Amplitudes are expressed in micrometres All distances are expressed in km

ISK 15 00:49:42.8, 36:80N:26:56E, h3km, MD2.8, ISCJB 15 00:49:43.0-0.6, 36:78N:0:03:26:55E:0:03, h12km, 5km, Error ellipse: s-maj=5.2km s-min=3.1km az=159.8, THE 15 00:49:43.0, 36:83N:26:54E, h11km, 1km, ML2.1/3, Error ellipse: s-maj=1.7km s-min=0.3km az=79.0, ISC 15 00:49:42.7, 1.1, 36:80N:0:02:26:53E:0:02, h11km, gkm, n43, r056/74, Dodocane Islands

Table of astronomical observations for stations NISR through NISR, including station names, coordinates, and observation details.

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Table of astronomical observations for stations NISR through BLCB, including station names, coordinates, and observation details.

ISCJB 15 00:54:04.3-0.6, 26:97N:0:07:143:77E:0:05, h10km, mb4.1/16, Error ellipse: s-maj=9.6km s-min=6.1km az=169.4

IDC 15 00:54:05.2-0.9, 26:83N:143:62E, h0km, mb3.9/10, mb1.4/0.13, mb1mx3.8/43, mbtmp3.9/13, ML3.1/2, MS2.5/1, Ms1.2/5.1, ms1mx2.3/37, Error ellipse: s-maj=22.9km s-min=18.0km az=16.0

NEIC 15 00:54:06.4-0.5, 26:75N:143:64E, h10km, mb4.6/6, Error ellipse: s-maj=15.1km s-min=10.9km az=64.0, JMA 15 00:54:07.1-0.1, 27:24N:143:69E, h22km, ISC 15 00:54:06.4-0.7, 26:91N:0:09:143:63E:0:06, h10km, n29, r121/30, mb4.0/16, Bonin Islands region

Table of astronomical observations for stations Code through LPZA, including station names, coordinates, and observation details.

ROM 15 00:56:49.9-0.4, 39:59N:15:04E, h348km, 5km, M13.5/26, Error ellipse: s-maj=6.3km s-min=4.1km az=112.0, LDG 15 00:56:52.0-0.1, 39:16N:14:48E, h323km, MD2.8/5, Error ellipse: s-maj=5.9km s-min=3.5km az=31.0

ISCJB 15 00:56:52.9-0.2,39.67N;0.03-14.78E;0.03,h329km,2km, mb3.4/16,Error ellipse: s-maj=4.4km s-min=3.2km az=27.3
 CSEM 15 00:56:53.7-0.2,39.66N;14.87E,h325km,2km,ML3.7/6, Error ellipse: s-maj=5.7km s-min=4.0km az=7.0
 IDC 15 00:56:54.3-0.5,39.77N;14.73E,h330km,7km,mb3.2/17, mb1.3/3/31,mb1mx3.2/56,mbtmp3.9/31,Error ellipse: s-maj=9.2km s-min=8.6km az=50.0
 THE 15 00:56:57.7,39.58N;15.55E,h297km,1km,Error ellipse: s-maj=5.5km s-min=1.7km az=267.0

ISC 15 00:56:53.0-0.5,39.75N;0.06-14.82E;0.05,h319km,5km, n279.1,1935/292,mb3.5/16,29C-31D,Tyrrhenia-Sea

Code	Station Name	Δ°	AZ°	Phase ID	Op	ISC	Time	Res
CUC	Castrocuoco	0.80	72	iP	Pg	S	00 57 35.9 +0.8	0.5
CUC	60nm,0.3s					S	00 58 08.8 +0.5	
CUC	Castrocuoco	0.80	72 <td>iP <td>Pg</td> <td>S</td> <td>00 57 35.9 +0.8</td> <td>0.5</td> </td>	iP <td>Pg</td> <td>S</td> <td>00 57 35.9 +0.8</td> <td>0.5</td>	Pg	S	00 57 35.9 +0.8	0.5
CUC	60nm,0.3s					S	00 58 08.8 +0.5	
SLCN	Sala Consilina	0.89	44 <td>iP <td>Pg</td> <td>Pn</td> <td>00 57 36.8 +1.3</td> <td>1.40nm,0.4s</td> </td>	iP <td>Pg</td> <td>Pn</td> <td>00 57 36.8 +1.3</td> <td>1.40nm,0.4s</td>	Pg	Pn	00 57 36.8 +1.3	1.40nm,0.4s
SLCN	140nm,0.4s					Pn	00 57 36.8 +1.3	
SLCN	Sala Consilina	0.89	44 <td>iP <td>Pg</td> <td>Pn</td> <td>00 57 36.8 +1.3</td> <td>1.40nm,0.4s</td> </td>	iP <td>Pg</td> <td>Pn</td> <td>00 57 36.8 +1.3</td> <td>1.40nm,0.4s</td>	Pg	Pn	00 57 36.8 +1.3	1.40nm,0.4s
MMN	Mormanno	0.91	81 <td>iP <td>Pg</td> <td>Pn</td> <td>00 57 36.2 +0.8</td> <td>10.0nm,0.7s</td> </td>	iP <td>Pg</td> <td>Pn</td> <td>00 57 36.2 +0.8</td> <td>10.0nm,0.7s</td>	Pg	Pn	00 57 36.2 +0.8	10.0nm,0.7s
MMN	10.0nm,0.7s					Pn	00 57 36.2 +0.8	
MMN	Mormanno	0.91	81 <td>iP <td>Pg</td> <td>Pn</td> <td>00 57 36.2 +0.8</td> <td>10.0nm,0.7s</td> </td>	iP <td>Pg</td> <td>Pn</td> <td>00 57 36.2 +0.8</td> <td>10.0nm,0.7s</td>	Pg	Pn	00 57 36.2 +0.8	10.0nm,0.7s
MCEL	Monticello	0.95	52 <td>Pg</td> <td>Pg</td> <td>Pn</td> <td>00 57 37.3 +1.6</td> <td>137nm,0.4s</td>	Pg	Pg	Pn	00 57 37.3 +1.6	137nm,0.4s
MCEL	137nm,0.4s					Pn	00 57 37.3 +1.6	
MCEL	Monticello	0.95	52 <td>Pg</td> <td>Pg</td> <td>Pn</td> <td>00 57 37.3 +1.6</td> <td>137nm,0.4s</td>	Pg	Pg	Pn	00 57 37.3 +1.6	137nm,0.4s
SCHR	S. Chirico Rap	1.06	64 <td>iP <td>Pg</td> <td>S</td> <td>00 57 37.5 +1.3</td> <td>32nm,0.5s</td> </td>	iP <td>Pg</td> <td>S</td> <td>00 57 37.5 +1.3</td> <td>32nm,0.5s</td>	Pg	S	00 57 37.5 +1.3	32nm,0.5s
SCHR	32nm,0.5s					S	00 58 12.8 +2.5	
CARI	CAROLEI	1.18	114 <td>iP <td>Pg</td> <td>S</td> <td>00 57 36.4 -0.4</td> <td>333nm,0.7s</td> </td>	iP <td>Pg</td> <td>S</td> <td>00 57 36.4 -0.4</td> <td>333nm,0.7s</td>	Pg	S	00 57 36.4 -0.4	333nm,0.7s
CARI	333nm,0.7s					S	00 58 09.7 -1.7	
CARI	CAROLEI	1.18	114 <td>iP <td>Pg</td> <td>S</td> <td>00 57 36.4 -0.4</td> <td>333nm,0.7s</td> </td>	iP <td>Pg</td> <td>S</td> <td>00 57 36.4 -0.4</td> <td>333nm,0.7s</td>	Pg	S	00 57 36.4 -0.4	333nm,0.7s
IFIL	Filicudi 1eol	1.20	190 <td>Pg</td> <td>Pg</td> <td>S</td> <td>00 57 37.6 +0.7</td> <td>143nm,0.5s</td>	Pg	Pg	S	00 57 37.6 +0.7	143nm,0.5s
IFIL	143nm,0.5s					Pn	00 57 37.6 +0.7	
IFIL	Filicudi 1eol	1.20	190 <td>Pg</td> <td>Pg</td> <td>Pn</td> <td>00 57 37.6 +0.7</td> <td>143nm,0.5s</td>	Pg	Pg	Pn	00 57 37.6 +0.7	143nm,0.5s
ORI	Oriolo Calabro	1.29	75 <td>iP <td>Pg</td> <td>Pn</td> <td>00 57 38.1 +0.8</td> <td>219nm,0.4s</td> </td>	iP <td>Pg</td> <td>Pn</td> <td>00 57 38.1 +0.8</td> <td>219nm,0.4s</td>	Pg	Pn	00 57 38.1 +0.8	219nm,0.4s
ORI	219nm,0.4s					Pn	00 57 38.1 +0.8	
ORI	Oriolo Calabro	1.29	75 <td>iP <td>Pg</td> <td>Pn</td> <td>00 57 38.1 +0.8</td> <td>219nm,0.4s</td> </td>	iP <td>Pg</td> <td>Pn</td> <td>00 57 38.1 +0.8</td> <td>219nm,0.4s</td>	Pg	Pn	00 57 38.1 +0.8	219nm,0.4s
PAOL	Paolisi	1.30	351 <td>Pg</td> <td>Pg</td> <td>Pn</td> <td>00 57 39.4 +2.1</td> <td>28nm,0.3s</td>	Pg	Pg	Pn	00 57 39.4 +2.1	28nm,0.3s
PAOL	28nm,0.3s					Pn	00 57 39.4 +2.1	
PAOL	Paolisi	1.30	351 <td>Pg</td> <td>Pg</td> <td>Pn</td> <td>00 57 39.4 +2.1</td> <td>28nm,0.3s</td>	Pg	Pg	Pn	00 57 39.4 +2.1	28nm,0.3s
CRAC	Craco	1.38	63 <td>Pg</td> <td>Pg</td> <td>Pn</td> <td>00 57 38.3 +0.5</td> <td>80nm,0.2s</td>	Pg	Pg	Pn	00 57 38.3 +0.5	80nm,0.2s
CRAC	80nm,0.2s					Pn	00 57 38.3 +0.5	
CRAC	Craco	1.38	63 <td>Pg</td> <td>Pg</td> <td>Pn</td> <td>00 57 38.3 +0.5</td> <td>80nm,0.2s</td>	Pg	Pg	Pn	00 57 38.3 +0.5	80nm,0.2s
MRB1	Monte Rocchett	1.38	5 <td>iP <td>Pg</td> <td>Pn</td> <td>00 57 39.8 +2.0</td> <td>46nm,0.6s</td> </td>	iP <td>Pg</td> <td>Pn</td> <td>00 57 39.8 +2.0</td> <td>46nm,0.6s</td>	Pg	Pn	00 57 39.8 +2.0	46nm,0.6s
MRB1	46nm,0.6s					Pn	00 57 39.8 +2.0	
MRB1	Monte Rocchett	1.38	5 <td>iP <td>Pg</td> <td>Pn</td> <td>00 57 39.8 +2.0</td> <td>46nm,0.6s</td> </td>	iP <td>Pg</td> <td>Pn</td> <td>00 57 39.8 +2.0</td> <td>46nm,0.6s</td>	Pg	Pn	00 57 39.8 +2.0	46nm,0.6s
MILZ	Milazzo	1.51	168 <td>iP <td>Pg</td> <td>S</td> <td>00 57 38.6 0.0</td> <td>295nm,0.4s</td> </td>	iP <td>Pg</td> <td>S</td> <td>00 57 38.6 0.0</td> <td>295nm,0.4s</td>	Pg	S	00 57 38.6 0.0	295nm,0.4s
MILZ	295nm,0.4s					S	00 58 15.8 +1.2	
MILZ	Milazzo	1.51	168 <td>iP <td>Pg</td> <td>S</td> <td>00 57 38.6 0.0</td> <td>295nm,0.4s</td> </td>	iP <td>Pg</td> <td>S</td> <td>00 57 38.6 0.0</td> <td>295nm,0.4s</td>	Pg	S	00 57 38.6 0.0	295nm,0.4s
GRI	Girfalco	1.54	126 <td>Pg</td> <td>Pg</td> <td>S</td> <td>00 57 38.6 -0.3</td> <td>156nm,0.5s</td>	Pg	Pg	S	00 57 38.6 -0.3	156nm,0.5s
GRI	156nm,0.5s					S	00 58 14.0 -1.1	
GRI	Girfalco	1.54	126 <td>Pg</td> <td>Pg</td> <td>S</td> <td>00 57 38.6 -0.3</td> <td>156nm,0.5s</td>	Pg	Pg	S	00 57 38.6 -0.3	156nm,0.5s
PIPA	Pietrapola	1.56	99 <td>iP <td>Pg</td> <td>Pn</td> <td>00 57 39.3 +0.4</td> <td>100nm,0.4s</td> </td>	iP <td>Pg</td> <td>Pn</td> <td>00 57 39.3 +0.4</td> <td>100nm,0.4s</td>	Pg	Pn	00 57 39.3 +0.4	100nm,0.4s
PIPA	100nm,0.4s					Pn	00 57 39.3 +0.4	
PIPA	Pietrapola	1.56	99 <td>iP <td>Pg</td> <td>Pn</td> <td>00 57 39.3 +0.4</td> <td>100nm,0.4s</td> </td>	iP <td>Pg</td> <td>Pn</td> <td>00 57 39.3 +0.4</td> <td>100nm,0.4s</td>	Pg	Pn	00 57 39.3 +0.4	100nm,0.4s
MSC	Monte Massico	1.58	336	Pg	Pg	Pn	00 57 41.5 +2.6	271nm,0.4s
MSC	271nm,0.4s					Pn	00 57 41.5 +2.6	
MSC	Monte Massico	1.58	336	Pg	Pg	Pn	00 57 41.5 +2.6	271nm,0.4s
TIP	Timpagrande	1.60	110 <td>P</td> <td>Sg</td> <td>S</td> <td>00 57 39.3 -0.4</td> <td>100nm,0.4s</td>	P	Sg	S	00 57 39.3 -0.4	100nm,0.4s
TIP	100nm,0.4s					S	00 58 14.2 -1.6	
TIP	Timpagrande	1.60	110 <td>P</td> <td>Sg</td> <td>S</td> <td>00 57 39.3 -0.4</td> <td>100nm,0.4s</td>	P	Sg	S	00 57 39.3 -0.4	100nm,0.4s
MPNC	Port Mandanici	1.65	165 <td>Pg</td> <td>Pg</td> <td>Pn</td> <td>00 57 39.0 -0.6</td> <td>231nm,0.4s</td>	Pg	Pg	Pn	00 57 39.0 -0.6	231nm,0.4s
MPNC	231nm,0.4s					Pn	00 57 39.0 -0.6	
MPNC	Port Mandanici	1.65	165 <td>Pg</td> <td>Pg</td> <td>Pn</td> <td>00 57 39.0 -0.6</td> <td>231nm,0.4s</td>	Pg	Pg	Pn	00 57 39.0 -0.6	231nm,0.4s
SGG	Gregorio Mates	1.67	348	Pg	Pg	Pn	00 57 42.1 +2.5	61nm,1.7s
SGG	61nm,1.7s					Pn	00 57 42.1 +2.5	
SGG	Gregorio Mates	1.67	348	Pg	Pg	Pn	00 57 42.1 +2.5	61nm,1.7s
MCSL	Scilla	1.69	153 <td>Pg</td> <td>Pg</td> <td>Pn</td> <td>00 57 38.9 -1.0</td> <td>271nm,0.4s</td>	Pg	Pg	Pn	00 57 38.9 -1.0	271nm,0.4s
MCSL	271nm,0.4s					Pn	00 57 38.9 -1.0	
MCSL	Scilla	1.69	153 <td>Pg</td> <td>Pg</td> <td>Pn</td> <td>00 57 38.9 -1.0</td> <td>271nm,0.4s</td>	Pg	Pg	Pn	00 57 38.9 -1.0	271nm,0.4s
MATE	Matera	1.70	57 <td>iP <td>Pg</td> <td>Pn</td> <td>00 57 39.6 -0.1</td> <td>78nm,0.7s</td> </td>	iP <td>Pg</td> <td>Pn</td> <td>00 57 39.6 -0.1</td> <td>78nm,0.7s</td>	Pg	Pn	00 57 39.6 -0.1	78nm,0.7s
MATE	78nm,0.7s					Pn	00 57 39.6 -0.1	
MATE	Matera	1.70	57 <td>iP <td>Pg</td> <td>Pn</td> <td>00 57 39.6 -0.1</td> <td>78nm,0.7s</td> </td>	iP <td>Pg</td> <td>Pn</td> <td>00 57 39.6 -0.1</td> <td>78nm,0.7s</td>	Pg	Pn	00 57 39.6 -0.1	78nm,0.7s
LADO	San Nicola del	1.73	105 <td>iP <td>Pg</td> <td>Pn</td> <td>00 57 39.9 -0.1</td> <td>176nm,0.3s</td> </td>	iP <td>Pg</td> <td>Pn</td> <td>00 57 39.9 -0.1</td> <td>176nm,0.3s</td>	Pg	Pn	00 57 39.9 -0.1	176nm,0.3s
LADO	176nm,0.3s					Pn	00 57 39.9 -0.1	
LADO	San Nicola del	1.73	105 <td>iP <td>Pg</td> <td>Pn</td> <td>00 57 39.9 -0.1</td> <td>176nm,0.3s</td> </td>	iP <td>Pg</td> <td>Pn</td> <td>00 57 39.9 -0.1</td> <td>176nm,0.3s</td>	Pg	Pn	00 57 39.9 -0.1	176nm,0.3s
CDT	Castel del Mon	1.73	99 <td>iP</td> <td>Pg</td> <td>Pn</td> <td>00 57 40.3 +0.3</td> <td>200nm,1.0s</td>	iP	Pg	Pn	00 57 40.3 +0.3	200nm,1.0s
CDT	200nm,1.0s					Pn	00 57 41.1 +0.2	
CDT	Castel del Mon	1.73	99 <td>iP <td>Pg</td> <td>Pn</td> <td>00 57 40.3 +0.3</td> <td>200nm,1.0s</td> </td>	iP <td>Pg</td> <td>Pn</td> <td>00 57 40.3 +0.3</td> <td>200nm,1.0s</td>	Pg	Pn	00 57 40.3 +0.3	200nm,1.0s
PLLN	Pollina	1.83	197 <td>Pg</td> <td>Pg</td> <td>Pn</td> <td>00 57 41.1 +0.2</td> <td>230nm,1.0s</td>	Pg	Pg	Pn	00 57 41.1 +0.2	230nm,1.0s
PLLN	230nm,1.0s					Pn	00 57 41.1 +0.2	
PLLN	Pollina	1.83	197 <td>Pg</td> <td>Pg</td> <td>Pn</td> <td>00 57 41.1 +0.2</td> <td>230nm,1.0s</td>	Pg	Pg	Pn	00 57 41.1 +0.2	230nm,1.0s
GIB	Gibilmanna	1.86	200 <td>Pg</td> <td>Pg</td> <td>Pn</td> <td>00 57 41.1 0.0</td> <td>146nm,0.7s</td>	Pg	Pg	Pn	00 57 41.1 0.0	146nm,0.7s
GIB	146nm,0.7s					Pn	00 58 19.5 +0.4	
GIB	Gibilmanna	1.86	200 <td>Pg</td> <td>Pg</td> <td>Pn</td> <td>00 57 41.1 0.0</td> <td>146nm,0.7s</td>	Pg	Pg	Pn	00 57 41.1 0.0	146nm,0.7s
SOI	Samo	1.93	150 <td>Pg</td> <td>Pg</td> <td>Pn</td> <td>00 57 40.5 -1.0</td> <td>83nm,0.5s</td>	Pg	Pg	Pn	00 57 40.5 -1.0	83nm,0.5s
SOI	83nm,0.5s					Pn	00 57 40.5 -1.0	
SOI	Samo	1.93	150 <td>Pg</td> <td>Pg</td> <td>Pn</td> <td>00 57 40.5 -1.0</td> <td>83nm,0.5s</td>	Pg	Pg	Pn	00 57 40.5 -1.0	83nm,0.5s
SOLU	Solunto	1.94	212 <td>Pg</td> <td>Pg</td> <td>Pn</td> <td>00 57 42.1 +0.6</td> <td>76nm,1.3s</td>	Pg	Pg	Pn	00 57 42.1 +0.6	76nm,1.3s
SOLU	76nm,1.3s					Pn	00 57 42.1 +0.6	
SOLU	Solunto	1.94	212 <td>Pg</td> <td>Pg</td> <td>Pn</td> <td>00 57 42.1 +0.6</td> <td>76nm,1.3s</td>	Pg	Pg	Pn	00 57 42.1 +0.6	76nm,1.3s
MPAZ	Palizzi	2.01	152 <td>Pg</td> <td>Pg</td> <td>Pn</td> <td>00 57 41.3 -0.9</td> <td>98nm,0.5s</td>	Pg	Pg	Pn	00 57 41.3 -0.9	98nm,0.5s
MPAZ	98nm,0.5s					Pn	00 57 41.3 -0.9	
MPAZ	Palizzi	2.01	152 <td>Pg</td> <td>Pg</td> <td>Pn</td> <td>00 57 41.3 -0.9</td> <td>98nm,0.5s</td>	Pg	Pg	Pn	00 57 41.3 -0.9	98nm,0.5s
TARI	Taranto	2.04	67 <td>iP</td> <td>Pg</td> <td>Pn</td> <td>00 57 41.8 -0.4</td> <td>14nm,0.5s</td>	iP	Pg	Pn	00 57 41.8 -0.4	14nm,0.5s
TARI	14nm,0.5s					Pn	00 57 42.8 +0.4	
TARI	Taranto	2.04	67 <td>iP</td> <td>Pg</td> <td>Pn</td> <td>00 57 41.8 -0.4</td> <td>14nm,0.5s</td>	iP	Pg	Pn	00 57 41.8 -0.4	14nm,0.5s
BAI	Barì	2.08	67 <td>iP</td> <td>Pg</td> <td>Pn</td> <td>00 57 42.8 +0.4</td> <td>14nm,0.5s</td>	iP	Pg	Pn	00 57 42.8 +0.4	14nm,0.5s
BAI	14nm,0.5s					Pn	00 57 44.3 +0.9	
BAI	Barì	2.08	67 <td>iP</td> <td>Pg</td> <td>Pn</td> <td>00 57 42.8 +0.4</td> <td>14nm,0.5s</td>	iP	Pg	Pn	00 57 42.8 +0.4	14nm,0.5s
ALJA	Alia	2.16	203 <td>Pg</td> <td>Pg</td> <td>Pn</td> <td>00 57 44.3 +0.9</td> <td>594nm,1.5s</td>	Pg	Pg	Pn	00 57 44.3 +0.9	594nm,1.5s
ALJA	594nm,1.5s					Pn	00 57 45.2 +2.0	
ALJA	Alia	2.16	203 <td>Pg</td> <td>Pg</td> <td>Pn</td> <td>00 57 44.3 +0.9</td> <td>594nm,1.5s</td>	Pg	Pg	Pn	00 57 44.3 +0.9	594nm,1.5s
GIUL	Giuliano Di Ro	2.17	327 <td>iP <td>Pg</td> <td>Pn</td> <td>00 57 45.2 +2.0</td> <td>44nm,0.3s</td> </td>	iP <td>Pg</td> <td>Pn</td> <td>00 57 45.2 +2.0</td> <td>44nm,0.3s</td>	Pg	Pn	00 57 45.2 +2.0	44nm,0.3s
GIUL	44nm,0.3s					Pn	00 57 45.2 +2.0	
GIUL	Giuliano Di Ro	2.17	327 <td>iP <td>Pg</td> <td>Pn</td> <td>00 57 45.2 +2.0</td> <td>44nm,0.3s</td> </td>	iP <td>Pg</td> <td>Pn</td> <td>00 57 45.2 +2.0</td> <td>44nm,0.3s</td>	Pg	Pn	00 57 45.2 +2.0	44nm,0.3s
VAE	Valguarnera	2.29	188 <td>P</td> <td>S</td> <td>S</td> <td>00 57 45.6 +1.3</td> <td>4.8nm,0.3s,mbaz=349,slow=9.0,SNR=22</td>	P	S	S	00 57 45.6 +1.3	4.8nm,0.3s,mbaz=349,slow=9.0,SNR=22
VAE	4.8nm,0.3s,mbaz=349,slow=9.0,SNR=22					S	00 58 28.6 +3.6	
VAE	Valguarnera	2.29	188 <td>P</td> <td>S</td> <td>S</td> <td>00 57 45.6 +1.3</td> <td>4.8nm,0.3s,mbaz=349,slow=9.0,SNR=22</td>	P	S	S	00 57 45.6 +1.3	4.8nm,0.3s,mbaz=349,slow=9.0,SNR=22
MESG	Mesagne	2.47	69 <td>iP <td>Pg</td> <td>Pn</td> <td>00 57 45.7 +0.1</td> <td>baz=264,slow=10,SNR=1.9</td> </td>	iP <td>Pg</td> <td>Pn</td> <td>00 57 45.7 +0.1</td> <td>baz=264,slow=10,SNR=1.9</td>	Pg	Pn	00 57 45.7 +0.1	baz=264,slow=10,SNR=1.9
MESG	baz=264,slow=10,SNR=1.9					Pn	00 57 45.7 +0.1	
MESG	Mesagne	2.47	69 <td>iP <td>Pg</td> <td>Pn</td> <td>00 57 45.7 +0.1</td> <td>baz=264,slow=10,SNR=1.9</td> </td>	iP <td>Pg</td> <td>Pn</td> <td>00 57 45.7 +0.1</td> <td>baz=264,slow=10,SNR=1.9</td>	Pg	Pn	00 57 45.7 +0.1	baz=264,slow=10,SNR=1.9
CLTB	Catibellotta	2.50	211 <td>Pg</td> <td>Pg</td> <td>Pn</td> <td>00 57 46.7 +0.5</td> <td>164nm,0.6s</td>	Pg	Pg	Pn	00 57 46.7 +0.5	164nm,0.6s
CLTB	164nm,0.6s					Pn	00 57 46.7 +0.5	
CLTB	Catibellotta	2.50	211 <td>Pg</td> <td>Pg</td> <td>Pn</td> <td>00 57 46.7 +0.5</td> <td>164nm,0.6s</td>	Pg	Pg	Pn	00 57 46.7 +0.5	164nm,0.6s
STON	Ston	3.80	34 <td>ePn</td> <td>Pn</td> <td>Pn</td> <td>00 57 59.0 +0.6</td> <td>164nm,0.6s</td>	ePn	Pn	Pn	00 57 59.0 +0.6	164nm,0.6s
STON	164nm,0.6s					Pn	00 57 59.0 +0.6	
STON	Ston	3.80	34 <td>ePn</td> <td>Pn</td> <td>Pn</td> <td>00 57 59.0 +0.6</td> <td>164nm,0.6s</td>	ePn	Pn	Pn	00 57 59.0 +0.6	164nm,0.6s
STON	3.80	34 <td>ePn</td> <td>Pn</td> <td>Pn</td> <td>00 57 59.4 +1.0</td> <td></td>	ePn	Pn	Pn	00 57 59.4 +1.0		
STON	00 57 59.4 +1.0					Pn	00 57 58.9 0.0	
STON	Ston	3.80	34 <td>ePn</td> <td>Pn</td> <td>Pn</td> <td>00 57 59.4 +1.0</td> <td>00 57 58.9 0.0</td>	ePn	Pn	Pn	00 57 59.4 +1.0	00 57 58.9 0.0
KEK	Kerkira	3.84	89 <td>P</td> <td>S</td> <td>S</td> <td>00 57 58.9 0.0</td> <td></td>	P	S	S	00 57 58.9 0.0	
KEK	00 57 58.9 0.0					S	00 58 02.8 +3.6	
KEK	Kerkira	3.84	89 <td>P</td> <td>S</td> <td>S</td> <td>00 57 58.9 0.0</td> <td>00 58 02.8 +3.6</td>	P	S	S	00 57 58.9 0.0	00 58 02.8 +3.6
HCY	Herceg Novi	3.87	45 <td>eP</td> <td>Pn</td> <td>Pn</td> <td>00 58 02.8 +3.6</td> <td></td>	eP	Pn	Pn	00 58 02.8 +3.6	
HCY	00 58 02.8 +3.6					Pn	00 58 03.1 +1.4	
HCY	Herceg Novi	3.87	45 <td>eP</td> <td>Pn</td> <td>Pn</td> <td>00 58 02.8 +3.6</td> <td>00 58 03.1 +1.4</td>	eP	Pn	Pn	00 58 02.8 +3.6	00 58 03.1 +1.4
DRME	Dracevica, Mon	4.10	52 <td>iP <td>Pg</td> <td>Pn</td> <td>00 58 02.4 -0.2</td> <td></td> </td>	iP <td>Pg</td> <td>Pn</td> <td>00 58 02.4 -0.2</td> <td></td>	Pg	Pn	00 58 02.4 -0.2	
DRME	00 58 02.4 -0.2					Pn	00 58 02.4 -0.2	
DRME	Dracevica, Mon	4.10	52 <td>iP <td>Pg</td> <td>Pn</td> <td>00 58 02.4 -0.2</td> <td>00 58 02.4 -0.2</td> </td>	iP <td>Pg</td> <td>Pn</td> <td>00 58 02.4 -0.2</td> <td>00 58 02.4 -0.2</td>	Pg	Pn	00 58 02.4 -0.2	00 58 02.4 -0.2
SGD	Sagda	4.18	90 <td>P</td> <td>S</td> <td>S</td> <td>00 58 03.4 +1.0</td> <td></td>	P	S	S	00 58 03.4 +1.0	
SGD	00 58 03.4 +1.0					Pn	00 58 03.8 +0.3	
SGD	Sagda	4.18	90 <td>P</td> <td>S</td> <td>S</td> <td>00 58 03.4 +1.0</td> <td>00 58 03.8 +0.3</td>	P	S	S	00 58 03.4 +1.0	00 58 03.8 +0.3
BRY	Brogoston	4.26	91 <td>P</td> <td>S</td> <td>S</td> <td>00 58 03.8 +0.3</td> <td></td>	P	S	S	00 58 03.8 +0.3	
BRY	00 58 03.8 +0.3					Pn	00 58 05.3 +1.6	
BRY	Brogoston	4.26	91 <td>P</td> <td>S</td> <td>S</td> <td>00 58 03.8 +0.3</td> <td>00 58 05.3 +1.6</td>	P	S	S	00 58 03.8 +0.3	00 58 05.3 +1.6
IGT	Igoumenitsa	4.26	91 <td>P</td> <td>S</td> <td>S</td> <td>00 58 05.3 +1.6</td> <td></td>	P	S	S	00 58 05.3 +1.6	
IGT	00 58 05.3 +1.6					Pn	00 58 05.0 +1.3	
IGT	Igoumenitsa	4.26	91 <td>P</td> <td>S</td> <td>S</td> <td>00 58 05.3 +1.6</td> <td>00 58 05.0 +1.3</td>	P	S	S	00 58 05.3 +1.6	00 58 05.0 +1.3

15d 1h

Table with columns for station name, frequency, power, and other technical details. Includes stations like ZAI, EALB, DKH, EMIJ, etc.

2011 FEB

Table with columns for station name, frequency, power, and other technical details. Includes stations like PCVE, PBEJ, EBAD, MORF, etc.

730

Table with columns for station name, frequency, power, and other technical details. Includes stations like TORO, BVAR, YKA, ISCJB, etc.

comp=Z,0.3nm,0.6s,baz=292,slow=4.8,SNR=2.7
PDAR Pinedale Array 74.40 46 P 01 35 03.2 +0.6

IDC 15 01:30:45.2.3.8.5.73S.149.72E.h0km,mb3.1/2,
mb1 3.5/3,mb1mx3.3/37,mbtmp3.3/3,ML1.6/1,Error
ellipse: s-maj=140.9km s-min=42.0km az=114.0,New
Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Rows include PMG Port Moresby, WRA Warrungarra Arr, ASAR Alice Springs, TORD Torodi Ar. Bea.

IDC 15 01:31:23.3.1.4.6.09S.150.10E.h0km,mb3.8/5,
mb1 4.1/6,mb1mx3.7/38,mbtmp3.9/6,ML1.7/1,MS3.3/5,
MS1 3.3/5,ms1mx3.0/35,Error ellipse: s-maj=62.1km
s-min=21.1km az=111.0,New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Rows include PMG Port Moresby, GUMO Guam, WRA Warrungarra Arr, DZM Mont Dzumac, ASAR Alice Springs, ASAR Torodi Ar. Bea.

IDC 15 01:51:05.0.2.6.26.89N.143.32E.h0km,mb3.6/2,
mb1 3.9/4,mb1mx3.4/45,mbtmp3.7/4,ML3.8/2,MS2.6/1,
MS1 2.6/1,ms1mx2.2/45,Error ellipse: s-maj=57.8km
s-min=28.1km az=64.0,Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Rows include JCJ Chichijima, MJAR Matsushiro Arr, KSRS Korea Array, WRA Warrungarra Arr, MKAR Makianchi Array.

ISCJB 15 01:36:40.1.0.3.31.66N.0.05.99.56E.0.04,h10km,
mb4.0/20,MS3.4/4,Error ellipse: s-maj=6.9km
s-min=4.5km az=177.1

IDC 15 01:36:40.2.0.6.3.1.70N.99.69E.h0km,mb3.9/18,
mb1 4.0/20,mb1mx3.9/45,mbtmp3.9/20,ML3.5/1,MS3.1/3,
MS1 3.1/3,ms1mx2.9/41,Error ellipse: s-maj=21.4km
s-min=13.3km az=53.0

NEIC 15 01:36:41.1.1.9.31.70N.99.62E.h3km,mb2.4/2,
Error ellipse: s-maj=10.1km s-min=8.1km az=223.0

BUI 15 01:36:43.0.31.68N.99.52E.h20km,mb3.7/2,ML3.7/10,
MS3.6/8,MS7 3.5/5

ISC 15 01:36:42.4.0.4.31.69N.0.05.99.52E.0.04,h10km,n55,
a=150/55,mb4.1/20,MS3.0/4,Sichuan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Rows include CD2 Chengdu, LZH Lanzhou, LSA Lhasa, XAN Xi'an, etc.

ISC 15 01:36:42.4.0.4.31.69N.0.05.99.52E.0.04,h10km,n55,
a=150/55,mb4.1/20,MS3.0/4,Sichuan

ISC 15 01:36:42.4.0.4.31.69N.0.05.99.52E.0.04,h10km,n55,
a=150/55,mb4.1/20,MS3.0/4,Sichuan

ISC 15 01:36:42.4.0.4.31.69N.0.05.99.52E.0.04,h10km,n55,
a=150/55,mb4.1/20,MS3.0/4,Sichuan

ISC 15 01:36:42.4.0.4.31.69N.0.05.99.52E.0.04,h10km,n55,
a=150/55,mb4.1/20,MS3.0/4,Sichuan

ISC 15 01:36:42.4.0.4.31.69N.0.05.99.52E.0.04,h10km,n55,
a=150/55,mb4.1/20,MS3.0/4,Sichuan

ISC 15 01:36:42.4.0.4.31.69N.0.05.99.52E.0.04,h10km,n55,
a=150/55,mb4.1/20,MS3.0/4,Sichuan

ISC 15 01:36:42.4.0.4.31.69N.0.05.99.52E.0.04,h10km,n55,
a=150/55,mb4.1/20,MS3.0/4,Sichuan

ISC 15 01:36:42.4.0.4.31.69N.0.05.99.52E.0.04,h10km,n55,
a=150/55,mb4.1/20,MS3.0/4,Sichuan

ISC 15 01:36:42.4.0.4.31.69N.0.05.99.52E.0.04,h10km,n55,
a=150/55,mb4.1/20,MS3.0/4,Sichuan

ISC 15 01:36:42.4.0.4.31.69N.0.05.99.52E.0.04,h10km,n55,
a=150/55,mb4.1/20,MS3.0/4,Sichuan

ISC 15 01:36:42.4.0.4.31.69N.0.05.99.52E.0.04,h10km,n55,
a=150/55,mb4.1/20,MS3.0/4,Sichuan

ISC 15 01:36:42.4.0.4.31.69N.0.05.99.52E.0.04,h10km,n55,
a=150/55,mb4.1/20,MS3.0/4,Sichuan

1.5nm,0.7s,baz=116,slow=10,SNR=3.6
ARU Arti 37.60 323 P 01 43 58.1 +1.1

NRKI Noril'sk 38.31 353 P 01 44 03.5 +0.8
LUWI Luwuk 39.31 411 eP 01 44 13.2 +1.4

KAPI Kappang 41.28 149 LR 02 03 14.5
RAYN Ar Rayn 48.15 274 eP 01 45 22.6 -0.3

BRTR Keskin Array B 53.03 298 P 01 45 59.7 0.0
BR231 Keskin HP Arra 52.85 215 eP 01 46 02.4 -1.8

FINES FINES Array B 54.89 326 P 01 46 12.2 -0.6
ARCES ARCES Array B 55.12 336 P 01 46 16.0 +1.6

WRA Warrungarra Arr 61.24 142 P 01 46 56.9 -0.9
ASAR Alice Springs 64.12 145 P 01 47 16.2 -0.8

KMBO Kilima Bongo 67.27 254 P 01 47 37.6 -0.2
STKA Stephens Creek 74.72 144 P 01 48 21.4 -1.0

YKA Yello 82.22 117 P 01 49 02.2 -1.2
TORD Torodi Ar. Bea 89.71 285 P 01 49 40.2 -1.1

TXAR Lajitas Array 115.44 22 PKP 01 55 24.1 -0.9
IDC 15 01:51:05.0.2.6.26.89N.143.32E.h0km,mb3.6/2,
mb1 3.9/4,mb1mx3.4/45,mbtmp3.7/4,ML3.8/2,MS2.6/1,
MS1 2.6/1,ms1mx2.2/45,Error ellipse: s-maj=57.8km
s-min=28.1km az=64.0,Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Rows include JCJ Chichijima, MJAR Matsushiro Arr, KSRS Korea Array, WRA Warrungarra Arr, MKAR Makianchi Array.

ISCJB 15 02:03:30.1.0.4.50.25N.0.03.18.60E.0.02,h0km,Error
ellipse: s-maj=4.3km s-min=1.9km az=10.9

IPEC 15 02:03:30.8.0.6.50.34N.18.62E.h5km,2km,ML2.0/3,
Error ellipse: s-maj=9.2km s-min=1.2km az=158.0

CSEM 15 02:03:31.5.0.3.50.24N.18.61E.h2km,ML3.0/10,Error
ellipse: s-maj=7.3km s-min=3.0km az=13.0

VIE 15 02:03:33.9.1.4.49.69N.17.70E.h0km,mb2.0/3,ml2.4/4,
Error ellipse: s-maj=9.5km s-min=7.3km az=111.0,
Suspected Mining induced.

ISC 15 02:03:51.5.0.7.50.19N.0.03.18.65E.0.01,h0km,n57,
a=92/98,9C-5D,Poland

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Rows include CHZP Chorow, RAC Raciborz, OKC Ostrava-Krasne, OKC Ojcow, MORC Moravsky Berou, LANS Liptovska Anna, etc.

KSP Ksiadz 1.64 294 eP 02 04 03.0 +0.1
KSP Ksiadz 1.64 294 eP 02 04 03.0 +0.1

VYHS Vyhne 1.70 176 eP 02 04 02.3 -0.1
UPIC Upice 1.72 282 eP 02 04 03.0 +0.0

UPIC Upice 1.72 282 P 02 04 03.0 +0.0
KRUC Moravsky 1.85 233 eP 02 04 04.0 -0.4

STHS Stebnicka Huta 1.85 114 eP 02 04 06.2 0.0
STHS Stebnicka Huta 1.85 114 eP 02 04 06.2 0.0

SMOL Smolence 1.86 206 eS 02 04 29.8 +1.1
KECS Kecoovo 2.09 144 eS 02 04 32.6 -1.8

CRVS Cervenica-Dubn 2.24 124 eP 02 04 12.9 +0.1
CRVS Cervenica-Dubn 2.24 124 eP 02 04 12.9 +0.1

GPS Piszkesteto 2.42 160 eP 02 04 11.5 -0.8
GOPC GOP Cecny, Ondr 2.50 265 eP 02 04 18.1 +0.8

GOPC GOP Cecny, Ondr 2.50 265 P 02 04 18.1 +0.8
PVCC Panska Ves 2.63 279 eP 02 04 21.4 -0.6

PVCC Panska Ves 2.63 279 P 02 04 21.4 -0.6
PRU Pruhonice 2.65 267 eP 02 04 20.5 -0.7

PRU Pruhonice 2.65 267 eP 02 04 20.5 -0.7
PRU Pruhonice 2.65 267 eP 02 04 20.5 -0.7

KOLS Kolonicke sedl 2.67 117 eS 02 04 47.9 -1.0
KOLS Kolonicke sedl 2.67 117 eS 02 04 47.9 -1.0

KWP Kalwaria Pacia 2.68 100 eP 02 04 19.8 -0.5
PRA Prague 2.72 269 eP 02 04 22.1 +1.2

comp=Z,8.2nm,0.4s
PRA Prague 2.72 269 P 02 04 22.1 +1.2

CONA Conrad Observa 2.91 220 eSg 02 05 00.4 -0.1
BRG Berggiesshubel 3.08 285 P 02 04 33.6 +3.1

KHC Kasperske Hory 3.46 254 ePn 02 04 26.7 +0.1
KHC Kasperske Hory 3.46 254 ePn 02 04 26.7 +0.1

MOA Conrad Observa 3.46 254 Pn 02 04 26.7 +0.1
MOA Conrad Observa 3.46 254 Pn 02 04 26.7 +0.1

MOA Conrad Observa 3.46 254 Pn 02 04 26.7 +0.1
MOA Conrad Observa 3.46 254 Pn 02 04 26.7 +0.1

CLL Collin 3.76 290 eSg 02 05 32.0 -0.1
NKC Novy Kostel 3.98 273 eSg 02 05 38.0 -1.4

BZS Buzias 4.99 155 eP 02 04 48.0 +0.4
BURAR Burzova Array 5.04 188 eP 02 04 48.0 +0.4

GZR Gura Zlata 5.54 148 eP 02 04 54.2 -1.1
ISCJB 15 02:08:11.5.0.5.9.10S.0.05.118.46E.0.03,h100km,
mb3.8/4,Error ellipse: s-maj=7.3km s-min=4.2km az=2.3

IDC 15 02:08:13.7.3.4.8.96S.118.54E.h125km,28km,mb3.4/5,
mb1 3.4/8,mb1mx3.3/43,mbtmp3.8/8,Error ellipse:
s-maj=40.3km s-min=10.6km az=59.0

DJA 15 02:08:13.7.3.4.8.96S.118.54E.h125km,28km,mb3.4/5,
mb1 3.4/8,mb1mx3.3/43,mbtmp3.8/8,Error ellipse:
s-maj=40.3km s-min=10.6km az=59.0

ISC 15 02:08:11.7.0.7.9.14S.0.06.118.46E.0.03,h100km,n34,
a=154/33,mb3.7/4,Sumbawa region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Rows include DBNI Kabupaten Domp, TWSI Taliwang, BANI Bangli, etc.

KAPI Kappang 4.29 18 P 02 09 15.3 +0.4
KAPI Kappang 4.29 18 P 02 09 15.3 +0.4

JAGI Jajaj, Banyuwangi 4.30 279 P 02 09 14.8 -0.3
JAGI Jajaj, Banyuwangi 4.30 279 P 02 09 14.8 -0.3

Asem Bagus 4.38 287 P 02 09 14.9 +3.3
Banjargungur 5.00 286 P 02 09 14.9 +3.3

SPSI Sidrap Palu 5.30 14 P 02 09 30.9 +2.3
PMSI Majene 5.62 5 P 02 09 34.7 +1.8

SOEI Soe 5.77 97 P 02 09 35.8 +0.8
TTSI Tana Toraja 6.20 13 P 02 09 42.5 +1.7

KBKI Kotabaru 6.23 338 P 02 09 39.2 -2.0
KDI Kendari 6.60 39 P 02 09 51.5 +5.5

PWJI Pagerwojo 6.67 279 P 02 09 51.5 +5.5
PBWJ Banjar Baru 6.69 327 P 02 09 48.8 +1.4

FITZ Fitzroy Crossi 11.32 143 P 02 10 51.4 +1.0
WRA Warrungarra Arr 18.74 127 P 02 12 23.9 +1.1

ASAR Alice Springs 20.66 136 P 02 12 45.8 +2.1
ASAR Alice Springs 20.66 136 P 02 12 45.8 +2.1

SONM Songino Array 57.72 350 P 02 17 51.0 -1.1
MKAR Makianchi Array 64.33 333 P 02 18 34.9 -1.9

ZALV Zalesovo Beam 68.98 339 P 02 19 02.5 -3.6
AKTO Aktyubinsk 79.03 325 P 02 20 26.0 -2.2

YKA Yellowknife Arr 114.54 24 PKP 02 26 39.2 -0.5
TORD Torodi Ar. Bea 117.95 280 PKP 02 26 47.4 -0.3

SJA 15 02:24:11.1.0.9.24.35S.67.78W.h285km,16km,ML3.4
IDC 15 02:24:13.7.3.4.24.12S.67.40W.h136km,29km,mb3.6/6,
mb1 3.7/9,mb1mx3.2/23,mbtmp4.0/9,Error ellipse:
s-maj=24.9km s-min=3.2km az=69.0

ISCJB 15 02:24:16.2.0.5.24.22S.0.07.67.32W.0.05,h178km,
mb3.6/5,Error ellipse: s-maj=10.1km s-min=4.6km
az=25.0

GUC 15 02:24:19.6.0.4.23.99S.67.82W.h220km,12km,ML4.6
ISC 15 02:24:17.5.0.7.24.22S.0.07.67.33W.0.06,h178km,n23,
a=152/27,mb3.8/5,1D,Chile-Argentina border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Rows include HJA Humahuaca, AZAP Zapla, FSA Cafayete, IPOC Station P, etc.

CPUB Villa Florida 9.29 105 P 02 26 25.9 -1.9
SIV San Ignacio 10.07 97 P 02 26 34.4 -3.7

PLCA Paso Flores 16.69 169 P 02 28 00.7 +0.3
BDFB Brasilia 20.64 80 P 02 28 36.8 -0.4

PTGA Pitanga 24.42 18 P 02 29 19.9 +0.2
TXAR Lajitas Array 63.68 325 P 02 34 29.4 -0.7

DBIC Dimbokro 68.15 72 P 02 34 59.8 +0.9
TORD Torodi Ar. Bea 76.92 69 P 02 35 51.0 +0.4

15d 4h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like YKA Yellowknife Arr, ASAR Alice Springs, WRA Warramunga Arr, ZALV Zalesovo Beam, MKAR Makanchi Array.

ADC 15 02:28:39.7:3.5, 19.675x174.93W, h0km, mb3.5/4, mb1 3.9/4, mb1mx3.6/25, mbtmp3.5/4, Error ellipse: s-maj=190.7km s-min=29.6km az=150.0, Tonga Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ASAR Alice Springs, WRA Warramunga Arr, NVAR Mina Array Bea, ILAR Eielson Array.

ADC 15 02:39:37.1:8.7, 4.825:153.42E, h172km, 58km, mb3.3/4, mb1 3.5/5, mb1mx3.2/26, mbtmp3.8/5, Error ellipse: s-maj=96.7km s-min=40.1km az=107.0, New Ireland region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, MKAR Makanchi Array, TORO Torodi Ar. Bea.

ISCJCB 15 02:43:01.4:1.2, 35.71S:0.09:73.4W, 0.2, h10km, mb3.8/5, MS3.7/4, Error ellipse: s-maj=21.2km s-min=11.3km az=17.4

ADC 15 02:43:01.8:1.9, 35.67S:73.26W, h0km, mb3.9/5, mb1 4.0/6, mb1mx3.8/24, mbtmp3.9/6, ML3.9/1, MS3.8/4, Ms1 3.8/4, ms1mx3.3/24, Error ellipse: s-maj=47.5km s-min=22.0km az=77.0

ADC 15 02:43:03.4:1.2, 35.75S:0.1:73.3W, 0.2, h10km, n20, r1512/15, mb3.8/5, MS3.6/4, Off coast of central Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AUSP Uspallata, RTLS Leoncito, PLCA Paso Flores, PLCA 1.0m, 0.3s, baz=342, slow=13, SNR=9, PLCA 1.7m, 0.3s, baz=287, slow=15, SNR=4.5, RTCV Cerro Valdivia, RTLL Cerro Villucien, AMOG MONGA, AVFE Valle Fertili, AVFE IAML, MRA San Martin, AGUA GUANDACOL, VCA Vinchina, ACLC CERRO LA CRUZ, TCA Tanti, CYA Choya, SIV San Ignacio, SIV comp=Z, 2.3nm, 0.9s, baz=231, slow=13, SNR=7.9, PMS Palmer Station, BDFB Brasilia, BDFB comp=Z, 3.9nm, 0.9s, baz=225, slow=7.1, SNR=4.1, BDFB comp=Z, 1.52nm, 18.3s, baz=220, slow=40, TXAR Lajitas Array, DBIC Dimbokro, SADO Sadowa, TORO Torodi Ar. Bea.

MEX 15 02:45:38.5:0.4, 14.99N:92.93W, h69km, 7km, MD3.6, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like PCIG Comitan, PCIG Comitan, CCIG Comitan, CCIG Comitan.

ADC 15 03:43:41.7:3.3, 37.17N:171.87E, h174km, 23km, mb3.1/7, mb1 3.2/13, mb1mx3.0/46, mbtmp3.6/13, Error ellipse: s-maj=35.1km s-min=14.7km az=157.0

ISCJCB 15 03:43:42.5:0.4, 37.24N:0.05:171.88E:0.05, h200km, mb3.2/7, Error ellipse: s-maj=7.6km s-min=4.6km az=40.2

NNC 15 03:43:48.5:3.0, 37.73N:171.79E, h191km, 24km, mb2.6, mpv3.5, Error ellipse: s-maj=29.6km s-min=13.5km az=152.0

ADC 15 03:43:43.1:0.7, 37.30N:0.07:171.88E:0.06, h200km, n28, r183/34, mb3.3/7, 7C-4D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like DZET Dzerhino, DZET 160nm, 0.4s, AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, KK31 Karatay Array, KK31 Karatay Array, TKM2 Tokmak 2, TKM2 Tokmak 2, GEYT Alibek, GEYT Alibek, MKAR Makanchi Array, PYUN Pluuthan, KOLN Koldanda, GKN Gorkha, DMN Daman, AB31 Akbulak array, AB31 Akbulak array, PKIN Phulochi.

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like GUN Gumba, JIRN Jiri, BVAR Borovoye Array, RAMM Ramit, AKTO Aktyubinsk, AKTO Aktyubinsk, AKTO Aktyubinsk, ODAN Odare, ZALV Zalesovo Beam, SONMI Songli Array, BRTR Keskin Array B, FINES FINESS Array B, ARCES ARCESS Array B, NOA NORRAR Array B, TORO Torodi Ar. Bea, YKA Yellowknife Arr.

ADC 15 04:02:45.9:6.6, 31.79S:179.88E, h398km, 71km, mb3.1/3, mb1 3.4/4, mb1mx3.2/24, mbtmp4.1/4, Error ellipse: s-maj=81.1km s-min=32.9km az=10.0

ISCJCB 15 04:02:49.3:1.0, 31.82S:0.07:179.2E:0.2, h400km, mb3.4/3, Error ellipse: s-maj=20.1km s-min=8.7km az=174.2

ADC 15 04:02:51.2:1.5, 31.93S:0.1:178.9E:0.2, h400km, n53, r127/61, mb3.4/3, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MXZ Matakaoa Point, MXZ Matakaoa Point, HAZ Te Kaha, WMGZ Waiomatatini S, WMGZ Waiomatatini S, PKGZ Pakihiroa, PUZ Puketiti, PUZ Puketiti, TWGZ Tauwhareparae, URWZ Urewera, URZ 14nm, 0.3s, baz=269, slow=23, SNR=17, MWZ Matawai, TKGZ Te Karaka, CNGZ Carnagh Statio, RIGZ Rimuhau, ALRZ Allen Road, RAHZ Rangi, MRHZ Mataea Rd, MHGZ Mahia Peninsula, NMHZ Naumai, ARHZ Aropoaonga, TWGZ Tauwhareparae, OTVZ Otutere, MCHZ McNeill Hill, NGZ Ngauruhoe, TUWZ Tukino, FFWZ Far West T-bar, WNVZ Wahianoa, BHZ Black Hill Sta, MTVZ Mangateitei, KRHZ Kereru, KAHZ Kahuranaki, PKZ Pukerua, PNHZ Pukenui, LREZ Lake Rotokare, PRHZ Porangahau, DRHZ Dannevirke, ANWZ Angora Road, PRWZ Piri Road, BFZ Birch Farm, BFZ Birch Farm, MRZ Mangatainoka R, MRZ Mangatainoka R, CPWZ Castlepoint, HWZ Holesworth Sta, OGWZ Otaki Gorge, KIW Kapiti Island, TCW Tury Channel, PLWZ Pailiser, TUWZ Tuamarina, BSWZ Blackbirch Sta, THZ Topohue, THZ Topohue, KHZ Kahutara, DSZ Denniston Nort, STKA Stephens Creek, ASAR Alice Springs, WRA Warramunga Arr, FINES FINESS Array B, BRTR Keskin Array B.

JMA 15 04:13:15.2, 24.08N:121.63E, h28km, M3.4

ISCJCB 15 04:13:16.4:0.2, 24.11N:0.02:121.74E:0.02, h26km, 2km, mb3.5/7, MS3.0/2, Error ellipse: s-maj=3.1km s-min=1.9km az=141.7

TAP 15 04:13:16.4:2.14N:121.67E, h28km, ML4.2, 6

ADC 15 04:13:24.9:6.9, 24.01N:121.43E, h114km, 66km, mb3.2/7, mb1 3.4/8, mb1mx3.3/32, mbtmp3.6/8, MS3.1/4, Ms1 3.1/4, ms1mx2.9/16, Error ellipse: s-maj=36.8km s-min=16.8km az=71.0

ADC 15 04:13:16.3:0.8, 24.11N:0.02:121.71E:0.02, h29km, 5km, n84, r093/129, mb3.6/7, 9C-9D, Taiwan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TWD Chiawan, TWD Chiawan, HWA Hwailien, EHP Heping Village, EHP Heping Village, ENF Shouteng Towns, ENF Nanau, ESL Shilin, ESL Shilin, WHF Hehuan Shan, WHF Hehuan Shan, TEGC Jichi Village, TEGC Jichi Village, NNS Nan Shan, NNS Nan Shan, TWT Tachien, TWT Tachien, TWC Suao, TWC Suao, ENT T Nioudou, ENT T Nioudou.

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ENT Neicheng, ENT Neicheng, TWE Danda, WDT Danda, WDT Danda, NSK Sanguang, NSK Sanguang, NSK Sanguang, ILA ilan, ILA ilan, ILA ilan, EHY Hungye, EHY Hungye, EGS Yuli, SMLT Sun Moon Lake, SMLT Sun Moon Lake, TYC Yuchr, TYC Yuchr, NSTT Nanjuang, NSTT Nanjuang, NSTT Nanjuang, TWF1 Mucha, TWF1 Mucha, TWF1 Mucha, TWA1 Liyuan, TWA1 Liyuan, TWA1 Liyuan, TQW1 Yuli, TQW1 Yuli, TQW1 Yuli, NSY Sanyi, NSY Sanyi, NSY Sanyi, YUS Yushan, YUS Yushan, YUS Yushan, TWB1 Sannuo Chiao, TWB1 Sannuo Chiao, TCU Taichung, TCU Taichung, TCU Taichung, TAPU Taipei, TAPU Taipei, TAPU Taipei, TAP1 Taipei, TAP1 Taipei, TAP1 Taipei, TAP Taipei, TAP Taipei, WNT Wuning, WNT Wuning, WNT Wuning, NWF Wuhan Shan, NWF Wuhan Shan, NWF Wuhan Shan, HSN Hsinchu, HSN Hsinchu, HSN Hsinchu, HSN Hsinchu, NCU National Cent, NCU National Cent, NCU National Cent, NCU National Cent, ALS Alishan, ALS Alishan, TWS1 Kuangyinshan, TWS1 Kuangyinshan, TWS1 Kuangyinshan, CHKT Chengkung, CHKT Chengkung, CHNS Tsuling, CHNS Tsuling, CHNS Tsuling, ELDTW Lidau, ELDTW Lidau, WGW Gukeng, WGW Gukeng, WGW Gukeng, WGW Gukeng, JYNG Yonagunijimaku, JYNG Yonagunijimaku, YON Yonaguni jima, YON Yonaguni jima, YON Yonaguni jima, YON Yonaguni jima, CHN2 Minshung, CHN2 Minshung, CHN2 Minshung, CHN2 Minshung, CHN4 Tsashan, CHN4 Tsashan, CHN4 Tsashan, STYT Tautyuan, STYT Tautyuan, STYT Tautyuan, WTP Ta-pu, WTP Ta-pu, WTP Ta-pu, WTP Ta-pu, CHY Chiayi, CHY Chiayi, CHY Chiayi, WTCT Ta-cheng, WTCT Ta-cheng, WTCT Ta-cheng, TWK Hsinying, TWK Hsinying, TWK Hsinying, TWG Pingang, TWG Pingang, CHN1 Nanshi, CHN1 Nanshi, CHN1 Nanshi, WSF Szu, WSF Szu, WSF Szu, SGST Jiashian, SGST Jiashian, CHN8 Yiju, CHN8 Yiju, SSS Sandimen, SSS Sandimen, TWMT Shoushan, TWMT Shoushan, IRIF Iriomote-Funau, IRIF Iriomote-Funau, EAST Anshuo, EAST Anshuo, TAW Tawu, TAW Tawu, HATJ Hateruma jima, HATJ Hateruma jima, SCZT Fangliu, SCZT Fangliu, PNG Pengu, PNG Pengu, PNG Pengu, WDGJ Dungji, WDGJ Dungji, WDGJ Dungji.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WDG, LAY, JKRS, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CSEM, VNSD, PDKS, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like IDC, URZ, ASAR, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like AB31, ZALV, KVAR, etc.

IDC 15 05:40:31.2, 7.2, 30.89S; 177.83W, h0km, mb3.8/2, s-maj=1.4/1.2, mb1mx3.7/2.5, mbmp3.8/2, Error ellipse: s-maj=30.4, lkm s-min=58.0km az=156.0, Kermadec Islands

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

IDC 15 05:53:06.2, 1.3, 5.26S; 153.44E, h0km, mb3.5/4, mb1 3.6/4, mb1mx3.5/2.8, mbmp3.6/4, Error ellipse: s-maj=41.7km s-min=31.9km az=71.0, New Ireland region

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

ISCJB 15 05:55:59.8, 0.5, 16.0S; 0.1: 67.62E; 0.10, h10km, mb4.2/1.7, MS4.4/2.3, Error ellipse: s-maj=18.2km s-min=13.2km az=10.1

IDC 15 05:56:00.3, 0.7, 16.01S; 67.58E, h0km, mb4.1/1.4, mb1 4.2/1.4, mb1mx4.0/4.4, mbmp4.1/1.4, MS4.3/2.4, Ms1 4.3/2.4, ms1mx4.2/2.9, Error ellipse: s-maj=24.8km s-min=17.1km az=10.2

NEIC 15 05:56:01.9, 0.5, 16.07S; 67.56E, h10km, mb4.3/1, Error ellipse: s-maj=20.2km s-min=14.4km az=193.0

GCMT 15 05:56:01.9, 0.1, 16.06S; 67.21E, h13km, 1km, MW5.2/10.3, Moment Tensor Solution. s67,c94; s103,c180; Duration: 1s0 Moment tensor: Scale 10^11; Mn:-0.15+-0.02; Mbb:-0.70+-0.02; Mbb0.84+-0.02; Mm:-0.14+-0.04; Mm0.32+-0.11; Mm0-0.11+-0.04; Best double couple: Mo:8.55000x10^17 NP1:0.5600000; 688.00000; -12.000000; NP2:0.146.000000; 678.000000; -178.000000; Principal axes: T 0.9290, P1g7.00000; Azm102.00000; N -0.1470, P1g78.00000; Azm226.00000; P -0.7820, P1g10.00000; Azm11.00000; nsta1 refers to body waves, cutoff=50s. nsta2 refers to surface waves, cutoff=50s

ISC 15 05:56:02.0, 0.7, 16.1S; 0.2: 67.6E; 0.1, h10km, n45, s133/21, mb4.2/1.7, MS4.3/2.3, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like H08S1, H08S2, H08S3, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KBZ, BRTR, MKAR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like STKA, ZALV, TOR, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KEST, KSAR, KSR, etc.

WEL 15 06:01:29.4, 0.1, 42.217S; 174.05E, h12km, ML3.6/2.3, 5C-2D, Error ellipse: s-maj=1.8km s-min=1.5km az=90.0, Off east coast of South Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CMWZ, KHZ, BSWZ, etc.

MEX 15 06:13:23.1, 0.4, 17.08N; 100.22W, h8km, 6km, MD3.7, Guerrero

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CAIG, ARIG, ZIIG, etc.

IDC 15 06:18:10.5, 1.8, 55.94S; 29.86W, h0km, mb3.6/1, mb1 3.6/1, mb1mx3.5/1.5, mbmp3.6/1, Error ellipse: s-maj=104.4km s-min=73.5km az=147.0, South Sandwich Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like H10S2, H10S3, H10S1, etc.

15d 7h

Table with columns: YKA, ILAR, SONM, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Yellowknife Ar, Eielson Array, Songo Array.

ASN Alice Springs 146.67 229 PKPbc PKPdf 07 17 17.1 -2.2
WRA Warramunga Arr 148.27 236 PKPbc PKPdf 07 17 18.8 -3.1

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NNC 15 07:17:09.34.8, 36.89N:71.11E, h0km, mb3.5, mpv3.3,
3D, Error ellipse: s-maj=40.9km s-min=30.4km az=13.0,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DZET, KK31, KK31.

NIED 15 07:18:00.21.20N, 121.10E, h23km, Mw5.2, Best double
couple: M8.03000, 1016 NP1.8, 0.00000, 837.00000,

MOS 15 07:18:17.4.1.0, 21.12N, 121.25E, h36km, mb5.6/78,
MS5.045, Error ellipse: s-maj=6.4km s-min=4.0km

NEIC 15 07:18:17.6.0.1, 21.10N, 121.19E, h25km, mb5.6/165,
MS5.0141, MW5.4, ML5.7(TAP), Error ellipse:

GCMT 15 07:18:17.6.0.1, 21.10N, 120.89E, h34km, MW5.5/112,
Moment Tensor Solution. s110, c192, s112, c237,

ISC 15 07:18:19.6.0.2, 21.12N, 121.19E, h39km, mb2.3,
h39km, P-P, 949, 9135/965, mb5.4/288, MS5.0/199,

TSEB Hengchun, Pin 0.82 341 P Pn 07 18 34.5 -0.1
TSEB Hengchun 0.82 341 P Pn 07 18 34.5 -0.1

TWK1 Hengchun 0.89 337 P Pn 07 18 34.8 -0.8
TWK1 Hengchun 0.89 337 P Pn 07 18 34.8 -0.8

HEN Hengchun 0.97 335 P Pn 07 18 36.1 -0.6
LAY Lan-yu 0.97 20 P Pn 07 18 35.6 -1.1

TAW Tawu 1.26 348 P Pn 07 18 39.3 -1.3
TAW Tawu 1.26 348 P Pn 07 18 39.3 -1.3

EAST Anshuo 1.29 346 P Pn 07 18 55.8 -2.3
SCZT Fangliu 1.35 337 P Pn 07 18 40.9 -1.0

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WDGT Dungji 2.55 327 eP Pn 07 18 56.1 -2.4
WDGT Dungji 2.55 327 eP Pn 07 18 56.1 -2.4

WGT Gukeng 2.62 347 eP Pn 07 18 58.2 -1.1
WGT Gukeng 2.62 347 eP Pn 07 18 58.2 -1.1

WDT Danda 2.62 359 eP Pn 07 18 59.5 -0.2
WDT Danda 2.62 359 eP Pn 07 18 59.5 -0.2

WSF Zshu 2.66 341 eP Pn 07 18 59.0 -0.8
WSF Zshu 2.66 341 eP Pn 07 18 59.0 -0.8

SSLB Suanglung 2.66 355 eP Pn 07 18 58.7 -1.3
SSLB Suanglung 2.66 355 eP Pn 07 18 58.7 -1.3

SMLT Sun Moon Lake 2.76 355 eP Pn 07 19 01.3 -0.1
SMLT Sun Moon Lake 2.76 355 eP Pn 07 19 01.3 -0.1

WNT Minglian 2.78 350 eP Pn 07 19 02.4 +0.8
WNT Minglian 2.78 350 eP Pn 07 19 02.4 +0.8

TYC Yuchr 2.79 354 P Pn 07 19 01.6 -0.1
TYC Yuchr 2.79 354 P Pn 07 19 01.6 -0.1

PIP Pasuquin 2.83 191 P Pn 07 19 00.9 -1.4
PIP Pasuquin 2.83 191 P Pn 07 19 00.9 -1.4

PNG Penghu 2.86 328 eP Pn 07 19 00.3 -2.4
PNG Penghu 2.86 328 eP Pn 07 19 00.3 -2.4

HWA Hwalien 2.87 8 eP Pn 07 19 04.1 +1.4
HWA Hwalien 2.87 8 eP Pn 07 19 04.1 +1.4

TWD Chiawan 2.97 7 eP Pn 07 19 04.0 -0.2
TWD Chiawan 2.97 7 eP Pn 07 19 04.0 -0.2

ISCN 15 06:32:38.0.3.6, 38.21N:44.29E, h0km, ML2.7
CSEM 15 06:32:49.9.0.6, 37.68N:43.99E, h5km, MD3.0, Error

ISC 15 06:32:48.5.2.0, 37.77N:43.65E, h5km, MD3.0
ISC 15 06:32:48.5.2.0, 37.77N:43.65E, h5km, MD3.0

ISC 15 06:32:48.5.2.0, 37.77N:43.65E, h5km, MD3.0
ISC 15 06:32:48.5.2.0, 37.77N:43.65E, h5km, MD3.0

ISC 15 06:32:48.5.2.0, 37.77N:43.65E, h5km, MD3.0
ISC 15 06:32:48.5.2.0, 37.77N:43.65E, h5km, MD3.0

ISC 15 06:32:48.5.2.0, 37.77N:43.65E, h5km, MD3.0
ISC 15 06:32:48.5.2.0, 37.77N:43.65E, h5km, MD3.0

ISC 15 06:32:48.5.2.0, 37.77N:43.65E, h5km, MD3.0
ISC 15 06:32:48.5.2.0, 37.77N:43.65E, h5km, MD3.0

ISC 15 06:32:48.5.2.0, 37.77N:43.65E, h5km, MD3.0
ISC 15 06:32:48.5.2.0, 37.77N:43.65E, h5km, MD3.0

ISC 15 06:32:48.5.2.0, 37.77N:43.65E, h5km, MD3.0
ISC 15 06:32:48.5.2.0, 37.77N:43.65E, h5km, MD3.0

ISC 15 06:32:48.5.2.0, 37.77N:43.65E, h5km, MD3.0
ISC 15 06:32:48.5.2.0, 37.77N:43.65E, h5km, MD3.0

ISC 15 06:32:48.5.2.0, 37.77N:43.65E, h5km, MD3.0
ISC 15 06:32:48.5.2.0, 37.77N:43.65E, h5km, MD3.0

ISC 15 06:32:48.5.2.0, 37.77N:43.65E, h5km, MD3.0
ISC 15 06:32:48.5.2.0, 37.77N:43.65E, h5km, MD3.0

ISC 15 06:32:48.5.2.0, 37.77N:43.65E, h5km, MD3.0
ISC 15 06:32:48.5.2.0, 37.77N:43.65E, h5km, MD3.0

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Table with columns: JOW, Kunigami, 8.62 47 eP, Pn, 07 20 20.7 -1.1, etc. Lists various locations and their corresponding data points.

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Table with columns: BJT, Beijing, 19.34 348 P, Pn, 07 22 42.1 -0.7, etc. Lists various locations and their corresponding data points.

15d 7h

Table with columns: PHET, Kaeng Krachan, 22.15 252 P, P, 07 23 12.2 0.0, etc. Lists various locations and their corresponding data points.

Table with columns: Station, Name, Time, Frequency, Mode, Power, etc. Includes stations like SHL, PPBI, ERM, etc.

Table with columns: Station, Name, Time, Frequency, Mode, Power, etc. Includes stations like SOEI, SCJI, MNAI, etc.

Table with columns: Station, Name, Time, Frequency, Mode, Power, etc. Includes stations like MDRS, SKHT, SRSR, etc.

WRAB	Tennant Creek	42.79	162c	iP	P	07 26 11.8	-1.8
WRAB	comp=Z,625nm,1.7s						
H1S1	WAKE ISLAND Hy	42.79	85	T	T	08 12 19.7	
H1S1	baz=282,slow=7.4,SNR=53						
WRA	Warramunga Arr	42.79	162	P	P	07 26 12.4	-1.2
WRA	comp=Z,58nm,0.6s, baz=344,slow=9.1, SNR=204						
WRA	comp=Z,13nm,0.7s, baz=343,slow=3.7, SNR=5.2						
WRA	comp=Z,17nm,1.1s, baz=338,slow=4.0, SNR=20						
WRA	comp=Z,19nm,1.2s, baz=343,slow=16, SNR=6.8						
WB2	Warramunga Arr	42.80	162	eP	P	07 26 12.0	-1.6
WB2	comp=Z,338nm,21.4s, baz=345,slow=38						
H1S2	WAKE ISLAND Hy	42.80	85	T	T	08 12 25.2	
H1S2	baz=292,slow=7.4,SNR=53						
ZAA0	Zalesovo Array	42.83	329	eP	P	07 26 13.1	-0.4
ZALV	Zalesovo Beam	42.83	329	P	P	07 26 13.4	-0.2
ZALV	comp=Z,34nm,0.9s, baz=120,slow=6.8, SNR=30						
ZALV	comp=Z,2.0nm,0.6s, baz=113,slow=3.3, SNR=6.8						
ZALV	comp=Z,3um,18.2s, baz=128,slow=39						
PET	Petropavlovsk	42.85	33	eP	P	07 26 12.1	-1.6
PET	comp=Z,517nm,2.0s						
PET	comp=Z,2um,21.0s						
PET	Petropavlovsk	42.85	33	eP	P	07 26 13.0	-0.7
PET	comp=Z,105nm,1.0s						
ULHL	Ulahof	43.06	310	P	P	07 26 17.8	+1.9
ULHL	SNR=6.1						
KUU	Kuryi	43.44	312	eP	P	07 26 21.4	+2.7
TKM2	Tokmak 2	43.70	311	P	P	07 26 22.4	+1.4
TKM2	SNR=11						
TKM2	Tokmak 2	43.70	311	eP	P	07 26 22.4	+1.4
TKM2	comp=Z,102nm,1.5s						
TKM2	comp=Z,3um,19.0s						
TKM2	Tokmak 2	43.70	311	P	P	07 26 21.5	+0.5
TKM2	comp=Z,70nm,1.6s						
KZA	Kyzart	43.73	309	P	P	07 26 23.6	+2.0
KZA	SNR=13						
KBK	Karagaybulak	44.09	310	P	P	07 26 25.8	+1.7
KBK	SNR=7.9						
NVS	Novosibirsk	44.10	329	iP	S	07 26 24.3	+0.5
NVS	comp=Z,517nm,2.0s						
NVS	comp=N,77nm,1.9s						
NVS	comp=Z,133nm,1.9s						
NVS	comp=E,43nm,1.4s						
NVS	comp=E,28nm,1.6s						
UCH	Uchter	44.30	309	P	P	07 26 28.1	+2.0
UCH	SNR=27						
CHMS	Chumysh	44.31	310	P	P	07 26 26.8	+1.0
CHMS	SNR=5.4						
FRU	Bishkek	44.37	310	eP	S	07 26 27.0	+0.8
FRU	comp=Z,100nm,2.1s						
FRU	comp=Z,100nm,2.1s						
AAK	Ala-Archa	44.41	310	P	P	07 26 27.8	+1.1
AAK	comp=Z,5.4nm,1.0s, baz=109,slow=7.8, SNR=6.6						
AAK	Ala-Archa	44.41	310	eP	P	07 26 28.0	+1.4
AAK	comp=E,18nm,1.0s						
KURK	Kurchatov	44.47	322	P	P	07 26 27.6	+0.9
KURK	comp=Z,61nm,0.9s, SNR=9.5						
KURK	Kurchatov	44.47	322	P	P	07 26 27.7	+0.9
KURK	SNR=17						
KURK	Kurchatov	44.47	322	P	P	07 26 27.7	+0.9
KURK	SNR=17						
KURK	Kurchatov	44.47	322	eP	P	07 26 27.2	+0.5
KURK	comp=Z,75nm,1.1s						
KURK	comp=Z,2um,20.0s						
KURK	Kurchatov	44.47	322	P	P	07 26 26.8	+0.1
KURK	comp=Z,297nm,2.1s						
KURBB	Kurchatov Arra	44.48	322	P	P	07 26 27.5	+0.6
KURBB	comp=Z,12nm,0.8s, baz=123,slow=7.3, SNR=42						
KURBB	comp=Z,0.7nm,0.3s, baz=127,slow=2.4, SNR=4.0						
POO	Poona	44.48	275	eP	P	07 26 25.5	-1.9
POO	comp=Z,4.5nm,0.3s, baz=337,slow=2.1, SNR=3.3						
AML	Almayashu	44.48	275	eP	P	07 26 27.0	-0.4
AML	SNR=27						
EKS2	Erkin-Say	44.93	310	eP	P	07 26 32.7	+1.9
EKS2	comp=Z,82nm,1.9s						
EKS2	Erkin-Say	44.93	310	eP	P	07 26 32.7	+1.9
EKS2	comp=Z,82nm,1.9s						
EKS2	comp=Z,4um,20.0s						
AS31	Alice Springs	46.21	164	eP	P	07 26 40.1	-0.8
AS31	comp=Z,18nm,0.8s						
ASAR	Alice Springs	46.21	164	P	P	07 26 39.9	-1.0
ASAR	comp=Z,31nm,0.9s, baz=351,slow=9.4, SNR=130						
ASAR	comp=Z,8.5nm,0.7s, baz=337,slow=2.1, SNR=3.3						
ASAR	comp=Z,19nm,1.0s, baz=348,slow=4.0, SNR=26						
ASAR	comp=Z,8.5nm,1.0s, baz=352,slow=19, SNR=13						
ASAR	comp=Z,487nm,21.7s, baz=9.5,slow=37						
AS01	Alice Springs	46.22	164	eP	P	07 26 40.0	-0.9
SEY	Seymchan	46.85	19	P	P	07 26 45.1	-0.3
SEY	comp=Z,4.3nm,0.6s, baz=220,slow=9.5, SNR=16						
SEY	Seymchan	46.85	19	eP	P	07 26 45.7	+0.3
SEY	comp=Z,5.6nm,0.7s, baz=170,slow=3.7, SNR=3.9						
KK31	Karatay Array	47.37	310	P	P	07 26 50.4	+0.6
KK31	comp=Z,44nm,1.2s						
KKAR	Karatay Array	47.37	310	eP	P	07 26 50.8	+1.0
KKAR	comp=Z,18nm,0.8s						
OTUK	Ortayu	47.38	317	P	P	07 26 50.6	+0.8
OTUK	comp=Z,55nm,1.3s						
KBL	Kabul	47.53	298	eP	P	07 26 52.7	+1.3
KBL	comp=Z,70nm,1.3s						
KBL	Kabul	47.53	298	eP	P	07 26 52.7	+1.3
KBL	comp=Z,3um,18.0s						
KBL	comp=Z,70nm,1.3s						
IUG	Iuzhnay	47.55	308	eP	P	07 26 52.4	+1.1
IUG	comp=Z,994nm,17.1s						
CTA	Charters Tower	47.74	147	P	P	07 26 52.5	-0.3
CTA	comp=Z,130nm,0.9s, baz=328,slow=11, SNR=74						
CTAO	Charters Tower	47.74	147	eP	P	07 26 52.3	-0.5
CTAO	comp=Z,230nm,1.0s						
CTAO	Charters Tower	47.74	147	eP	P	07 26 52.3	-0.5
CTAO	comp=Z,2um,21.0s						
CTAO	comp=Z,230nm,1.0s						
DZET	Dzherino	48.00	304	P	P	07 26 54.5	-0.4
DZET	comp=Z,56nm,0.9s						
HNR	Honiara	48.70	125	PFAKE	LR	07 27 10.0	+1.0
HNR	comp=Z,1um,20.0s						
BVAR	Borovyoye Array	50.06	322	P	P	07 27 10.3	0.0
BVAR	comp=Z,4.9nm,0.9s, baz=115,slow=8.8, SNR=15						

BVAR	comp=Z,13nm,0.8s, baz=90,slow=2.9, SNR=6.3						
BVAR	comp=Z,2.2nm,0.8s, baz=127,slow=2.2, SNR=3.7						
BRVK	Borovyoye	50.13	322	P	P	07 27 11.9	+1.1
BRVK	comp=Z,120nm,0.9s, SNR=5.1						
BRVK	Borovyoye	50.13	322	P	P	07 27 12.0	+1.2
BRVK	SNR=16						
BRVK	Borovyoye	50.13	322	P	P	07 27 12.0	+1.2
BRVK	SNR=16						
BRVK	Borovyoye	50.13	322	eP	P	07 27 11.6	+0.8
BRVK	comp=Z,100nm,1.4s						
BRVK	comp=Z,2um,19.0s						
BRVK	Borovyoye	50.13	322	eP	P	07 27 11.0	+0.2
BRVK	comp=Z,28nm,1.7s						
TIXI	Tiksi	50.74	3	eP	P	07 27 13.0	-2.1
TIXI	comp=Z,82nm,1.7s						
TIXI	Tiksi	50.74	3	eP	P	07 27 13.0	-2.1
TIXI	comp=Z,2um,20.0s						
TIXI	comp=Z,82nm,1.7s						
NRIK	Noril'sk	52.35	346	P	P	07 27 27.2	0.0
NRIK	comp=Z,51nm,0.8s, baz=130,slow=7.6, SNR=9.2						
NRIK	comp=Z,9.1nm,1.0s, baz=149,slow=4.0, SNR=3.7						
NRIK	comp=Z,3um,19.2s, baz=144,slow=39						
NWAO	Narrogin (SRO)	53.88	184	P	P	07 27 37.7	-1.2
NWAO	comp=Z,36nm,0.8s, baz=327,slow=0.0, SNR=16						
NWAO	Narrogin (SRO)	53.88	184	eP	P	07 27 38.4	-0.4
NWAO	comp=Z,62nm,1.0s						
NWAO	comp=Z,393nm,19.0s						
NWAO	Narrogin (SRO)	53.88	184	eP	P	07 27 38.4	-0.4
NWAO	comp=Z,62nm,1.0s						
NWAO	comp=Z,393nm,19.0s						
TARA	Tarawa	54.10	104	eP	P	07 27 41.5	+0.6
TARA	comp=Z,144nm,1.1s						
TARA	Tarawa	54.10	104	eP	P	07 27 41.5	+0.6
TARA	comp=Z,104nm,22.0s						
BILL	Bilibino	54.56	19	eP	P	07 27 42.2	-1.2
BILL	comp=Z,23nm,1.0s						
BILL	Bilibino	54.56	19	eP	P	07 27 41.9	-1.5
BILL	comp=Z,830nm,20.0s						
BILL	comp=Z,830nm,20.0s						
BILL	Bilibino	54.56	19	eP	P	07 39 06.2	+3.8
BILL	comp=Z,9.0nm,0.9s						
EIDS	Eidsvold	54.58	146	eP	P	07 27 43.2	-0.9
EIDS	comp=Z,930nm,17.0s						
EIDS	comp=Z,100nm,1.7s						
EIDS	Eidsvold	54.58	146	eP	P	07 27 50.2	-0.3
EIDS	comp=Z,1um,22.0s						
BBOO	Buckleboe	55.48	165	eP	P	07 27 50.6	-0.6
BBOO	comp=Z,341nm,0.9s						
AB31	Akbulak array	55.60	316	P	P	07 27 52.2	+1.0
AB31	comp=Z,30nm,1.2s						
AB31	Akbulak array	55.60	316	eP	P	07 27 52.6	-0.3
AB31	comp=Z,177nm,0.7s						
STKA	Stephens Creek	56.21	159	P	P	07 27 55.3	-0.4
STKA	comp=Z,89nm,0.7s, baz=338,slow=6.9, SNR=214						
STKA	Stephens Creek	56.21	159	eP	P	07 27 55.2	-0.5
STKA	comp=Z,686nm,19.8s, baz=345,slow=38						
STKA	Stephens Creek	56.21	159	eP	P	07 27 55.2	-0.5
STKA	comp=Z,24nm,0.8s						
GEYT	Alibek	56.38	302	P	P	07 27 58.5	+1.5
GEYT	comp=Z,9.9nm,0.9s, baz=99,slow=4.5, SNR=12						
GEYT	Alibek	56.38	302	P	P	07 27 58.5	+1.5
GEYT	comp=Z,2um,20.3s, baz=90,slow=40						
SVE	Sverdlovsk	56.52	325	eP	S	07 27 58.7	+1.0
SVE	comp=Z,2um,20.3s, baz=90,slow=40						
SVE	Sverdlovsk	56.52	325	eP	S	07 35 44.0	-2.3
SVE	comp=Z,90nm,1.1s						
SVE	comp=Z,2um,17.0s						
AKTO	Aktyubinsk	56.98	317	P	P	07 28 01.6	+0.6
AKTO	comp=Z,2.4nm,0.9s, baz=101,slow=8.8, SNR=8.0						
AKTO	Aktyubinsk	56.98	317	P	P	07 28 01.6	+0.6
AKTO	comp=Z,2um,18.3s, baz=95,slow=38						
ARU	Ari	57.56	324	P	P	07 28 05.1	0.0
ARU	comp=Z,4.5nm,0.3s, baz=98,slow=6.1, SNR=13						
ARU	Ari	57.56	324	P	P	07 28 05.1	0.0
ARU	comp=Z,1um,20.0s, baz=96,slow=37						

15d 7h

Table with columns: Station, Name, Frequency, Power, Mode, and various numerical values. Includes stations like AREO, SPA0, PAX, KBS, etc.

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Table with columns: Station, Name, Frequency, Power, Mode, and various numerical values. Includes stations like LBZ, BKZ, OXZ, DAG, VOIR, etc.

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Table with columns: Station, Name, Frequency, Power, Mode, and various numerical values. Includes stations like BRG, PRU, PRU, PRU, etc.

Table with columns: SEY, DLBC, DLBC, DLBC, MA2, MA2, INK, INK, INK, INK, INK, B05A, YK3W, YKA, YKA, YKA, YKBS, YKBS, F04D, B08A, H04A, G05D, I04A, I04A, I04A, I05D, HAWA, D08A, C09A, YAK, YAK, NEW, NEW, NEW, NEW, YBH, EDM, EDM, J05D, F10A, MOD, O03D, WALA, BSMT, JTMT, WVOR, WVOR, MSO, MSO, SLMT, CHMT, MIFD, LRM, HLID, HLID, DLMT, DLMT, BMN, BMN, MCMT, EGMT, EGMT, EGMT, BOZ, BOZ, BOZ, BOZ, NV01, NV01, NVAR, NVAR, NVAR, H11N2, H11N3, H11N1, NV11, ELK, ELK, ELK, RCTC, FFC, FFC, FFC, YNR, GCMT, TIN, YFT, SMMC, USRK

Table with columns: USRK, H17A, H17A, LK3W, LK3W, IMW, VES, FLWY, H11S1, H11S2, H11S3, HVU, HVU, MOOV, GRAC, RLMT, RLMT, REDW, SNOW, LOHW, BGU, R11A, R11A, AHIC, DAC, DAC, MAJO, MAJO, MAJO, MJAR, MPMC, FURC, TPNV, TPNV, TPNV, DUG, DUG, DUG, DUG, BLG, EDW2, DGMT, DGMT, PSUT, PSUT, BW06, PD31, PDAR, PDAR, JLU, NLU, SHOC, MWC, MWC, GSC, GSC, GSC, A25A, FCC, FCC, MPU, SHPR, BFSC, B25A, HEC, CCUT, C25A, BBRC, A26A, MSU, MSU, TMUT, B26A, D25A, D25A, P17A, MTPU, LCMT, GMRC, BOD, BOD, Q16A, A27A, LDFC, P18A

Table with columns: E25A, C26A, SRU, SRU, PFO, PFO, BELC, B27A, D26A, D26A, F25A, K22A, K22A, C27A, A28A, NEE2, E26A, IRM, B28A, BAR, BAR, MONP2, W13A, G25A, BC31, F26A, U15A, O20A, O20A, H25A, RSSD, RSSD, RSSD, SWSC, CN2, CN2, A29A, PDMC, E27A, G26A, F27A, B29A, I25A, Y12C, Y12C, PV09, MDND, H26A, G27A, PV10, E28A, GLA, GLA, GLA, J25A, PV04, PV05, I26A, B30A, N23A, N23A, H27A, F28A, PV01, WUAZ, WUAZ, J26A, Y14A, E29A, C30A, ULM, ULM, ULM, ULM, I27A, B31A, G28A, SMC0, D30A, H28A, F29A, C31A, A32A, MVCO

X33A	Lawton	52.25	81	P	P	09 27 36.1 +0.1
P39A	Salisbury	52.31	72	P	P	09 27 35.5 -0.8
O40A	La Belle	52.40	71	P	P	09 27 36.1 -0.9
V35A	Meyer Ranch, C	52.41	78	P	P	09 27 36.9 -0.3
Q39A	Willow Grove F	52.48	73	P	P	09 27 36.5 -1.1
R38A	Fenwick Farm,	52.54	74	P	P	09 27 36.4 -1.4
Y33A	Hilltop Ranch,	52.55	81	P	P	09 27 38.1 -0.1
X34A	Smith Ranch, M	52.61	80	P	P	09 27 39.5 +0.9
T37A	Cheneyville 18	52.63	76	P	P	09 27 37.7 -1.0
U36A	Dologah	52.64	77	P	P	09 27 37.9 -1.0
P40A	Paris	52.69	72	P	P	09 27 38.4 -0.7
HHC	Hu-ho-hao-te	52.75	291	eP	S	09 27 41.0 +1.3
HHC				S	S	09 35 01.5 -4.0
HHC	comp=Z,13nm,0.7s			pmax	pmax	
HHC	comp=Z,190nm,6.7s			LR	LR	
HHC	comp=Z,280nm,13.3s			LR	LR	
HHC	comp=Z,250nm,13.4s			LR	LR	
HHC	comp=Z,180nm,13.5s			LR	LR	
TX31	Lajitas Ar. Si	52.78	89	eP	P	09 27 40.1 0.0
LTX	Lajitas	52.78	89	eP	P	09 27 40.0 0.0
LTX	Lajitas	52.78	89	eP	P	09 27 40.1 0.0
TXAR	Lajitas Array	52.78	89	eP	P	09 27 40.0 0.0
W35A	Tecumseh	52.81	79	P	P	09 27 40.0 0.0
S38A	Stockton	52.88	75	P	P	09 27 39.3 -1.3
ABTX	Ablene, Hawle	52.89	83	P	P	09 27 41.1 +0.3
ABTX	Ablene, Hawle	52.89	83	eP	P	09 27 41.0 +0.3
V36A	Jenks	52.93	78	P	P	09 27 40.6 -0.3
TUL1	Leonard	52.93	77	P	P	09 27 40.6 -0.4
TUL1	Leonard	52.93	77	eP	P	09 27 40.6 -0.4
Z33A	Whitaker Ranch	52.96	82	P	P	09 27 40.9 -0.3
U37A	Salina	53.00	77	P	P	09 27 40.9 -0.6
Q40A	Laux Farm, Aux	53.03	72	P	P	09 27 40.8 -0.9
T38A	Diamond	53.06	75	P	P	09 27 40.6 -1.3
Y34A	Reagan Ranch,	53.10	81	P	P	09 27 42.5 +0.3
S39A	Bolivar	53.18	74	P	P	09 27 41.0 -1.8
W36A	Wetumka	53.20	78	P	P	09 27 42.8 -0.2
X35A	Drake	53.27	80	P	P	09 27 43.3 -0.1
V37A	Hulbert	53.34	77	P	P	09 27 43.1 -0.8
133A	Hamilton Ranch	53.34	83	P	P	09 27 44.3 +0.2
R40A	Maddies Statio	53.39	73	P	P	09 27 42.5 -1.8
Z32A	Coleman	53.41	84	P	P	09 27 44.6 +0.1
U38A	Gravette	53.41	76	P	P	09 27 43.6 -0.9
Z34A	Collier Ranch,	53.41	81	P	P	09 27 44.7 +0.1
X36A	Centrahoma	53.52	79	P	P	09 27 45.3 0.0
Y35A	Marietta	53.57	80	P	P	09 27 46.1 +0.4
HDIL	Hopedale	53.58	69	P	P	09 27 45.0 -0.7
HDIL	Hopedale	53.58	69	eP	P	09 27 45.2 -0.5
T39A	Cleaver	53.60	75	P	P	09 27 45.0 -0.9
W37B	Quinton	53.68	78	P	P	09 27 46.5 +0.1
S40A	Lebanon	53.72	74	P	P	09 27 45.2 -1.6
Z33A	Rising Star	53.77	83	P	P	09 27 47.4 +0.2
V38A	Canehill	53.79	77	P	P	09 27 46.3 -1.0
Z35A	Perchance, San	53.84	81	P	P	09 27 47.6 -0.1
134A	White-Moore Ra	53.87	82	P	P	09 27 48.2 +0.3
U39A	Green Forest	53.98	75	P	P	09 27 47.5 -1.2
T40A	Mansfield	54.02	74	P	P	09 27 47.5 -1.4
Y36A	Durant	54.02	80	P	P	09 27 49.3 +0.2
X37A	Clayton	54.09	78	P	P	09 27 49.6 +0.1
333A	Richland Sprin	54.20	84	P	P	09 27 50.5 +0.1
Z34A	Claire	54.23	83	P	P	09 27 50.8 +0.2
V39A	Pettigrew	54.25	76	P	P	09 27 49.9 -0.8
W38A	Poteau	54.27	77	P	P	09 27 50.7 -0.1
135A	Vickery Place,	54.28	82	P	P	09 27 51.2 +0.3
JCT	Junction City	54.30	85	P	P	09 27 50.8 -0.4
JCT	Junction City	54.30	85	eP	P	09 27 51.0 -0.2
JCT	Junction City	54.30	85	eP	pmax	09 27 51.0 -0.2
X38A	Whitesboro	54.36	78	P	P	09 27 51.3 -0.2
U40A	Yellville	54.36	75	P	P	09 27 50.1 -1.4
Y37A	Hugo	54.36	79	P	P	09 27 52.2 +0.7
Z36A	Blue Ridge	54.37	80	P	P	09 27 51.6 0.0
NJ2	Nanjing	54.46	278	eP	pmax	09 27 52.4 +0.2
NJ2				pmax	pmax	
433A	Art	54.54	84	P	P	09 27 52.7 -0.1
W39A	Magazine	54.61	77	P	P	09 27 52.8 -0.5
334A	Lometa	54.65	83	P	P	09 27 53.9 +0.3
WHTX	Lake Whitney	54.65	82	P	P	09 27 54.2 +0.6
WHTX	Lake Whitney,	54.65	82	eP	P	09 27 54.2 +0.6
136A	Ennis	54.87	81	P	P	09 27 55.2 +0.1
VLD0	Val d'Or	54.87	55	eP	P	09 27 53.4 -1.5
X39A	Fountain Ranch	54.89	78	P	P	09 27 55.2 -0.1
Z37A	Pogue Cattle C	54.91	80	P	P	09 27 55.7 +0.3
Y38A	Idabel	54.93	78	P	P	09 27 55.9 +0.3
SFIN	Lafayette	54.94	68	P	P	09 27 55.0 -0.6
SFIN	Lafayette	54.94	68	eP	P	09 27 55.3 -0.3
434A	Burnet	54.99	84	P	P	09 27 56.2 +0.1
W40A	Ferguson Farm,	55.04	76	P	P	09 27 55.8 -0.6
533A	Kerrville	55.06	85	P	P	09 27 56.3 -0.4

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335A	Moody	55.17	83	P	P	09 27 57.5 +0.1
SCHO	Schefferville	55.17	43	P	P	09 27 58.1 +1.0
SCHO	comp=Z,2.8nm,0.8s,baz=292,slow=12,SNR=3.8			LR	LR	09 52 36.0
MIAR	Mount Ida	55.19	77	P	P	09 27 57.2 -0.2
MIAR	Mount Ida	55.19	77	eP	P	09 27 57.2 -0.2
MIAR	Mount Ida	55.19	77	eP	pmax	09 27 57.2 -0.2
236A	Katherine and	55.20	81	P	P	09 27 57.9 +0.3
Z38A	Mt. Pleasant	55.25	79	P	P	09 27 57.8 -0.1
Y39A	Lockesburg	55.30	78	P	P	09 27 58.4 +0.1
633A	Saathoff Ranch	55.41	86	P	P	09 27 58.7 -0.4
435B	Jarrell	55.43	83	P	P	09 27 59.4 +0.1
534A	Blanco	55.43	85	P	P	09 27 59.2 -0.1
336A	Riesel	55.45	82	P	P	09 27 59.7 +0.3
OLIL	Olney	55.49	70	eP	P	09 27 58.9 -0.7
SIUC	Southern Ilin	55.55	71	eP	P	09 27 59.1 -0.9
138A	Matatal Enter	55.60	80	P	P	09 28 00.7 +0.3
237A	Washetta, Mont	55.64	81	P	P	09 28 00.9 +0.2
X40A	Basin Creek Fa	55.67	77	P	P	09 27 59.8 -1.1
Y40A	Okolona	55.73	77	P	P	09 28 00.7 -0.7
832A	Faith Ranch, C	55.77	87	P	P	09 28 01.9 +0.1
733A	Divot King Ran	55.87	86	P	P	09 28 02.6 +0.1
436A	Wall Ranch, Ga	55.91	83	P	P	09 28 03.2 +0.5
634A	China Grove, S	55.97	85	P	P	09 28 03.3 +0.2
535A	Dale	55.98	84	P	P	09 28 03.3 +0.1
139A	Bunehouse Ranc	56.01	79	P	P	09 28 03.3 0.0
238A	Jacksonville	56.05	80	P	P	09 28 04.2 +0.5
BLO	Bloomington	56.09	68	eP	P	09 28 03.1 -0.7
BLO	Bloomington	56.09	68	eP	pmax	09 28 03.1 -0.7
BLO	Bloomington	56.09	68	eP	pmax	09 28 03.1 -0.7
833A	Chaparral WMA,	56.10	87	P	P	09 28 04.7 +0.6
Z40A	Long Farm, Mag	56.19	78	P	P	09 28 04.6 0.0
H06N	SOCORRO T-PHAS	56.19	104	T	T	10 28 51.6
734A	La Parita Cree	56.23	86	P	P	09 28 05.6 +0.6
USIN	University of	56.27	70	eP	P	09 28 04.7 -0.5
SADO	Sadowa	56.27	59	eP	P	09 28 05.0 -0.1
H06E1	SOCORRO T-PHAS	56.29	104	T	T	10 28 57.3
635A	Leeville	56.31	85	P	P	09 28 06.0 +0.4
338A	Crockett	56.39	81	P	P	09 28 06.3 +0.2
140A	Carn and Jess,	56.52	79	P	P	09 28 07.0 0.0
735A	Kenedy	56.67	85	P	P	09 28 09.0 +0.8
636A	Smothers Creek	56.68	84	P	P	09 28 08.8 +0.7
933A	Laredo	56.69	87	P	P	09 28 09.1 +0.9
537A	Green Hill Far	56.70	83	P	P	09 28 08.7 +0.4
438A	Sam Houston St	56.73	82	P	P	09 28 09.8 +1.3
834A	Tilden	56.75	86	P	P	09 28 09.2 +0.5
WCI	Wyandotte Cave	56.87	69	eP	P	09 28 08.6 -0.8
WCI	Wyandotte Cave	56.87	69	eP	pmax	09 28 08.6 -0.8
WCI	Wyandotte Cave	56.87	69	eP	pmax	09 28 08.6 -0.8
736A	Circle Diamond	57.05	84	P	P	09 28 12.0 +1.2
835A	Beeville	57.07	86	P	P	09 28 12.2 +1.2
ZAA1	Zalesovo Array	57.11	317	eP	PcP	09 29 11.1 +0.2
ZAA1	ZAA1	57.11	317	eP	PcP	09 29 05.8 +0.5
ZALV	Zalesovo Beam	57.11	317	P	P	09 29 11.1 +0.2
ZALV	comp=Z,0.8nm,0.5s,baz=27,slow=6.8,SNR=2.8			PcP	PcP	09 29 05.8 +0.5
ZALV	Center Grove,	57.12	81	P	P	09 29 12.1 +0.8
637A	Eagle Lake	57.15	83	P	P	09 28 12.3 +0.8
934A	Benavides	57.15	87	P	P	09 28 13.2 +1.6
340A	Bronson	57.20	80	P	P	09 28 12.1 +0.3
241A	Hebbornville	57.35	79	P	P	09 28 13.6 +0.7
034A	Hebbornville	57.44	87	P	P	09 28 14.4 +0.8
ARCES	ARCES Array B	57.53	354	P	P	09 28 13.7 +0.1
ARCES	comp=Z,2.3nm,0.8s,baz=7.4,slow=7.7,SNR=3.7			PcP	PcP	09 29 06.7 0.0
ARCES	comp=Z,4.4nm,0.8s,baz=350,slow=4.0,SNR=8.5			LR	LR	09 54 21.9
440A	Kirbyville	57.64	81	P	P	09 28 15.4 +0.4
OXF	Oxford	57.66	74	eP	P	09 28 14.8 -0.3
OXF	Oxford	57.66	74	eP	pmax	09 28 14.8 -0.3
OXF	Oxford	57.66	74	eP	pmax	09 28 14.8 -0.3
035A	Encino	57.89	87	P	P	09 28 18.1 +1.4
M54A	Oil Creek Stat	58.25	62	P	P	09 28 18.7 -0.4
035Z	Hargill	58.26	87	P	P	09 28 20.1 +0.8
ZAIG	Aracatas	58.26	94	eP	P	09 28 20.2 +0.4
N54A	Moraine State	58.46	63	P	P	09 28 19.9 -0.6
VBMS	Vicksburg	58.64	77	P	P	09 28 22.0 +0.1
VBMS	Vicksburg	58.64	77	eP	P	09 28 22.1 +0.3
SSLB	Suanguing	58.19	269	eP	P	09 28 25.7 -0.1
O56A	Blue Knob Stat	59.71	62	P	P	09 28 28.9 -0.4
LRAL	Lakeview Retre	60.12	74	eP	P	09 28 31.0 -1.2
GTA	Gaotai	60.27	297	eP	P	09 28 27.4 -5.9
GTA	Gaotai	60.27	297	eP	pP	09 28 43.8 -3.4
GTA	Gaotai	60.27	297	eP	pP	09 28 51.3 +8.0
LZH	Lanzhou	60.41	292	eP	P	09 28 35.0 +0.7
LZH	Lanzhou	60.41	292	eP	pP	09 28 47.6 -0.6
LZH	Lanzhou	60.41	292	eP	pP	09 28 55.3 +1.1
LZH	Lanzhou	60.41	292	eP	pmax	09 28 55.3 +1.1
N59A	Star Game Lan	60.74	60	P	P	09 28 35.9 -0.5
BLA	Blacksburg	60.88	66	eP	P	09 28 37.5 +0.2
BLA	Blacksburg	60.88	66	eP	pmax	09 28 37.5 +0.2
BLA	Blacksburg	60.88	66	eP	pmax	09 28 37.5 +0.2
KMSC	Kings Mountain	61.86	68	P	P	09 28 43.6 -0.3

KMSC	Kings Mountain	61.86	68	eP	P	09 28 44.1 +0.1
GOGA	Godfrey	61.90	71	eP	P	09 28 43.4 -0.8
GOGA	Godfrey	61.90	71	eP	pmax	09 28 43.4 -0.8
GOGA	Godfrey	61.90	71	eP	pmax	09 28 43.4 -0.8
KURK	Kurchatov	62.06	318	eP	P	09 28 45.5 +0.5
KURK	Kurchatov	62.06	318	eP	pmax	09 28 45.5 +0.5

15d 10h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TOR, PLCA, LBTB, MAW, BOS, etc.

ISCJB 15 09:20:19.9,0.6,24.36S;0.08:179.8E:0.1,h517km, mb3.9/11, Error ellipse: s-maj=14.5km s-min=10.0km az=26.6

IDC 15 09:20:19.4,2.3,24.32S;179.88E,h502km,24km, mb3.4/10, mb1 3.6/11, mb1mx3.4/32, mbtmp4.2/11, Error ellipse: s-maj=24.1km s-min=13.5km az=153.0

ISC 15 09:20:20.5,6.2,24.48S;0.10:180.0E:0.1,h517km,n21, -1832/4, mb3.8/11, South of Fiji Islands

Main table for 15d 10h section, listing various stations and their parameters.

ISCJB 15 09:21:35.8,0.7,13.9S;0.1x14.37W:0.10,h10km, mb4.7/42, MS4.0/14, Error ellipse: s-maj=22.0km s-min=10.7km az=153.2

IDC 15 09:21:35.9,0.8,13.96S;14.39W,h0km,mb4.5/16, mb1 4.0/16, mb1mx3.9/30, mbtmp4.5/16, MS4.0/14, MS1 4.0/14, ms1mx3.9/30, Error ellipse: s-maj=28.6km s-min=17.7km az=152.0

MOS 15 09:21:36.5,0.9,13.74S;14.48W,h10km,mb5.2/12, Error ellipse: s-maj=26.6km s-min=7.6km az=64.1

NEIC 15 09:21:37.4,0.4,14.00S;14.37W,h10km,mb5.1/8, Error ellipse: s-maj=13.2km s-min=7.8km az=153.0

ISC 15 09:21:39.2,1.2,14.0S;0.2x14.4W:0.1,h22km,10km, h22km;p-P,n14,4,0977/108,mb4.8/42,MS4.0/14,14C-7D, Southern Mid-Atlantic Ridge

Main table for 15d 10h section, listing various stations and their parameters.

2011 FEB

Main table for 2011 FEB section, listing various stations and their parameters.

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mb1 4.0/9, mb1mx3.7/44, mbtmp3.7/9, ML3.3/2, Error ellipse: s-maj=34.8km s-min=20.2km az=153.0, ISCJB 15 09:29:36.8,1.1,52.8N;0.1x169.5W:0.1,h31km,6km, mb3.6/7, Error ellipse: s-maj=24.3km s-min=7.6km az=150.1, NEIC 15 09:29:37.9,52.60N;169.02W,h15km,ML3.4(AEIC), After AEIC, ISC 15 09:29:36.6,1.9,52.9N;0.1x169.5W:0.07,h19km,6km, n27,09717/27,mb3.6/7,Fox Islands

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

NEIC 15 09:53:19.1,21.85N;106.87W,h8km,MD4.1(MEX), After MEX, MEX 15 09:53:19.1,0.3,21.85N;106.87W,h8km,14km,MD4.1, Off coast of central Mexico

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

GUC 15 10:05:40.2,0.4,22.04S;68.55W,h109km,6km,ML5.4, Northern Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PB06, PB07, etc.

TAP 15 10:07:55.0,24.40N;121.88E,h9km,ML2.5,1C,D, Taiwan

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

JMA 15 10:08:36.4,0.3,25.07N;123.69E,h0km,M2.6,Northeast of Taiwan

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

IDC 15 09:29:33.8,1.1,52.26N;169.48W,h0km,mb3.7/7,

Table with columns: SOC, SMC, GUMT, ZKTA, GANJ, ESPY, KELT, GOF, ERZN, SEKA, SUSE, PTK, XNQ, ANN, SUDU, ARU, GERES, BRVK, AAK, KURK, TORD, etc. Each row contains station name, coordinates, and seismic data.

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

Table with columns: TWG, STYT, CHN4, WTP, CHN2, CHY, TWK, CHN1, SGST, ECL, WSF, JTY, SSD, CHN3, LAY, TWM, EAST, SGLT, SCZT, JIRB, HEN, TSEB, TSEB, TWK1, JIKM, JIKM, JMI, WDGJ, WDGJ, PNG, PNG, JOGS, JKE, KRSR, SONM, MKAR, ZALV, ASAR, etc. Lists seismic stations and their characteristics.

CSEM 15 13:15:25.0, 38.41N, 22.03E, h38km, ML 1.3/7 Error ellipse: s-maj=2.1km s-min=0.9km az=314.0. Analyst: Plessa ML Amplitudes are expressed in micrometres All distances are expressed in km, Greece

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

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

WEL 15 13:23:37.8, 0.3, 35.54S, 178.31E, h255km, 5km, ML3.7/5, Error ellipse: s-maj=7.5km s-min=7.5km az=0.0, Off east coast of North Island

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

Table with columns for station name, frequency, power, and other technical details. Includes stations like RPR Rampur, GKN Gorkha, HYB Hyderabad, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SMLA Simla, ZAK Zakamensk, WMO Urumqi, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MK31 Makanchi Array, MKAR Makanchi Array, MAZ Makanchi, etc.

PET	comp=Z,82nm,1.4s	MLR	MLR		
PET	comp=Z,4µm,21.0s				
PAF	comp=Z,3µm,14.0s	MLR	MLR		
PAF	Port-aux-Franc 63.80 215	PFAKE	LR	13 44 40.0	+16
ZALV	comp=Z,7µm,19.0s				
ZALV	Zalesovo Beam 63.96 337	P	P	13 44 23.7	-1.4
ZALV	comp=Z,2.95nm,0.9s,baz=128,slow=5.1,SNR=77	PKP2b		14 13 17.7	
ZALV	comp=Z,3.0nm,1.2s,baz=329,slow=5.0,SNR=2.8	LR	LR	14 13 22.5	
CASY	comp=Z,5µm,21.9s,baz=153,slow=37	LR	LR		
CASY	Casey 64.13 185	eP	P	13 44 27.6	+1.6
IUG	comp=Z,8.7nm,1.1s				
IUG	luzhny 64.26 320	LR	LR		
IUG	comp=Z,1µm,1.8s	LR	LR		
IUG	comp=Z,2µm,21.4s	LR	LR		
KURBB	Kurchatov Arra 64.37 331	P	P	13 44 26.9	-0.9
KURK	Kurchatov 64.38 331	P	P	13 44 26.1	-1.8
KURK	comp=Z,710nm,0.8s,SNR=34	eP	P	13 44 26.3	-1.6
KURK	Kurchatov 64.38 331	eP	P	13 44 26.1	-1.8
KURK	comp=Z,7µm,22.0s				
KURK	Kurchatov 64.38 331	P	P	13 44 26.1	-1.8
KURK	comp=Z,329nm,1.1s	pmax	pmax		
KKAR	Karatay Array 64.44 321	eP	P	13 44 27.5	-1.0
KKAR	Karatay Array 64.44 321	eP	P	13 44 27.5	-1.0
YAK	Yakutsk 64.65 4	P	P	13 44 27.9	-1.5
YAK	comp=Z,6.4nm,0.5s,baz=202,slow=17,SNR=10	eP	P	13 44 27.1	-2.3
YAK	Yakutsk 64.65 4	eP	P	13 44 27.1	-2.3
YAK	comp=Z,93nm,0.8s				
YAK	comp=Z,4µm,20.0s				
YAK	Yakutsk 64.65 4	eP	P	13 44 28.6	-0.8
YAK	ePPP	PPP		13 46 51.2	
YAK	eSS	SS		13 53 02.2	+5.3
YAK	eSS	SS		13 53 35.2	+1.4
YAK	e			13 54 18.0	
YAK	comp=Z,62nm,0.9s	pmax	pmax		
YAK	comp=N,23nm,1.4s	pmax	pmax		
YAK	comp=E,12nm,1.2s	pmax	pmax		
YAK	comp=Z,16nm,0.8s	pmax	pmax		
YAK	comp=E,25nm,1.7s	pmax	pmax		
YAK	comp=N,109nm,1.9s	pmax	pmax		
YAK	comp=E,219nm,3.0s	smax	smax		
YAK	comp=N,204nm,4.9s	smax	smax		
MRIV	Mauritsius Mete 64.76 249	eP	P	13 44 35.0	+4.0
NVS	Novosibirsk 65.25 337	eP	P	13 44 31.5	-1.9
NVS	eS	S		13 44 44.7	
NVS	i	S		13 53 12.4	-2.7
NVS	comp=Z,54nm,0.9s	pmax	pmax		
NVS	comp=N,20nm,0.8s	pmax	pmax		
NVS	comp=E,13nm,0.6s	pmax	pmax		
NVS	comp=Z,76nm,2.0s	pmax	pmax		
NVS	comp=N,38nm,1.8s	pmax	pmax		
NVS	comp=E,20nm,1.2s	smax	smax		
NVS	comp=N,1.0nm,0.2s	smax	smax		
MA2	Magadan 66.03 16	P	P	13 44 38.3	-0.1
OTUK	Ortayu 66.12 326	P	P	13 44 37.2	-2.1
OTUK	comp=Z,85nm,1.5s	pmax	pmax		
JMDO	Jabal Madar 66.53 296	P	P	13 44 40.4	-2.0
HOQ	Hogain 67.52 297	P	P	13 44 47.0	-1.7
ARQ	Araqi 68.17 296	P	P	13 44 51.1	-1.7
UOSS	Minazif 68.81 298	eP	P	13 44 55.4	-1.4
UOSS	comp=Z,13nm,1.7s	LR	LR		
HATO	Hatta, Dubai 68.85 298	iP	P	13 44 55.2	-1.8
ASHO	Ashtiyah 68.88 298	iP	P	13 44 55.9	-1.3
ASHO	Ashtiyah 68.88 298	iP	P	13 44 55.0	-1.3
NIUE	Niue 68.98 109	P	P	13 44 57.3	-0.6
RBK	Rabkut 69.17 290	P	P	13 44 58.4	-0.7
SEY	Seymchan 69.28 15	P	P	13 44 58.7	-0.2
SEY	comp=Z,4.7nm,0.7s,baz=217,slow=8.5,SNR=13	eP	P	13 44 59.5	+0.6
FAQ	Al Faqa, Dubai 69.31 297	iP	P	13 44 58.6	-1.3
ASUD	Al Ashyash, Dub 69.52 297	iP	P	13 44 59.9	-1.2
BVAO	Borovoye Array 69.83 330	P	P	13 45 00.9	-1.6
BVAO	comp=Z,96nm,1.3s	pmax	pmax		
BVR	Borovoye Array 69.83 330	P	P	13 45 01.9	-0.6
BVRK	Borovoye 69.91 330	P	P	13 45 03.3	+0.4
BVRK	comp=Z,180nm,1.2s,SNR=7.5	eP	P	13 45 03.0	+0.1
BVRK	Borovoye 69.91 330	eP	P	13 45 03.0	+0.1
BVRK	comp=Z,193nm,1.2s	LR	LR		
BVRK	Borovoye 69.91 330	iP	P	13 45 03.3	+0.4
BVRK	comp=Z,70nm,1.7s	pmax	pmax		
BVRK	comp=Z,7µm,21.0s	MLR	MLR		
ABTO	Aybut 70.00 289	P	P	13 45 02.2	-2.1
CHKZ	Chkalovo 70.09 331	P	P	13 45 01.0	-3.0
CHKZ	comp=Z,89nm,1.3s	pmax	pmax		
GEYT	Alibek 70.86 312	P	P	13 45 08.7	-0.5
GEYT	comp=Z,11nm,0.9s,baz=142,slow=5.1,SNR=17	LR	LR	14 21 47.9	
AB31	Akbulak array 73.77 323	iP	P	13 45 24.9	-1.3
AB31	comp=Z,6µm,19.7s,baz=105,slow=4.1	pmax	pmax		
ABKAR	Akbulak array 73.77 323	eP	P	13 45 24.2	-2.0
TIXI	Tiksi 74.16 2	eP	P	13 45 25.2	-2.9
TIXI	comp=Z,90nm,1.1s	LR	LR		
TIXI	Tiksi 74.16 2	iP	P	13 45 27.2	-0.9
TIXI	comp=Z,7µm,20.0s	pmax	pmax		
TIXI	comp=Z,18nm,0.8s	MLR	MLR		
CRZF	Crozet Islands 74.22 222	PFAKE	LR	13 45 40.0	+11
CRZF	comp=Z,5µm,19.0s	LR	LR		
ABPO	Ambohimpanom 74.30 251	P	P	13 45 33.4	+3.2
ABPO	comp=Z,285nm,1.2s,SNR=5.9	eP	P	13 45 29.9	-0.2
ABPO	Ambohimpanom 74.30 251	eP	P	13 45 29.9	-0.2
ABPO	comp=Z,273nm,1.8s	LR	LR		
ABPO	Ambohimpanom 74.30 251	eP	P	13 45 29.9	-0.2
ABPO	comp=Z,6µm,20.0s	pmax	pmax		
ABPO	Ambohimpanom 74.30 251	eP	P	13 45 29.9	-0.2
ABPO	comp=Z,273nm,1.8s	pmax	pmax		

ABPO	comp=Z,6µm,20.0s	MLR	MLR		
OPO	Ambohimpanom 74.31 252	LR	LR	14 14 32.3	
NRIK	comp=Z,2µm,21.7s,baz=84,slow=33	P	P	13 45 32.6	-2.0
NRIK	Noriksk 75.29 348	P	P	14 21 22.7	
NRIK	comp=Z,11nm,0.8s,baz=118,slow=7.2,SNR=6.2	LR	LR		
NRIK	comp=Z,5µm,20.6s,baz=145,slow=38	LR	LR	13 45 34.9	-0.7
AKTO	Aktyubinsk 75.38 324	P	P	13 45 33.5	-2.1
AKTO	Aktyubinsk 75.38 324	P	P	13 45 33.5	-2.1
MAW	comp=Z,172nm,1.9s	pmax	pmax		
MAW	Mawson 76.15 200	P	P	13 45 40.2	+0.6
MAW	comp=Z,27nm,1.1s,baz=63,slow=9.2,SNR=5.4	LR	LR	14 13 42.8	
ATKA	comp=Z,8µm,22.0s,baz=56,slow=31	eP	P	13 45 46.5	+4.3
ATKA	Alka Island 76.57 35	eP	P	13 45 46.5	+4.3
SVE	Sverdllovsk 76.61 330	iP	P	13 45 40.7	-1.7
SVE	comp=Z,121nm,0.9s	eS	S	13 55 22.8	-4.2
SVE	comp=Z,147nm,1.3s	pmax	pmax		
BILL	Bilibino 76.90 16	iP	P	13 45 43.9	+0.1
BILL	comp=Z,12nm,0.8s,baz=130,slow=5.8,SNR=40	eS	S	13 45 53.3	
BILL	comp=Z,11nm,1.6s	pmax	pmax	13 55 19.6	-1.0
ARU	Arti 77.47 330	P	P	13 45 45.1	-2.1
ARU	Arti 77.47 330	P	P	13 45 44.3	-3.0
ARU	comp=Z,2.1nm,0.3s,baz=117,slow=4.3,SNR=9.2				
ARU	comp=Z,90nm,1.2s	LR	LR		
ARU	Arti 77.47 330	iP	P	13 45 45.6	-1.7
ARU	Arti 77.47 330	iP	P	13 45 44.6	-1.8
ARU	comp=Z,4µm,19.0s	pmax	pmax		
VNDA	Vanda 78.02 172	P	P	13 45 49.9	-0.1
VNDA	comp=Z,23nm,1.7s	LR	LR		
VNDA	comp=Z,24nm,0.8s,baz=309,slow=7.1,SNR=13	LR	LR	14 19 08.7	
RAYN	Ar Rayn 78.16 295	P	P	13 45 50.9	-1.0
RAYN	Ar Rayn 78.16 295	P	P	13 45 49.8	-2.1
RAYN	comp=Z,12µm,20.9s,baz=330,slow=35	eP	P	13 45 49.8	-2.1
RAYN	Ar Rayn 78.16 295	eP	P	13 45 49.8	-2.1
RAYN	comp=Z,32nm,1.1s	LR	LR		
RAYN	Ar Rayn 78.16 295	eP	P	13 45 49.8	-2.1
SBA	Scott Base 78.98 171	eP	P	13 45 53.9	-1.4
SBA	Scott Base 78.98 171	eP	P	13 45 53.9	-1.4
SOKR	Soikikamsk 79.62 332	eP	P	13 46 01.8	+2.8
SOKR	comp=Z,39nm,1.5s	pmax	pmax		
SOKR	comp=Z,39nm,1.5s	MLR	MLR		
GNI	Garni 81.48 311	iP	P	13 46 08.0	-1.7
GNI	Garni 81.48 311	eP	P	13 46 11.4	+1.7
GNI	Garni 81.48 311	eP	P	13 46 11.4	+1.7
GNI	comp=Z,228nm,1.5s	pmax	pmax		
UNV	Unalaska Valle 81.50 35	eP	P	13 46 09.4	+0.2
UNV	comp=Z,253nm,1.6s				
TBLG	Delisi 81.78 313	P	P	13 46 12.2	+1.2
TBLG	Delisi 81.78 313	P	P	13 46 12.2	+1.2
AGUT	Akutan 81.99 35	eP	P	13 46 12.5	+0.8
AGUT	comp=Z,291nm,1.1s				
GAMB	Gambell 82.19 24	eP	P	13 46 13.0	+0.4
ZEI	Tsey 82.58 314	eP	P	13 46 15.6	+0.1
ZEI	comp=Z,162nm,0.9s	pmax	pmax		
AKH	Akhalkalaki 82.64 312	P	P	13 46 17.9	+2.1
AKH	Akhalkalaki 82.64 312	P	P	13 46 17.9	+2.1
ONI	Oni 82.87 313	P	P	13 46 22.1	+5.3
ONI	Oni 82.87 313	P	P	13 46 22.1	+5.3
NCK	Nalchik 82.93 314	iP	P	13 46 18.6	+1.6
NCK	comp=Z,15nm,1.0s	pmax	pmax		
NCK	comp=Z,15nm,1.0s	MLR	MLR		
FURI	Furi 83.27 279	iP	P	13 46 19.8	0.0
FURI	Furi 83.27 279	PFAKE	LR	13 46 30.0	+1.0
FURI	comp=Z,4µm,26.0s	LR	LR		
KBZ	Khabaz 83.47 314	P	P	13 46 18.9	-0.8
KBZ	comp=Z,6.3nm,0.9s,baz=118,slow=3.7,SNR=10	LR	LR	14 28 41.3	
KBZ	Khabaz 83.47 314	P	P	13 46 19.0	-0.8
FALS	False Pass 83.50 34	P	P	13 46 20.4	+0.8
FALS	comp=Z,119nm,0.7s	LR	LR		
NEY	Neytroino 83.51 314	iP	P	13 46 20.4	+0.1
KIV	Kislovodsk 83.66 315	P	P	13 46 21.5	+0.7
KIV	comp=Z,36nm,1.1s	LR	LR		
KIV	Kislovodsk 83.66 315	eP	P	13 46 21.9	+1.0
KIV	comp=Z,3µm,20.8s,baz=92,slow=40	eS	S	13 49 34.9	
KIV	comp=Z,3µm,20.8s,baz=92,slow=40	eS	S	13 56 42.4	+0.5
KIV	comp=Z,3µm,20.8s,baz=92,slow=40	eSS	SS	14 05 40.2	
CHVG	Ch'k'valeri 83.89 313	P	P	13 46 27.0	+5.0
KMBO	Kilima Mbogo 84.17 269	P	P	13 46 25.1	+0.8
KMBO	comp=Z,34nm,1.1s,baz=56,slow=7.8,SNR=23	LR	LR	14 20 26.8	
KMBO	comp=Z,3µm,20.8s,baz=94,slow=33	P	P	13 46 24.8	+0.4
KMBO	Kilima Mbogo 84.17 269	eP	P	13 46 24.8	+0.4
KMBO	Kilima Mbogo 84.17 269	eP	P	13 46 24.8	+0.4
KMBO	comp=Z,140nm,1.3s	pmax	pmax		
KMBO	Kilima Mbogo 84.17 269	eP	P	13 46 24.8	+0.4
KMBO	comp=Z,140nm,1.3s	pmax	pmax		
UWE	Uwekahuna 84.45 70	PFAKE	LR	13 46 40.0	+15
UWE	comp=Z,4µm,21.0s	LR	LR		
SYO	Syowa Base 84.77 201	eP	P	13 46 26.0	+0.1
SYO	Syowa Base 84.77 201	iP	P	13 46 34.2	+8.3
SDPT	Sand Point 85.26 34	eP	P	13 46 30.0	+1.5
VRH	Novokhopovsk 85.51 322	eP	P	13 46 28.7	-1.2
VRH	comp=Z,155nm,0.9s	ePPP	P	13 46 34.8	+2.0
VRH	comp=Z,40nm,0.9s	pmax	pmax		
VRH	comp=Z,3µm,15.0s	MLR	MLR		
SOC	Sochi 85.73 314	eP	P	13 46 29.2	-2.0
SOC	comp=Z,17nm,1.1s	eS	S	13 49 46.8	
SOC	comp=Z,17nm,1.1s	eS	S	13 56 52.4	-2.7
SOC	comp=Z,17nm,1.1s	eSS	SS	14 02 36.2	-3.1
SOC	comp=Z,17nm,1.1s	eSS	SS	14 06 08.1	
SOC	comp=Z,13nm,0.5s	pmax	pmax		
SOC	comp=Z,13nm,0.5s	MLR	MLR		
WORD	Divnogorie 86.99 321	eP	P	13 46 35.9	-1.3
WORD	comp=Z,6µm,22.0s	pmax	pmax		
WORD	comp=Z,30nm,0.9s	MLR	MLR		
VSR	Storozhevo 87.10 321	eP	P	13 46 36.6	-1.1
VSR	comp=Z,3µm,16.				

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MVCO, MDND, N23A, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like mb1 3.5/5, mb1mx3.3/4, etc.

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Table with columns for station code, name, frequency, and signal strength. Includes stations like JNU, TPUB, JFA, SSE, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like ERM, HHC, HHC, HHC, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like TYV, MWPI, LUWI, SRAK, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KIV Kislovodsk, ARCES ARCES Array B, and many others.

Table with columns for station name, frequency, power, and other technical details. Includes stations like GZR Gura Zlata, MORC Moravsky Berou, and many others.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KHC Kasperske Hory, I05D Terrebonne, OR, and many others.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ELK, GMCM, TIN, YNR, YFT, VES, KMBO, PKM, H17A, IMW, FLWY, CWC, SBC, RLMT, MOOW, GRAC, ISA, HVU, ARVC, LOHW, REDW, DGMT, R11A, AHID, A25A, OSI, MPMC, BLG, FURC, TPNV, EDW2, B25A, A26A, DUG, MWC, C25A, B26A, A27A, BW06, PDAR, CIS, GSC, SHOC, PSUT, BFSC, BFSC, SC12, D25A, NLU, C26A, SHPR, A28A, MPU, TUQ, BBRC, HEC, E25A, B28A, C27A, MURC, D26A, A29A, GMRC.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MSU, D27A, E26A, PFO, PFO, C28A, A30A, ULMF, BELC, LCMT, Q16A, MDND, F26A, P18A, G25A, B30A, BAR, MONP, K22A, SRU, SRU, IRM, F27A, BC3, H25A, B31A, E28A, G26A, RSSD, RSSD, SWSC, W13A, C30A, G27A, I25A, U15A, PDMCI, Q20A, E29A, B32A, D30A, Y12C, Y12C, GLA, GLA, GLA, H27A, E30A, G28A, PV09, I27A, PV10, J26A, B34A, H28A, N23A, Y14A, WUAZ, WUAZ, PV01, J27A, C34A, SMCO, C35A, X16A, ISCO, MVCO, J29A, C36A, F33A, D35A, 214A, C37A, D36A, S22A, EYMM.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Q24A, TXAR, TXAR, TORD, DBIC, SDV, SDV, GUYC, TOLC, RUSC, ROSE, CHIC, YOPC, OTAV, OTAV, BRUC, CRET, NNA, SAML, SAML, LPAZ, LPAZ, BPO1, BDFB, IDC, JOKE, ISCJB, NEIC, JMA, ISC, Code, Station Name, Az, Az, Phase ID, Time, Res, ISC. Includes technical notes like 'Error ellipse: s-maj=1.9km s-min=0.4km az=92.0' and 'Central Italy'.

Table with columns: MNI, Manado, 5.13 39 P, Pn, 15 49 25.3 -0.2, NLAI, Namlea, 5.49 97 P, Pn, 15 49 30.6 +0.3

IS/CJB 15 15:48:60.0, 0.4, 1.34N, 0.04, 44.42E, 0.06, h3km, 8km, Error ellipse: s-maj=8.3km s-min=6.0km az=37.2

DDA 15 15:48:59.4, 41.44N, 44.32E, h7km, Md2.6 TIF 15 15:48:59.5, 41.43N, 44.43E, h0km CSEM 15 15:49:00.1, 0.2, 41.36N, 44.39E, h0km, 2km, ML3.7, Error ellipse: s-maj=6.7km s-min=6.3km az=133.0

ISC 15 15:48:59.2, 1.0, 41.38N, 0.04, 44.48E, 0.07, h7km, 7km, n11, c077/20, Western Caucasus

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

IDC 15 15:51:28.9, 9.8, 1.01N, 123.51E, h0km, mb3.5/3, mb1 3.7/3, mb1mx3.2/37, mbtmp3.5/3, Error ellipse: s-maj=250.5km s-min=153.8km az=61.0

ISCJB 15 15:51:51.1, 0.4, 2.60S, 0.04, 121.69E, 0.05, h10km, mb3.3/3, Error ellipse: s-maj=7.0km s-min=4.9km az=30.6

DJA 15 15:51:52.4, 0.2, 3.52S, 122.12E, h10km, M3.6/12, MLV3.6/12

ISC 15 15:51:51.9, 1.0, 2.56S, 0.04, 121.66E, 0.05, h10km, n20, c052/22, mb3.1/3, Sulawesi

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

CSEM 15 16:07:47.6, 0.6, 28.37N, 58.98E, h10km, ML3.7, Error ellipse: s-maj=13.1km s-min=7.8km az=174.0

TEH 15 16:07:49.8, 28.39N, 59.00E, h23km, ML3.7, 4C-10D, Southern Iran

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

IDC 15 16:28:17.8, 1.0, 4.17N, 126.59E, h0km, mb3.7/9, mb1 3.8/9, mb1mx3.6/45, mbtmp3.7/9, Error ellipse: s-maj=78.7km s-min=15.4km az=65.0, Talaud Islands

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

ZALV Zalesovo Beam 60.13 333 P, P, 16 38 26.1 -0.9, 0.6nm, 0.4s, baz=114, slow=7.0, SNR=3.6

KURBB Kurchatov Arra 61.29 327 P, P, 16 38 35.0 0.0, 1.0nm, 0.6s, baz=125, slow=6.5, SNR=14

BVAR Borovoye Array 66.87 327 P, P, 16 39 12.2 +0.5, 0.7nm, 0.6s, baz=86, slow=6.3, SNR=4.1

ISCJB 15 16:29:34.4, 1.0, 30.9N, 0.1, 83.4E, 0.2, h11km, mb3.5/9, Error ellipse: s-maj=3.7km s-min=1.2km az=149.3

IDC 15 16:29:34.7, 1.1, 20.1N, 83.42E, h0km, mb3.5/10, mb1 3.7/12, mb1mx3.5/51, mbtmp3.5/12, ML3.2/2, Error ellipse: s-maj=43.0km s-min=16.3km az=58.0

ISC 15 16:29:36.7, 1.3, 31.0N, 0.2, 83.5E, 0.3, h11km, n12, c093/12, mb3.6/9, Xizang

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

IDC 15 16:38:05.8, 0.9, 38.27N, 143.48E, h0km, mb3.7/12, mb1 3.8/17, mb1mx3.7/46, mbtmp3.7/17, ML3.2/5, Error ellipse: s-maj=22.2km s-min=14.9km az=102.0

ISCJB 15 16:38:06.0, 0.6, 38.35N, 0.04, 143.40E, 0.05, h15km, mb3.7/12, Error ellipse: s-maj=6.8km s-min=5.0km az=143.2

JMA 15 16:38:08.4, 0.2, 38.38N, 143.37E, h33km, M4.1

ISC 15 16:38:08.6, 0.9, 38.38N, 0.06, 143.38E, 0.08, h15km, n38, 124/42, mb3.7/12, Off east coast of Honshu

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

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

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

DDA 15 17:01:18.6, 3.7, 59N, 37.52E, h7km, Md2.8

ISK 15 17:01:18.5, 3.7, 46N, 37.47E, h4km, Md2.6

CSEM 15 17:01:19.0, 0.2, 37.60N, 37.49E, h2km, Md2.6, Error ellipse: s-maj=5.1km s-min=4.7km az=60.0

ISC 15 17:01:19.2, 1.3, 37.59N, 0.03, 37.50E, 0.03, h1km, n12km, n17, c108/31, Turkey

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

DARE DARE 1.06 98 eSg, Sn, 17 01 56.0 -1.2, URFA URFA 1.06 98 ePp, Pb, 17 01 39.7 -0.7

URFA URFA 1.06 98 eSg, Pb, 17 01 54.8 0.0, URFA URFA 1.06 98 ePp, Pb, 17 01 39.7 -0.7

SURC SANLIURFA_SURC 1.14 128 P, P, 17 01 40.4 -0.6, SURC SANLIURFA_SURC 1.14 128 P, P, 17 01 55.9 -1.0

SURC SANLIURFA_SURC 1.14 128 P, P, 17 01 40.3 -0.6, SARI SarD1z-Kayseri 1.18 314 ePn, Sb, 17 01 55.9 -1.0

SARI SarD1z-Kayseri 1.18 314 eSg, Sn, 17 01 41.1 0.0, SARI SarD1z-Kayseri 1.18 314 eSg, Sn, 17 02 01.1 +1.3

PGC 15 17:02:27.5, 1.1, 59.95N, 140.80W, h1km, ML2.5/10, 104km Wren of West, Alaska Southeastern Alaska

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

IDC 15 17:06:43.9, 3.2, 4.37N, 123.75E, h535km, 32km, mb2.8/4, mb1 3.0/4, mb1mx2.5/44, mbtmp3.8/4, Error ellipse: s-maj=244.7km s-min=15.6km az=63.0, Celebes Sea

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

DJA 15 17:10:15.8, 0.3, 3.3S, 122.2E, h10km, M3.5/7, MLV3.5/7, Sulawesi

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

IDC 15 17:17:48.7, 0.9, 13.43N, 125.37E, h0km, mb3.6/9, mb1 3.7/9, mb1mx3.5/49, mbtmp3.6/9, MS3.8/1, Ms1 3.8/1, ms1mx2.7/34, Error ellipse: s-maj=45.5km s-min=15.9km az=69.0

ISCJB 15 17:17:50.4, 0.8, 13.44N, 0.1, 125.3E, 0.2, h24km, mb3.6/9, MS3.8/1, Error ellipse: s-maj=33.7km s-min=13.1km az=159.3

ISC 15 17:17:52.4, 1.0, 13.44N, 0.2, 125.4E, 0.3, h24km, n10, c068/9, mb3.5/9, Philippine Islands region

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

IDC 15 17:18:58.0, 1.4, 19.45S, 168.14E, h0km, mb3.9/5, mb1 4.2/6, mb1mx3.9/40, mbtmp3.9/6, ML3.8/1, MS3.1/1, Ms1 3.1/1, ms1mx2.7/29, Error ellipse: s-maj=61.9km s-min=22.6km az=142.0

NEIC 15 17:18:59.2, 0.8, 19.47S, 168.12E, h10km, mb4.2/2, Error ellipse: s-maj=24.8km s-min=14.5km az=135.0

ISCJB 17 17:19:02.1, 1.0, 19.65S, 0.2, 168.1E, 0.2, h26km, mb3.9/6, Error ellipse: s-maj=29.9km s-min=11.3km az=30.1

ISC 15 17:19:01.8, 1.1, 19.65S, 0.2, 168.1E, 0.2, h26km, n10, c092/10, mb4.0/6, Vanuatu Islands

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

NIED 15 17:23:00.25.90N,128:50E,h17km,Mw4.6 Best double couple: M=7.67000,1015 NP1=221.00000,838.00000,1.76.00000... NP2=46.00000,852.00000,1.93.00000... BUJ 15 17:23:47.2.25.72N,128:53E,h16km,mb4.4/2,mb4.9/3, Ms4.6/41,Ms7.4/50

NEIC 15 17:23:50.91.5.25.95N,128:31E,h13km,mb4.8/36, Error ellipse: s-maj=7.4km, s-min=4.7km, az=129.0 NEIC Felt [I] at Chatan. Also felt at Gushikawa, Naha, Okinawa and Yomitan. Recorded [I JMA] on Okinawa. ISCJB 15 17:23:50.4.0.6.25.90N,0:02:128:42E,0.03,h24km,4km, mb4.6/67,MS4.2/17, Error ellipse: s-maj=4.5km s-min=3.3km az=137.8

JMA 15 17:23:51.6.0.3.25.94N,128:47E,h42km,M4.6 JMA Felt I J1. MOS 15 17:23:51.8.1.3.25.95N,128:39E,h33km,mb4.7/19, Error ellipse: s-maj=8.9km s-min=5.8km az=98.5

ISC 15 17:23:53.0.9.25.96N,0:04:128:38E,0.03,h29km,5km, m204,r192/230,mb4.6/67,MS4.3/17,9C-10D,Ryukyu Islands

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

Main table with columns: GYA, Guiyang, 19.50 276, Pn, 17 28 20.0 +0.3. Lists seismic events with station codes, magnitudes, and arrival times.

Table with columns: TAPN, Tapejung, 36.27 281, eP, P, 17 30 55.1 +0.5. Lists seismic events with station codes, magnitudes, and arrival times.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like KSH, MK31, MKAR, YAK, MAKZ, KZA, TKM2, KBK, UCH, AAK, AML, USP, EKS2, SEY, ZALV, KURK, DZET, TIXI, BVA0, BRVK, GEYT, NRIK, ABKAR, ARU, RAYN, SPITS, ARCES, TXAR, TORD, JTS, CPUP, LPAZ.

CSEM 15 17:34:31.21, 2.37, 65N, 44.33E, h5km, MD2.7, Error ellipse: s-maj=23.5km s-min=8.4km az=101.0

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like HAKT, CUKT, TVAN, GEVA, SIRT, BTM, SVAN, MARD.

NIED 15 17:38:33.1, 0.8, 27.30N, 143.25E, h0km, mb4.0/15, mb1.4/18, mb1mx4.0/46, mbtmp4.0/18, ML3.2/3, MS3.2,

ellipse: s-maj=18.6km s-min=16.4km az=118.0, ISCJB 15 17:38:35.3, 0.6, 27.52N, 0.04, 143.28E, h0km, mb4.1/22, Error ellipse: s-maj=9.0km s-min=4.4km az=28.5

NEIC 15 17:38:36.9, 1.9, 27.31N, 143.13E, h24km, 11km, mb4.0/4, Error ellipse: s-maj=13.7km s-min=8.0km az=97.0

JMA 15 17:38:37.1, 0.1, 27.49N, 143.15E, h61km, M4.0, ISC 15 17:38:37.1, 0.8, 27.44N, 0.07, 143.23E, h0km, m48, s1905/55, mb4.2/22, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like CBJJ, BSO1, BSO3, JOD2, JYU, JRY, JHO, MJAR, MAJO, JMK, ERM, KRSR, KSAR, USRK, YHNB, MDJ, HIA, ULN, SOMN, TLY, CHTO, CMAR, WRAB, WRA, ZALV, ZALV, MKAR, ASAR, KURK, KURB, TKM2, AAK, ILAR, EKS2, BVAR, BRVK, KKR, ARU, ABKAR, YKA, FINES, KBZ, AKASO, BRTR, LPAZ.

MAN 15 17:57:10, 15.70N, 121.72E, h41km, mb4.4, ML3.3, MS3.2, 1D, LUZON

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like BALP, PCPH, CAUP, ABRA, APYP, APYP, MAN 15 18:05:38.6, 4.5, 38.00N, 144.23E, h0km, ML2.7, Error ellipse: s-maj=25.6km s-min=11.0km az=94.0

ISC 15 18:07:49.3, 0.5, 6.177S, 174.16W, h0km, mb3.6/4, mb1.3/9.4, mb1mx3.6/15.5, mbtmp3.6/4, Error ellipse: s-maj=193.4km s-min=29.9km az=148.0, Tonga Islands

Table with columns: WRA, ASAR, PDAR, ILAR. Includes station names and coordinates.

NNC 15 18:12:19.2, 7.4, 37.18N, 71.40E, h0km, mb3.8, mpv3.3, 3C-2D, Error ellipse: s-maj=62.7km s-min=28.3km az=169.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like DZET, AAK, AAK, KK31, KK31.

BUI 15 18:13:43.6, 1.80N, 124.00E, h300km, mb4.3/38, mb4.7/21, KLM 15 18:13:44.0, 1.73N, 124.36E, h301km, mb4.7, MS5.5, NEIC 15 18:13:44.6, 0.4, 1.80N, 124.02E, h314km, 5km, mb4.7/38, Error ellipse: s-maj=6.1km s-min=4.2km az=65.0

ISCJB 15 18:13:44.3, 0.2, 1.80N, 0.02, 124.05E, 0.3, h323km, mb4.3/65, Error ellipse: s-maj=4.0km s-min=3.1km

IDC 15 18:13:45.8, 1.2, 1.76N, 124.04E, h326km, 12km, mb3.9/18, mb1.4/0.21, mb1mx3.8/43, mbtmp4.6/21, Error ellipse: s-maj=15.4km s-min=6.3km az=74.0

DJA 15 18:13:46.2, 0.2, 2.3, 12.4E, h303km, 3km, M4.5/48, mb4.8/48, mb5.0/22, MLV5.1/19, Mw(mb)4.4/22, ISC 15 18:13:45.8, 0.3, 1.76N, 0.04, 124.14E, 0.05, h323km, n150, s1511/60, mb4.5/65, 5C-4D, Minahasa Peninsula

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like KMSI, GTOI, MRSI, LUWI, TNTI, APST, LAMI, SANN, PCI, DMPH, DAV, DAV, TTSI, MYLDM, KRAI, TSM, AAI, MMSI, MSAI, SPSI, PMSI, SWI, BKB, SDKM, KAPI, KAPI, BKSI, BNDI, BSSI, KKM, KKM, KKM, FBKI, MWPI, MMRI, MMRI, BBKI, EDFI, SOEI, SOEI, DBNI, SBUM, SBUM, SBUM, TWSI, STKI, KHKI, SRBI, KMMI, DNP, ABJI, BYJI, BLJI, KRKI, MTN, GENI, FITZ, FITZ, MYKOK, TWG, YULB, TPUB.

Table with columns: Station Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Manna, Christmas Isla, Suanqing, Qiongzong, Ninganchiao, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like WMO, Kashi, KSH, etc. Also contains a section for 'Near coast of Chiapas' with specific coordinates and parameters.

Table with columns: Station Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like RAMN Ramite, CD2 Chengdu, JIRN Jiri, etc.

15d 19h

2011 FEB

Table with columns: Call sign, Name, Frequency, Power, Mode, and other details. Includes entries like C09A, D08A, OBN, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other details. Includes entries like BOZ, UOSS, HATD, etc.

Table with columns: Call sign, Name, Frequency, Power, Mode, and other details. Includes entries like LVV, BOYT, P18A, etc.

COLA	College	47.24	33	P	P	19 15 27.2	+3.6
COLA	College	47.24	33	eP	pmax	19 15 26.3	+2.6
CCB	Clear Creek Bu	47.27	33	eP	P	19 15 30.1	+6.2
PMSI	Majene	47.29	214	P	P	19 15 24.6	0.0
SPSI	Sidrap Palu	47.34	212	P	P	19 15 29.1	+4.1
DHY	Denali Highway	47.51	35	eP	P	19 15 28.2	+2.1
ODAN	Odare	47.57	273	eP	P	19 15 27.6	+0.5
SCM	Sheep Creek Mo	47.61	37	eP	P	19 15 29.6	+2.9
SCM	Sheep Creek Mo	47.61	37	eP	pmax	19 15 29.7	+2.9
HDA	Harding Lake	47.64	34	eP	P	19 15 29.3	+2.4
ILAR	Eielson Array	47.66	33	P	P	19 15 25.6	-1.4
JIRN	Jiri	48.13	275	eP	P	19 15 32.6	+1.0
RAMN	Ramit	48.14	274	eP	P	19 15 32.2	+0.6
GUN	Gumba	48.26	275	eP	P	19 15 33.4	+0.9
FYU	Fort Yukon	48.28	31	eP	P	19 15 31.8	0.0
KAPI	Kappang	48.29	212	P	P	19 15 33.8	+1.4
KAPI	Kappang	48.29	212	P	P	19 15 36.3	+3.9
KAPI	Kappang	48.29	212	eP	P	19 15 31.3	-1.1
KLU	Klutina	48.31	37	eP	P	19 15 35.2	+3.0
DIV	Divide	48.42	38	eP	P	19 15 35.7	+2.7
KKN	Kakani	48.78	275	eP	P	19 15 37.3	+0.9
PKIN	Phulchoki	48.79	275	eP	P	19 15 37.1	+0.5
DOT	Dot Lake	48.96	34	eP	P	19 15 43.2	+6.1
DMN	Daman	49.00	275	eP	P	19 15 39.0	+0.8
BMRM	Bremner River	49.00	38	eP	P	19 15 43.3	+5.8
BSSI	Bau Bau, Buton	49.02	210	P	P	19 15 39.8	+1.8
BBKI	Banjar Baru	49.14	218	P	P	19 15 39.5	+0.6
GKN	Gorkha	49.18	276	eP	P	19 15 40.0	+0.6
MENT	Mentasta	49.19	35	eP	P	19 15 41.1	+2.3
TKM2	Tokmak 2	50.07	298	P	P	19 15 47.5	+1.4
TKM2	Tokmak 2	50.07	298	eP	P	19 15 46.7	+0.7
TKM2	Tokmak 2	50.07	298	eP	pmax	19 15 46.7	+0.7
EGAK	Eagle	50.10	33	eP	P	19 15 45.7	0.0
KOLN	Koldanda	50.10	276	eP	P	19 15 47.2	+0.7
BOK	Bokaro	50.27	271	eP	IAMB	19 15 48.2	+0.6
PYUN	Piuthan	50.42	277	eP	P	19 15 49.8	+0.9
KULM	Kulim	50.58	240	eP	P	19 15 49.6	-0.4
KZA	Kyzart	50.59	297	P	P	19 15 51.0	+0.8
KBK	Karagaybulak	50.60	298	P	P	19 15 51.2	+1.2
BRVK	Borovoye	50.62	312	P	P	19 15 50.5	+0.7
BRVK	Borovoye	50.62	312	eP	P	19 15 49.6	-0.1
BRVK	Borovoye	50.62	312	eP	pmax	19 15 49.8	0.0
CHMS	Chumysh	50.63	298	P	P	19 15 50.9	+0.8
MMRI	Maumere	50.65	207	eP	P	19 15 49.8	-0.6
USP	Ospenovka	50.71	299	P	P	19 15 51.5	+0.8
FRU	Bishkek	50.78	298	iP	P	19 15 52.0	+0.8
FRU				e	P	19 16 06.5	
FRU				e	P	19 17 07.0	
FRU				e	P	19 17 51.0	
FRU				e	P	19 17 51.0	
DGPR	DIGLIPUR	50.84	254	eP	P	19 15 51.0	-0.9
IAPM	Ipoeh	50.92	239	eP	P	19 15 52.1	-0.4
AAK	Ala-Archa	50.93	298	P	P	19 15 53.9	+1.4
AAK	Ala-Archa	50.93	298	P	P	19 15 53.4	+0.8
AAK	Ala-Archa	50.93	298	eP	P	19 15 52.9	+0.4
AAK	Ala-Archa	50.93	298	eP	pmax	19 15 52.7	+0.2
EDFI	Ende, Flores	50.95	208	P	P	19 15 52.8	0.0
KSH	Kashi	50.98	294	P	P	19 15 57.8	+4.9
KSH				pP	pP	19 16 02.1	+0.6
KSH				sP	sP	19 16 04.0	-0.9
KSH				pP	pP	19 17 14.3	+5.5
KSH				P	P	19 17 53.9	+4.7
KSH				ScP	ScP	19 21 05.4	+2.3
KSH				PcS	PcS	19 21 10.0	+3.5
KSH				S	S	19 23 15.0	+6.9
KSH				sS	sS	19 23 22.4	+0.1
KSH				ScS	ScS	19 25 45.4	+3.8
KSH				SS	SS	19 26 48.8	+5.9
KSH				pmax	pmax		
KSH				pmax	pmax		
KSH				LR	LR		
KSH				LR	LR		
KSH				LR	LR		
SOEI	Soe	51.01	204	P	P	19 15 54.3	+1.1
SOEI	Soe	51.01	204	eP	P	19 15 53.1	-0.1
UCH	Uchter	51.05	297	P	P	19 15 55.5	+1.7
MYKOM	Kota Tinggi	51.08	234	eP	P	19 15 53.4	-0.3
EKS2	Erkin-Say	51.42	298	P	P	19 15 57.0	+0.9
EKS2	Erkin-Say	51.42	298	eP	P	19 15 55.5	-0.6
EKS2	Erkin-Say	51.42	298	eP	pmax	19 15 55.5	-0.6
AML	Almayashu	51.66	297	P	P	19 15 59.7	+1.4
DBNI	Kabupaten Domp	52.04	212	P	P	19 16 01.6	+0.8
COEN	Coen	52.11	180	eP	P	19 15 59.3	-1.9
INK	Inuvik	52.58	28	P	P	19 16 04.2	0.0
INK	Inuvik	52.58	28	eP	P	19 16 02.1	-2.1
TWSI	Taliwang, Sumb	52.85	213	P	P	19 16 06.8	0.0
KHKI	Kahang-Kahang	53.08	215	P	P	19 16 08.9	+0.5

LHMI	Lhok Sumawe	53.19	244	eP	P	19 16 09.3	-0.1
DDI	Dehra Dun	53.22	282	eP	P	19 16 09.8	+0.2
KKAR	Karatay Array	53.57	300	eP	P	19 16 11.6	+0.1
KKAR	Karatay Array	53.51	300	eP	pmax	19 16 11.6	+0.1
SMLA	Simla	53.53	283	eP	P	19 16 12.3	+0.5
PSI	Prapat	53.57	240	eP	P	19 16 11.4	-0.9
PSI	Prapat	53.57	240	eP	pmax	19 16 11.4	-0.9
BKNI	Bangkok	54.00	236	eP	P	19 16 15.6	+0.3
BKNI	Bangkok	54.00	236	eP	P	19 16 24.3	
NDI	New Delhi	54.63	281	eP	P	19 16 16.9	-2.9
SVE	Sverdllovsk	54.93	318	dIP	P	19 16 22.5	+0.9
SVE	Sverdllovsk	54.93	318	dIP	pmax	19 16 22.5	+0.9
SVE	Sverdllovsk	54.93	318	dIP	MLR	19 16 22.5	+0.9
VIS	Vishakhapatnam	55.56	266	eP	P	19 16 27.6	+1.0
GSI	Gungunigisto	55.57	240	eP	P	19 16 25.8	-1.0
LEM	Lembang	55.74	224	P	P	19 16 30.2	+2.2
SOKR	Solkamsk	55.98	322	dIP	P	19 16 30.0	+1.0
SOKR	Solkamsk	55.98	322	dIP	pmax	19 16 30.0	+1.0
ARU	Arti	56.14	318	eP	P	19 16 30.5	+0.2
ARU	Arti	56.14	318	eP	pmax	19 16 30.5	+0.2
DLBC	Dease Lake	56.77	39	eP	P	19 16 36.4	+1.6
NGP	Nagpur	57.02	272	eP	P	19 16 36.9	-0.2
BHPL	Bhopal	57.19	275	eP	IAMB	19 16 37.4	-0.9
BHPL	Bhopal	57.19	275	eP	IAMB	19 16 39.2	
ABKAR	Akbulak Arr	57.99	310	eP	P	19 16 43.2	-0.3
WRAB	Tennant Creek	58.61	190	P	P	19 16 45.6	-2.4
WRAB	Tennant Creek	58.61	190	eP	P	19 16 45.3	-2.8
WRAB	Tennant Creek	58.61	190	dIP	pmax	19 16 45.4	-2.6
WRAB	Tennant Creek	58.61	190	dIP	pmax	19 16 45.3	-2.8
WB2	Warramunga Arr	58.62	190	eP	P	19 16 45.5	-2.6
WRA	Warramunga Arr	58.62	190	eP	P	19 16 44.8	-3.3
HOPEN	Hopen	58.99	346	eP	P	19 16 50.2	+0.1
HYB	Hyderabad	59.48	269	dIP	P	19 16 54.5	+0.2
HYB	Hyderabad	59.48	269	eP	P	19 16 54.7	+0.4
KBS	Kingsbay	59.50	350	eP	P	19 16 53.3	-0.2
KBS	Kingsbay	59.50	350	eP	P	19 16 53.3	-0.2
KBS	Kingsbay	59.50	350	eP	pmax	19 16 53.3	-0.2
HSPB	Hornsund (broa	60.34	348	eP	P	19 16 59.7	+0.3
MDRS	Chennai	60.68	263	eP	P	19 17 00.9	+1.6
RES	Resolute Bay	60.94	15	eP	P	19 17 01.8	-1.7
RES	Resolute Bay	60.94	15	eP	pmax	19 17 01.8	-1.7
RES	Resolute Bay	60.94	15	eP	MLR	19 17 01.8	-1.7
APA	Apatity	61.93	336	dIP	MLR	19 17 10.2	0.0
YKA	Yellowknife Arr	61.98	31	P	P	19 17 08.7	-1.9
TMCR	Tamitsa	62.12	331	eP	P	19 17 11.5	0.0
TMCR	Tamitsa	62.12	331	eP	pmax	19 17 11.5	0.0
ASAR	Alise Springs	62.35	189	P	P	19 17 11.0	-2.5
POO	Poona	62.55	273	eP	P	19 17 15.4	+0.2
ARCES	ARCCESS Array B	63.13	340	P	P	19 17 17.9	-0.3
BHLU	Bhuj	63.24	279	eP	P	19 17 19.0	-0.6
KLMR	Klimovskoe	63.24	328	eP	sP	19 17 16.4	-2.7
KLMR	Klimovskoe	63.24	328	eP	sP	19 17 30.2	-1.0
KLMR	Klimovskoe	63.24	328	eP	pmax	19 19 35.4	
KLMR	Klimovskoe	63.24	328	eP	pmax	19 19 35.4	
PALK	Pallekele	63.87	258	eP	P	19 17 23.6	-0.4
PALK	Pallekele	63.87	258	eP	pmax	19 17 23.6	-0.4
PALK	Pallekele	63.87	258	eP	pmax	19 17 23.6	-0.4
KTKI	Kautokoino	64.09	340	eP	P	19 17 24.2	-0.3
GEYT	Alibek	64.25	299	P	P	19 17 26.2	0.0
GAG	Goa	64.29	370	eP	P	19 17 27.0	+0.3
DAG	Danmarks Havn	64.49	355	iP	P	19 17 25.9	-1.2
DAG	Danmarks Havn	64.49	355	iP	pmax	19 17 25.9	-1.2
TRD	Trivandrum	66.00	262	eP	P	19 17 38.1	+0.3
LTLY	Liberty	66.80	47	eP	P	19 17 44.5	+1.9
MOS	Moscow	66.87	324	eP	P	19 17 42.3	-0.4
MOS	Moscow	66.87	324	eP	pmax	19 17 50.9	
MOS	Moscow	66.87	324	eP	pmax	19 17 50.9	
VRH	Novokhopovorsk	67.38	318	eP	P	19 17 45.3	-0.7
VRH	Novokhopovorsk	67.38	318	eP	pP	19 17 54.2	-0.7
VRH	Novokhopovorsk	67.38	318	eP	pmax	19 17 54.2	-0.7
EDM	Edmonton	67.49	39	eP	P	19 17 45.2	-1.5
EDM	Edmonton	67.49	39	eP	pmax	19 17 45.3	-1.5
EDM	Edmonton	67.49	39	eP	pmax	19 17 45.3	-1.5
PUL	Pulkovo	67.62	330	dIP	pmax	19 17 47.6	+0.2
PUL	Pulkovo	67.62	330	dIP	pmax	19 17 47.6	+0.2
OBN	Obninsk	67.72	323	eP	P	19 17 47.7	-0.4
OBN	Obninsk	67.72	323	eP	pmax	19 17 56.8	
OBN	Obninsk	67.72	323	eP	pmax	19 17 56.8	
C09A	Chrisman Ranch	67.88	46	eP	P	19 17 51.0	+1.7
D08A	Wollman Farm	67.92	47	eP	P	19 17 51.2	+1.7
LPSR	Galich'ya Gora	68.03	320	eP	P	19 17 50.2	+0.1
LPSR	Galich'ya Gora	68.03	320	eP	pP	19 17 58.5	-0.4
LPSR	Galich'ya Gora	68.03	320	eP	pmax	19 17 58.5	-0.4
FINES	FINESS Array B	68.16	333	P	P	19 17 49.4	-1.3
NEW	Newport	68.27	45	eP	P	19 17 50.9	-0.9
NEW	Newport	68.27	45	eP	pmax	19 17 50.9	-0.9
NEW	Newport	68.27	45	eP	pmax	19 17 50.9	-0.9
VSR	Storzhevoye	68.70	319	eP	pP	19 17 54.0	-0.3
VSR	Storzhevoye	68.70	319	eP	pP	19	

SOME 15:20:20:38.2, 39.85N, 74.62E, h10km
KRNET 15:20:20:38.0, 1.39, 80N, 74.78E, mb2.7
ISC 15:20:20:38.8, 1.3, 39.88N, 0.06, 74.76E, 0.04, h10km, n39,

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations for MAN 15:20:25:41, 18.32N, 121.01E, h31km, mb4.4, ML3.2, MS3.1, Luzon.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations for CVP Callao Caves, CVP Cauayan, and CSEM 15:20:28:27.9, 0.2, 43.74N, 13.38E, h2km, ML2.6/7, Error ellipse: s-maj=4.4km s-min=3.0km az=162.0.

NEIC 15:20:29:53.2, 19.11N, 64.68W, h99km, MD3.6(RSPR), After RSPR, RSPR 15:20:29:53.2, 19.11N, 64.68W, h99km, 2km, MD3.6/4, 14C-SD, Virgin Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations for Virgin Islands including AVB Anegada, AVB Anegada Island, STVI Saint Thomas, etc.

ISC/JB 15:20:33:56.2, 1.0, 24.07N, 0.02, 122.28E, 0.02, h13km, 7km, Error ellipse: s-maj=3.9km s-min=2.4km az=162.8

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations for CHIawan, ENA Nanau, TWD Chiawan, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations for TWE Neicheng, ENTNT Niouou, NNS Nan Shan, WHF Hehan Shan, etc.

ISC 15:20:35:09.5, 1.3, 6.34S, 103.78E, h0km, mb3.8/10, mb1 3.9/11, mb1mx3.8/49, mbtmp3.8/11, ML3.9/1, MS4.0/2, Ms1 4.0/2, ms1mx3.0/52, Error ellipse: s-maj=46.8km s-min=15.7km az=47.0

NEIC 15:20:35:11.2, 0.8, 6.33S, 103.94E, h10km, mb4.0/6, Error ellipse: s-maj=24.9km s-min=7.9km az=217.0

ISC/JB 15:20:35:13.8, 0.6, 6.44S, 0.05, 103.72E, 0.05, h48km, mb3.9/16, MS4.0/2, Error ellipse: s-maj=8.5km s-min=5.9km az=37.6

DJA 15:20:35:16.0, 1.2, 6.5S, 104.4E, h23km, 11km, M3.7/9, MLV3.7/9

ISC 15:20:35:16.2, 0.8, 6.33S, 0.07, 103.85E, 0.07, h48km, n40, 0.897/35, mb3.9/16, Southwest of Sumatra

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations for KASI Kota Agung, LWLI Liwa, KLJ Kotabumi, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like PVAQ, PVAG, PCVE, MESJ, MESJ, MESJ, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like MYKA, UPM, PVY, MEM, APE, APE, IVA, etc.

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

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like FIAO, FINES, GOF, TBLG, VSR, SADO, DGRG, LPSR, TKL, VNA2, JMJC, ACSO, MOS, VRR, SNA, PMSA, LRAL, WCI, SUMG, ARCES, HDIL, LVZ, DAG, JFWS, TMC, JFWS, X40A, Q40A, R40A, T40A, O40A, P40A, S40A, Z40A, Y40A, W40A, U40A, 140A, 340A, O39A, P39A, N39A, U39A, T39A, Q39A, V39A, S39A, Y39A, X39A, NATX, HHAR, J38A, I38A, GEYT, Q38A, N38A, S38A, L38A, P38A, O38A.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like M38A, R38A, W38A, V38A, EYMM, U38A, T38A, X38A, H37A, O37A, L37A, K37A, P37A, J37A, I37A, M37A, N37A, T37A, V37A, S37A, X37A, U37A, R37A, 137A, W37B, Y37A, C36A, E36A, F36A, D36A, I36A, G36A, O36A, K36A, J36A, TUL1, TUL1, U36A, P36A, S36A, R36A, V36A, Q36A, Z36A, T36A, 436A, W36A, X36A, D35A, C35A, I35A, H35A, N35A, Q35A, S35A, P35A, L35A, O35A, T35A, Y35A, X35A, W35A, AKTO, U35A, V35A, 335A, Z35A, 835A, 435B, WHTX, 735A, 135A, KSU1, B34A, E34A, C34A, K34A, D34A, N34A, H34A.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like O34A, T34A, S34A, P34A, Q34A, Y34A, V34A, R34A, U34A, 934A, X34A, 234A, 134A, 434A, W34A, W34A, A33A, 534A, E33A, ECSD, M33A, ABKAR, AGMN, AGMN, J33A, H33A, O33A, U33A, L33A, S33A, Q33A, V33A, R33A, X33A, SOKR, SOKR, W33A, T33A, Y33A, 533A, 933A, ULM, ULM, ULM, ULM, Z33A, 233A, 333A, 633A, 433A, 133A, 733A, B32A, 833A, ARU, ARU, ARU, ARU, W32A, W32A, H32A, L32A, O32A, BGNE, BGNE, Q32A, R32A, V32A, P32A, T32A, X32A, S32A, W32A, 232A, JCT, JCT, JCT, ABTX, ABTX.

15d 22h

E31A	Nome	83.31 317	P	P	22 11 28.5	-0.4
B31A	Landman Farms,	83.37 318	P	P	22 11 28.4	-0.6
C31A	Greenbush Farm	83.40 319	P	P	22 11 29.0	-0.2
N31A	Bailey Ranch,	83.41 311	P	P	22 11 29.3	-0.3
K31A	O'Neill	83.46 313	P	P	22 11 29.5	-0.2
M31A	Lambrecht Ranc	83.48 312	P	P	22 11 29.3	-0.6
S31A	Mullinville	83.51 308	P	P	22 11 29.8	-0.3
J31A	Geddes	83.52 313	P	P	22 11 29.7	-0.3
Q31A	Ellis	83.57 309	P	P	22 11 30.0	-0.4
R31A	Burdett	83.61 308	P	P	22 11 30.1	-0.5
P31A	Stockton	83.61 310	P	P	22 11 30.3	-0.2
T31A	Randall Ranch,	83.62 307	P	P	22 11 30.5	-0.1
CBK5	Cedar Bluff	83.82 309	P	P	22 11 31.3	-0.3
CBK5	Cedar Bluff	83.82 309	eP	P	22 11 31.4	-0.3
CBK5	Cedar Bluff	83.82 309	eP	pmx	22 11 31.4	-0.3
B30A	Myrvik Farm, E	83.85 319	P	P	22 11 31.3	-0.3
SVE	Sverdlowski	83.88 33	eP	pmx	22 11 32.2	+0.7
A30A	Hoffart Farm,	83.89 319	P	P	22 11 31.4	-0.4
D30A	Buchanan	83.97 317	P	P	22 11 31.8	-0.4
G30A	Faulkton	84.01 315	P	P	22 11 32.2	-0.3
J30A	Dallas	84.07 313	P	P	22 11 32.5	-0.3
K30A	Basset	84.09 313	P	P	22 11 32.8	-0.2
L30A	Spencer Herefo	84.10 312	P	P	22 11 32.8	-0.3
O30A	NW Ranch, Wils	84.19 310	P	P	22 11 33.2	-0.4
R30A	Dighton	84.19 308	P	P	22 11 33.5	-0.1
Q30A	Quinter	84.21 309	P	P	22 11 33.4	-0.3
P30A	Selden	84.28 310	P	P	22 11 33.9	-0.1
S30A	Montezuma	84.29 308	P	P	22 11 34.4	-0.1
U30A	WK&E Inc. Balk	84.35 307	P	P	22 11 34.4	-0.1
A29A	Manning Farm,	84.50 319	P	P	22 11 34.7	-0.2
E29A	Napoleon	84.52 317	P	P	22 11 34.7	-0.3
D29A	Pettibone, Tap	84.54 317	P	P	22 11 34.9	-0.2
F29A	Eureka	84.57 316	P	P	22 11 35.0	-0.3
G29A	Hoven	84.57 315	P	P	22 11 35.7	+0.4
K29A	Lazy Trails An	84.62 313	P	P	22 11 35.7	+0.1
MDND	Maddock	84.63 318	P	P	22 11 35.8	+0.3
MDND	Maddock	84.63 318	eP	P	22 11 35.7	+0.1
J29A	Okreek	84.68 313	P	P	22 11 35.7	-0.2
H29A	Onida	84.72 315	P	P	22 11 36.3	+0.2
O29A	ID Ranch, Culb	84.75 310	P	P	22 11 36.1	-0.2
Q29A	Oakley	84.79 309	P	P	22 11 36.4	-0.2
S29A	Ulysses	84.80 308	P	P	22 11 36.9	+0.1
P29A	Atwood	84.81 310	P	P	22 11 37.0	+0.3
U29A	Oasis Ranch, S	84.84 306	P	P	22 11 37.1	+0.1
R29A	Marienthal	84.88 308	P	P	22 11 37.3	+0.2
T29A	Hugoton	84.91 307	P	P	22 11 37.3	+0.1
AMTX	Amarillo	85.07 305	P	P	22 11 38.1	-0.1
G28A	Parade	85.26 315	P	P	22 11 39.2	+0.4
H28A	Mission Ridge	85.30 315	P	P	22 11 39.4	+0.5
I28A	Midland	85.34 314	P	P	22 11 39.4	+0.1
J28A	Altard Ranch,	85.34 313	P	P	22 11 39.5	+0.2
K28A	Ten Mile Ranch	85.38 313	P	P	22 11 39.9	+0.3
R28A	Tribune	85.40 308	P	P	22 11 39.8	+0.1
S28A	Manter	85.42 308	P	P	22 11 40.1	+0.3
P28A	Saint Francis	85.44 310	P	P	22 11 40.1	+0.2
O28A	Krutsinger Ran	85.50 310	P	P	22 11 40.2	0.0
OGNE	Ogallala	85.75 311	P	P	22 11 41.3	-0.1
OGNE	Ogallala	85.75 311	eP	P	22 11 41.5	+0.1
C27A	Saylor Ranch,	85.89 318	P	P	22 11 42.1	+0.2
J27A	Elkhorn Farm,	85.89 313	P	P	22 11 42.1	0.0
MSTX	Muleshoe	85.91 304	P	P	22 11 42.7	+0.3
MSTX	Muleshoe	85.91 304	eP	P	22 11 42.9	+0.5
I27A	Quinn	85.98 314	P	P	22 11 42.7	+0.2
G27A	Dupree	86.00 315	P	P	22 11 42.6	+0.0
H27A	Howes	86.04 315	P	P	22 11 42.8	0.0
KSC0	Kaye Shedlock'	86.08 309	ePKKPdf	PKKPDF	22 29 30.5	-6.5
F27A	Lemmon	86.10 316	P	P	22 11 42.9	0.0
MAW	Mawson	86.25 158	LR	LR	22 42 24.1	
A26A	Wade Farm, Ken	86.34 319	P	P	22 11 43.9	-0.1
E26A	Carlson Angus	86.45 316	P	P	22 11 44.7	0.0
G26A	Maurine	86.46 315	P	P	22 11 44.6	-0.2
TXAR	Lajitas Array	86.47 299	P	P	22 11 44.9	-0.3
TXAR	Lajitas Array	86.47 299	LR	LR	22 49 53.8	
TX31	Manning	86.47 299	eP	P	22 11 45.4	+0.2
D26A	Lajitas Ar. Si	86.47 317	P	P	22 11 44.6	-0.1
H26A	Fairport	86.54 315	P	P	22 11 45.5	0.0
F26A	Lodgepole	86.55 316	P	P	22 11 45.3	+0.1
J26A	Sides Ranch, S	86.68 313	P	P	22 11 45.8	-0.1
RES	Resolute Bay	86.80 345	P	P	22 11 45.9	+0.2
E25A	Miller Ranch,	87.10 316	P	P	22 11 47.0	0.0
F25A	Bowman	87.10 316	P	P	22 11 48.1	+0.2
H25A	Fruitdale	87.13 315	P	P	22 11 47.7	-0.4
I25A	Rochford	87.19 314	P	P	22 11 48.6	0.0
J25A	Sunshine Ranch	87.21 313	P	P	22 11 48.5	-0.1

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T25A	Trinidad	87.39 307	P	P	22 11 49.6	-0.1
RSSD	Black Hills	87.42 314	P	P	22 11 49.6	-0.1
RSSD	Black Hills	87.42 314	eP	P	22 11 50.0	+0.3
RSSD	Black Hills	87.42 314	eP	pmx	22 11 50.0	+0.3
DGMT	Dagmar	87.74 318	P	P	22 11 51.3	+0.4
MNTX	Cornudas Mount	88.02 302	P	P	22 11 52.7	+0.1
Q24A	Divide	88.04 309	P	P	22 11 53.1	+0.2
SDCO	Great Sand Dun	88.28 308	P	P	22 11 54.3	+0.2
SDCO	Great Sand Dun	88.28 308	eP	P	22 11 54.8	+0.7
ISCO	Iaho Springs	88.43 310	P	P	22 11 54.8	+0.1
ISCO	Iaho Springs	88.43 310	eP	P	22 11 55.8	+1.1
ISCO	Iaho Springs	88.43 310	eP	pmx	22 11 55.8	+1.1
N23A	Red Feather La	88.71 311	P	P	22 11 56.2	+0.2
N23A	Red Feather La	88.71 311	eP	P	22 11 56.9	+1.0
KKAR	Karatay Array	88.94 47	eP	P	22 11 57.6	+0.9
KKAR	Karatay Array	88.94 47	eP	P	22 11 57.6	+0.9
ANMO	Albuquerque	88.99 305	P	P	22 11 57.9	+0.5
ANMO	Albuquerque	88.99 305	eP	P	22 11 57.7	+0.4
ANMO	Albuquerque	88.99 305	eP	P	22 11 57.9	+0.5
ANMO	Albuquerque	88.99 305	eP	pmx	22 11 57.0	-0.3
BRVK	Borovoye	89.04 37	eP	P	22 11 57.8	+0.9
BRVK	Borovoye	89.04 37	eP	pmx	22 11 57.8	+0.9
BVAR	Borovoye Array	89.10 37	P	P	22 11 57.2	0.0
BNM	Barren Site	89.12 304	eP	P	22 11 59.1	+1.1
K22A	Casper	89.18 312	P	P	22 11 58.5	+0.5
K22A	Casper	89.18 312	eP	P	22 11 59.2	+1.2
S22A	4UR Ranch, Cre	89.33 308	P	P	22 11 59.6	+0.6
S22A	4UR Ranch, Cre	89.33 308	eP	P	22 12 00.1	+1.0
SMCO	Snowmass	89.47 309	eP	P	22 12 01.0	+1.3
121A	Cookes Peak, D	90.07 302	P	P	22 12 02.8	+0.3
MVCO	Mesa Verde	90.66 307	P	P	22 12 05.5	+0.3
MVCO	Mesa Verde	90.66 307	eP	P	22 12 06.3	+1.1
PV01	Paradox Valley	90.71 308	eP	P	22 12 07.0	+1.7
BW06	Boulder Array	91.42 313	eP	P	22 12 07.4	-1.1
PD31	Pinedale Array	91.42 313	eP	P	22 12 07.4	-1.1
PDAR	Pinedale Array	91.42 313	P	P	22 12 07.4	-1.1
PDAR	Pinedale Array	91.42 313	LR	LR	22 47 17.0	
AAK	Ala-Archa	91.87 48	LR	LR	22 59 09.9	
AAK	Ala-Archa	91.87 48	P	P	22 12 11.2	+0.7
AAK	Ala-Archa	91.87 48	eP	P	22 12 11.5	+1.0
AAK	Ala-Archa	91.87 48	eP	pmx	22 12 11.4	+0.9
AAK	Ala-Archa	91.87 48	pmx	pmx		
TKM2	Tokmak	92.67 47	eP	P	22 12 14.9	+0.7
TKM2	Tokmak	92.67 47	eP	pmx	22 12 15.0	+0.7
BOZ	Bozeman (W)	92.81 316	eP	P	22 12 16.0	+1.2
BOZ	Bozeman (W)	92.81 316	eP	pmx	22 12 16.0	+1.2
KSH	Kashi	93.08 51	P	P	22 12 16.3	+0.1
KSH	Kashi	93.08 51	pP	pP	22 12 21.4	-2.4
KSH	Kashi	93.08 51	SP	SP	22 12 23.8	-2.7
KSH	Kashi	93.08 51	PP	PP	22 15 57.0	-2.4
KSH	Kashi	93.08 51	SKS	SKS	22 22 47.8	-1.5
KSH	Kashi	93.08 51	S	S	22 23 17.3	-4.5
KSH	Kashi	93.08 51	SS	SS	22 29 33.9	-2.8
KSH	Kashi	93.08 51	pmx	pmx		
KSH	Kashi	93.08 51	pmx	pmx		
KSH	Kashi	93.08 51	LR	LR		
KSH	Kashi	93.08 51	LR	LR		
KSH	Kashi	93.08 51	LR	LR		
KSH	Kashi	93.08 51	LR	LR		
YKA	Yellowknife Ar	93.33 332	P	P	22 12 16.4	-0.1
YKBS	Yellowknife Ar	93.33 332	eP	P	22 12 16.4	-0.1
KURBB	Kurchatov	94.22 39	PP	PP	22 16 01.4	-6.3
KURBB	Kurchatov	94.22 39	PP	PP	22 16 01.4	-6.3
KURK	Kurchatov	94.27 39	eP	P	22 12 20.6	-0.6
KURK	Kurchatov	94.27 39	eP	PP	22 16 01.4	-6.7
HLID	Hailey	94.93 314	ePKKPdf	PKKPdf	22 29 31.2	+1.0
NR1K	Norik'sk	95.61 20	LR	LR	22 58 52.1	
MK32	Makanchi Array	97.10 43	eP	P	22 12 33.9	-0.4
MK32	Makanchi Array	97.10 43	eP	PP	22 16 27.7	-2.5
MKAR	Makanchi Array	97.10 43	eP	P	22 12 33.9	-0.4
MKAR	Makanchi Array	97.10 43	PP	PP	22 16 27.7	-2.5
MKAR	Makanchi Array	97.10 43	PP	PP	22 16 27.7	-2.5
ZALV	Zalesovo Ben	97.32 36	PP	PP	22 16 33.8	-0.1
ZALV	Zalesovo Ben	97.32 36	PP	PP	22 16 33.8	-0.1
CCAC	Calif City Air	98.45 305	eP	P	22 12 43.2	+2.6
MTJL	Mungsten Hills	98.66 308	ePKKPdf	PKKPdf	22 29 12.7	+1.3
WMQ	Urumqi	101.33 45	pP	pP	22 12 54.0	+

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details. Includes stations like KBZ Khabaz, WSAR Wadi Sarin, NV01 Mina Array, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details. Includes stations like ANMO Albuquerque, VTS Vitosh, SOKA Soboth, etc.

ISC/JB 15 22:21:48.1+0.7,36:71S:0:07:177:1E:0:1,h337km,7km, mb2.9/2, Error ellipse: s-maj=18.1km s-min=7.6km az=29.1

ICD 15 22:21:48.7+1.9,36:77S:177:41E,h314km,24km,mb2.8/2, mb1.3/1.3,mb1mx3.0/mx3.0,mbtm3.6/3, Error ellipse: s-maj=69.8km s-min=34.0km az=17.0

WEL 15 22:21:52.6+0.5,36:69S:177:22E,h296km,4km,ML4.2/16, Error ellipse: s-maj=7.1km s-min=4.3km az=0.0

NEIC 15 22:21:52.0,36:44S:176:74E,h271km,MG4.2(WEL), After WEL.

ISC 15 22:21:50.0+1.2,36:72S:0:09:177:02E:0:10,h321km,8km, n152,15111/172,14C-6D,Off east coast of North Island

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like OPRZ Ohinepanea, HAZ Te Kaha, MXZ Matakaoa Point, etc.

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details. Includes stations like POWZ Post Office Ro, PRWZ Port Road, BFZ Birch Farm, etc.

ISC/JB 15 22:28:01.5+0.3,0:11S:0:03:124:17E:0:02,h82km,3km, mb4.1/29, Error ellipse: s-maj=5.1km s-min=3.4km az=12.1

NEIC 15 22:28:03.2+0.5,0:15S:124:13E,h84km,5km,mb4.5/11, Error ellipse: s-maj=7.7km s-min=5.8km az=46.0

DJA 15 22:28:03.1+0.2,0:3S:12:4E,h41km,6km,ML4.6/16, mb4.9/16,mb3.5/10,ML4.4/4,ML4.6/4,4/10

ICD 15 22:28:03.5+2.8,0:12S:123:97E,h80km,26km,mb3.8/20, mb1.9/2.1,mb1mx3.8/4.4,mbtmpp4.1/21,MS2.7/1, Ms1.2/7.1,ms1mx2.4/4.0, Error ellipse: s-maj=20.6km s-min=12.2km az=72.0

ISC 15 22:28:03.0+0.8,0:10S:0:04:124:02E:0:04,h78km,7km, n90,1529/110,mb4.2/29,Southern Molucca Sea

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like KMSI Cibinong, LUWI Luwuk, LUWI Luwuk, etc.

16d 1h

Table with columns: WRDH, comp=N, 8.6nm, 0.3s, AML, AML, 00 21 21.9, etc.

IDC 16:00:46:29.9, 20.0, 19:36S:178.03W, h40km, 236km, mb2.7/3, mb1 3.0/3, mb1mx2.8/2.3, mbtm3.4/3, Error ellipse: s-maj=279.2km s-min=43.4km az=169.0, F1

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

KRSC 16:00:55:50.7, 1.9, 49.55N:156.16E, h74km, 20km, ML3.6, Kurii Islands

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

ISCJB 16:00:57:16.6, 1.2, 29.64S:0.04:70.99W, 0.08, h84km, 9km, Error ellipse: s-maj=11.7km s-min=5.8km az=177.3

SJA 16:00:57:17.1, 1.2, 29.81S:70.67W, h10km, ML2.9

ISC 16:00:57:17.6, 2.0, 29.64S:0.04:70.97W, 0.09, h76km, 15km, n12, c1914/22, Central Chile

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

ISN 16:00:58:31.0, 4.5, 29.31N:41.16E, h0km, ML2.8

DDA 16:00:58:49.0, 38.89N:41.51E, h7km, Md2.9

ISCJB 16:00:58:49.5, 0.7, 38.92N:0.03:41.47E, 0.05, h5km, 6km, Error ellipse: s-maj=7.0km s-min=4.8km az=175.4

CSEM 16:00:58:49.5, 0.3, 38.92N:41.40E, h10km, MD2.9, Error ellipse: s-maj=9.3km s-min=5.2km az=85.0

ISK 16:00:58:49.2, 38.92N:41.29E, h8km, MD2.9

ISC 16:00:58:49.7, 0.9, 38.92N:0.03:41.42E, 0.03, h16km, 6km, n25, c056/36, Turkey

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

IDC 16:01:06:44.5, 2.0, 29.96N:140.87E, h91km, 20km, mb3.1/5, mb1 3.3/8, mb1mx3.1/35, mbtm3.5/8, Error ellipse: s-maj=45.7km s-min=16.9km az=87.0, Southeast of Honshu

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

2011 FEB

Table with columns: WRA Warramunga Arr, 49.98 188 P, P, 01 15 29.6 +0.1, etc.

DDA 16:01:09:58.6, 39.42N:39.01E, h7km, Md2.7

ISK 16:01:09:58.7, 39.43N:39.02E, h5km, MD2.6

CSEM 16:01:09:59.1, 0.2, 39.43N:38.98E, h2km, MD2.7, Error ellipse: s-maj=5.4km s-min=4.8km az=137.0

ISC 16:01:09:58.8, 1.0, 39.46N:0.02:39.02E, 0.02, h10km, 6km, n28, c056/46, Turkey

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

ISCJB 16:01:11:42.4, 0.6, 29.3N:0.1:140.2E, 0.2, h400km, mb3.3/12, Error ellipse: s-maj=26.5km s-min=10.7km az=150.3

IDC 16:01:11:43.3, 1.5, 29.36N:140.06E, h390km, 19km, mb3.1/12, mb1 3.2/13, mb1mx3.0/34, mbtm3.8/13, Error ellipse: s-maj=33.6km s-min=13.4km az=80.0

ISC 16:01:11:43.6, 0.7, 29.49N:0.1:140.3E, 0.2, h400km, n13, c1919/15, mb3.3/12, Southeast of Honshu

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

MEX 16:01:13:49.2, 0.5, 14.67N:92.86W, h48km, 16km, MD3.7, Near coast of Chiapas

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

NIED 16:01:30:00, 35.70N:140.80E, h50km, Mw4.3 Best double couple: M2.92000:1015 NP1.0190.00000, s20.00000, 1.89.00000, NP2.011.00000, d70.00000, 1.90.00000

ISCJB 16:01:30:16.3, 0.5, 35.66N:0.03:140.78E, 0.05, h54km, 3km, mb4.2/39, MS2.6/1, Error ellipse: s-maj=7.1km s-min=4.7km az=175.9

IDC 16:01:30:16.9, 2.0, 35.67N:140.78E, h40km, 18km, mb3.9/24, mb1 4.1/30, mb1mx4.0/53, mbtm3.4/30, ML3.8/4, MS3.2/6, MS1 3.2/6, ms1mx3.0/49, Error ellipse: s-maj=15.5km s-min=10.9km az=87.0

NEIC 16:01:30:17.1, 0.6, 35.65N:140.80E, h44km, 6km, mb4.5/15, Error ellipse: s-maj=6.4km s-min=4.9km az=90.0

NEIC Recorded [2 JMA] in China and [1 JMA] in Ibaraki

JMA 16:01:30:17.8, 0.1, 35.72N:140.69E, h46km, 1km, M4.1 Broadband fault plane solution: P waves. NP1: 0.1.00000, d79.00000, 1.86.00000, NP2: 203.00000, d12.00000, 1.11.00000, Principal axes: T P1g56.0000, Azm266.0000; N P1g4.0000, Azm2.0000; P P1g34.0000, Azm95.0000

JMA 16:01:30:17.1, 0.9, 35.67N:0.04:140.82E, 0.05, h45km, 8km, n84, c1801/86, mb4.2/39, 1C-3D, Near east coast of eastern Honshu

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

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Table with columns: BS04 Boso, 0.79 210 P, Pn, 01 30 32.5 +0.7, etc.

DDA 16:01:09:58.6, 39.42N:39.01E, h7km, Md2.7

ISK 16:01:09:58.7, 39.43N:39.02E, h5km, MD2.6

CSEM 16:01:09:59.1, 0.2, 39.43N:38.98E, h2km, MD2.7, Error ellipse: s-maj=5.4km s-min=4.8km az=137.0

ISC 16:01:09:58.8, 1.0, 39.46N:0.02:39.02E, 0.02, h10km, 6km, n28, c056/46, Turkey

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

Table with columns: MAT, MJB9, S, S, 02 30 04.4 -1.9, 02 23 38.1 -1.2, MDJ, comp=Z,800nm,20.0s, LR, LR, PPT2, comp=Z,848nm,25.8s, eLR, LR, 02 43 29.4

Table with columns: MDJ, comp=Z,800nm,20.0s, LR, LR, PPT2, comp=Z,848nm,25.8s, eLR, LR, 02 43 29.4

Table with columns: PPT2, comp=Z,848nm,25.8s, eLR, LR, 02 43 29.4

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like ZALV, KSH, NVS, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like BRVK, INK, AFDM, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like VYHS, GJRS, etc.

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

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

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

IDC 16 06:06:38.5:2.1, 9:65S-113:41E, h0km, mb3.5/6, mb1 3.7/6, mb1mx3.5/43, mbtmp3.5/6, Error ellipse: s-maj=114.6km s-min=18.5km az=51.0

ISCJB 16 06:06:47.0:7.0, 8:37S:0:08x:113:98E:0:04, h77km, 9km, mb3.5/6, Error ellipse: s-maj=14.0km s-min=5.5km az=9.0

DJA 16 06:06:49.0:1.3, 9:56S:11:4E, h32km, 14km, M4, 1/18, MLV4, 1/18

ISC 16 06:06:47.9:1.5, 9:41S:10:10x:113:99E:0:05, h58km, 15km, n38, r120/47, mb3.5/6, South of Jawa

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

ATH 16 06:06:56.4, 41:40'N-23:32'E, h18km, 2km, ML2.3/7, Error ellipse: s-maj=2.6km s-min=1.0km az=161.0, Analyst: Agalos ML Amplitudes are expressed in micrometres All distances are expressed in km

THE 16 06:06:56.7, 41:14'N-23:32'E, h2km, 19km, ML2.4/8, Error ellipse: s-maj=19.1km s-min=0.3km az=0.0

CSEM 16 06:06:57.0:2.1, 41:38'N-23:32'E, h2km, ML2.3, Error ellipse: s-maj=3.5km s-min=2.9km az=80.0

SKO 16 06:06:57.1, 41:42'N-23:32'E, h1km, M1.9, ML2.1

BEU 16 06:06:57.5:2.1, 41:34'N-23:47'E, h0km, M2.3/5

SOF 16 06:06:57.2, 41:47'N-23:35'E, h4km, MD2.7

ISC 16 06:06:58.8:1.1, 41:41'N:0:02:23:33E:0:02, h3km, 10km, n53, r05/49/87, Greece-Bulgaria border region

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

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

NIED 16 06:17:00, 35:70N; 140:90E, h47km, Mw3.9 Best double couple: M=9.35000x10^14 NP1=2.200000, L=83.000000, 1.99, 0.000000, NP2=10.000000, delta.000000, .delta.000000

ISCJB 16 06:17:40.0:0.5, 35:70N:0:03:140:75E:0:06, h56km, 4km, mb3.6/11, MS2.9/1, Error ellipse: s-maj=7.9km s-min=5.7km az=177.6

JMA 16 06:17:40.7:0.1, 35:72N:140:70E, h48km, 1km, M3.4

IDC 16 06:17:42.3:2.3, 35:59N:140:55E, h58km, 21km, mb3.4/11, mb1 3.6/14, mb1mx3.5/35, mbtmp3.7/14, ML3.4/3, MS2.8/4, Ms1 2.8/4, ms1mx2.6/37, Error ellipse: s-maj=25.7km s-min=11.7km az=68.0

ISC 16 06:17:41.3:0.8, 35:72N:0:04:140:72E:0:05, h48km, 7km, n35, r116/36, mb3.7/11, C-5D, Near east coast of eastern Honshu

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H11N2, H11N1, H11N3, etc.

IDC 16 06:32:59.4:1.9, 4:45N:123:00E, h0km, mb3.5/4, mb1 3.7/4, mb1mx3.4/38, mbtmp3.5/4, Error ellipse: s-maj=341.4km s-min=23.3km az=70.0

ISCJB 16 06:33:21.7:1.7, 0:70S:0:1:120:05E:0:08, h28km, mb3.4/3, Error ellipse: s-maj=17.3km s-min=7.8km az=148.1

DJA 16 06:33:25.0:1.6, 1:1N:3:12:10E, h15km, 21km, M4.3/8, MLV4, 3/8

ISC 16 06:33:20.0:1.1, 0:87N:0:06:119:39E:0:06, h28km, n12, r157/16, mb3.4/3, Minahasa Peninsula, Sulawesi

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

KRNET 16 06:39:27.2:0.1, 40:49'N:72:44'E, h8km, mb2.4

SOME 16 06:39:30.9, 40:65'N:72:48'E, h5km

NINC 16 06:39:33.5:7.3, 40:71'N:72:00'E, h0km, mb2.8, mpv2.4, Error ellipse: s-maj=61.4km s-min=23.9km az=0.0

ISC 16 06:39:27.5:1.4, 40:51'N:72:45E:0:03, h3km, 14km, n17, r125/31, 15C-10D, Kyrgyzstan

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

UCH 16 06:39:33.5:7.3, 40:71'N:72:00'E, h0km, mb2.8, mpv2.4, Error ellipse: s-maj=61.4km s-min=23.9km az=0.0

ISC 16 06:39:27.5:1.4, 40:51'N:72:45E:0:03, h3km, 14km, n17, r125/31, 15C-10D, Kyrgyzstan

ISC 16 06:17:40.0:0.5, 35:70N:0:03:140:75E:0:06, h56km, 4km, mb3.6/11, MS2.9/1, Error ellipse: s-maj=7.9km s-min=5.7km az=177.6

JMA 16 06:17:40.7:0.1, 35:72N:140:70E, h48km, 1km, M3.4

IDC 16 06:17:42.3:2.3, 35:59N:140:55E, h58km, 21km, mb3.4/11, mb1 3.6/14, mb1mx3.5/35, mbtmp3.7/14, ML3.4/3, MS2.8/4, Ms1 2.8/4, ms1mx2.6/37, Error ellipse: s-maj=25.7km s-min=11.7km az=68.0

ISC 16 06:17:41.3:0.8, 35:72N:0:04:140:72E:0:05, h48km, 7km, n35, r116/36, mb3.7/11, C-5D, Near east coast of eastern Honshu

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

SOME 16 06:53:10.2, 42:92'N-78:23'E, h10km

KRNET 16 06:53:10.2:0.1, 43:11'N:78:18E, h21km, mb2.6

NINC 16 06:53:11.4:0.6, 43:29'N:78:22E, h0km, mb3.1, mpv2.7, Error ellipse: s-maj=28.3km s-min=2.8km az=173.0

ISC 16 06:53:10.2:1.1, 43:16'N:0:02:78:16E:0:02, h3km, 10km, n46, r097/83, 32C-4D, Lake Issyk-Kul region

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KURS, KPKS, UZB, PRZ, KOTS, MDOK, TNS5, MNBS, PDGK, ARXS, CHKK, IZV, MTBS, KUUR, KST, KTM5, DJR, ULHL, DGS, BOOM, TKM2, KAPS, NRN, KZA, KBK, KBK, USP, AAK, UCH, ARLS, EKS2, MRKS, MK05, KK31, PCIG.

MEX 16 07:07:37.5:0.3, 147.9N:92.69W, h57km, 29km, MD3.5, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KUR, SHO, YUK, NEM2, JAK, JAR, JCH, JKB, JYV, WRA, MKAR, ILAR, BVAR, YKA, FINES, JMA 16 07:33:20.9, JMA 16 07:33:24.8, JMA 16 07:58:12.0, ADEN, UDYN, LBOS, BDHA, DHBB, HAJJ, WRA, ASAR, ILAR, BRTR, WRA, ASAR, ILAR, BRTR.

IDC 16 08:07:39.4:393.0, 54:46N:22:72E, h0km, Error ellipse:

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like I26DE, I43RU, I31KZ, I46RU, SGT5, SGT6, MATI, DAV, DAV, DMPH, KCP, KCP, CTBH, TMTI, TMTI, BUKP, BIFP, BIFP, CGP, KMSI, KMSI, PAGZ, BUTP, GTOI, LBMI, LBMI, IPIL, SCPH, MRSI, SANI, SANI, LUWI, LUWI, SWI, SWI, APSI, NLAJ, MYLDM, MYLDM, MYLDM, RCP, RCP, MSAI, AMBON, FAKI, FAKI, FAKI, SDKM, TTSI, MMSI, KKM, KKM, SPSI, KAPJ, KBKI, MMRI, EDPI, BBKI, GOEI, SBUM, SBUM, SBUM, QIZ, QIZ, QIZ, QIZ, FITZ, FITZ, COEN, PMG, PMG, PANO, CHBT, CHBT, SKNT, IPM, IPM, WRAB, WRAB, WRAB, WRA.

IDC 16 08:00:43.3:7.9, 30:37S:177:97W, h0km, mb3.5/2, mb1 3.8/2, mb1mx3.5/28, mbtmp3.5/2, Error ellipse:

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CEME Cevo, BEY Berane, IVA Berane, HCA Herceg Novi, etc.

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

SCB 16 09:37:02.8.0.1, 21.04S:67.07W, h185km, M13.5/2, Error ellipse: s-maj=15.0km s-min=2.9km az=76.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like YJA Yavi, HMBC Humberstone, etc.

ASTB Santa Barbara 4.05 133 i P Pn 09 38 07.1 +0.5

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

CPUP Villa Florida 10.77 120 i P Pn 09 39 37.2 +1.6

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BDFB Brasilia, PLCA Paso Flores, etc.

YKA Yellowknife Arr 91.28 340 P P 09 49 53.0 +0.0

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

IDA 16 09:37:23.1.0.6, 12.27N:143.69E, h0km, mb4.1/16, mb1 3.6/2, mb1mx3.3/4.1, mbtmp3.4/2, MS4.0/1, Ms1 4.0/1, ms1mx2.8/1.9, Error ellipse: s-maj=159.2km s-min=44.4km az=119.0, New Ireland region

NEIC 16 09:37:24.6.0.3, 12.24N:143.66E, h10km, mb4.3/3, Error ellipse: s-maj=13.1km s-min=7.1km az=90.0

ISC 16 09:37:27.1.0.6, 12.27N:143.70E, h2km, mb3.3/3, Error ellipse: s-maj=7.5km az=20.6

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GUMO Guam, DAV Davao City (W), H1S3 WAKE ISLAND Hy, etc.

ISC 16 09:44:49.7.1.7, 53.58N:35.33W, h0km, mb3.3/5, mb1 3.5/5, mb1mx3.3/5.0, mbtmp3.3/5.0, Error ellipse: s-maj=74.9km s-min=26.1km az=176.0, Reykjanes Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like YKA Yellowknife Arr, BRTR Keskin Array B, etc.

ISC 16 09:48:39.5.1.3, 1.42S:0.07E:81.08W, h10km, Error ellipse: s-maj=12.7km s-min=7.9km az=140.6

ISC 16 09:48:39.1.8.1, 5.25S:0.09E:80.91W, h10km, Res region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ISPT Isla de la Pla, JAMA Jama, etc.

ISC 16 09:48:39.1.8.1, 5.25S:0.09E:80.91W, h10km, Res region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BBIL Ulba Tungurahua, JU6 Juive, etc.

ISC 16 09:48:39.1.8.1, 5.25S:0.09E:80.91W, h10km, Res region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RUN5 Runtun, BRUN Tungurahua Vol, etc.

ISC 16 09:48:39.1.8.1, 5.25S:0.09E:80.91W, h10km, Res region

ISC 16 09:37:27.1.0.6, 12.27N:143.70E, h2km, mb3.3/3, Error ellipse: s-maj=7.5km az=20.6

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CMBC Cumbal, CRUC La Cruz, etc.

ISC 16 10:10:22.1.1.1, 11.36S:0.05E:117.50E, h1km, n14, Error ellipse: s-maj=10.0km

ISC 16 10:10:22.1.1.1, 11.36S:0.05E:117.50E, h1km, n14, Error ellipse: s-maj=10.0km

ISC 16 10:10:22.1.1.1, 11.36S:0.05E:117.50E, h1km, n14, Error ellipse: s-maj=10.0km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WBSI Waikabubak, TWSI Taliwang, etc.

OBM 16 10:13:31.2.0.1, 52.02N:99.93E, h2km, M13.9/4, 8C-2D, Error ellipse: s-maj=1.6km s-min=0.6km az=176.0, Tuva-Buryatia-Mongolia border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like HTG Hatgal, BLGM Bulgan, etc.

ISC 16 09:48:39.5.1.3, 1.42S:0.07E:81.08W, h10km, Error ellipse: s-maj=12.7km s-min=7.9km az=140.6

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SONB3 Songino Array, SONB2, etc.

ISC 16 09:48:39.5.1.3, 1.42S:0.07E:81.08W, h10km, Error ellipse: s-maj=12.7km s-min=7.9km az=140.6

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ALFM ALFM, UB5M UB5M, etc.

ISC 16 09:48:39.5.1.3, 1.42S:0.07E:81.08W, h10km, Error ellipse: s-maj=12.7km s-min=7.9km az=140.6

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

ISC 16 09:48:39.5.1.3, 1.42S:0.07E:81.08W, h10km, Error ellipse: s-maj=12.7km s-min=7.9km az=140.6

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

ISC 16 09:48:39.5.1.3, 1.42S:0.07E:81.08W, h10km, Error ellipse: s-maj=12.7km s-min=7.9km az=140.6

ISC 16 09:48:39.5.1.3, 1.42S:0.07E:81.08W, h10km, Error ellipse: s-maj=12.7km s-min=7.9km az=140.6

ISC 16 09:48:39.5.1.3, 1.42S:0.07E:81.08W, h10km, Error ellipse: s-maj=12.7km s-min=7.9km az=140.6

Table with columns: ORLT, AUMIH, SVRHR, SVRHR. Includes station names like Orhanelli, MIHALICIK, Sivrihisar-ESK and various codes and times.

ISK 16 10:25:39.6, 39°45N, 39°03E, h10km, MD2.6
CSEM 16 10:25:40.3, 39°43N, 39°02E, h15km, MD2.6, Error ellipse: s-maj=5.2km s-min=4.5km az=19.0

Main table for 16d 10h section with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like REFA, ILIC, TUNCEL, ERZINCAN, etc.

ISCJB 16 10:43:23.6, 0.6, 35°25S, 0.1, h10km, mb4.3/17, MS4.3/13, Error ellipse: s-maj=20.0km s-min=14.6km

NEIC 16 10:43:25.3, 0.5, 35°17S, 78.83E, h10km, mb4.7/3, Error ellipse: s-maj=16.4km s-min=11.7km az=175.0

Main table for 16d 10h section (continued) with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like H08S2, H08S1, H08S3, etc.

2011 FEB ROM 16 10:47:32.0, 0.1, 43°45N, 13°01E, h8km, 1km, Md1.6/8, MI1.2/4, Error ellipse: s-maj=1.5km s-min=0.9km

Table for ROM section with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like ARVD, ARVD, CING, etc.

NEIC 16 10:53:13.8, 35°28'N, 92°37'W, h6km, MD2.6(CERI), After CERI

NEIC Felt [I] at Greenbrier. ISC 16 10:53:12.9, 1.1, 35°29'N, 0°02', 92°39'W, 0.02, h5km, 10km, n42, c103/64, Arkansas

Main table for ROM section (continued) with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like W40A, X40A, U40A, etc.

Table for V34A, V34A, LRAL, KSU1, KSU1. Includes station names Guthrie, Lakeview Retre, Kansas State U and various codes and times.

IDC 16 10:54:53.6, 1.8, 10°45'N, 91°57'E, h0km, mb3.6/7, mb1.3/7.8, mb1mx3.5/5.6, mbtmp3.6/8, ML3.9/1, MS4.1/2, MS1.4/1.2, ms1mx3.3/4.5, Error ellipse: s-maj=64.6km

ISCJB 16 10:54:54.9, 1.2, 10°56'N, 0°1', 91°7'E, 0.2, h17km, mb3.5/7, MS4.1/2, Error ellipse: s-maj=32.1km s-min=15.2km az=159.2

ISC 16 10:54:56.3, 1.7, 10°56'N, 0°2', 91°6'E, 0.3, h17km, n9, c087/8, mb3.5/7, Andaman Islands region

Table for V34A, V34A, LRAL, KSU1, KSU1 (continued) with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like CMAR, MKAR, SONM, etc.

IDC 16 10:55:22.8, 0.5, 10°16'N, 91°74'E, h0km, mb4.3/30, mb1.4/4.32, mb1mx3.4/3.7, mbtmp4.3/32, ML.4.1/2, MS4.0/3, MS1.4/0.3, ms1mx3.4/4.8, Error ellipse: s-maj=16.9km s-min=11.1km az=51.0

ISCJB 16 10:55:23.0, 0.8, 10°52'N, 0°03', 91°62'E, 0.2, h16km, 5km, mb4.6/88, MS4.1/13, Error ellipse: s-maj=4.4km s-min=3.3km az=17.8

BUI 16 10:55:24.4, 10°42'N, 91°78'E, h30km, mb4.7/60, mb5.1/45, MS4.5/44, MS7.4/242

DJA 16 10:55:25.9, 0.3, 10°N, 4°9'2"E, h10km, M4.9/11, mb4.6/11, mb5.2/5, MLv5.2/1, Mw(mb)4.5/5

MOS 16 10:55:26.2, 1.1, 10°65'N, 91°81'E, h37km, mb4.9/38, Error ellipse: s-maj=9.6km s-min=5.6km az=76.3

NEIC 16 10:55:26.2, 0.2, 10°59'N, 91°74'E, mb4.7/21, Error ellipse: s-maj=5.6km s-min=3.5km az=50.0

NEIC Felt at Port Blair. BKK 16 10:55:27.9, 0.3, 11°N, 3°9'2"E, h10km, M4.4/29, mb5.0/17, mb4.6/29, MLv4.7/6, Mw(mb)4.3/17

ISC 16 10:55:26.2, 0.4, 10°56'N, 0°04', 91°67'E, 0.04, h22km, 2km, h22km; pp-P, n286, c172/316, mb4.7/89, MS4.2/15, 6C-7D, Andaman Islands region

Main table for V34A, V34A, LRAL, KSU1, KSU1 (continued) with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like PBA, DGPR, CMBY, etc.

PVM	comp=Z,17nm,0.7s	IAMB	IAMB	10 58 21.4	
PVM		e	IVMs_BB	11 00 11.7	
PVM	comp=Z,301nm,13.4s	ePn	IVMs_BB	10 07 22.2	
SKHT	Srikalahasti	12.11 286	Pn	10 58 17.4	0.0
SKHT	comp=Z,101nm,0.8s	ePn	IAMB	10 58 18.8	
SKHT		e	IVMs_BB	11 00 19.9	
SKHT	comp=Z,549nm,11.2s	e	IVMs_BB	11 11 38.1	
KHON	Khomkaen	12.28 61	P	10 58 35.2	+3.3
ADKI	Addanki	12.54 296	ePn	10 58 22.0	-1.4
ADKI	comp=Z,25nm,0.7s	e	IAMB	10 58 24.5	
ADKI		e	IVMs_BB	11 00 27.6	
ADKI	comp=Z,690nm,13.3s	e	IVMs_BB	11 10 02.5	
CRAI	Chiangrai	12.76 40	P	10 58 28.7	+2.4
CRAI	comp=Z,7.1nm,1.2s,comp=Z,748nm	e	Pn	10 58 32.5	-1.3
RCLA	Rachera	13.30 293	ePn	10 58 32.5	-1.3
RCLA	comp=Z,13nm,0.7s	e	IAMB	10 58 44.3	
RCLA		e	IVMs_BB	11 00 46.6	
RCLA	comp=Z,468nm,9.2s	e	IVMs_BB	11 13 47.9	
NJS	Nagarjunasagar	13.41 298	ePn	10 58 35.2	-0.1
NJS	comp=Z,5.3nm,0.9s	ePn	IAMB	10 58 36.3	
NJS		e	IVMs_BB	11 00 50.2	
NJS		e	IVMs_BB	11 12 24.0	
SKNT	Sakolnakhorn	13.55 61	P	10 58 39.3	+2.1
SKNT	comp=Z,339nm,14.4s	P	Pn	10 58 39.3	+2.1
SRLM	Srisailam	13.59 295	ePn	10 58 38.0	+0.3
SRLM	comp=Z,12nm,0.7s	ePn	IAMB	10 58 45.1	
SRLM		e	IVMs_BB	11 00 53.7	
SRLM		e	IVMs_BB	11 13 31.0	
PPI	Padang	13.97 141	P	10 58 50.5	-0.3
PANO	Nakornpanom	14.17 61	P	10 58 46.7	+1.1
PANO	comp=Z,17nm,1.1s	P	Pn	10 58 49.5	+0.5
UBPT	Khong Chiam	14.25 69	P	10 58 53.7	-0.1
BOK	Bokaro	14.27 338	ePn	10 58 45.1	-1.8
BOK	comp=Z,55nm,0.2s	ePn	IAMB	10 58 52.1	
PDSI	Padang	14.37 142	P	10 58 55.8	+0.5
HYB	Hyderabad	14.43 300	iP	10 59 03.9	+0.3
HYB		eS	Sn	11 01 30.0	+1.4
HYB	Hyderabad	14.43 300	ex	11 01 27.9	-0.8
HYBB	Hyderabad (bro)	14.43 300	ePn	10 58 49.9	+0.6
HYBB	comp=Z,10nm,0.8s	e	IAMB	10 59 00.0	
HYBB		e	IVMs_BB	11 01 27.0	
HYBB		e	IVMs_BB	11 13 41.9	
RPR	Rampur	14.53 306	ePn	10 58 49.6	-0.9
RPR	comp=Z,339nm,7.8s	ePn	Pn	10 58 49.6	-0.9
TRD	Trivandrum	14.65 263	ex	10 58 50.6	-1.6
TRD	comp=Z,4um,6.2s	ex	IAMB	10 58 54.8	
SHL	Shillong	14.93 1	ePn	10 58 56.4	+0.3
SHL	comp=Z,22nm,0.9s	ePn	IAMB	10 59 01.9	
SRSP	Sriramsagar	15.33 304	ePn	10 58 59.5	-1.8
SRSP	comp=Z,11nm,0.8s	ePn	IAMB	10 59 09.3	
SRSP		e	IVMs_BB	11 01 35.7	
SRSP		e	IVMs_BB	11 12 20.4	
NGP	Nagpur	16.05 313	ePn	10 59 10.4	-0.2
NGP	comp=Z,8.9nm,0.5s	ePn	IAMB	10 59 11.3	
NGP		ex	x	11 01 55.5	
KLRI	Killari	16.39 299	ePn	10 59 14.2	-0.8
KLRI	comp=Z,25nm,0.9s	ePn	IAMB	10 59 19.3	
KLRI		e	IVMs_BB	11 01 59.4	
KLRI		e	IVMs_BB	11 10 58.1	
MASI	Maura Aman, Be	17.21 142	P	10 59 32.5	+5.7
KRI	Kapahiang	17.83 142	P	10 59 36.0	+2.4
KMI	Kunming	17.89 35	P	10 59 39.0	+0.5
KMI		pP	pP	10 59 41.4	+0.7
KMI		sP	sP	10 59 45.0	+1.4
KMI		PP	PnPn	10 59 51.3	+6.2
KMI		SS	Sn	11 02 51.5	-1.6
KMI		SS	SS	11 03 00.9	+1.5
KMI		SS	SnSn	11 03 14.8	+7.8
KMI		SS	SS	11 03 14.8	+7.8
KMI	comp=Z,25nm,0.9s				
KMI	comp=Z,970nm,17.0s				
KMI	comp=Z,480nm,15.9s				
KMI					
PKIN	Phulchoki	17.93 342	eP	10 59 38.7	+3.8
KKN	Kakani	18.16 342	ePn	10 59 36.6	-0.6
BHPL	Bhopal	18.54 315	ePn	10 59 41.1	-0.4
BHPL	comp=Z,10nm,0.7s	ePn	IAMB	10 59 45.4	
GKN	Gorkha	18.57 340	eP	10 59 36.3	-5.5
KOLN	Koldanda	18.72 337	ePn	10 59 45.1	+1.0
POO	Poona	18.96 297	eP	10 59 45.0	-1.1
LSA	Lhasa	19.05 359	eP	10 59 46.9	-0.5
LSA	comp=Z,34nm,0.8s	eS	Sn	11 03 11.5	-1.0
LSA	Lhasa	19.05 359	eS	10 59 46.9	-0.5
LSA		eS	Sn	11 03 11.5	-1.0
LSA		eS	Sn	10 59 46.9	-0.5
LSA		eS	Sn	11 03 11.5	-1.0
PYUN	Piuthan	19.26 336	eP	10 59 44.9	-4.5
QIZ	Qiongzong	19.47 62	P	10 59 52.3	+0.6
QIZ	comp=Z,67nm,0.7s	pP	pP	10 59 56.9	+1.1
QIZ		sP	sP	10 59 58.8	-1.0
QIZ		SS	SS	11 03 28.1	-2.5
QIZ		SS	SS	11 03 39.5	-1.4
QIZ	comp=Z,760nm,16.8s	LR	LR		
QIZ	comp=Z,510nm,10.5s	LR	LR		
QIZ		LR	LR		
QIZ	comp=Z,560nm,14.3s	LR	LR		
KSM	Kuching	20.61 115	P	11 00 06.5	+0.1
KSM	comp=Z,25nm,0.9s	ePn	Pn	11 00 03.6	-0.4
KSM	Kuching	20.61 115	eP	11 00 03.6	-0.4
GYA	Guiyang	21.23 40	iP	11 00 10.8	0.0
GYA		pP	pP	11 00 19.8	-0.2
GYA		PP	PnPn	11 00 41.3	+0.9
GYA		S	S	11 04 02.0	-4.0
GYA		sS	Sn	11 04 13.6	+0.2
GYA		SS	SnSn	11 04 36.5	+7.8
GYA	comp=Z,50nm,0.8s				
GYA	comp=Z,130nm,8.4s				
GYA	comp=Z,290nm,12.8s				
GYA	comp=Z,520nm,14.4s				
GYA					
SBUM	Sibu	21.94 110	P	11 00 19.5	+1.1
SBUM	comp=Z,23nm,1.3s	eP	P	11 00 17.9	-0.5
STKI	Sintang	22.29 117	P	11 00 25.7	+3.5
CD2	Chengdu	23.15 27	P	11 00 30.9	-0.3
CD2		sP	sP	11 00 41.3	+0.9
CD2		sP	sP	11 04 19.3	-0.1
CD2		S	S	11 04 40.5	-1.1
CD2		sS	sS	11 04 53.6	+0.9
CD2		SS	SnSn	11 05 25.0	+9.3
CD2	comp=Z,100nm,0.6s				
CD2	comp=Z,670nm,8.4s				
CD2		LR	LR		

CD2	comp=Z,700nm,12.0s	LR	LR		
SMLA	Simla	24.49 329	eP	11 00 45.7	+1.9
SMLA	comp=Z,30nm,1.0s	eP	IAMB	11 00 54.0	
ENH	Enshi	25.69 38	eP	11 00 54.4	-0.3
H08S3	Diego Garcia H	26.29 227	T	11 28 21.6	
H08S2	Diego Garcia H	26.29 227	T	11 28 26.7	
H08S1	Diego Garcia H	26.31 227	T	11 28 29.9	
BBKI	Banjur Baru	26.95 120	eP	11 01 07.6	+1.3
LZH	Lanzhou	27.71 22	eP	11 01 13.8	+0.7
LZH		pP	pP	11 01 22.0	-0.6
LZH		sP	sP	11 01 25.3	+5.5
LZH		SS	SS	11 05 52.0	-2.3
LZH		SS	SnSn	11 07 12.0	+9.9
LZH	comp=Z,25nm,1.2s				
LZH	comp=Z,180nm,5.3s				
LZH	comp=Z,630nm,14.0s				
LZH	comp=Z,970nm,15.2s				
XAN	Xi'an	28.21 31	P	11 01 16.1	-1.3
XAN		S	S	11 06 03.4	+1.3
XAN	comp=Z,14nm,0.9s				
XAN	comp=Z,130nm,7.9s				
XAN	comp=Z,310nm,16.3s				
XAN	comp=Z,560nm,16.8s				
XAN	comp=Z,340nm,11.9s				
GTA	Gaotai	29.63 13	iP	11 01 31.0	+0.9
GTA		P	P	11 01 37.8	+0.9
GTA		pP	pP	11 01 40.6	+0.9
GTA		SS	SS	11 04 35.4	+0.9
GTA		S	S	11 06 24.8	+0.3
GTA		sS	sS	11 06 34.8	-0.8
GTA		SS	SnSn	11 07 57.9	+4.0
GTA		SS	SS	11 07 57.9	+4.0
GTA	comp=Z,18nm,1.0s				
GTA	comp=Z,120nm,6.4s				
GTA	comp=Z,160nm,18.5s				
GTA	comp=Z,400nm,15.7s				
GTA	comp=Z,350nm,14.7s				
MMSI	Mamuju	30.15 114	P	11 01 37.2	+2.4
YULB	Yuli	31.00 62	eP	11 01 41.8	-0.5
TTSI	Tana Toraja	31.12 114	P	11 01 46.5	+3.1
KSH	Kashi	32.04 337	P	11 01 50.8	-0.6
KSH		pP	pP	11 01 56.1	-2.0
KSH		sP	sP	11 02 00.3	-0.6
KSH		PP	PnPn	11 02 56.8	-0.2
KSH		PcP	PcP	11 04 43.8	+3.0
KSH		SS	SS	11 06 55.5	-6.7
KSH		SS	SnSn	11 08 52.8	+0.3
KSH		SS	SS	11 12 18.3	-3.6
KSH	comp=Z,4.0nm,0.6s				
KSH	comp=Z,210nm,5.5s				
KSH	comp=Z,320nm,7.1s				
KSH	comp=Z,530nm,12.6s				
KSH	comp=Z,280nm,8.9s				
WMQ	Urumqi	33.31 355	P	11 02 03.9	+1.5
WMQ		pP	pP	11 02 10.8	-1.2
WMQ		sP	sP	11 02 14.6	+5.4
WMQ		PP	PP	11 02 16.6	+1.4
WMQ		S	S	11 07 22.8	+1.0
WMQ		sS	sS	11 07 34.9	+1.9
WMQ		SS	SnSn	11 09 25.4	+2.2
WMQ	comp=Z,4.0nm,0.6s				
WMQ	comp=Z,35nm,8.6s				
WMQ	comp=Z,250nm,10.8s				
WMQ	comp=Z,230nm,8.6s				
WMQ	comp=Z,76nm,20.4s				
PDGK	Podgornoye	34.32 344	P	11 02 10.4	-0.6
PDGK		pmax	pmax		
TIA	Tai'an	34.40 38	iP	11 02 12.3	+0.4
TIA	comp=Z,10.0nm,0.7s				
HHC	Hu-ho-hao-te	34.91 27	eP	11 02 16.1	-0.2
HHC		pP	pP	11 02 23.9	+0.7
HHC		S	S	11 07 44.3	-2.4
HHC		SS	SnSn	11 09 55.6	-6.5
HHC		SS	SS	11 09 55.6	-6.5
HHC	comp=Z,16nm,0.8s				
HHC	comp=Z,170nm,6.3s				
HHC	comp=Z,230nm,17.3s				
HHC	comp=Z,500nm,17.5s				
HHC	comp=Z,230nm,17.3s				
TKM2	Tokmak 2	35.15 339	eP	11 02 14.6	-3.9
TKM2	comp=Z,4.2nm,0.8s				
TKM2	Tokmak 2	35.15 339	eP	11 02 14.6	-3.9
TKM2	comp=Z,4.0nm,0.8s				
AAK	Ala-Archa	35.30 338	P	11 02 19.9	+0.2
AAK	comp=Z,3.1nm,0.7s,baz=175,slow=4.9,SNR=6.5				
AAK	Ala-Archa	35.30 338	eP	11 02 21.1	+1.4
AAK	comp=Z,1.6nm,0.4s				
AAK	Ala-Archa	35.30 338	P	11 02 19.7	0.0
AAK					
FRU	Bishkek	35.42 338	eP	11 02 26.0	+5.4
EKS2	Erkin-Say	35.59 337	eP	11 02 24.3	+2.1
EKS2	comp=Z,12nm,0.9s				
EKS2	Erkin-Say	35.59 337	eP	11 02 24.3	+2.1
EKS2					
BJT	Baijietau	36.51 32	eP	11 02 30.6	+0.6
BJT	comp=Z,39nm,1.1s				
BJT	Baijietau	36.51 32	eP	11 02 30.6	+0.6
BJT					
BJT	comp=Z,39nm,1.1s				
BJI	Beijing	36.53 32	P	11 02 30.3	+0.2
BJI		pP	pP	11 02 39.6	-0.1
BJI		sP	sP	11 03 54.3	+0.9
BJI		S	S	11 08 10.1	-1.1
BJI	comp=Z,3.0nm,1.2s				
BJI	comp=Z,430nm,20.2s				
BJI	comp=Z,200nm,17.5s				

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like W35A Tecumseh, Q40A Laux Farm, T35A Sooner Cattle, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like DDEM Demirkent, DDEM Demirkent, DDEM Demirkent, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like TKM2 Tokmak 2, TKM2 Tokmak 2, TKM2 Tokmak 2, etc.

IDC 16 14:48:09.1 9.7,30S:122.12E,h262km,19km,mb2.5/1, mb1 2.3/9, mb1mx3.5/4.1, mbtmp3.3/5, Error ellipse: s-maj=20.5km s-min=20.6km az=65.0, Flores Sea

IDC 16 15:30:27.1 10.0,22.90S:179.42W,h454km,96km, mb3.3/5, mb1 3.4/6, mb1mx3.1/2.1, mbtmp4.2/6.0, Error ellipse: s-maj=81.1km s-min=28.8km az=38.0, South of Fiji Islands

IDC 16 15:30:27.1 10.0,22.90S:179.42W,h454km,96km, mb3.3/5, mb1 3.4/6, mb1mx3.1/2.1, mbtmp4.2/6.0, Error ellipse: s-maj=81.1km s-min=28.8km az=38.0, South of Fiji Islands

IDC 16 14:54:19.7 2.0,52.10N:171.64E,h0km,mb3.4/7, mb1 3.7/9, mb1mx3.5/4.1, mbtmp3.4/9, ML2.4/1, MS3.8/1, Ms1 3.8/1, ms1mx2.7/3.0, Error ellipse: s-maj=51.0km s-min=19.5km az=2.0

IDC 16 15:30:27.1 10.0,22.90S:179.42W,h454km,96km, mb3.3/5, mb1 3.4/6, mb1mx3.1/2.1, mbtmp4.2/6.0, Error ellipse: s-maj=81.1km s-min=28.8km az=38.0, South of Fiji Islands

IDC 16 15:30:27.1 10.0,22.90S:179.42W,h454km,96km, mb3.3/5, mb1 3.4/6, mb1mx3.1/2.1, mbtmp4.2/6.0, Error ellipse: s-maj=81.1km s-min=28.8km az=38.0, South of Fiji Islands

IDC 16 14:54:22.7 1.3,52.22N:0.2,171.52E,0.10,h33km, mb3.4/9, MS3.8/1, Error ellipse: s-maj=31.9km s-min=7.9km az=174.6

IDC 16 15:30:27.1 10.0,22.90S:179.42W,h454km,96km, mb3.3/5, mb1 3.4/6, mb1mx3.1/2.1, mbtmp4.2/6.0, Error ellipse: s-maj=81.1km s-min=28.8km az=38.0, South of Fiji Islands

IDC 16 15:30:27.1 10.0,22.90S:179.42W,h454km,96km, mb3.3/5, mb1 3.4/6, mb1mx3.1/2.1, mbtmp4.2/6.0, Error ellipse: s-maj=81.1km s-min=28.8km az=38.0, South of Fiji Islands

IDC 16 14:54:25.2 1.7,52.27N:171.63E,h36km,14km,mb4.0/2, Error ellipse: s-maj=30.2km s-min=9.4km az=178.0

IDC 16 15:30:27.1 10.0,22.90S:179.42W,h454km,96km, mb3.3/5, mb1 3.4/6, mb1mx3.1/2.1, mbtmp4.2/6.0, Error ellipse: s-maj=81.1km s-min=28.8km az=38.0, South of Fiji Islands

IDC 16 15:30:27.1 10.0,22.90S:179.42W,h454km,96km, mb3.3/5, mb1 3.4/6, mb1mx3.1/2.1, mbtmp4.2/6.0, Error ellipse: s-maj=81.1km s-min=28.8km az=38.0, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like BATI Baumata, BATI Baumata, FITZ Fitzroy Crossi, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like URZ Urewera, URZ Urewera, URZ Urewera, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like TKM2 Tokmak 2, TKM2 Tokmak 2, TKM2 Tokmak 2, etc.

GUC 16 14:56:33.6 0.7,34.21S:71.90W,h35km,10km,ML3.6, 2C-2D, Near coast of central Chile

IDC 16 15:30:27.1 10.0,22.90S:179.42W,h454km,96km, mb3.3/5, mb1 3.4/6, mb1mx3.1/2.1, mbtmp4.2/6.0, Error ellipse: s-maj=81.1km s-min=28.8km az=38.0, South of Fiji Islands

IDC 16 15:30:27.1 10.0,22.90S:179.42W,h454km,96km, mb3.3/5, mb1 3.4/6, mb1mx3.1/2.1, mbtmp4.2/6.0, Error ellipse: s-maj=81.1km s-min=28.8km az=38.0, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like CHPI Pichilemu, CHPI Pichilemu, NICH Los Niches, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like TOKL Toktogul, TOKL Toktogul, TOKL Toktogul, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like ARX Arshar, ARX Arshar, ARX Arshar, etc.

IDC 16 15:09:01.4 6.24,0.46,70N:48.62E,h0km, Error ellipse: s-maj=234.0km s-min=149.2km az=39.0, Ukraine-Moldova-Southwestern Russia region

IDC 16 15:30:27.1 10.0,22.90S:179.42W,h454km,96km, mb3.3/5, mb1 3.4/6, mb1mx3.1/2.1, mbtmp4.2/6.0, Error ellipse: s-maj=81.1km s-min=28.8km az=38.0, South of Fiji Islands

IDC 16 15:30:27.1 10.0,22.90S:179.42W,h454km,96km, mb3.3/5, mb1 3.4/6, mb1mx3.1/2.1, mbtmp4.2/6.0, Error ellipse: s-maj=81.1km s-min=28.8km az=38.0, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like I31KZ AKTYUBINSK INF, I31KZ AKTYUBINSK INF, I43RU DUBNA INFRA20.5, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like CHMS Chumysh, CHMS Chumysh, CHMS Chumysh, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, etc.

ISK 16 15:22:23.8, 40.75N:41.25E, h4km, MD2.7

IDC 16 15:30:27.1 10.0,22.90S:179.42W,h454km,96km, mb3.3/5, mb1 3.4/6, mb1mx3.1/2.1, mbtmp4.2/6.0, Error ellipse: s-maj=81.1km s-min=28.8km az=38.0, South of Fiji Islands

IDC 16 15:30:27.1 10.0,22.90S:179.42W,h454km,96km, mb3.3/5, mb1 3.4/6, mb1mx3.1/2.1, mbtmp4.2/6.0, Error ellipse: s-maj=81.1km s-min=28.8km az=38.0, South of Fiji Islands

CSEM 16 15:22:24.4, 40.75N:41.23E, h1km, MD2.6, Error ellipse: s-maj=5.3km s-min=2.9km az=142.0, Suspected Mining explosion.

IDC 16 15:30:27.1 10.0,22.90S:179.42W,h454km,96km, mb3.3/5, mb1 3.4/6, mb1mx3.1/2.1, mbtmp4.2/6.0, Error ellipse: s-maj=81.1km s-min=28.8km az=38.0, South of Fiji Islands

IDC 16 15:30:27.1 10.0,22.90S:179.42W,h454km,96km, mb3.3/5, mb1 3.4/6, mb1mx3.1/2.1, mbtmp4.2/6.0, Error ellipse: s-maj=81.1km s-min=28.8km az=38.0, South of Fiji Islands

DDA 16 15:22:24.3, 40.76N:41.25E, h7km, Md2.6, Suspected Mining explosion.

IDC 16 15:30:27.1 10.0,22.90S:179.42W,h454km,96km, mb3.3/5, mb1 3.4/6, mb1mx3.1/2.1, mbtmp4.2/6.0, Error ellipse: s-maj=81.1km s-min=28.8km az=38.0, South of Fiji Islands

IDC 16 15:30:27.1 10.0,22.90S:179.42W,h454km,96km, mb3.3/5, mb1 3.4/6, mb1mx3.1/2.1, mbtmp4.2/6.0, Error ellipse: s-maj=81.1km s-min=28.8km az=38.0, South of Fiji Islands

ISC 16 15:22:24.7, 40.75N:41.23E, h0km, n21, 0548/32, Turkey

IDC 16 15:30:27.1 10.0,22.90S:179.42W,h454km,96km, mb3.3/5, mb1 3.4/6, mb1mx3.1/2.1, mbtmp4.2/6.0, Error ellipse: s-maj=81.1km s-min=28.8km az=38.0, South of Fiji Islands

IDC 16 15:30:27.1 10.0,22.90S:179.42W,h454km,96km, mb3.3/5, mb1 3.4/6, mb1mx3.1/2.1, mbtmp4.2/6.0, Error ellipse: s-maj=81.1km s-min=28.8km az=38.0, South of Fiji Islands

ISC 16 15:51:18.6, 0.9, 11.68N:125.61E, h0km, mb3.8/9, mb1 4.0/9, mb1mx3.7/5.5, mbtmp3.8/9, MS3.7/5, Ms1 3.3/7, ms1mx3.0/5.0, Error ellipse: s-maj=71.2km s-min=15.2km az=75.0

IDC 16 15:30:27.1 10.0,22.90S:179.42W,h454km,96km, mb3.3/5, mb1 3.4/6, mb1mx3.1/2.1, mbtmp4.2/6.0, Error ellipse: s-maj=81.1km s-min=28.8km az=38.0, South of Fiji Islands

IDC 16 15:30:27.1 10.0,22.90S:179.42W,h454km,96km, mb3.3/5, mb1 3.4/6, mb1mx3.1/2.1, mbtmp4.2/6.0, Error ellipse: s-maj=81.1km s-min=28.8km az=38.0, South of Fiji Islands

ISC 16 15:51:23.4, 1.1, 11.84N:125.69E, h0km, mb3.8/9, h45km, 10km, mb3.9/10, MS3.2/5, Error ellipse: s-maj=11.4km s-min=7.2km az=155.3

IDC 16 15:30:27.1 10.0,22.90S:179.42W,h454km,96km, mb3.3/5, mb1 3.4/6, mb1mx3.1/2.1, mbtmp4.2/6.0, Error ellipse: s-maj=81.1km s-min=28.8km az=38.0, South of Fiji Islands

IDC 16 15:30:27.1 10.0,22.90S:179.42W,h454km,96km, mb3.3/5, mb1 3.4/6, mb1mx3.1/2.1, mbtmp4.2/6.0, Error ellipse: s-maj=81.1km s-min=28.8km az=38.0, South of Fiji Islands

NEIC 16 15:51:23.7, 0.5, 11.69N:125.67E, h35km, mb4.7/1, Error ellipse: s-maj=39.4km s-min=8.4km az=74.0

IDC 16 15:30:27.1 10.0,22.90S:179.42W,h454km,96km, mb3.3/5, mb1 3.4/6, mb1mx3.1/2.1, mbtmp4.2/6.0, Error ellipse: s-maj=81.1km s-min=28.8km az=38.0, South of Fiji Islands

IDC 16 15:30:27.1 10.0,22.90S:179.42W,h454km,96km, mb3.3/5, mb1 3.4/6, mb1mx3.1/2.1, mbtmp4.2/6.0, Error ellipse: s-maj=81.1km s-min=28.8km az=38.0, South of Fiji Islands

MAN 16 15:51:23.1, 1.1, 11.86N:125.61E, h22km, mb4.7, ML3.6, MS3.6

IDC 16 15:30:27.1 10.0,22.90S:179.42W,h454km,96km, mb3.3/5, mb1 3.4/6, mb1mx3.1/2.1, mbtmp4.2/6.0, Error ellipse: s-maj=81.1km s-min=28.8km az=38.0, South of Fiji Islands

IDC 16 15:30:27.1 10.0,22.90S:179.42W,h454km,96km, mb3.3/5, mb1 3.4/6, mb1mx3.1/2.1, mbtmp4.2/6.0, Error ellipse: s-maj=81.1km s-min=28.8km az=38.0, South of Fiji Islands

ISC 16 15:51:23.9, 1.4, 11.82N:125.64E, h0km, mb3.8/9, n37, r184/34, mb3.7/10, MS3.2/5, 3C-3D, Samar

IDC 16 15:30:27.1 10.0,22.90S:179.42W,h454km,96km, mb3.3/5, mb1 3.4/6, mb1mx3.1/2.1, mbtmp4.2/6.0, Error ellipse: s-maj=81.1km s-min=28.8km az=38.0, South of Fiji Islands

IDC 16 15:30:27.1 10.0,22.90S:179.42W,h454km,96km, mb3.3/5, mb1 3.4/6, mb1mx3.1/2.1, mbtmp4.2/6.0, Error ellipse: s-maj=81.1km s-min=28.8km az=38.0, South of Fiji Islands

16d 15h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BESP Borongan, PLP Palo, OCLP Oromoc, etc.

IDC 16:15:52.31.9.2.0, 22.83N-44.80W, h0km, mb3.8/7, mb1 4.1/7, mb1mx3.7/57, mbmp3.8/7, MS3.7/13, Ms1 3.8/13, ms1mx3.5/40, Error ellipse: s-maj=68.9km s-min=23.6km az=15.0, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like San Juan, Pitinga, Babate, etc.

IS/CJB 16:15:52.35.2.0.7, 35.26N.0.02-92.37W.0.02, h4km, 5km, Error ellipse: s-maj=3.8km s-min=2.9km az=165.1 NEIC 16:15:52.36.0.3, 28.28N.92.37W, h6km, MD2.8(CERI), After CERI.

NEIC Feit [I] at Greenbrier. ISC 16:15:52.35.1.1.3, 35.26N.0.03-92.36W.0.02, h1km, 11km, n60, r197/82, Arkansas

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like UALR University of, W40A Ferguson Farm, etc.

2011 FEB

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MIAR Mount Ida, MIAR Green Forest, U39A, etc.

DDA 16:15:54:25.9, 37.95N, 34.82E, h7km, Md2.6 CSEM 16:15:54:26.0, 37.96N, 34.80E, h2km, MD2.6, Error ellipse: s-maj=5.1km s-min=4.4km az=69.0

ISK 16:15:54:26.4, 1.37.99N, 34.80E, h5km, MD2.6

ISC 16:15:54:26.4, 1.37.95N.0.02-34.79E.0.03, h11km, 11km, n25, r053/37, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NIG Nigde, GULA Gulagac, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CDAG Cicekdag, KULU Kulu, etc.

IS/CJB 16:15:55.59.4.0.6, 20.19S.0.04, 177.66W.0.05, h524km, 8km, mb4.7/98, Error ellipse: s-maj=8.0km s-min=5.3km az=19.0

BUI 16:15:55.59.3.20.20S.177.60W, h529km, mb4.7/33, mb5.0/24

NEIC 16:15:56.00.8.0.7, 20.19S.177.64W, h533km, 7km, mb5.0/45, Error ellipse: s-maj=7.9km s-min=6.0km az=110.0

MOS 16:15:56.04.8.2.2, 18.92S.178.45W, h519km, mb4.7/6, Error ellipse: s-maj=13.4km s-min=10.9km az=178.4

IDC 16:15:56.04.3.1.7, 20.29S.177.75W, h570km, 19km, mb3.9/25, mb1 4.1/27, mb1mx3.8/49, mbtmp4.9/27, Error ellipse: s-maj=12.9km s-min=9.6km az=144.0

ISC 16:15:55.59.8.0.5, 20.21S.0.06, 177.58W.0.06, h526km, 4km, h527km, p-P, n321, r126/350, mb4.8/98, 30C-12D, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSVF Nonsavu, NIUE Niue, AFI Afiamalu, etc.

X40A	Basin Creek Fa	0.86	206	P	Pg	17 07 17.9	-0.9
X40A	baz=26			S	Sg	17 07 29.7	-0.3
W39A	Magazine	1.15	267	P	Pb	17 07 23.5	-0.7
W39A	baz=86,SNR=147			S	Sb	17 07 39.3	+0.2
U40A	Yellville	1.15	341	P	S	17 07 23.5	-0.7
U40A	baz=160,SNR=597			S	Sb	17 07 39.0	-0.3
V39A	pettigrew	1.18	299	P	Pb	17 07 23.9	-0.7
V39A	baz=118,SNR=236			S	Sb	17 07 39.8	-0.3
MIAR	Mount Ida	1.22	234	P	Pn	17 07 24.6	-0.7
MIAR	baz=53			S	Sb	17 07 40.8	-0.2
MIAR	Mount Ida	1.22	234	ePg	Pn	17 07 24.4	-0.8
U39A	Green Forest	1.43	322	P	Pn	17 07 28.1	-0.1
U39A	baz=141,SNR=258			S	Sb	17 07 47.3	+0.1
HBAR	Harrisburg	1.44	78	ePn	Pn	17 07 27.8	-0.5
HBAR	baz=141			eSn	Sb	17 07 47.5	+0.0
Y40A	Okolona	1.45	211	P	Pn	17 07 28.6	+0.1
Y40A	baz=30			S	Sg	17 07 48.9	0.0
QUAR	Qualls	1.47	75	ePn	Pn	17 07 28.7	0.0
QUAR	baz=118			eSn	Sb	17 07 48.4	+0.1
X39A	Fountain Ranch	1.61	243	P	Pn	17 07 31.1	+0.4
X39A	baz=61			S	Sb	17 07 52.5	+0.1
V38A	Caneyhill	1.75	290	P	Pn	17 07 33.2	+0.5
V38A	baz=109,SNR=30			S	Sb	17 07 57.2	+0.7
W38A	Poteau	1.76	264	P	Pn	17 07 33.8	+1.1
W38A	baz=83,SNR=122			Sb	Sg	17 07 58.5	-0.3
T40A	Mansfield	1.89	357	P	Pn	17 07 35.5	+1.0
T40A	baz=176,SNR=82.4			S	Sb	17 08 01.0	+0.6
T39A	Cleaver	1.93	336	P	Pn	17 07 36.3	+1.2
T39A	baz=155,SNR=116			P	Pn	17 07 35.5	+0.4
Y39A	Lockesburg	1.93	227	P	Pn	17 07 35.5	+0.4
Y39A	baz=46,SNR=23			S	Sb	17 08 01.3	-0.5
SFTA	Shelby Forest	1.94	87	eSn	Pn	17 08 01.6	-0.2
SFTA	baz=125,SNR=52			Pb	Pb	17 07 37.3	+1.2
MET	Memphis-Engin	2.01	93	ePn	Pn	17 07 36.0	-0.2
DLAR	Dell	2.01	74	eSn	Pn	17 08 01.8	+0.4
GNAR	Gosnell	2.05	69	ePn	Pn	17 07 31.9	-4.8
X38A	Whitesboro	2.09	254	P	Pn	17 07 38.6	+1.2
X38A	baz=73,SNR=72			Sb	Sg	17 08 07.7	-0.8
PBMO	Poplar Bluff	2.19	46	ePn	Pb	17 07 40.4	-1.5
PBMO	baz=104,SNR=20			eSn	Sb	17 08 07.5	-1.6
V37A	Hulbert	2.33	286	P	Pn	17 07 41.9	+1.3
V37A	baz=104,SNR=20			S	Sn	17 08 11.3	+2.0
S40A	Lebanon	2.33	358	P	Pn	17 07 41.9	+1.3
T38A	Diamond	2.35	319	P	Pn	17 07 42.3	+1.4
Y38A	Idabel	2.35	236	P	Pn	17 07 41.4	+0.6
Y38A	baz=55			S	Sn	17 08 11.3	+1.5
EBZ	Ebenezer Churc	2.49	92	ePn	Pn	17 07 43.0	+0.2
EBZ	baz=36			eSn	Sb	17 08 13.9	+0.7
Z39A	Irene McRaven,	2.51	217	S	Sn	17 08 15.2	+1.5
Z39A	baz=162,SNR=103			P	Pn	17 07 44.7	+1.2
X37A	Clayton	2.54	255	P	Pn	17 07 44.9	+1.3
X37A	baz=74,SNR=27			P	Pn	17 07 45.6	+2.0
PARMO	Farma	2.55	56	ePn	Pn	17 08 15.8	+1.1
PARMO	baz=104,SNR=20			eSn	Sb	17 07 44.2	+0.4
OXF	Oxford	2.56	106	ePn	Pn	17 07 46.5	+1.3
S38A	Stockton	2.66	333	P	Pn	17 07 46.2	+0.3
GLAT	Glass	2.71	67	ePn	Pn	17 07 46.2	+0.3
T37A	Cheneyville 18	2.76	313	P	Pn	17 07 47.6	+1.1
T37A	baz=152,SNR=40			Pn	Pn	17 07 46.2	+0.3
140A	Cam and Jess,	2.80	201	S	Sn	17 08 21.3	+0.5
TUL1	Leonard	2.85	284	P	Pn	17 07 49.0	+1.2
TUL1	baz=102			eSn	Sb	17 08 23.5	+1.3
TUL1	Leonard	2.85	284	ePn	Pn	17 07 48.8	+1.1
U36A	Oologah	2.94	293	P	Pn	17 07 50.0	+0.9
U36A	baz=111			S	Sn	17 08 25.6	+1.1
Z38A	Mt. Pleasant	2.95	228	P	Pn	17 07 50.0	+1.0
V36A	Jenks	2.95	281	P	Pn	17 07 50.3	+1.2
Y37A	Hugo	2.96	245	P	Pn	17 07 50.7	+1.4
R40A	Maddies Statio	3.02	2	P	Pn	17 07 51.3	+1.2
R40A	baz=83,SNR=6.5			Pn	Pn	17 08 27.4	-0.1
139A	Bunkhouse Ranc	3.07	213	S	Sn	17 08 27.4	-0.1
139A	baz=32			Pn	Pn	17 07 52.4	+0.6
W36A	Wetumka	3.15	269	P	Pn	17 07 52.4	+0.6
R38A	Fenwick Farm,	3.16	338	P	Pn	17 07 53.4	+1.3
R38A	baz=157,SNR=12			Pn	Pn	17 07 53.3	+1.1
S37A	Fort Scott	3.17	322	P	Pn	17 08 32.2	-0.1
241A	Mo Tay, Goldon	3.27	188	S	Sn	17 08 32.2	-0.1
X36A	Centrahoma,	3.33	259	P	Pn	17 07 55.6	+1.0
X36A	baz=77			Pn	Pn	17 07 55.6	+1.0
T36A	Boggs Farm, Ca	3.35	303	P	Pn	17 08 35.9	+1.5
T36A	baz=121,SNR=7.2			S	Sn	17 07 56.6	+0.8
138A	Matatal Enter	3.44	222	P	Pn	17 08 04.7	+0.5
Y36A	Durant	3.49	248	Pb	Pb	17 08 04.7	+0.5
SIUC	Southern Illin	3.53	45	eSn	Pn	17 07 58.4	+0.8
S36A	Lake Cedric, C	3.56	314	P	Pn	17 07 60.0	+1.0
V35A	Meyer Ranch, C	3.67	279	P	Pn	17 08 42.2	-0.3
V35A	baz=96,SNR=7.5			S	Sn	17 08 00.1	+0.9
239A	Gary	3.68	209	S	Sn	17 08 00.5	+0.7
W35A	Tecumseh	3.68	270	P	Pn	17 08 44.5	+0.7
W35A	baz=97,SNR=8.3			S	Sn	17 08 01.1	+1.2
T35A	Sooner Cattle	3.73	297	P	Pn	17 08 01.1	+1.2
T35A	baz=115			S	Sn	17 08 01.1	+1.2
Q40A	Laux Farm, Aux	3.73	4	P	Pn	17 08 58.5	+3.7
Q40A	baz=184,SNR=7.1			Sb	Sb	17 08 02.3	+1.5
SLM	Saint Louis	3.78	26	eSb	Sb	17 08 02.4	+1.3
Q39A	Willow Grove F	3.80	353	P	Pn	17 08 02.7	+0.9
Q39A	baz=173,SNR=5.8			P	Pn	17 08 02.4	+1.3
Q38A	Cooks Store, C	3.82	345	P	Pn	17 08 02.7	+0.9
X35A	Drake	3.87	258	P	Pn	17 08 03.8	+1.0
X35A	baz=76,SNR=5.7			P	Pn	17 08 07.3	+0.7
R36A	Gordon, Harris	3.95	322	P	Pn	17 08 07.3	+0.7
R36A	baz=140,SNR=7.5			P	Pn	17 08 07.3	+0.7
V34A	Guthrie	4.22	279	P	Pn	17 09 14.8	-3.0
V34A	baz=96			ePn	Pn	17 09 08.0	+1.3
V34A	Guthrie	4.22	279	ePn	Pn	17 09 14.8	-3.0
P39A	Salisbury	4.22	356	P	Pn	17 08 08.0	+1.3
P39A	baz=176,SNR=5.4			P	Pn	17 08 08.0	+1.3
P40A	Paris	4.27	3	P	Pn	17 08 08.0	+1.3
P40A	baz=184,SNR=13						

237A	Washetta, Mont	4.33	222	P	Pn	17 08 08.9	+0.8
237A	baz=40			ePn	Pn	17 08 08.9	+0.6
U34A	Anderson Ranch	4.34	287	ePn	Pn	17 08 12.2	+1.0
U34A	baz=183,SNR=6.6			ePb	Pb	17 08 12.2	+1.0
W34A	Bridge Creek,	4.41	271	eSb	Sb	17 09 21.3	-2.5
W34A	baz=183,SNR=6.3			eSg	Sg	17 08 11.4	+0.7
S34A	Willow Spring	4.52	304	P	Pn	17 08 13.0	+1.3
S34A	baz=121			P	Pn	17 08 12.9	+1.0
P37A	Lathrop	4.59	341	P	Pn	17 08 13.3	+1.1
P37A	baz=121,SNR=5.3			P	Pn	17 08 17.2	+1.4
338A	Crockett	4.60	213	P	Pn	17 08 17.3	+1.0
338A	baz=31			P	Pn	17 08 17.3	+1.0
Q35A	Mercer Eighty,	4.62	322	P	Pn	17 08 17.3	+1.0
Q35A	baz=140,SNR=1.1			P	Pn	17 08 17.3	+1.0
P36A	Good Intent, A	4.89	334	P	Pn	17 08 17.3	+1.0
P36A	baz=152,SNR=6.2			P	Pn	17 08 17.3	+1.0
Q38A	Galt	4.92	350	P	Pn	17 08 17.9	+0.8
Q38A	baz=70,SNR=6.9			P	Pn	17 08 17.9	+0.8
R34A	Isabella, Hill	4.94	309	P	Pn	17 08 17.9	+0.8
R34A	baz=126,SNR=10			P	Pn	17 08 17.9	+0.8
Q39A	Kirkville	4.98	359	P	Pn	17 08 17.9	+0.8
Q39A	baz=178			P	Pn	17 08 17.9	+0.8
LRAL	Lakeview Retre	4.99	115	eSb	Sb	17 08 34.5	+2.9
KSU1	Kansas State U	5.10	320	ePb	Pb	17 09 11.1	-4.9
KSU1	baz=183,SNR=6.4			P	Pn	17 08 22.6	+1.5
WMOK	Wichita Mounta	5.28	266	ePn	Pn	17 08 22.6	+1.5
WMOK	baz=183,SNR=6.4			eSb	Sb	17 08 21.7	+0.5
SWET	Sewanee	5.28	89	ePn	Pn	17 08 21.7	+0.5
SWET	baz=172			eSb	Sb	17 08 22.4	+0.4
WHTX	Lake Whitney,	5.34	234	ePn	Pn	17 08 22.4	+0.4
P34A	Walnut Farm, R	5.55	322	P	Pn	17 08 25.1	+0.2
P34A	baz=139,SNR=8.4			P	Pn	17 08 26.8	+0.7
Z33A	Whitaker Ranch	5.64	251	P	Pn	17 08 26.8	+0.7
Z33A	baz=68,SNR=5.1			Sg	Sg	17 08 26.8	+0.7
WCI	Wyandotte Cave	5.71	57	eSb	Sg	17 08 26.8	+0.7

IDC 16 17:23:22.5:3.6, 15:30N:97:89W, h0km, mb4.0/5, mb1 4.4/6, mb1mx3.9/39, mbtmp4.0/6, ML4.2/1, MS3.8/4, Ms1 3.9/4, ms1mx3.2/32, Error ellipse: s-maj=116.5km
 s-min=63.4km az=61.0
 ISCJB 16 17:23:22.8:2.4, 15:30N:0:10:98:45W:0:05, h15km, 13km, mb4.3/9, MS3.8/3, Error ellipse: s-maj=16.2km s-min=7.6km az=2.8
 NEIC 16 17:23:26.7:1.1, 15:33N:98:56W, h16km, mb4.6/13, MD4.2(MEX), After MEX.
 MEX 16 17:23:26.7:1.1, 15:33N:98:56W, h16km, 40km, MD4.2
 ISC 16 17:23:25.4:2.3, 15:46N:0:08:98:52W:0:04, h7km, 12km, n101, c156/99, mb4.5/9, MS3.8/3, Off coast of Guerrero

Code	Station Name	Δ°	AZ°	Op	Phase ID	Time	Res
						h m s	ISC
PNIG	Pinotepa	1.00	22	eP	Pg	17 23 43.8	-1.0
PNIG	Pinotepa	1.00	22	eP	Sg	17 23 57.9	-0.7
PNIG	Pinotepa	1.00	22	eP	Pb	17 23 43.8	-1.0
PNIG	Pinotepa	1.00	22	eP	Sb	17 23 57.9	-0.7
TLIG	Tiapa	2.09	359	eP	Pn	17 24 00.5	-0.6
TLIG	Tiapa	2.09	359	ePn	Pn	17 24 00.3	-0.9
CAIG	El Cayaco	2.31	314	eP	Pn	17 24 01.4	-2.6
CAIG	El Cayaco	2.31	314	eP	Sn	17 24 29.3	-3.3
HUIG	Huatulco	2.34	82	eP	Pn	17 24 02.3	-2.1
HUIG	Huatulco	2.34	82	eP	Sn	17 24 30.8	-2.8
HUIG	Huatulco	2.34	82	eP	Pn	17 24 02.3	-2.1
HUIG	Huatulco	2.34	82	eP	Sn	17 24 30.8	-2.8
VHO	Vista Hermosa	2.35	47	eP	Pn	17 24 01.1	-0.6
VHO	Vista Hermosa	2.35	47	eP	Sn	17 24 32.5	-1.4
VHO	Vista Hermosa	2.35	47	eP	Pn	17 24 01.1	-0.6
VHO	Vista Hermosa	2.35	47	eP	Sn	17 24 32.5	-1.4
PLIG	Platanillo	3.06	342	eP	Pn	17 24 46.8	-4.7
PLIG	Platanillo	3.06	342	eP	Sn	17 24 14.8	+0.3
PLIG	Platanillo	3					

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like HNR Honiara, HNR 20nm, DZM Mont Dzumac, etc.

ISC 16 18:09:27.40.6.33.94S:72:32W, h0km, mb4.5/9, mb1 4.6/11, mb1mx4.4/29, mbmp4.5/11, ML4.4/2, MS3.7/4, Ms1 3.7/4, ms1mx3.4/26, Error ellipse: s-maj=25.5km s-min=16.8km az=85.0

ISC/JB 16 18:09:28.10.5.33.95S:0:03:72:60W, 0.06, h17km, mb4.8/15, MS3.7/2, Error ellipse: s-maj=7.3km s-min=6.9km az=116.4

GUC 16 18:09:28.0.4.33.93S:72:46W, h10km, ML4.8, NEIC 16 18:09:32.1.2.8.33.90S:72:33W, h30km, 19km, mb4.8/4, ML4.8(GUC), Error ellipse: s-maj=15.1km s-min=7.4km az=89.0

NEIC Felt [III] at Navidad and Pichilemu and [II] at Quillota and Valparaiso. ISC 16 18:09:30.10.5.33.96S:0:04:72:37W, 0.07, h17km, n52, a19155, mb4.8/15, 2C-2D, Off coast of central Chile

Main table of station data with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like CHPI Pichilemu, NCHI Los Niches, ANTU Antupapu, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like KURSB Kurchatov, KURK Kurchatov, ZALV Zalesovo Beam, etc.

ISC 16 18:12:51.8.1.4.62.94N:149:71W, h66km, 21km, ms3 3/3, mb1 3.8/7, mb1mx3.4/67, mbtmp3.9/77, MS3.1/1, ms1mx2.7/27, Error ellipse: s-maj=25.8km s-min=9.7km az=115.0

ISC/JB 16 18:12:52.8.0.2.62.99N:0:02:149:64W, 0.05, h99km, 3km, mb3.6/3, Error ellipse: s-maj=3.8km s-min=3.2km az=21.2

NEIC 16 18:12:54.0.62.99N:149:69W, h88km, MG3.6(AEIC), After AEIC, NEIC Felt at Cantwell

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like HUR Hurricane, TRF Thorfare Moun, RND Reindeer, etc.

Main table of station data with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like ILAR 36nm, KLU Klutina, PKW Port Wells, etc.

Main table of station data with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like CEP Cherat, THW Thamme Wali, CHCP Chitai Chowk, etc.

Table with columns: YAK, YAKUTSK, TORODI AR BEA, TORODI, WARRAMUNGA ARR, ASAR. Includes station names, coordinates, and time/res data.

DDA 16:19:27.13.9, 37.86N-27.34E, h7km, Md2.6
ISCJJB 16:19:27.15.0, 0.6, 37.90N-0.03, 27.30E, 0.03, h5km, 5km,
Error ellipse: s-maj=5.3km s-min=4.4km az=21.9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like GCAM, AYDB, AYDN, etc.

GUC 16:19:28.14.2, 0.6, 34.41S, 72.13W, h37km, 4km, ML3.7, 3C,
Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like NICH, TACH, RCDM, etc.

DDA 16:19:52.40.8, 39.94N-29.41E, h7km, Md2.6
ISK 16:19:52.40.5, 39.92N-29.33E, h17km, Md2.2
CSEM 16:19:52.41.1, 0.1, 39.93N-29.42E, h2km, MD2.6, Error

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like ULDT, IGD, IZI, etc.

ISCJJB 16:20:00.09.3, 1.0, 6.81N, 0.04, 73.10W, 0.06, h152km, 8km,
Error ellipse: s-maj=10.7km s-min=5.4km az=25.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like BARC, BTLC, GIRC, etc.

Table with columns: NORC, NORCASIA, CHINGAZA, VIGV, SOCV, TOLIMA, VILLALBA DE ROSA, VIRV. Includes station names and coordinates.

DDA 16:20:04.00.2, 34.29N-26.00E, h24km, Md3.3
IDC 16:20:04.07.0, 9.3, 34.89N-26.45E, h0km, m3.8/11,
mb1 3.715, mb1 mx3.650, mb3m3.715, ML3.4/4, Error

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

ISC 16:20:04.11.8, 34.89N-26.31E, h22km, 1km, ML3.4/7, Error
elliptic: s-maj=3.1km s-min=1.0km az=264.0, Analyst:
Agalos ML Amplitudes are expressed in micrometres All

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like ZKR, KZR, NPS, etc.

ISC 16:20:04.11.2, 34.89N-26.35E, h32km, ML3.1
ISC 16:20:04.09.8, 1.1, 34.89N, 0.05, 26.38E, 0.03, h17km, 6km,
n116, c1927/148, mb3.7/11, Crete

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

ISC 16:20:08.32.4, 1.1, 50.14N, 125.57W, h0km, mb2.7/2,
mb1 3.4/5, mb1 mx3.249, mb3m3.05, ML3.5/3, MS3.4/1,
Ms1 3.4/1, ms1 mx2.7/13, Error ellipse: s-maj=21.5km

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

ISC 16:20:15.33.6, 37.32N-37.02E, h2km, MD2.9
ISCJJB 16:20:15.34.4, 0.4, 37.31N-0.02, 37.05E, 0.03, h10km, 3km,
Error ellipse: s-maj=4.5km s-min=3.3km az=36.2

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

Table with columns: VLI, VELIAI, GOLHISAR, GOLHISAR, CHOS, CHOS ISLAND, BLCB, BALCOVA, KRND, KRANDI, CHOS, CHOS ISLAND, BLCB, BALCOVA, KRND, KRANDI, DID, DID, MANT, MANT, MANT, MANT, KULA, KULA-MANISA, KULA, KULA-MANISA, PYL, PYL, ITM, ITM, KHAL, KARAHALLI, KHAL, KARAHALLI, SIGR, SIGRI, SIGR, SIGRI, GAZI, GAZIPASA, GAZI, GAZIPASA, KERK, KONYA-EGRELI, KERK, KONYA-EGRELI, BRTR, KEKIN ARRAY B, BRTR. Includes station names and coordinates.

DDA 16:20:08.32.4, 1.1, 50.14N, 125.57W, h0km, mb2.7/2,
mb1 3.4/5, mb1 mx3.249, mb3m3.05, ML3.5/3, MS3.4/1,
Ms1 3.4/1, ms1 mx2.7/13, Error ellipse: s-maj=21.5km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like NEW, NEWPORT, IS65, PDAR, DLBC, IHOCA, YKA, ULM, ANMO, ILAR, TXAR, etc.

ISC 16:20:15.33.6, 37.32N-37.02E, h2km, MD2.9
ISCJJB 16:20:15.34.4, 0.4, 37.31N-0.02, 37.05E, 0.03, h10km, 3km,
Error ellipse: s-maj=4.5km s-min=3.3km az=36.2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like HCB, AYKD, KMRS, KAMR, KAMA, GZT, KUZU, AKUD, DRWC, etc.

ISC 16:20:15.34.0, 8.3, 37.30N-37.06E, h2km, MD3.0, Error
elliptic: s-maj=4.1km s-min=3.4km az=122.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like HCB, AYKD, KMRS, KAMR, GZT, KUZU, AKUD, DRWC, etc.

16d 21h

Table with columns: MDJ, Mudanjiang, 80.23 325, P, P, 21 45 49.9 +1.4, etc. Lists various locations and their associated data points.

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Table with columns: SNOW, Snow King Mount, 87.83 42, eP, P, 21 46 28.5 +1.6, etc. Lists various locations and their associated data points.

816

Table with columns: DGMT, Dagmar, 94.20 40, P, P, 21 46 57.5 +1.6, etc. Lists various locations and their associated data points.

16d 23h

Table with columns: ID, Name, Azimuth, Magnitude, Phase, Time, Residual. Includes stations like Galt, Isabella Hill, Lakeview Retire, Collier Ranch, Vickers Place, Caddo, Fort Co, Wolfen Farm, Kansas State U, Chapman, Sam Houston St, etc.

WEL 16 21:46:52.9±0.4, 36°19'S x 177.69°E, h114km, 4km, ML3.5/1.1, 3C-4D, Error ellipse: s-maj=5.2km s-min=4.3km az=90.0, Or east coast of North Island

Table with columns: Code, Station Name, Azimuth, Magnitude, Phase, Time, Residual. Includes stations like MXZ, HAZ, PKGZ, WMGZ, PUKETITI, Urewera, etc.

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Table with columns: Station Name, Azimuth, Magnitude, Phase, Time, Residual. Includes stations like Pukenui, Tokapara Road, Parangahau, etc.

JMA 16 22:14:11.2±0.2, 21°53'N x 123°13'E, h48km, M3.5, Southeast of Taiwan

Table with columns: Code, Station Name, Azimuth, Magnitude, Phase, Time, Residual. Includes stations like HATU, HATU, HATU, etc.

IASPEI 16 22:16:31.0±1.0, 39°45'N x 102°33'04"E, h10km, 6km, Error ellipse: s-maj=4.6km s-min=3.5km az=121.0, GT5 selection from ISC bulletin GT5 identified by Bond jr and McLaughlin (2009) selection criteria Bond jr and McLaughlin, A new ground truth data set for seismic studies, Seism. Res. Let., <80, 465-472, 2009

DDA 16 22:16:30.4, 39°42'N x 102°33'07"E, h2km, Md2.9, Error ellipse: s-maj=4.7km s-min=3.8km az=113.0, CSEM 16 22:16:31.1±0.2, 39°44'N x 102°33'04"E, h1km, 2km, MD2.8, Error ellipse: s-maj=4.7km s-min=3.8km az=113.0, ISC 16 22:16:31.3±0.3, 39°44'N x 102°33'05"E, h9km, 5km, h12, 0572/59, Turkey

Table with columns: Code, Station Name, Azimuth, Magnitude, Phase, Time, Residual. Includes stations like AFSR, BBAL, KULU, etc.

ISCJB 16 22:30:12.9±0.5, 20°18'S x 104°69'22"W, 0.1, h113km, 7km, mb3.7/4, Error ellipse: s-maj=16.5km s-min=6.3km az=176.3

GUC 16 22:30:14.6±0.5, 20°20'S x 69°31'W, h99km, 4km, ML4.1, IDC 16 22:30:15.3±1.1, 19°92'S x 68°99'W, h107km, 7km, mb3.5/6, mb1 3.6/7, mb1mx3.4/31, mbtmp3.7/7, Error ellipse: s-maj=29.9km s-min=24.1km az=121.0, ISC 16 22:30:13.7±0.8, 20°18'S x 105°69'23"W, 0.10, h107km, 7km, n16, 0996/26, mb3.9/4, 5C-3D, Northern Chile

Table with columns: Code, Station Name, Azimuth, Magnitude, Phase, Time, Residual. Includes stations like PB11, HMBC, PBO1, PSGC, PATC, etc.

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Table with columns: ID, Name, Azimuth, Magnitude, Phase, Time, Residual. Includes stations like BDFB, PTGA, DBIC, TORO, etc.

IDC 16 22:31:15.0±0.2, 20°48'N x 122°15'E, h0km, mb3.5/4, mb1 3.6/4, mb1mx3.3/59, mbtmp3.5/4, Error ellipse: s-maj=157.7km s-min=24.2km az=65.0, ISCJB 16 22:31:15.4±1.0, 24°03'N x 122°14'E, 0.05, h3km, 5km, mb3.3/4, Error ellipse: s-maj=7.8km s-min=5.3km az=1.6, TAP 16 22:31:16.0, 24°9'N x 122°01'E, h2km, 1km, ML2.9, D, ISC 16 22:31:16.1±1.5, 24°88'N x 122°12'E, 0.07, h7km, 8km, n36, 081/48, mb3.3/4, Taiwan region

Table with columns: Code, Station Name, Azimuth, Magnitude, Phase, Time, Residual. Includes stations like EGS, TWC, TWE, TWA, ENTT, TAP1, ENA, TWS1, TWSI, NSK, NNS, TWC, WHF, TWQ1, SMLT, TYC, EHY, TWF1, ALS, CHN5, CHN5, ELDTW, CHN4, STYT, STYT, WTP, TWK, CHN1, SGST, EAST, SONM, MKAR, ZALV, WRA, etc.

IDC 16 22:36:21.3±8.0, 14°26'S x 167°10'E, h136km, 73km, mb3.7/4, mb1 3.8/5, mb1mx3.3/42, mbtmp4.0/5, Error ellipse: s-maj=62.4km s-min=34.8km az=166.0, Vanuatu Islands (CER1)

Table with columns: Code, Station Name, Azimuth, Magnitude, Phase, Time, Residual. Includes stations like DZM, STKA, WRA, ASAR, etc.

ISCJB 16 23:05:52.7±0.8, 35°25'N x 102°92'32"W, 0.03, h1km, 5km, Error ellipse: s-maj=4.7km s-min=3.6km az=32.6, NEIC 16 23:05:54.0, 35°26'N x 92°36'W, h5km, MD2.5 (CER1), After (CER1)

NEIC Feb1 Greenbrier, ISC 16 23:05:52.9±1.4, 35°24'N x 102°92'34"W, 0.03, h2km, 11km, n34, 129/51, Arkansas

Table with columns: Code, Station Name, Azimuth, Magnitude, Phase, Time, Residual. Includes stations like UALR, W40A, W40A, W40A, etc.

16d 23h

Table with columns for station code, frequency, power, and signal strength. Includes stations like DL2, S, Sn, and various regional codes.

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Table with columns for station code, frequency, power, and signal strength. Includes stations like CD2, MYLDM, SDKM, and various regional codes.

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Table with columns for station code, frequency, power, and signal strength. Includes stations like GTA, ULN, LAMP, and various regional codes.

HAWK	Haweek	77.33 302	eP	P	23 56 58.5	-7.2
HAWK	Haweek		eP	pP	23 57 05.0	-7.6
BR101	Keskin Array S	77.34 308	eP	P	23 57 06.2	+0.5
BR131	Keskin Array B	77.34 308	eP	P	23 57 06.3	+0.6
BRTR	Keskin Array S	77.34 308	eP	P	23 57 06.2	+0.5
comp=-2.60nm,0.8s,baz=94,slow=5.2,SNR=270						
BRTR		LR	LR		00 35 57.5	
comp=Z,246nm,18.1s,baz=70,slow=39						
NSS	Namsos	77.35 337	eP	P	23 57 04.8	-0.3
NSS			eP	IAMB	23 57 05.8	
comp=Z,28nm,0.7s						
KAMT	Kaman	77.43 308	eP	P	23 57 06.0	-0.1
SORM	Soroca	77.43 317	iP	P	23 57 05.4	-0.4
GULA	Galagac	77.45 307	eP	P	23 57 07.2	+0.9
MARH	Ras Al Marh	77.46 302	eP	P	23 57 07.9	+1.2
KIS		77.62 316	iP	P	23 57 10.0	+3.1
comp=Z,100nm,1.0s						
KIS				LRM	MLR	00 35 44.0
comp=Z,2um,16.0s						
KIS	Kishinev	77.62 316	iP	P	23 57 10.0	+3.1
KIS				pmax	pmax	
comp=Z,200nm,1.0s						
KIS				MLR	MLR	
comp=Z,2um,17.0s						
KIS				MLR	MLR	
comp=Z,2um,16.0s						
MILM	Milestii Mici	77.65 316	iP	P	23 57 07.1	0.0
TOTH	TOTAH	77.76 301	eP	P	23 57 07.5	-0.6
SALA	Sala	77.78 300	eP	P	23 57 03.7	-4.7
SUW	Suwalki	77.78 324	eP	P	23 57 08.2	+0.5
SUW	Suwalki	77.78 324	eP	P	23 57 08.2	+0.5
comp=Z,200nm,0.0s						
AFSR	Af ar-Bala (A	77.86 308	eP	P	23 57 11.4	+2.8
ANTO	Ankara	77.88 308	eP	P	23 57 09.4	+0.8
ANTO				SNR=16		
ANTO	Ankara	77.88 308	eP	P	23 57 09.5	+0.8
ANTO				comp=Z,58nm,0.8s		
ANTO	Ankara	77.88 308	eP	P	23 57 09.5	+0.8
ANTO				pmax	pmax	
comp=Z,58nm,0.8s						
BR231	Keskin MP Arra	77.91 308	eP	P	23 57 09.6	+0.7
SULT	Sultanhani-AKS	78.03 307	eP	P	23 57 09.2	-0.4
YESY	Yesilyurt	78.03 306	eP	P	23 57 10.4	+0.8
KULL	Kulu	78.06 308	eP	P	23 57 09.5	0.0
BRBR	Barbar	78.11 301	eP	P	23 57 10.3	+0.1
LEOM	Leova	78.19 316	iP	P	23 57 10.8	+0.7
CHBY	Cihanbeyli	78.33 307	eP	P	23 57 10.3	-0.9
TCHB	Talchebab	78.39 301	eP	P	23 57 12.3	+0.8
URZ	Urewha	78.49 143	eP	P	23 57 10.0	-1.7
comp=Z,6nm,0.5s,baz=29,slow=7.1,SNR=4.0						
TBLU	Trondheim	78.71 336	eP	P	23 57 11.9	-0.8
TBLU				IAMB	IAMB	23 57 13.6
comp=Z,20nm,0.7s						
YKA	Yellowknife Ar	78.71 25	P	P	23 57 13.6	+0.9
YKA	Yellowknife Ar			comp=Z,16nm,0.7s,baz=302,slow=5.4,SNR=269		
YKA				PKKpbc	PKKpbc	00 16 04.6
YKA	Yellowknife Ar	78.71 25	eP	P	23 57 13.6	+0.9
YKB5	Yellowknife Ar			ePKKpbc	PKKpbc	
MDUB	Mudurnu	78.75 309	eP	P	23 57 13.7	+0.2
LADR	Carcalui	78.82 315	iP	P	23 57 13.6	0.0
CFK	Ladik-KONYA	78.86 307	eP	P	23 57 13.6	-0.5
FOZ	Xoz Glacier	78.90 151	eP	P	23 57 14.4	+0.6
comp=Z,39nm,0.9s						
KIZT	Kizilca	78.93 308	eP	P	23 57 14.1	-0.5
THZ	Tophouse	78.94 148	eP	P	23 57 13.8	-0.4
comp=Z,32nm,0.8s						
TIRR	Tirgusor	78.95 314	eP	P	23 57 14.5	+0.2
TIRR				comp=Z,65nm,1.3s		
TIRR	Tirgusor	78.95 314	eP	P	23 57 14.5	+0.2
TIRR				pmax	pmax	
comp=Z,66nm,1.3s						
SVRH	Sivrihisar-ESK	78.95 308	eP	P	23 57 15.6	+1.0
KONT	Konya Tatoy	78.97 307	eP	P	23 57 15.1	-1.0
PRAR	RASCA	79.06 317	iP	P	23 57 15.5	+0.6
GIRR	Girov	79.07 317	iP	P	23 57 15.6	+0.6
PETR	Petresti	79.16 316	iP	P	23 57 17.3	+1.9
HARR	Harsova	79.16 314	iP	P	23 57 14.7	-0.8
TEGR	Tescani	79.17 316	iP	P	23 57 16.3	+0.5
LFRK	Lefkose	79.20 304	eP	P	23 57 16.3	+0.3
GULT	Gulveren	79.25 310	eP	P	23 57 17.1	+0.9
LVV	L'vov	79.25 320	eP	P	23 57 16.0	+0.1
NC405	NORSAR Array S	79.40 334	eP	P	23 57 16.5	0.0
VRI	Vriocioia	79.41 316	eP	P	23 57 17.9	+1.0
VRI	Vriocioia	79.41 316	eP	P	23 57 18.3	+1.4
PSN	Preselentsi	79.43 313	iP	P	23 57 17.7	-0.7
GRER		79.47 315	iP	P	23 57 19.8	+2.6
NC303	NORSAR Array S	79.47 334	eP	P	23 57 16.7	-0.2
MAMC	Mammari	79.47 304	eP	P	23 57 18.0	+0.6
CSS	Mathiatis	79.48 304	eP	P	23 57 17.3	-0.2
CSS	Mathiatis	79.48 304	eP	P	23 57 18.5	+1.0
CSS	Mathiatis	79.48 304	eP	P	23 57 17.7	+0.2
CSS	Mathiatis	79.48 304	eP	P	23 57 17.7	+0.2
comp=Z,23nm,0.7s						
MSAB	Monastery St. A	79.49 314	iP	P	23 57 18.1	+0.8
BUR0	Bucovina Ar. S	79.51 318	iP	P	23 57 18.1	+0.8
BURAR	Bucovina Array	79.55 318	iP	P	23 57 18.7	+1.0
BUR04	Bucovina Ar. S	79.56 318	eP	P	23 57 18.1	+0.3
RPZ	Rata Peaks	79.59 150	eP	P	23 57 17.5	-0.1
comp=Z,50nm,0.8s						
NB201	NORSAR Array S	79.61 334	eP	P	23 57 17.7	+0.1
NB2	NORSAR Subarra	79.64 334	eP	P	23 57 17.5	-0.4
comp=Z,32nm,0.6s,baz=52,slow=5.6						
NB2	NORSAR Subarra	79.64 334	eP	P	23 57 17.5	-0.4
baz=52,slow=5.6						
NB20A	NORSAR Array S	79.64 334	eP	P	23 57 17.5	-0.4
NB20A	NORSAR Array B	79.64 334	eP	P	23 57 17.5	-0.4
comp=Z,29nm,0.7s,baz=52,slow=5.3,SNR=101						
NOA				LR	LR	00 37 20.9
comp=Z,1um,18.1s,baz=60,slow=39						
KULLO	Kullorsuaq	79.66 2	iP	P	23 57 16.6	-1.0
KULLO				comp=Z,46nm,0.9s		
KULLO	Kullorsuaq	79.66 2	iP	P	23 57 16.6	-1.0
KULLO				pmax	pmax	
comp=Z,46nm,0.9s						
PGOR	Pogoanele	79.67 315	iP	P	23 57 20.2	+1.9
NC204	NORSAR Array S	79.68 334	eP	P	23 57 18.0	-0.1
NC602	NORSAR Array S	79.69 334	eP	P	23 57 17.9	-0.2
NC602				IAMB	IAMB	23 57 18.1
comp=Z,26nm,1.1s						
LBZ	Lake Benmore	79.74 151	eP	P	23 57 18.9	+0.5
comp=Z,26nm,0.9s						
OXZ	Oxford	79.74 149	eP	P	23 57 18.1	-0.3
comp=Z,156nm,0.4s						
LEF	Lefka	79.74 304	eP	P	23 57 19.3	+0.5
NB002	NORSAR Array S	79.78 334	eP	P	23 57 18.2	-0.4
JOSR	Joseni	79.78 317	iP	P	23 57 20.6	+1.6
NB000	NORSAR Array S	79.82 334	eP	P	23 57 18.7	-0.1
ISR	Istria	79.86 315	iP	P	23 57 21.0	+1.6
DOMB	Dombas	79.88 335	eP	P	23 57 19.5	+0.4
DOMB				IAMB	IAMB	23 57 19.8
comp=Z,4.1nm,0.7s						
NAO01	NORSAR Array S	79.89 334	eP	P	23 57 19.0	-0.2
SZAC	Souni	79.90 304	eP	P	23 57 20.7	+0.9
ALFC	Alefkia	79.92 304	eP	P	23 57 20.4	+0.4
ISK	Istanbul-Kandi	79.98 311	eP	P	23 57 19.3	-0.7
SHUT	Shuhut-Afyon	80.01 308	eP	P	23 57 21.2	+0.8
MLR	Muntele Rosu	80.07 316	eP	P	23 57 21.2	+0.6
comp=Z,11nm,0.8s,baz=328,slow=4.6,SNR=51						
MLR	Muntele Rosu	80.07 316	eP	P	23 57 21.4	+0.8
MLR	Muntele Rosu	80.07 316	eP	P	23 57 20.2	-0.4
comp=Z,73nm,1.1s						
MLR	Muntele Rosu	80.07 316	eP	P	23 57 20.2	-0.4
MLR				pmax	pmax	
comp=Z,73nm,1.1s						
KWP	Kalwaria Pacla	80.09 321	eP	P	23 57 21.7	+1.2
KWP	Kalwaria Pacla	80.09 321	iP	P	23 57 21.4	+0.9
KWP	Kalwaria Pacla	80.09 321	eP	P	23 57 21.7	+1.2
BEL	Belsk	80.09 323	eP	P	23 57 21.5	+1.1
BEL	Belsk	80.09 323	eP	P	23 57 21.5	+1.1
comp=Z,200nm,0.9s						
PRD	Provincia	80.16 313	iP	P	23 57 21.8	+0.9
HRFI	Mount Harif	80.17 299	eP	P	23 57 20.2	-1.1
SECR		80.19 315	iP	P	23 57 22.6	+1.4
DOPR	Dopca	80.20 316	iP	P	23 57 22.0	+0.8
SULR		80.24 315	iP	P	23 57 22.8	+1.5
CTKS	Kestanelik-?za	80.28 311	eP	P	23 57 19.7	-1.9
ARCX	ARCALIA	80.32 318	iP	P	23 57 23.4	+1.6
KZMT	Kziot	80.32 300	eP	P	23 57 22.1	-0.9
ARMT	Armutu	80.33 310	eP	P	23 57 22.6	+0.6
EIL	Elat	80.39 298	eP	P	23 57 23.2	+0.7

TVSB	Tavsanli	80.40 309	eP	P	23 57 23.7	+1.2
OSL	Oslo	80.49 333	eP	IAMB	23 57 22.9	+0.6
OSL			IAMB		23 57 23.1	
comp=Z,60nm,0.6s						
AKN	Aaknes	80.56 336	eP	IAMB	23 57 23.4	+0.6
AKN				IAMB	23 57 24.6	
comp=Z,34nm,0.8s						
BMR	Baia Mare	80.56 319	iP	P	23 57 24.4	+1.4
VOIR	Voiron	80.65 316	iP	P	23 57 24.2	+0.5
KOLS	Kolonické sedl	80.68 320	eP	P	23 57 24.3	+0.6
KOLS	Kolonické sedl	80.68 320	eP	P	23 57 24.3	+0.6
comp=Z,13nm,0.9s						
UZH	Uzhgorod	80.81 320	eP	P	23 57 22.5	-1.8
UZH				eS	00 07 25.5	-5.8
UZH				MLR	MLR	
comp=N,1um,17.0s						
UZH				MLR	MLR	
comp=E,2um,17.0s						
UZH				MLR	MLR	
comp=Z,1um,17.0s						
KORT	Korkuei	80.82 307	iP	P	23 57 24.6	-0.2
KORT	Korkuei	80.82 307	iP	P	23 57 24.6	-0.2
KHAL	Karahalli	80.84 308	eP	P	23 57 24.9	0.0
KHAL	Karahalli	80.84 308	eP	P	23 57 24.9	0.0
ARR	Arges	80.94 316	iP	P	23 57 26.5	+1.3
CJR	Cluj-Napoca	80.95 318	iP	P	23 57 26.8	+1.6
JMB	Yambol	81.02 313	iP	P	23 57 26.2	+0.6
STHS	Stebnicka Huta	81.03 321	eP	P	23 57 26.7	+1.1
STHS	Stebnicka Huta	81.03 321	eP	P	23 57 26.7	+1.1
comp=Z,14nm,1.2s						
SZH	Sztrazhica	81.08 314	iP	P	23 57 25.9	0.0
HUMR	Humele	81.12 315	iP	P	23 57 26.5	+0.4
KONO	Kongsberg	81.12 333	eP	IAMB	23 57 25.9	+0.1
KONO				IAMB	23 57 25.9	
comp=Z,79nm,1.3s						
CRVS	Cervenica-Dubn	81.16 320	eP	P	23 57 27.5	+1.3
CRVS	Cervenica-Dubn	81.16 320	eP	P	23 57 27.5	+1.3
EDMT	Edinara Adasi	81.18 311	eP	P	23 57 26.3	-2.7
EDMT	Edinara Adasi	81.18 311	eP	P	23 57 26.3	-2.7
UZP	Denizli	81.21 308	iP	P	23 57 26.8	0.0
SUMG	Summit	81.33 356	iP	P	23 57 28.4	+1.2
comp=Z,79nm,0.7s						
SUMG	Summit	81.33 356	eP	P	23 57 28.2	+1.1
comp=Z,41nm,0.7s						
SUMG	Summit	81.33 356	iP	P	23 57 28.4	+1.2
SUMG				pmax	pmax	
comp=Z,79nm,0.7s						
KULA	Kula	81.36 309	eP	P	23 57 25.0	-2.6
BSD	Bornholm Skovb	81.38 328	iP	P	23 57 27.9	+0.7
BSD	Bornholm Skovb	81.38 328	eP	P	23 57 27.9	+0.7
BALB	Balikesir	81.41 310	eP	P	23 57 27.3	-0.4
OJC	Ojcow	81.44 322	eP	P	23 57 28.6	+0.9
OJC	Ojcow	81.44 322	eP	P	23 57 28.4	

16d 23h

Table with columns for station call letters, station name, frequency, power, and other technical details. Includes stations like VTHM Trough, AGG Agios Georgios, GEC2 GERESS Array S, etc.

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Table with columns for station call letters, station name, frequency, power, and other technical details. Includes stations like BOZ Bozeman (W), BOZ Bozeman (W), BOZ Bozeman (W), etc.

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Table with columns for station call letters, station name, frequency, power, and other technical details. Includes stations like PFO Pinyon Flats O, A30A comp=Z,40nm,1.0s, ULM Lac du Bonnet, etc.

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
I30A	Oacoma	97.81	33	P	Pdf	23 58 46.5 +0.2
F34A	5 Mile Ranch	97.83	30	P	Pdf	23 58 46.4 +0.2
213A	Organ Pipe Nat	98.00	49	P	Pdf	23 58 48.9 +1.6
C37A	Embarrass	98.08	26	P	Pdf	23 58 47.5 +0.2
E35A	Pequot Lakes	98.09	28	P	P	23 58 47.3 -0.1
D36A	Goodland	98.12	27	P	P	23 58 47.3 -0.2
EYMN	Ely	98.17	26	P	Pdf	23 58 47.7 0.0
EYMN	Ely	98.17	26	eP	Pdf	23 58 48.2 +0.5
J30A	Dallas	98.22	33	P	Pdf	23 58 48.4 +0.4
Q24A	Divide	98.30	39	P	P	23 58 48.7 -0.2
D37A	Cotton	98.44	27	P	Pdf	23 58 49.4 +0.5
C38A	Sawbill Land	98.45	26	P	Pdf	23 58 49.6 +0.6
SCHO	Schefferville	98.49	9	P	P	23 58 48.6 -0.4
SCHO	Schefferville	98.49	9	eP	P	23 58 48.6 -0.4
E36A	McGregor	98.61	28	Pdf	Pdf	23 58 50.2 +0.5
ODGO	Ogallala	98.64	36	Pdf	Pdf	23 58 50.1 0.0
SCNE	Great Sand Dun	98.92	40	ePKKPdf	PKKPdf	10 05 26.0 +5.0
TUCO	Tucson	99.14	47	Pdf	Pdf	23 58 53.5 +1.0
ANMO	Albuquerque	100.22	43	eP	Pdf	23 59 00.7 +3.3
ANMO	Albuquerque	100.22	43	eP	Pdf	23 59 00.7 +3.3
Q29A	Oakley	100.67	37	Pdf	Pdf	23 58 59.1 0.0
I38A	Scanlan Farm	100.98	29	Pdf	Pdf	23 59 00.3 0.0
Q30A	Quinter	101.02	37	Pdf	Pdf	23 59 00.7 0.0
ESDC	Sonaca Array	101.05	324	P	P	23 59 00.7 -0.1
P31A	Stockton	101.07	36	Pdf	Pdf	23 59 00.9 0.0
S35A	Otter Creek Ra	104.04	35	Pdf	Pdf	23 59 14.7 +0.6
U34A	Anderson Ranch	104.33	37	Pdf	Pdf	23 59 15.3 0.0
Q39A	Willow Grove F	104.65	32	Pdf	Pdf	23 59 16.9 +0.2
T36A	Boogs Farm, Ca	104.74	35	Pdf	Pdf	23 59 17.3 +0.2
S37A	Fort Scott	104.74	34	Pdf	Pdf	23 59 17.6 +0.4
Q40A	Laux Farm, Aux	105.12	32	Pdf	Pdf	23 59 18.7 -0.1
TXAR	Lajitas Array	105.73	46	Pdf	Pdf	23 59 22.2 +0.3
TXAR	comp-Z, 0.5nm, 0.7s, baz=238, slow=1.7, SNR=4.2			PKKP	PKKP	00 03 37.4 0.0
TXAR	comp-Z, 0.5nm, 0.7s, baz=238, slow=1.7, SNR=4.2			PKKP	PKKP	00 14 58.2 0.0
TKL	Tuckaleechee C	111.59	28	PKKP	PKKP	00 03 45.6 +0.2
BOSA	Boshof	112.80	248	PKKP	PKKP	00 03 47.8 -0.2
TOA1	Torodi Ar. Sit	115.22	300	PKKP	PKKP	00 03 52.1 -0.8
TORD	Torodi Ar. Bea	115.22	300	PKP	PKP	00 03 52.1 -0.8
TORD	comp-Z, 2.4nm, 0.8s, baz=126, slow=1.3, SNR=2.0			PP	PP	00 04 52.6 -0.1
TORD	comp-Z, 3.5nm, 0.9s, baz=49, slow=1.1, SNR=5.5			PKKP	PKKP	00 14 26.7 -0.3
TORD	comp-Z, 0.7nm, 0.7s, baz=233, slow=3.5, SNR=4.4			PKKP	PKP	00 14 34.1 -0.4
TEIG	Tepeh	121.90	41	PKP	PKP	00 04 05.4 -0.2
DBIC	Dimboko	124.25	299	PKP	PKP	00 04 09.9 -0.4
KIC	Kosan Boka	124.35	299	PKP	PKP	00 04 10.2 -0.3
TIC	Toumudi	124.40	299	PKP	PKP	00 04 10.0 -0.6
LIC	Lamto	124.68	299	PKP	PKP	00 04 10.8 -0.3
JTS	JuntasAbangare	131.51	46	PKP	PKP	00 04 24.6 +0.4
JTS	JuntasAbangare	131.51	46	PKP	PKP	00 04 24.6 +0.4
ROSC	EI Rosal	142.28	39	PKP	PKP	00 04 42.6 -1.9
OTAV	Otavalo	143.26	49	PKP	PKP	00 04 46.5 +0.1
SJAC	San Juan de Ar	143.77	40	eP	PKP	00 04 41.9 -1.7
ATAH	Atahualpa	148.33	59	PKP	PKP	00 04 54.3 -0.6
ATAH	comp-Z, 3.9nm, 0.6s, baz=45, slow=2.9, SNR=4.0			PKP	PKP	00 04 58.6 +0.3
NNA	Nana	152.44	64	PKP	PKP	00 05 08.2 +0.5
NNA	Nana	152.44	64	PKP	PKP	00 05 08.2 +0.5
PTGA	Pitinga	153.66	19	PKP	PKP	00 05 03.3 +0.7
PTGA	comp-Z, 6.4nm, 0.7s, baz=350, slow=2.2			PKP	PKP	00 05 11.0 +0.5
PLCA	Paso Flores	158.42	138	PKP	PKP	00 05 42.1 -0.7
SAML	Samuel	159.82	35	PKP	PKP	00 05 11.2 +0.7
LPAZ	La Paz	161.83	61	PKP	PKP	00 05 14.9 +1.6
LPAZ	La Paz	161.83	61	PKP	PKP	00 05 59.1 +0.2
LPAZ	La Paz	161.83	61	PKP	PKP	00 05 14.9 +1.6
LPAZ	La Paz	161.83	61	PKP	PKP	00 05 59.1 +0.2
LPV	San Ignacio	166.72	44	PKP	PKP	00 05 17.5 +0.7
BDBF	Brasilia	169.22	341	PKP	PKP	00 05 18.7 -0.1
BDBF	Brasilia	169.22	341	PKP	PKP	00 06 30.6 0.0
BDBF	Brasilia	169.22	341	PKP	PKP	00 05 18.7 -0.1
BDBF	Brasilia	169.22	341	PKP	PKP	00 05 19.7 +0.9
BDBF	Brasilia	169.22	341	PKP	PKP	00 06 30.6 0.0
CPUP	Villa Florida	174.82	96	PKP	PKP	00 05 21.5 +0.6
CPUP	comp-Z, 2.2nm, 0.7s, baz=242, slow=3.5, SNR=3.3			PKP	PKP	00 05 21.5 +0.6
GCMT	16 23:51:36.0±0.5, 4:55S-105:99W, h15km, MW4, 9/75, Moment Tensor Solution, s12, c12; s75, c93; Duration: 0 Moment tensor: Scale 10 ¹⁰ N; M ₀ =0.21±10; M ₀ =0.84±0.09; M ₀ =-0.62±0.09; M ₀ =1.67±32; M ₀ =1.92±0.07; M ₀ =0.05±.32; Best double couple: M ₀ =2.630000±0.16 NP1±278.00000°, δ89.00000°, λ-39.00000°. NP2: δ±9.00000°, δ51.00000°, λ-179.00000°. Principal axes: T 2.8440, P1626.0000, Azm331.0000; N -0.4290, P1651.0000, Azm98.0000; P -2.4150, P1627.0000, Azm227.0000; n1±1 refers to body waves, cutoff=40s. n1±2 refers to surface waves, cutoff=50s.					
IDC	16 23:51:25.8±2.6, 4:95S-105:64W, h0km, mb3.7/4, mb1 4.0/4, mb1mx3.8/36, mbtmp3.7/4, MS4.0/11, Ms1 4.0/11, ms1mx3.8/26 Error ellipse: s-maj=194.1km s-min=67.5km az=78.0, Central East Pacific Rise					

SIV	Son Ignacio	45.08	108	LR	LR	00 17 25.8
TBI	Tubuai	46.01	242	eLR	LR	00 12 52.8
TBI	Tubuai	46.01	242	eT	T	00 48 44.3
PLCA	Paso Flores	47.52	144	LR	LR	00 15 45.1
PDAR	Pinedale Array	47.63	356	P	P	00 00 04.6 +0.7
CPUP	Villa Florida	50.77	120	LR	LR	00 18 26.3
YKA	Yellowknife Ar	67.61	356	P	P	00 02 23.4 -0.6
INK	Inuvik	75.65	350	P	P	00 03 12.7 +0.3
ILAR	Eielson Array	75.90	343	P	P	00 03 13.9 -0.1
H1N3	WAKE ISLAND Hy	89.25 <td>290</td> <td>T</td> <td>T</td> <td>01 02 36.3</td>	290	T	T	01 02 36.3
H1N2	WAKE ISLAND Hy	89.27 <td>290</td> <td>T</td> <td>T</td> <td>01 02 39.2</td>	290	T	T	01 02 39.2
H1N1	WAKE ISLAND Hy	89.27 <td>290</td> <td>T</td> <td>T</td> <td>01 02 32.1</td>	290	T	T	01 02 32.1
H1S2	WAKE ISLAND Hy	89.33 <td>289</td> <td>T</td> <td>T</td> <td>01 02 44.0</td>	289	T	T	01 02 44.0
H1S1	WAKE ISLAND Hy	89.34 <td>289</td> <td>T</td> <td>T</td> <td>01 02 41.8</td>	289	T	T	01 02 41.8
H1S3	WAKE ISLAND Hy	89.35 <td>289</td> <td>T</td> <td>T</td> <td>01 02 46.4</td>	289	T	T	01 02 46.4
PETK	Petrozavolovsk	97.94	323	LR	LR	00 41 07.7
SONM	Songino Array	129.23	333	PKP	PKP	00 10 35.6 -0.9
BRTR	Keskin Array B	129.57	41	PKP	PKP	00 10 37.7 +0.3
MEX	16 23:55:43.9±0.8, 17:06N-101:39W, h16km±20km, MD3.8, Near coast of Guerrero					
ZIIG	Zihuatanejo	0.55	353	Op	ISC	23 55 52.8 -2.0
CAIG	Ei Cayaco	1.08	90	eS	Pb	23 56 00.4 -3.8
ARIG	Puente Sto Nin	1.57	39	eP	Pn	23 56 08.4 -2.9
TLIG	Tlapa	2.75	79	eP	Pn	23 56 25.5 -5.9
TLIG	Tlapa	2.75	79	eP	Pn	23 56 25.9 -2.7
IGQ	17 00:03:17.8±1.5, 4:13S-131:00E, h0km, mb3.6/2, mb1 3.8/5, mb1mx3.5/37, mbtmp3.7/5, ML3.5/3, Error ellipse: s-maj=66.7km s-min=23.6km az=66.0					
ISCJB	17 00:03:21.4±1.2, 4:35S-130:90E, h33km, mb3.7/2, Error ellipse: s-maj=18.1km s-min=10.3km az=23.4					
DJA	17 00:03:26.6±3.4, 4:50S-131:1E±1.1, h12km±56km, M3.2/3, ML3.0/23					
ISC	00:03:23.2±1.4, 4:45S-130:8E±0.1, h35km, n9, ±019/8, Banda Sea					
BNDI	Bandanaira	0.90	265	Op	ISC	00 03 40.2 +0.9
BNDI	Bandanaira	0.90	265	S	Pn	00 03 51.1 0.0
FAKI	Fak Fak	2.09	44	eP	Pn	00 04 01.6 +5.9
MSAI	Mesiti	2.18	300	P	Pn	00 04 49.7 0.0
KRAI	Karang Ratu	2.65	295	P	Pn	00 04 04.3 +0.9
FITZ	Fitzroy Crossi	14.49 <td>200</td> <td>PKP</td> <td>P</td> <td>00 06 50.3 -1.7</td>	200	PKP	P	00 06 50.3 -1.7
WRA	Warramunga Arr	15.79	18	Pn	Pn	00 07 04.6 +1.5
ASAR	Alice Springs	19.35	171	P	P	00 07 47.4 +0.3
CTA	Charters Tower	21.64	137	P	P	00 08 11.4 +0.7
MKAR	Makanchi Array	65.55	326	P	P	00 14 08.8 -0.9
IGQ	17 00:04:44.0±2.5S-78:49W, h15km, Mb4.1, Error ellipse: s-maj=1.1km s-min=0.5km az=6.5					
ISCJB	17 00:04:45.4±0.4, 0:26S-0:03W-78:40W±0:05, h7km±5km, Error ellipse: s-maj=7.9km s-min=4.4km az=7.1					
ISC	17 00:04:44.6±0.9, 0:24S-0:03W-78:45W±0:04, h14km±5km, n30, c0848/37, 12C-14D, Ecuador					
Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
CIVL	Edificio de In	0.05	306	Op	Pg	00 04 47.9 +0.2
EPNI	EPN Laboratori	0.05	305	Op	Pg	00 04 47.0 -0.7
EPNL	Comp-Z, 3.9nm, 0.6s, baz=45, slow=2.9, SNR=4.0			Op	Pg	00 04 49.2 -0.5
CIRC	Ciruelo Mililit	0.06	321	Op	Pg	00 04 47.2 -0.6
CIRC	Ciruelo Mililit	0.06	321	Op	Pg	00 04 50.6 +0.7
COMIL	Quito Colegio	0.06	319	Op	Pg	00 04 48.5 +0.7
BELL	Bellavista	0.06	349	Op	Pg	00 04 47.3 -0.5
BELL	Bellavista	0.06	349	Op	Pg	00 04 50.0 +0.1
C24MA	Colegio 24 de	0.07	341	Op	Pg	00 04 47.8 -0.1
C24MA	Colegio 24 de	0.07	341	Op	Pg	00 04 50.6 +0.6
LILI	Casa Pap's Li	0.09	249	Op	Pg	00 04 47.1 -0.8
LILI	Casa Pap's Li	0.09	249	Op	Pg	00 04 50.8 +0.5
FENY	Casa Vinicio C	0.10	342	Op	Pg	00 04 48.2 +0.1
FENY	Casa Vinicio C	0.10	342	Op	Pg	00 04 51.2 +0.7
RUMP	Rumipamba	0.10	309	Op	Pg	00 04 48.5 +0.3
JUA2	San Juan 2	0.16	280	Op	Pg	00 04 49.8 +0.1
GGP	Refugio Guagua	0.16	295	Op	Pg	00 04 48.4 -0.6
TERV	Terraza Guagua	0.17	293	Op	Pg	00 04 49.7 -0.2
YANA	Yana	0.17	315	Op	Pg	00 04 49.6 -0.3
PINO	Pino	0.18	278	Op	Pg	00 04 49.8 -0.3
VC1	Cotopaxi 1	0.18	173	Op	Pg	00 04 54.0 +0.1
BVC2	Cotopaxi Volca	0.41	175	Op	Pg	00 04 53.4 +0.3
BNAS	Cotopaxi Volca	0.43	184	Op	Pg	00 04 54.0 -0.3
OTAV	Otavalo	0.48	360	Op	Pg	00 04 54.1 -0.1
BMAT	Cotopaxi Volca	0.49	181	Op	Pg	00 04 54.1 -0.1
CUIC	Cuicocha-Domo	0.55	9	Op	Pg	00 04 56.9 +0.6
CAYA	Cayambe	0.56	56	Op	Pg	00 04 56.1 -0.4
ASDO	Santo Domingo	0.67	268	Op	Pn	00 05 00.7 +0.8
URCU	Urcuqui	0.70	16	Op	Pn	00 04 59.0 0.0
URCU	Urcuqui	0.70	16	Op	Pn	00 05 10.9 -0.6
CHAR	Charal	0.80	79	Op	Pb	00 05 00.5 -0.1
CONE	Cono NE Rev V	0.83	78	Op	Pb	00 05 01.2 +0.2
BMAT	Trigal station	1.25	181	Op	Pg	00 05 08.5 -0.4
BPAS	Tungurahua Vol	1.25	179	Op	Pg	00 05 09.7 +0.8
ARRY	Arrayan	1.26	180	Op	Pg	00 05 08.9 0.0
PATI	Patacocha	1.26	179	Op	Pn	00 05 07.9 -0.4
CMCB	Cumal	1.33	28	Op	Pn	00 05 09.0 -0.2

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
WRA	Warramunga Arr	14.89	178	Op	ISC	00 08 29.6 -1.7
WRA	Warramunga Arr	14.89				

17d 1h

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists various stations like Matakaoa Point, Waionatani S, Te Kaha, Pakihiroa, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists stations like Puysegur Point, Deep Cove, Wether Hill Ro, etc.

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Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists stations like Earnsclough, Tuapeka, Jackson Bay, Lake Benmore, etc.

JMA 17 00:53:08.7, 0.4, 22.69N, 122.63E, h44km, M3.3
TAP 17 00:53:09.6, 22.62N, 122.59E, h49km, ML3.7, C
ISC 17 00:53:06.0, 1.7, 22.62N, 122.66E, 0.03, h17km, 13km, n52, e117/85, 2C, Taiwan region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists stations like Lan-yu, Chengkung, Taitung, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists stations like Nioudou, Wente, Neicheng, etc.

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Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists stations like TWC01, TWB1, JISG, etc.

IDC 17 00:57:22.1, 3.2, 5.07S, 133.62E, h0km, mb3.5/1, mb1.3, 5/4, mb1mx3.4/30, mb3mp3.4/4, ML3.2/3, Error ellipse: s-maj=130.4km s-min=30.5km az=82.0, Aru Islands region

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

ISCJB 17 00:58:31.8, 0.4, 39.63N, 0.02, 27.48E, 0.03, h6km, 4km, Error ellipse: s-maj=3.8km s-min=3.4km az=25.0

DDA 17 00:58:31.6, 39.61N, 27.48E, h7km, Md2.8
ISK 17 00:58:31.8, 39.64N, 27.51E, h10km, Md2.8
CSEM 17 00:58:32.1, 0.1, 39.64N, 27.50E, h10km, Md2.8, Error ellipse: s-maj=1.7km s-min=1.5km az=97.0

ISC 17 00:58:32.0, 0.8, 39.63N, 0.02, 27.49E, 0.02, h16km, 6km, n59, e640/78, Turkey

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists stations like Balya, Balikesir, Gonen-Balikesi, etc.

ISCJB 17 01:29:20.2, 0.4, 33.46N, 0.06, 137.41E, 0.07, h400km, mb3.3/8, Error ellipse: s-maj=8.9km s-min=7.7km az=156.1

JMA 17 01:29:20.5, 0.1, 33.44N, 137.32E, h392km, M3.2
IDC 17 01:29:22.3, 0.6, 33.33N, 137.29E, h372km, 10km, mb3.0/8, mb1.3, 2/13, mb1mx3.0/42, mb3mp3.9/13, Error ellipse:

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists stations like Tokai 1, Tokai 2, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like JOD2, JWT, JAI, JRY, JMN, MAT, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like OXF, S39A, X37A, GLAT, GLST, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WRA, MKAR, FINES, etc.

GUC 17 01:35:36.8±0.4, 34.74Sx72.44W, h46km, 2km, ML3.5

ISCJB 17 01:35:37.3±1.6, 34.79S, 0.04x72.5W, 0.1, h2km, 12km

ISC 17 01:35:37.1±1.8, 34.82S, 0.05x72.43W, 0.1, h14km, 11km

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

IDC 17 01:43:46.0±1.0, 16.53Sx173.61W, h0km, mb3.7/6

mb1 4.0/7, mb1mx3.7/28, mbtmp3.7/7, ML3.7/1, MS3.4/2

MS1 3.4/2, ms1mx2.8/24, Error ellipse: s-maj=51.5km

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

DHMR 17 01:53:08.0±1.9, 14.80N, 43.94E, h13km, 11km, ML3.8

3C-2D, Western Arabian Peninsula

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

ISCJB 17 01:36:45.2±0.3, 35.125N, 0.02x92.37W, 0.02, h10km, Error ellipse: s-maj=3.0km s-min=2.3km az=155.0

NEIC 17 01:36:45.0, 35.28N, 92.35W, h6km, MD2.5(CERI), After CERI

NEIC Feit [I] at Greenbrier. ISC 17 01:36:44.8±0.7, 35.27N, 0.03x92.35W, 0.02, h10km, n49, 1540/68, Arkansas

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like UALR, W40A, X40A, U40A, W39A, V39A, MIAR, etc.

ISCJB 17 01:56:08.3±0.5, 35.30N, 0.05x71.61E, 0.07, h10km, mb3.6/7, Error ellipse: s-maj=9.5km s-min=5.8km az=149.5

IDC 17 01:56:08.3±1.1, 35.31N, 71.69E, h0km, mb3.7/8, mb1 3.8/13, mb1mx3.6/50, mbtmp3.7/13, ML3.8/5, Error ellipse: s-maj=22.9km s-min=19.5km az=149.0

NNC 17 01:56:15.4±10.0, 35.66N, 70.87E, h0km, mb3.9, mpv3.8, Error ellipse: s-maj=106.9km s-min=73.7km az=138.0

ISC 17 01:56:09.5±0.7, 35.27N, 0.08x71.69E, 0.08, h10km, n24, 1539/24, mb3.7/7, 2C-4D, Pakistan

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

DDA 17 01:56:49.0, 32.56N, 32.89E, h10km, Md3.1

ISCJB 17 01:57:29.0±0.5, 33.87N, 32.83E, 0.04, h6km, 13km, Error ellipse: s-maj=5.7km s-min=2.8km az=163.1

ISC 17 01:57:29.5, 33.95N, 33.47E, h20km, MD3.3

NK 17 01:57:30.9±0.2, 33.86N, 33.48E, h33km, ML3.0

CSEM 17 01:57:30.6±0.1, 33.88N, 33.48E, h30km, MD3.3, Error ellipse: s-maj=4.6km s-min=2.2km az=73.0

GII 17 01:57:32.5±0.1, 33.84N, 33.46E, h32km, MD3.3

NSSC 17 01:57:35.3±1.3, 34.11N, 33.88E, h38km, 999km, MD1.1, ML1.9

ISC 17 01:57:31.1±1.2, 33.89N, 0.02x33.55E, 0.04, h45km, 39km, n86, n17/131, Eastern Mediterranean Sea

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

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

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

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

CSEM 17 01:57:59.8, 0.2, 41.22N-43.94E, h2km, ML1.4, Error ellipse: s-maj=4.4km s-min=3.1km az=140.0

MEX 17 02:32:28.6, 0.6, 32.45N-115.20W, h25km, gkm, MD3.6, California-Baja California border region

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

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

GUC 17 02:39:41.3, 0.5, 19.25S-70.25W, h43km, 1km, ML3.6, 1D, Near coast of northern Chile

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

ISC 17 01:58:57.6, 1.0, 51.55N-0.06, 16.00E, 0.03, h8km, n8, r1913/15, Poland

IDC 17 02:50:25.2, 1.5, 38.36S-178.32E, h0km, mb3.6/3, mb1.3/8/3, mb1mx3.7/19, mbtm3.6/3, Error ellipse: s-maj=47.4km s-min=33.1km az=66.0

ISC 17 02:50:44.0, 37.42S-177.58E, h99km, ML4.1(WEL), NEIC 17 02:50:44.0, 37.42S-177.58E, h99km, ML4.1(WEL)

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

ISC 17 02:22:05.0, 4.3, 37N-147.64E, h11km, M3.2, SKHL 17 02:22:05.0, 4.3, 37N-147.64E, h28km, 1km, mb4.3/3

ISC 17 02:22:04.2, 6.6, 43.7N-0.1, 147.8E, 0.1, h35km, n11, r1916/15, ID, Kuril Islands

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

ISC 17 02:50:44.0, 37.42S-177.58E, h99km, ML4.1(WEL), NEIC 17 02:50:44.0, 37.42S-177.58E, h99km, ML4.1(WEL)

ISC 17 02:50:44.0, 37.42S-177.58E, h99km, ML4.1(WEL), NEIC 17 02:50:44.0, 37.42S-177.58E, h99km, ML4.1(WEL)

DDA 17 02:52:50.8, 37.83N-27.39E, h7km, Md2.6, ISCJB 17 02:52:51.4, 0.5, 37.79N-0.04, 27.39E, 0.03, h11km, 5km, Error ellipse: s-maj=7.5km s-min=4.4km az=2=2.0

ellipse: s-maj=4.1km s-min=3.2km az=21.0
ISK 17 02:52:51.4, 37.80N, 27.42E, h10km, MD2.5
ISC 17 02:52:51.5, 0.9, 37.81N, 0.03, 27.38E, 0.02, h8km, 10km,
n21, c041/34, Turkey

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Includes stations like GCAM G?zelcaml?, AYDN Tasuluk, AYDB Zeytinkoy-Aydi, etc.

NEIC 17 02:53:26.0, 35.27N, 92.36W, h6km, MN3.2, After CERI.
NEIC Felt (III) at Greenbrier. Also felt at Enola.
ISC 17 02:53:25.3, 1.1, 35.26N, 0.02, 92.38W, 0.02, h3km, 8km,
n89, c173/129, Arkansas

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Includes stations like UALR University of, W40A Ferguson Farm, X40A Basin Creek Fa, etc.

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Includes stations like R40A baz=100s, R40A baz=182, UTMT University of, etc.

DDA 17 02:55:39.7, 37.39N, 37.13E, h8km, Md2.6
CSEM 17 02:55:40.6, 0.1, 37.43N, 37.09E, h8km, MD2.6, Error
ellipse: s-maj=3.8km s-min=3.6km az=125.0
ISK 17 02:55:40.1, 0.3, 37.48N, 37.10E, h9km, MD2.6
ISC 17 02:55:40.1, 1.0, 37.43N, 0.03, 37.12E, 0.03, h9km, 8km,
n17, c055/28, Turkey

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Includes stations like KMRS Kahramanmaras, HCB Kahramanmara, AYKD Aykinkavak, etc.

CSEM 17 02:56:41.8, 0.4, 39.37N, 38.92E, h10km, MD2.2, Error
ellipse: s-maj=1.0, 1km s-min=7.2km az=9.0
ISK 17 02:56:40.0, 39.48N, 39.00E, h16km, MD2.2, Turkey
Code Station Name Δ° AZ' Phase ID Time Res ISC
ILIC ilic-Erzincan 0.33 266 eP Pg 02 56 47.2 +0.2
ILIC ilic-Erzincan 0.33 266 eP Pg 02 56 52.8 -0.1
ILIC ilic-Erzincan 0.33 266 eP Pg 02 56 57.2 +0.2
EZZ Erzingan 0.39 45 eP Pg 02 56 52.8 0.0
EZZ Erzingan 0.39 45 eP Pg 02 56 51.7 +0.6
ERZN Erzingan 0.57 79 eP Pg 02 56 51.7 0.0
PTK Pertek 0.66 152 eP Pg 02 57 00.2 +0.5
PTK Pertek 0.66 152 eP Pg 02 56 53.0 +0.1
PTK Pertek 0.66 152 eP Pg 02 57 00.3 +0.1
CUKAN kangal_SIVAS 1.20 263 iP Pg 02 57 03.2 +0.1
CUKAN kangal_SIVAS 1.20 263 iP Pg 02 57 02.3 +0.1
CUKAN kangal_SIVAS 1.20 263 iP Pg 02 57 20.6 +1.8

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Includes stations like GCAM G?zelcaml?, AYDN Tasuluk, AYDB Zeytinkoy-Aydi, etc.

ISCJB 17 03:54:32.1, 0.5, 67.80N, 0.03, 20.31E, 0.09, h0km, Error
ellipse: s-maj=5.1km s-min=3.9km az=24.1
CSEM 17 03:54:33.1, 0.1, 67.83N, 20.26E, h2km, ML1.5, Error
ellipse: s-maj=3.4km s-min=2.6km az=120.0, Mining
explosion.

UPP 17 03:54:33.2, 0.1, 67.84N, 20.21E, h0km, ML1.5, Explosion
HEL 17 03:54:33.8, 0.0, 67.85N, 20.22E, h0km, ML1.5(UPP),
Explosion
NAO 17 03:54:33.6, 1.1, 67.84N, 20.53E, ML2.4
IDC 17 03:54:34.0, 1.2, 67.80N, 20.39E, h0km, mb1 3.0/3,
mb1mx2.8/4.2, mbtmp2.9, ML2.3/3, Error ellipse:
s-maj=18.0km s-min=8.9km az=113.0
BER 17 03:54:35.7, 3.7, 67.85N, 20.34E, h0km, MD2.7, ML1.8,
ML2.4(NAO), Suspected explosion
ISC 17 03:54:32.8, 0.8, 67.82N, 0.02, 20.28E, 0.03, h0km, n51,
c073/74, Sweden

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Includes stations like KUA Kurravaara, NIKU Nikkaluokta, HEF Hetta, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FINES, NB2, NOA, HFS, SPA0.

MAN 17 03:54:50,16:46N:120:48E,h16km,mb4.6,ML3.4,MS3.3, 2C-1D,Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BCPH, BOLP, SCZP, ABRA, CAUP, SIPP, APYV.

IDC 17 03:58:09.6:3.1,23:56S:179:83E,h504km,25km,mb3.4/5, mb1 3.6/5,mb1mx3.2/2.1,mbtmp4.3/5, Error ellipse: s-maj=90.2km s-min=26.8km az=162.0, South of Fiji Islands

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

GUC 17 04:07:15.4:0.4,37:23S:74:19W,h21km,7km,ML3.8, Off coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CCSP, COCH, CCHI.

NEIC 17 04:09:40.0,35:27N:92:35W,h6km,MD2.6(CERI), After CERI.

NEIC Felt [I] at Conway and Greenbrier. Also felt at Edgemont. ISC 17 04:09:39.2:1.2,35:26N:0:03:92:35W,0.02,h3km,11km, n37,1944/57, Arkansas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like UJAL, W40A, X40A, U40A, W39A, W39A, MIAR, MIAR, MIAR, HBAR, QUAR, QUAR, U39A, U39A, Y40A, X40A, X39A, X38A, V38A, W38A, T40A, T40A, T39A, Y39A, Y39A, DLAR, U38A, X38A, X38A, PBMO, S40A, V37A, V37A.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Y38A, U37A, PARMO, OXF, OXF, S39A, TUL1, TUL1, SIUC, SLM, V34A, V34A, U34A, OLIL, LRLAL, LRLAL, WMOK, WMOK.

ISK 17 04:12:13.6,37:04N:29:18E,h13km,MD2.9 ISCJB 17 04:12:14.4:0.7,37:07N:0:03:29:11E:0.03,h2km,8km, Error ellipse: s-maj=5.8km s-min=4.5km az=171.2 CSEM 17 04:12:14.4:0.1,37:06N:29:14E,h10km,MD2.7, Error ellipse: s-maj=3.2km s-min=2.9km az=17.0 DDA 17 04:12:14.0,37:07N:29:10E,h7km,MD2.7 ISC 17 04:12:14.1,37:07N:0:02:29:13E:0.03,h7km,10km, n25,-0854/41, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GOLH, GOLH, GOLH, GOLH, FETY, FETY, FETY, TURN, YER, YER, YER, AKAS, AKAS, KORT, KORT, AYDN, AYDN, AYDN, Zeytinokuy-Aydi, Zeytinokuy-Aydi, KHAL, KHAL, KHAL, BDRM, BDRM, BDRM, BODT, BODT, BODT, KULA, KULA, MANT, MANT, MANT.

IDC 17 04:22:30.8:1.9,36:74S:73:71W,h0km,mb3.6/3, mb1 3.7/4,mb1mx3.7/19,mbtmp3.5/4,ML3.4/1,MS2.4/1, Ms1 2.4/1,ms1mx2.3/19, Error ellipse: s-maj=60.2km s-min=21.9km az=65.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CCSP, CCSP, CCSP, COCH, COCH, COCH, CCHI, CCHI, CCHI, NICH, NICH, PLCA, PLCA, PLCA, SIV, SIV, SIV, TORD, TORD, TORD, NEIC 17 04:49:50.7,17:25N:94:79W,h98km,MD4.0(MEX), After MEX. MEX 17 04:49:50.7:0.9,17:25N:94:79W,h98km,38km,MD4.0, Chiapas

IDC 17 04:22:30.8:1.9,36:74S:73:71W,h0km,mb3.6/3, mb1 3.7/4,mb1mx3.7/19,mbtmp3.5/4,ML3.4/1,MS2.4/1, Ms1 2.4/1,ms1mx2.3/19, Error ellipse: s-maj=60.2km s-min=21.9km az=65.0

ISCJB 17 04:22:30.8:1.1,36:64S:0:06:73:47W:0.09,h27km, mb3.6/3, Error ellipse: s-maj=10.9km s-min=8.3km az=4.6 GUC 17 04:22:34.8:0.3,36:55S:73:35W,h10km,4km,ML3.6 ISC 17 04:22:35.1:1.2,36:59S:0:05:73:3W:0.1,h27km,n8, r153/12,mb3.7/3, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CCSP, CCSP, CCSP, COCH, COCH, COCH, CCHI, CCHI, CCHI, NICH, NICH, PLCA, PLCA, PLCA, SIV, SIV, SIV, TORD, TORD, TORD, NEIC 17 04:49:50.7,17:25N:94:79W,h98km,MD4.0(MEX), After MEX. MEX 17 04:49:50.7:0.9,17:25N:94:79W,h98km,38km,MD4.0, Chiapas

NEIC 17 04:49:50.7,17:25N:94:79W,h98km,MD4.0(MEX), After MEX.

MEX 17 04:49:50.7:0.9,17:25N:94:79W,h98km,38km,MD4.0, Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TGIG, TGIG, TGIG, VHO, VHO, VHO, HUIG, HUIG, HUIG, PCIG, PCIG, PCIG, CCIG, CCIG, CCIG, TPIG, TPIG, TPIG, PNIG, PNIG, PNIG, NIED 17 05:06:00,38:40N:143:20E,h17km,Mw3.7 Best double couple: M=3.72000:1014 NP1:209.00000:328.00000, 1.96.00000: NP2:22.00000:863.00000:187.00000 ISC 17 05:06:15.6:1.5,38:39N:143:53E,h0km,mb3.8/7, mb1 3.8/9,mb1mx3.6/43,mbtmp3.7/9,ML3.1/2,MS3.1/3, Ms1 3.1/3,ms1mx2.7/39, Error ellipse: s-maj=47.1km s-min=19.8km az=77.0

mb1 3.8/9,mb1mx3.6/43,mbtmp3.7/9,ML3.1/2,MS3.1/3, Ms1 3.1/3,ms1mx2.7/39, Error ellipse: s-maj=47.1km s-min=19.8km az=77.0

ISCJB 17 05:06:16.6:0.8,38:38N:0:07:143:37E:0.10,h15km, mb3.8/7, Error ellipse: s-maj=11.3km s-min=7.8km az=150.0

JMA 17 05:06:19.4:0.2,38:35N:143:23E,h33km,M3.9 ISC 17 05:06:18.5:1.2,38:43N:0:08:143:31E:0.10,h15km,n21, r1935/24,mb3.7/7, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OFUJ, OFUJ, JIO, JIO, JIO, JMM, JMM, JMM, JOU, JOU, JOU, JJK, JJK, JFT, JFT, JYS, JYS, MJAR, MJAR, MJAR, MAT, MAT, MAT, ASAJ, ASAJ, ASAJ, KSRS, KSRS, ZALV, ZALV, MKAR, MKAR, KURBB, KURBB, BVAR, BVAR, WRA, WRA, ASAR, ASAR, FINES, FINES.

ISCJB 17 05:21:02.9:0.4,35:59N:0:04:140:16E:0.06,h79km,3km, mb3.8/16, Error ellipse: s-maj=8.9km s-min=5.5km

JMA 17 05:21:02.7:0.2,35:73N:140:23E,h70km,2km,M3.4 Broadband fault plane solution: P waves. NP1: 0.2,00000:189,00000:190,00000: NP2:290,00000: 0.2,00000:187,00000: Principal axes: T P1g45.00000: Azm288.00000: N P1g2.00000: Azm20.00000: P P1g45.00000: Azm112.00000:

IDC 17 05:21:02.8:1.6,35:61N:140:27E,h60km,13km,mb3.7/15, mb1 3.8/20,mb1mx3.6/57,mbtmp4.0/20,MS2.8/1, Ms1 2.8/1,ms1mx2.5/36, Error ellipse: s-maj=19.3km s-min=6.8km az=66.0

ISC 17 05:21:03.7:0.7,35:64N:0:05:140:21E:0.06,h72km,6km, mb1,r1541/47,mb3.9/16,6D,Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JCN, JCN, TOK, TOK, BOS3, BOS3, JOD2, JOD2, ASHKA, ASHKA, JIM2, JIM2, JRY, JRY, BSO1, BSO1, JYN, JYN, JKT, JKT, JIZS, JIZS, MJAR, MJAR, MJAR, MAT, MAT, JHJ, JHJ, JHU, JHU, JNU, JNU, ASAJ, ASAJ, ASAJ, JCJ, JCJ, JCJ, KSR, KSR, USRK, USRK, SONM, SONM, H1N2, H1N2, H1N1, H1N1, H1N3, H1N3, H1S1, H1S1, H1S3, H1S3, H1S2, H1S2, ZALV, ZALV, ZALV, MKAR, MKAR, MKAR, AAK, AAK, BVAR, BVAR, ILAR, ILAR, WRA, WRA, ARU, ARU, ASAR, ASAR, ARCES, ARCES, FINES, FINES, AKAS, AKAS, HFS, HFS, BRTR, BRTR.

Table with columns: NKL, 15nm, 0.7s, AMB, AMB, 07 33 16.3, etc.

SOME 17:07:39.36.0.49.93N.78.65E, h5km, NNC 17:07:39.41.0.4.50.04N.78.65E, h0km, mb3.3, mpv3.1, Error ellipse: s-maj=7.0km s-min=2.2km az=80.0, Suspected Mining explosion, ISC 17:07:37.7.0.9.49.94N.02.78.63E, h0km, n25, o149/36.6C-5D, Eastern Kazakhstan

Main table for 17d 9h section, listing station names, coordinates, and seismic data.

CSEM 17:07:53.22.7.39.84N.16.08E, h8km, MD1.9/6 ROM 17:07:53.22.7.0.2.39.84N.16.08E, h8km, Md1.9/6, M11.8/4, Error ellipse: s-maj=2.6km s-min=1.7km az=22.0, Southern Italy

Table for Southern Italy section, listing stations like MORMANNO, SALB, CUC, SCHR, ORI, CAR1, etc.

CSEM 17:07:54.13.6.39.84N.16.08E, h7km, MD2.0/7 ROM 17:07:54.13.6.0.2.39.84N.16.08E, h7km, Md2.0/7, M12.1/5, Error ellipse: s-maj=2.3km s-min=1.6km az=5.0, Southern Italy

Table for Southern Italy section, listing stations like MORMANNO, SALB, CUC, SCHR, etc.

Table for 2011 FEB section, listing stations like SCHR, ORI, MCCEL, MCEL, CAR1, etc.

IDC 17:07:59.09.7.3.9.3.56S-154.39E, h0km, mb3.6/2, mb1.9/2, mb1mx3.4/39, mbtmp3.6/2, Error ellipse: s-maj=180.7km s-min=49.3km az=119.0, North of Solomon Islands

Table for North of Solomon Islands section, listing stations like WRA, ASAR, TORO, etc.

ISCJJB 17:08:00.46.0.1.1.16.38N.0.05.99.96W, h0km, h26km, 6km, mb3.5/4, Error ellipse: s-maj=9.8km s-min=5.6km az=29.1, NEIC 17:08:00.48.0.16.36N.100.05W, h25km, MD4.2(MEX), After MEX, MEX 17:08:00.48.0.0.6.16.36N.100.05W, h25km, 11km, MD4.2, IDC 17:08:00.49.5.3.5.16.96N.99.64W, h0km, mb3.6/4, Ms1.3/9.8, mb1mx3.7/44, mbtmp3.6/8, ML3.4/4, MS3.2/2, Ms1.3/2.2, ms1mx2.8/37, Error ellipse: s-maj=80.1km s-min=23.7km az=28.0, ISC 17:08:00.45.6.1.6.16.37N.0.06.99.98W, h0km, h8km, n28, o212/43, mb3.6/4, Near coast of Guerrero

Main table for 2011 FEB section, listing stations like ACP2, CAIG, PNIG, TLIG, ZIIG, ARIG, PLIG, YAI, MOIG, CMIG, etc.

IDC 17:08:18.04.4.3.5.10.73S-163.57E, h0km, mb3.5/3, mb1.3/7.3, mb1mx3.5/24, mbtmp3.5/3, Error ellipse: s-maj=131.2km s-min=38.4km az=133.0, Bougainville-Solomon Islands region

Table for Bougainville-Solomon Islands region section, listing stations like ASAR, SONM, ILAR, etc.

MAN 17:08:22.23.13.70N.120.39E, h50km, mb4.3, ML3.2, MS3.0, 1D, Mindoro

Table for Mindoro section, listing stations like PGP, SJMP, BUMP, ENPP, etc.

ISCJJB 17:08:56.07.5.0.5.6.60S.0.05.130.05E.0.06, h146km, mb3.9/3, Error ellipse: s-maj=8.4km s-min=6.4km az=34.1, DJA 17:08:56.09.4.0.4.7.5.4.13.0E.1, h166km, 15km, M4.8/6, mb5.4/2, mb4.7/6, MLV4.8/4, MW(MB)4.8/2, IDC 17:08:56.09.9.3.6.6.63S.129.92E, h162km, 36km, mb3.7/4, Ms1.3/8.9, mb1mx3.5/38, mbtmp4.3/9, Error ellipse: s-maj=30.7km s-min=15.0km az=43.0, ISC 17:08:56.08.4.0.7.6.55S.108.130.07E.0.08, h146km, n18, o181/19, mb4.1/3, Banda Sea

Table for Banda Sea section, listing stations like SUI, BANI, FAKI, KMPI, SOEI, MWPI, BATI, etc.

Table for 832 section, listing stations like DBNI, FITZ, WRA, PMG, ASAR, CTG, STKA, SONM, MKAR, MKAR, CPUP, etc.

IDC 17:09:00.43.6.1.1.7.49N.77.37W, h0km, mb4.1/4, mb1.4/2.6, mb1mx3.8/26, mbtmp4.1/6, ML2.8/2, MS3.4/5, Ms1.3/4.5, ms1mx3.3/27, Error ellipse: s-maj=37.4km s-min=26.8km az=49.0, ISCJJB 17:09:00.47.6.0.5.7.57N.0.04.77.09W.0.04, h31km, mb4.1/4, MS4.1/2, Error ellipse: s-maj=7.0km s-min=4.8km az=39.5, RSNC 17:09:00.49.7.0.9.7.53N.77.06W, h32km, 6km, ML3.4, ISC 17:09:00.48.4.0.8.7.53N.0.05.77.09W.0.05, h31km, n20, o090/23, mb4.1/4, Panama-Colombia border region

Main table for 832 section, listing stations like DBBC, SOLC, MOTO, HELC, GUYC, BORG, ILAR, SPITS, ARCES, ASAR, WRA, etc.

ISCJJB 17:09:07.17.1.0.5.10.61N.0.05.61.62W.0.02, h14km, 4km, Error ellipse: s-maj=7.9km s-min=4.1km az=2.7, TRN 17:09:07.17.3.10.64N.61.59W, h14km, MD3.2, TRN Felt St. Joseph, Trinidad MMII, FUNV 17:09:07.20.7.10.77N.61.77W, h5km, MW2.6, ISC 17:09:07.17.2.0.9.10.63N.0.05.61.61W.0.02, h16km, 6km, n13, o129/22, Trinidad

Table for Trinidad section, listing stations like TCE, TRN, TPP, TBH, GUVI, BOT, TOSP, GUNV, CRUV, CUPV, CUPV, BIRV, LUEV, BAUV, etc.

MOS 17:09:09.21.4.1.5.1.06N.157.65E, h60km, mb4.2/6, Error ellipse: s-maj=13.2km s-min=5.0km az=77.7, KRSC 17:09:09.21.0.1.9.5.1.12N.158.02E, h41km, 26km, ML4.3, ISCJB 17:09:09.22.3.0.7.5.1.12N.0.05.157.87E.0.09, h66km, 6km, mb3.6/12, Error ellipse: s-maj=11.9km s-min=4.5km az=42.5, IDC 17:09:09.22.6.0.9.5.103N.157.87E, h52km, 7km, mb3.3/11, mb1.3/6/13, mb1mx3.5/33, mbtmp3.6/13, MS2.8/2, Ms1.2/8.2, ms1mx2.6/31, Error ellipse: s-maj=14.5km s-min=10.5km az=91.0, ISC 17:09:09.22.3.0.7.5.1.06N.0.06.157.88E.0.05, h53km, 7km, n69, o143/87, mb3.7/12, 4D, Near east coast of Kamchatka Peninsula

Table for Kamchatka Peninsula section, listing stations like PAU, SKR, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SKR, ASAK, MIPR, RUS, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like UPM, UNAC-PIVA, BRY, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like APSI, LUWI, LUWI, etc.

17d 10h

Table with columns: SABO, Mite Sabotino, 2.81 58 ePn, Pn, 09 36 13.1 -0.4, etc. Includes various station names and coordinates.

ICD 17 09:48:36.6:1.6, 29.46N:80.86E, h0km, mb3.5/6, mb1 3.6/7, mb1mx3.4/47, mbtmp3.5/7, ML3.2/1, Error ellipse: s-maj=51.8km s-min=22.0km az=65.0

ICD 17 09:48:37.2:1.5, 29.46N:81.16E, h10km, ML3.1, ICSJB 17 09:48:38.0:1.0, 29.48N:80.99E:0.05, h17km, mb3.4/6, Error ellipse: s-maj=11.4km s-min=6.0km az=159.8

ISC 17 09:48:39.7:1.0, 29.49N:101.81E:0.08, h17km, n13, a119/16, mb3.6/6, Nepal

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like KALG, Kalgarh, BISHRAKH, etc.

JMA 17 09:56:10.5:0.2, 43.55N:147.55E, h40km, M3.2, SKHL 17 09:56:10.9:0.3, 43.61N:147.65E, h60km, mb2.0, mb4.5/3, ICS 17 09:56:09.1:2.4, 43.51N:101.10:147.7E:0.1, h45km, n15, a104/24, 1C-1D, Kuril Islands

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

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Table with columns: YUK, Yuzh-Kuril'sk, 1.46 292/1/P, Pn, 09 56 32.7 -0.2, etc. Includes various station names and coordinates.

ICSJB 17 09:58:59.0:0.7, 64.74N:0.03:30.14E:0.10, h0km, Error ellipse: s-maj=6.9km s-min=3.8km az=33.2, CSEM 17 09:58:59.8, 64.69N:30.78E, h0km, ML2.3, Mining explosion.

HEL 17 09:58:59.8:0.3, 64.69N:30.78E, h0km, ML2.3, Explosion ICD 17 09:58:59.7:2.8, 64.57N:31.27E, h0km, mb1 2.9/3, mb1mx2.8/32, mbtmp2.8/3, ML2.3/3, Error ellipse: s-maj=38.5km s-min=10.0km az=103.0, KOLA 17 09:58:00.6, 64.70N:30.34E, h0km, ICS 17 09:58:01.2:1.0, 64.70N:0.03:30.43E:0.05, h0km, n33, a181/152, Finland-Karelia border region

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

ICD 17 10:14:27.8:2.1, 8.89S:127.13E, h0km, mb3.5/1, mb1 3.6/3, mb1mx3.3/34, mbtmp3.3/4, ML3.2/2, Error ellipse: s-maj=165.6km s-min=33.2km az=61.0, Timor region

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

GUC 17 10:23:07.6:0.4, 21.20S:69.50W, h75km, 2km, ML3.5, Northern Chile

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like PB01, IPOC Station P, etc.

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Table with columns: PB04, IPOC Station P, 1.28 208 i/P, Pn, 10 23 30.8 +0.6, etc. Includes various station names and coordinates.

ICD 17 10:24:30.9:0.6, 22.84N:144.18E, h0km, mb4.0/20, mb1 4.1/22, mb1mx4.0/50, mbtmp4.0/22, ML3.9/2, MS3.3/6, Ms1 3.3/6, ms1mx3.0/55, Error ellipse: s-maj=20.5km s-min=14.4km az=79.0

ISCJB 17 10:24:34.7:0.6, 22.96N:0.06:144.1E:0.1, h34km, mb4.0/24, MS3.3/5, Error ellipse: s-maj=16.0km s-min=7.7km az=164.7, NEIC 17 10:24:34.0:0.5, 22.87N:144.18E, h25km, mb4.6/5, Error ellipse: s-maj=13.2km s-min=9.0km az=74.0, ICS 17 10:24:36.2:0.7, 22.93N:0.08:144.1E:0.1, h34km, n42, a100/32, mb4.1/24, MS3.3/5, Volcano Islands region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like CBIJ, Chichi jima, etc.

ICD 17 10:24:36.2:0.7, 22.93N:0.08:144.1E:0.1, h34km, n42, a100/32, mb4.1/24, MS3.3/5, Volcano Islands region

ICD 17 10:24:36.2:0.7, 22.93N:0.08:144.1E:0.1, h34km, n42, a100/32, mb4.1/24, MS3.3/5, Volcano Islands region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like H1N1, WAKE ISLAND Hy, etc.

ICD 17 10:27:02.3, 39.08N:31.58E, h13km, MD2.5, ICSJB 17 10:27:03.2:0.7, 39.10N:0.06:31.7E:0.1, h9km, Error ellipse: s-maj=14.2km s-min=4.3km az=144.5, CSEM 17 10:27:03.1:0.2, 39.09N:31.65E, h12km, MD2.5, Error ellipse: s-maj=8.0km s-min=2.8km az=56.0, ICS 17 10:27:02.8:0.9, 39.08N:0.04:31.62E:0.06, h9km, n14, a09/49, 20, Turkey

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

ICD 17 10:31:05.6:0.9, 14.86S:73.51W, h76km, 9km, mb4.0/2, NEIC 17 10:31:05.5:2.4, 14.76S:73.54W, h72km, 19km, mb3.9/11, mb1 4.1/15, mb1mx3.9/36, mbtmp4.2/15, MS3.6/1, Ms1 3.6/1, ms1mx2.8/31, Error ellipse: s-maj=31.9km s-min=13.4km az=28.0, ICS 17 10:31:07.3:0.6, 14.88S:0.10:73.6W:0.1, h98km, n29, a151/27, mb4.2/13, Central Peru

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Time, Res, ISC. Includes stations like NNA, ATAH, SAML, SIV, LCO, OTAV, CPUP, PTGA, SDV, TRQA, TXAR, LPIG, NVAR, ULM, SCHQ, DBIC, TORD, YKA, ESCD, INK, ILAR, ASAR, WRA, ZALV, MKAR, MKAR, MJAR, SONM, KSRs, KSAR.

IDC 17 10:35:07.61.9, 1.35N-127.08E, h0km, mb3.4/4, mb1 3.6/4, mb1mx3.6/42, mbtmp3.5/4, MS3.2/1, Ms1 3.2/1, m1mx2.5/2.5, Error ellipse: s-maj=186.6km s-min=21.8km az=67.0, Halmahera

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

IDC 17 10:35:33.2.2.9, 21.38S-176.67W, h0km, mb3.6/4, mb1 3.9/4, mb1mx3.6/37, mbtmp3.6/4, Error ellipse: s-maj=267.3km s-min=32.9km az=162.0, Fiji Islands region

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

IDC 17 10:49:47.4.0.9, 35.40N-92.40W, h0km, mb3.4/4, mb1 3.9/4, mb1mx3.7/55, mbtmp3.7/11, ML4.1/6, MS3.3/3, Ms1 3.2/3, ms1mx2.9/38, Error ellipse: s-maj=17.1km s-min=9.1km az=176.0

NEIC 17 10:49:48.0, 35.28N-92.36W, h6km, mb4.1/3, MW3.8, Moment Tensor Solution. s13 Moment tensor: Scale 1014Nm; Mw=0.02; Mw=4.52; Mw=4.51; Mw=2.11; Mw=3.83; Mw=0.98; Best double couple: M=6.40000x1014 NPT: 0.296, 0.00000, 0.75, 0.00000, 1.12, 0.00000. NP2: 0.203, 0.00000, 0.78, 0.00000, 1.65, 0.00000. Principal axes: T=7.7200, P1=19.0000, Az=160.0000, N=-0.8100, P1=71.0000, Az=346.0000, P=-5.9200, P1=2.0000, Az=250.0000. After CERI.

NEIC Felt [IV] at Quitman; [III] at Greenbrier and Vilonia; [II] at Conway, Fayetteville and Mountain View. Felt widely in central and northern Arkansas. Also felt in parts of southern Missouri.

ISC 17 10:49:47.5.1.1, 35.26N-92.36W, 0.02, h7km, 8km, n407, 01917/407, mb3.5/5, Arkansas

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Time, Res, ISC. Includes stations like UALR, W40A, W40A, X40A, U40A, W39A, W39A, V39A, V39A, MIAR, MIAR, HBAR, HBAR, U39A, QUAR, X40A, Y39A, V38A, V38A, W38A, W38A, T40A.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Time, Res, ISC. Includes stations like T40A, SFTN, SFTN, Y39A, MET, DLAR, U38A, GNAR, GNAR, X38A, X38A, Z40A, PBMO, PBMO, S40A, V37A, V37A, CWPT, CWPT, T38A, WADM, WADM, Y38A, PVMO, PVMO, EBZ, U37A, W37B, Z39A, PARMO, OXF, S39A, HALT, X37A, RELT, RELT, S36A, GLAT, GLST, GLST, T37A, T40A, TUL1, TUL1, U36A, U36A, V36A, Y37A, R40A, UTMT, 139A, R39A, W36A, R38A, S37A, 241A, 241A, X36A, T36A, Z37A, VBMS, V36A, 138A, Y36A, SIUC, S36A, R37A, R37A, V35A, W35A, U35A, U35A, T35A, SLM, Q39A, Q38A, 137A, X35A, Z36A, R36A, Q37A, 238A, NATX, NATX, S35A, 340A, Y35A, P39A, V34A, V34A, T34A, 339A, R35A, 237A, U34A, W34A, W34A, 136A, Q36A.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Time, Res, ISC. Includes stations like P38A, Z35A, S34A, X34A, P37A, 338A, 338A, Y34A, Q35A, 440A, 236A, U33A, OLIL, V33A, O40A, 439A, P36A, 337A, Q38A, R34A, Z34A, LRAL, O39A, 135A, W33A, O37A, X33A, S33A, KSU1, KSU1, KSU1, Q34A, 438A, 540A, SWET, O36A, W30K, Y33A, WHTX, WHTX, WHTX, 437A, 134A, V32A, U32A, P34A, N38A, N39A, W32A, Z33A, 538A, N37A, W31, O35A, Q33A, X32A, 335A, 234A, HDIL, HDIL, 436A, S32A, N36A, P33A, R32A, O34A, 133A, BLO, 537A, N35A, M38A, U31A, Q32A, T31A, S31A, 435B, M37A, 334A, 233A, O33A, CPCT, N34A, R31A, SFIN, SFIN, ABTX, ABTX, P32A, 434A, SCIA, Q31A.

Table with columns: ID, Name, Az, El, SNR, P, M, Az, El, SNR, P, M. Includes entries like N33A J Bar K, Exete, 6.78 325 P Pn, 10 51 28.6 +1.1, etc.

Table with columns: ID, Name, Az, El, SNR, P, M, Az, El, SNR, P, M. Includes entries like ECSD EROS Data Cent, 9.07 340 P Pn, 10 51 59.2 +0.4, etc.

Table with columns: ID, Name, Az, El, SNR, P, M, Az, El, SNR, P, M. Includes entries like F27A Lemmon, 12.88 328 P Pn, 10 52 48.6 -2.3, etc.

ISCJB 17 10:50:52.41.6.33:92S:0:06:72:50W:0:07,h6km,10km, mb3.9/2, Error ellipse: s-maj=10.0km s-min=9.4km az=163.0

IDC 17 10:50:53.1.2.34:00S:72:21W,h0km,mb3.9/3, mb1.4/0.4,mb1mx3.7/39,mbtm3.8/4,ML3.9/1,MS3.4/1, Ms1.3/4.1,ms1mx2.9/19, Error ellipse: s-maj=48.1km s-min=22.7km az=82.0

GUC 17 10:50:55.2.0.4.33:95S:0:06:72:50W:0:07,h10km,3km,ML4.1 ISC 17 10:50:55.2.0.4.33:95S:0:06:72:3W:0:1,h13km,23km, n15,-037/20, Off coast of central Chile

Table with columns: Code, Station Name, Az, El, SNR, P, M, Az, El, SNR, P, M. Includes entries like CHPI Pichilemu, 0.50 152 P Pn, 10 51 05.2 -0.7, etc.

MOS 17 10:51:04.5.1.8.54:06N:111:41E,h20km,mb4.2/1, Error ellipse: s-maj=28.9km s-min=12.4km az=85.2

BYKL 17 10:51:04.0.0.3.54:12N:111:42E ISC 17 10:51:04.2.0.7.54:13N:0:02:11:45E:0:02,h10km,n33, e214/67,6C-3D, Lake Baykal region

Table with columns: Code, Station Name, Az, El, SNR, P, M, Az, El, SNR, P, M. Includes entries like YLYR Ulyun Khan, 0.76 347 P Pn, 10 51 17.5 -1.4, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SYVR, KMO, Ukt, Niz, Uoyan, SVKR, OGRR, CIT, TRG, NLYR, KAB, HRMR, BOD, KPC, LSTR, IRK, CRS, TUP.

Table with columns for station name, frequency, power, and other technical details. Includes stations like TLY, ARS, ZAK, MOY, ULN, ORL, ISCJB, GUC, IOC Station P, PSIG, HMB, LPAZ, PB01, TOR, YKA, SONM, DHMR, NELYATY, KILIMA, WSAR, MBARARA, EIL, MMAI, GNI, GEYT, IDI, BRTR, KBZ, MLR, ABKAR, AKASG.

Table with columns for station name, frequency, power, and other technical details. Includes stations like AKASG, TOR, BOS, BVAR, MKAR, KURBB, KURK, DBIC, FINES, ZALV, CMAR, NOAN, SONM, NRIK, MJAR, ASAR, NEIC, CHPI, TACH, RCDM, NICH, EI, ANTU, SAN, LACH, PEL, VECH, COCH, CCHI, AUSP, RTLS, RTCV, RTVL, ACAN, AVFE, AGUA, PLCA, CPUP, LPAZ, SIV, BDFB, PMSA, TXAR, MAW, DBIC, LBTB, PDAR, NVAR, TOR, WRA, BRTR, AKASG, BVAR, ZALV, MKAR, SONM, IDC, ADEN.

17d 14h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BDHA Al Bayda, WSAR Wadi Sarin, EIL Elat, MMAI Mount Meron Ar, GNI Garni, GEYT Alibeck, BRTR Keskin Array B, BRTR Khabaz, GERES GERES Array B, BVAR Borovoye Array, MKAR Makanchi Array, ZALV Zalesovo Beam, CMAR Chiang Mai Arr, NOA NORPAR Array B, SONMI Songoing Array.

IDC 17 12:30:06.1.4, 12.3N, 0.244'E, 0.1, h10km, n10, 40542'11, mb3.9/5, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ADEN Aden, LBOS LBOS, BDHA Al Bayda, KMBO Kilima Mbogo, BRTR Keskin Array B, MKAR Makanchi Array, ZALV Zalesovo Beam, CMAR Chiang Mai Arr, TLY Talaya, SONMI Songoing Array.

MEX 17 12:36:37.0.2.6, 17.40N, 101.17W, h16km, gkm, MD3.7, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ZIIG Zihuatajejo, CAIG El Cayaco, ARIG Puente Sto Nin, PLIG Platanillo, YAIG Yautepac.

IDC 17 12:43:53.8.6.9, 31.66S, 178.37W, h0km, mb3.5/2, Error ellipse: s-maj=297.0km s-min=56.8km az=158.0, Kermadec Islands region

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

IDC 17 12:59:50.8.2.1, 12.38N, 44.13E, h0km, mb3.7/7, mb1 3.8/5, mb1mx3.6/42, mbtm3.7/7, MS3.7/3, Ms1 3.7/3, ms1mx3.0/52, Error ellipse: s-maj=54.8km s-min=29.1km az=176.0

IDC 17 12:59:51.4.1.2, 12.20N, 0.099, 44.15E, 0.08, h10km, n14, 40597'15, mb3.8/7, 1C, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ADEN Aden, UDYN Al Udayn, LBOS LBOS, BDHA Al Bayda, KMBO Kilima Mbogo, BRTR Keskin Array B, KVAR Kislovodsk Arr, TSUM Tsumeb, TORD Torodi Ar. Bea, MKAR Makanchi Array, KURBB Kurchatov Arr, ZALV Zalesovo Beam, CMAR Chiang Mai Arr, SONMI Songoing Array.

SJA 17 13:01:02.0.5.0, 29.79S, 69.67W, h121km, 5km, ML3.5, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like LCO Las Campanas, AMOG MOGNA, RTLL Cerro Villicun, RTLL Leontico, AVFE Valle Fertil, RTVC Cerro Valdivia, AACL CERRO LA CRUZ, AUSP Uspallata.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ACHE Chepes, CYA Choya.

IDC 17 13:05:19.4.3.0, 6.60S, 154.83E, h0km, mb3.4/3, mb1 3.6/4, mb1mx3.4/44, mbtm3.4/4, ML0.9/1, Error ellipse: s-maj=82.5km s-min=34.2km az=126.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, PMG Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array.

IDC 17 13:09:46.9.1.8, 11.55N, 0.344'E, 0.2, h10km, n10, 40937'10, mb3.7/8, Western Gulf of Aden

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like FURI Furi, BRTR Keskin Array B, AKASG Malin Array Be, TORD Torodi Ar. Bea, GERES GERES Array B, BVAR Borovoye Array, MKAR Makanchi Array, ZALV Zalesovo Beam, BBTS Babate, SONMI Songoing Array.

NSSC 17 13:15:48.9.1.0, 33.79N, 36.65E, h0km, gkm, ML2.5, ISCJB 17 13:15:49.3.0.7, 33.80N, 0.04, 36.65E, 0.04, h8km, 7km, Error ellipse: s-maj=6.6km s-min=4.9km az=146.5

CSEM 17 13:15:49.2.0.2, 33.79N, 36.65E, h15km, ML2.5, Error ellipse: s-maj=3.7km s-min=2.9km az=148.0

GRAL 17 13:15:50.0.0.4, 33.76N, 36.69E, h28km, 21km, MD3.2, ISC 17 13:15:49.3.1.1, 33.79N, 0.03, 36.65E, 0.03, h15km, 9km, n17, 4030'30, Jordan-Ysria region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like QASN Qassioun, ROOS il alroos, BRBR Barbar, RCY Rachaya, HWQ Hawqa, BHL Bhanes, DQR Deir Qamar, DQRL Deir Qamar, SALA Sala, TCHB Talchebab.

DHMR 17 13:16:12.2.1.6, 12.22N, 44.14E, h0km, 4km, ML3.9, 1C, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ADEN Aden, UDYN Al Udayn, LBOS LBOS, BDHA Al Bayda, DHBB Dhamar BB.

IDC 17 13:18:49.4.2.2, 11.64N, 44.21E, h0km, mb3.8/9, mb1 3.9/9, mb1mx3.6/57, mbtm3.8/9, MS3.4/6, Ms1 3.4/6, ms1mx3.1/44, Error ellipse: s-maj=55.5km s-min=18.5km az=160.0

IDC 17 13:18:48.8.1.4, 11.33N, 0.244'E, 0.09, h10km, n16, 41537'12, mb3.9/9, MS3.3/5, Western Gulf of Aden

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ATD Arta Tunnel, FURI Furi, WSAR Wadi Sarin, MMAI Mount Meron Ar, GNI Garni, BRTR Keskin Array B, BRTR Khabaz, AKTO Aktyubinsk.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like AKASG Malin Array Be, TORD Torodi Ar. Bea, GERES GERES Array B, BVAR Borovoye Array, MKAR Makanchi Array, KURBB Kurchatov Arr, ZALV Zalesovo Beam, SONMI Songoing Array.

NIED 17 13:27:00, 38.20N, 138.20E, h5km, Mw3.4, Best double couple: Mb1.2400x1014, M1.19x48.00000, 841.00000, 7.94.00000, NP2x222.00000, 349.00000, 7.87.00000, JMA 17 13:27:17.8, 38.21N, 138.16E, h1km, Ms3.7, 3C-4D, Near west coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JSD Sado, JSD Izumozaki, JAW Awa shima, JSZ Suzu, JNS Sasagawa, JHG Hegura jima, JJJ Nakama, MAT Matsuhiro.

DJA 17 13:28:39.5.0.4, 7.57, 10.8E, h10km, M3.7/7, mb4.0/1, ML3.5/7, Jawa

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CISI Cisompet, Garu, CNJI Cibinong, LEAM Lembang, CMJI Cimerak, SCJL Gunung Srandil, CGJL Cibinong, PCJL Pacitan, SMRI Semarang Arr, UGM Wanagama, WOJL Wonogiri, Jawa, UJWL Ujung Watu, PWJI Pagerwojo, JAGI Jajag, Banyuwya.

IDC 17 13:29:07.1.3.0, 11.57N, 44.32E, h0km, mb3.7/7, mb1 3.7/7, mb1mx3.4/50, mbtm3.7/7, MS3.5/5, Ms1 3.5/5, ms1mx3.1/35, Error ellipse: s-maj=78.0km s-min=30.3km az=162.0

IDC 17 13:29:09.7.1.7, 11.38N, 0.244'E, 0.2, h10km, n16, 41517'13, mb3.7/7, MS3.4/4, 1C, Western Gulf of Aden

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ADEN Aden, UDYN Al Udayn, LBOS LBOS, BDHA Al Bayda, KMBO Kilima Mbogo, GNI Garni, GEYT Alibeck, BRTR Keskin Array B, LSZ Lusaka, MATP Matpat, TORD Torodi Ar. Bea, BVAR Borovoye Array, MKAR Makanchi Array, KURBB Kurchatov Arr, ZALV Zalesovo Beam, SONMI Songoing Array.

ISCJB 17 13:48:39.3.0.9, 1.41N, 0.1x145.6E, 0.2, h100km, mb3.6/8, Error ellipse: s-maj=24.2km s-min=12.6km az=32.9

IDC 17 13:48:40.9.1.1, 1.398N, 145.44E, h99km, 8km, mb3.4/8, mb1 3.6/8, mb1mx3.4/38, mbtm3.7/8, MS3.1/1, Ms1 3.1/1, ms1mx2.6/14, Error ellipse: s-maj=28.8km s-min=18.2km az=99.0

IDC 17 13:48:41.0.1.1, 1.410N, 0.1x145.5E, 0.2, h100km, n10, 40575'10, mb3.6/8, Mariana Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like GUMO Gumu, MJAR Matsuhiro Arr, KRSR Korea Array, WRA Warramunga Arr, ASAR Alice Springs, ILAR Gisladars Array, YKA Yellowknife Arr, FINES FINES Array B.

ISCJB 17 14:02:21.6.1.4, 11.81N, 0.244'E, 0.2, h4km, mb3.6/6, MS3.5/7, Error ellipse: s-maj=34.5km s-min=10.4km az=41.5

IDC 17 14:02:23.6.2.8, 11.88N, 44.14E, h0km, mb3.7/6, mb1 3.7/6, mb1mx3.6/27, mbtm3.7/6, MS3.6/8, Ms1 3.6/8, ms1mx3.3/34, Error ellipse: s-maj=67.1km s-min=30.0km az=160.0

IDC 17 14:02:24.1.1.9, 11.91N, 0.244'E, 0.2, h4km, n14, 41911'9, mb3.6/8, MS3.4/7, Western Gulf of Aden

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like LBOS LBOS, BDHA Al Bayda.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like V37A Hulbert, Z39A Irene McRaven, U37A Salina, etc.

IDC 17 15:15:57.0:999.0,57.35N:2.17E,h0km, Error ellipse: s-maj=551.0km s-min=239.2km az=102.0, North Sea

IDC 17 15:32:49.0:1.0,5.20S:145.97E,h0km,mb4.0/6, mb1 4.2/9, mb1mx4.0/33, mbtmp4.1/9, ML4.3/2, MS3.2/3, Ms1 3.2/3, ms1mx2.8/24, Error ellipse: s-maj=37.0km s-min=20.1km az=100.0

IDC 17 15:32:53.1:0.9,5.36S:0.07:146.0E:0.1,h35km,mb3.9/7, MS3.1/2, Error ellipse: s-maj=19.0km s-min=9.5km az=167.6

NEIC 17 15:32:54.7:0.9,5.22S:145.92E,h35km,mb4.2/1, Error ellipse: s-maj=25.4km s-min=12.6km az=88.0

IDC 17 15:32:54.7:0.9,5.33S:0.09:146.0E:0.1,h35km,n16, s1500/17,mb4.2/7, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, PMG Port Moresby, COEN Coen, CTA Charters Tower, etc.

IDC 17 15:41:57.1:6.1,26.78N:141.27E,h0km,mb3.7/2, mb1 3.7/3, mb1mx3.3/32, mbtmp3.6/3, ML3.3/1, Error ellipse: s-maj=147.0km s-min=85.7km az=100.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MJAR Matsushiro Arr, MKAR Makanchi Arr, FINES FINESS Array B, etc.

KRNET 17 15:47:05.0:1.1,39.79N:72.90E,h0km,mb3.2 NNC 17 15:47:08.5:2.1,39.77N:72.88E,h0km,mb3.7,mpv3.4, Error ellipse: s-maj=20.9km s-min=12.1km az=151.0

IDC 17 15:47:07.9:1.9,39.84N:0.07:72.77E:0.05,h5km,n13km, n27, s1579/40,21C-15, Kyrgyzstan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like OHH Osh, BTK Batken, ARK Arkit, etc.

Table with columns: AAK, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like AAK Ala-Archa, DZET Dzhirgatalay, KBK Karagaybulak, etc.

IDC 17 15:48:46.3:1.2,32.97S:178.49W,h0km,mb4.2/4, mb1 4.5/5, mb1mx4.0/27, mbtmp4.2/5, ML4.3/1, MS3.6/6, Ms1 3.6/6, ms1mx3.2/31, Error ellipse: s-maj=48.4km s-min=25.7km az=145.0

IDC 17 15:48:48.0:0.9,33.06S:0.06:178.4W:0.1,h32km, mb4.5/8, MS3.5/5, Error ellipse: s-maj=18.3km s-min=7.8km az=15.0

NEIC 17 15:48:51.0:0.7,33.01S:178.40W,h35km,mb4.8/4, Error ellipse: s-maj=19.7km s-min=15.1km az=142.0

IDC 17 15:48:50.9:1.0,33.0S:0.1:178.4W:0.2,h32km,n37, s1520/33,mb4.5/7, MS3.6/5, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WMGZ Waioataitini S, HAZ Te Kaha, PUZ Puketiti, etc.

IDC 17 16:00:11.1:1.0,8.11:75N:0.07:44:25E:0.06,h10km, mb3.6/8, MS3.3/8, Error ellipse: s-maj=11.7km s-min=6.2km az=138.7

IDC 17 16:00:11.1:1.6,11.66N:44.18E,h0km,mb3.6/8, mb1 3.7/8, mb1mx3.6/39, mbtmp3.6/8, MS3.4/11, Ms1 3.4/11, ms1mx3.2/43, Error ellipse: s-maj=43.0km s-min=16.2km az=107.0

IDC 17 16:00:12.9:1.0,11.78N:0.09:44:14E:0.09,h10km,n23, s1596/18,mb3.6/8,MS3.2/8, Western Gulf of Aden

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ADEN Aden, ATD Arta Tunnel, UDYN Al Udayn, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ANOYA Anoyia, BRTR Keskin Array B, BRTR Keskin Array A, etc.

IDC 17 16:09:31.8:3.0,32.96S:178.51W,h0km,mb3.6/2, mb1 3.8/3, mb1mx3.6/29, mbtmp3.6/3, ML3.4/1, Error ellipse: s-maj=69.8km s-min=36.1km az=116.0, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like URZ Urewera, URZ Urewera, ASAR Alice Springs, etc.

IDC 17 16:13:57.5:12.0,12.16S:167.29E,h260km,n118km, mb3.4/9, mb1 3.5/9, mb1mx3.3/33, mbtmp3.9/9, MS3.5/1, Ms1 3.5/1, ms1mx2.5/17, Error ellipse: s-maj=47.6km s-min=31.5km az=104.0, Santa Cruz Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CTA Charters Tower, STKA Stephens Creek, WRA Warramunga Arr, etc.

NNC 17 16:25:02.7:6.1,37.04N:71.17E,h0km,mb3.6,mpv3.3, 5C-2D, Error ellipse: s-maj=51.0km s-min=25.2km az=172.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like DZET Dzhirgatalay, DZET Dzhirgatalay, KK31 Karatay Array, etc.

KLM 17 16:30:18.9,2.01S:124.34E,h97km,mb4.5,MS5.7 IDC 17 16:31:21.5:1.0,1.63N:121.17E,h0km,mb3.7/6, mb1 3.8/7, mb1mx3.6/37, mbtmp3.7/7, ML3.8/1, MS3.4/2, Ms1 3.4/2, ms1mx2.7/39, Error ellipse: s-maj=47.9km s-min=16.9km az=69.0

IDC 17 16:31:25.0:0.4,1.69N:0.04:120.85E:0.05,h37km, mb3.9/9, MS3.9/1, Error ellipse: s-maj=7.8km s-min=5.2km az=157.5

DJA 17 16:31:26.2:0.3,2.1N:3.12E:1.1E:1.1E,h10km,M4.5/14,mb4.7/1, mb4.6/6, MLV4.4/14, Mw(m)3.9/1

NEIC 17 16:31:26.5:0.7,1.78N:121.19E,h35km,mb4.1/4, Error ellipse: s-maj=31.6km s-min=11.2km az=53.0

IDC 17 16:31:26.8:0.7,1.71N:120.85E:0.06,h37km,n35, s211/36,mb3.9/4C,Minahasa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like MRSI Marisa, MPST Mapaga, GTOI Gorontalo, etc.

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

MEX 17 17:44:55.4-1.7, 71.74N:44.09E, h0km, mb3.5/6, Error ellipse: s-maj=45.8km s-min=17.2km az=165.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like ACP2, PINOTEP, CAIG, etc.

MEX 17 17:44:55.4-1.7, 71.74N:44.09E, h0km, mb3.5/6, Error ellipse: s-maj=45.8km s-min=17.2km az=165.0

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

ISC 17 17:44:55.4-1.7, 71.74N:44.09E, h0km, mb3.5/6, Error ellipse: s-maj=45.8km s-min=17.2km az=165.0

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

ISC 17 17:44:55.4-1.7, 71.74N:44.09E, h0km, mb3.5/6, Error ellipse: s-maj=45.8km s-min=17.2km az=165.0

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

ISC 17 17:44:55.4-1.7, 71.74N:44.09E, h0km, mb3.5/6, Error ellipse: s-maj=45.8km s-min=17.2km az=165.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like RISSD, K22A, etc.

ISC 17 17:44:55.4-1.7, 71.74N:44.09E, h0km, mb3.5/6, Error ellipse: s-maj=45.8km s-min=17.2km az=165.0

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

ISC 17 17:44:55.4-1.7, 71.74N:44.09E, h0km, mb3.5/6, Error ellipse: s-maj=45.8km s-min=17.2km az=165.0

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

Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like MAJO, JNU, KSRS, etc.

ISC 17 17:44:55.4-1.7, 71.74N:44.09E, h0km, mb3.5/6, Error ellipse: s-maj=45.8km s-min=17.2km az=165.0

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

ISC 17 17:44:55.4-1.7, 71.74N:44.09E, h0km, mb3.5/6, Error ellipse: s-maj=45.8km s-min=17.2km az=165.0

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

ISC 17 17:44:55.4-1.7, 71.74N:44.09E, h0km, mb3.5/6, Error ellipse: s-maj=45.8km s-min=17.2km az=165.0

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

ISC 17 17:44:55.4-1.7, 71.74N:44.09E, h0km, mb3.5/6, Error ellipse: s-maj=45.8km s-min=17.2km az=165.0

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

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

MDD 17 18:16:40.1-2.6, 37.29N:13.61W, h0km, mb3.6/8, Error ellipse: s-maj=22.4km s-min=16.0km az=37.0, PRXIMO

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like P214A, etc.

ISC 17 18:16:40.1-2.6, 37.29N:13.61W, h0km, mb3.6/8, Error ellipse: s-maj=22.4km s-min=16.0km az=37.0, PRXIMO

Main table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like P214A, P214A, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ELOB Lobios, MVO Moncorvo, EPLA Plasencia, etc.

IDC 17 18:40.1±2.2, 43.71N-105.28W, h0km, mb1 3.4/2, mb1mx3.1/31, mbtmp3.2/2, ML2.6/2, Error ellipse: s-maj=58.9km s-min=8.7km az=151.0

NEIC 17 18:44.1±1.2, 43.34N-104.59W, h0km, ML3.0, Error ellipse: s-maj=20.4km s-min=9.7km az=115.0, Suspected Mining explosion.

NEIC 65 km [40 miles] SSW of Newcastle. ISC 17 18:42.0±0.1, 43.96N-108.105±21W, h0km, n13, r14E, 21W, Wyoming

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RSSD Black Hills, K22A Casper, PDAR Pinedale Array, etc.

ISCJB 17 18:19:07.9±0.9, 35.26N-102.92±33W, 0.0/3, h5km, 6km, Error ellipse: s-maj=4.7km s-min=3.7km az=12.6

NEIC 17 18:19:09.0±0.3, 35.26N-92.36W, h5km, MD2.5(CERI), After CERI.

NEIC Felt [I] at Greenbrier. ISC 17 18:19:08.3±1.3, 35.26N-103.92±34W, 0.0/4, h3km±11km, n27, r08E/39, Arkansas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like UALR University of, W40A Ferguson Farm, W40A, etc.

ISCJB 17 18:43:01.3±1.4, 11.90N-102.44±1E, 0.1, h4km, mb3.6/7, MS3.8/4, Error ellipse: s-maj=38.0km s-min=8.4km az=151.9

IDC 17 18:43:02.4±1.9, 11.90N-102.44±1E, h0km, mb3.6/7, mb1 3.7/8, mb1mx3.6/44, mbtmp3.7/8, ML3.2/1, MS3.7/4, Ms1 3.7/4, ms1mx3.1/41, Error ellipse: s-maj=49.2km s-min=18.1km az=155.0

ISC 17 18:43:03.2±1.6, 12.00N-102.44±1E, 0.2, h4km, n16, r10S/11, mb3.5/7, MS3.8/4, Western Gulf of Aden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ATD Arta Tunnel, FURI Furi, KMB0 Kilima Mbogo, etc.

NEIC 17 18:43:29.6±43.60S-172.52E, h8km, ML3.8(WEL), After WEL.

NEIC Felt in the Christchurch area. WEL 17 18:43:29.6±0.1, 43.60S-172.53E, h9km, ML3.8/18, 4C-3D, Error ellipse: s-maj=0.8km s-min=0.5km az=90.0, South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CR LZ Canterbury Las, CR LZ Canterbury Las, CR LZ, etc.

IDC 17 18:44:59.0±2.8, 11.40N-144.40E, h0km, mb3.3/4, mb1 3.3/4, mb1mx3.2/45, mbtmp3.3/4, Error ellipse: s-maj=77.3km s-min=22.5km az=163.0, Western Gulf of Aden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ATD Arta Tunnel, ATD, ATD, BRTR Keskin Array B, etc.

IDC 17 18:50:41.1±1.8, 32.82S-178.39W, h0km, mb4.1/2, mb1 4.3/3, mb1mx3.9/28, mbtmp4.0/3, ML3.7/1, Error ellipse: s-maj=61.5km s-min=36.0km az=143.0, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like URZ Urewera, URZ, ASAR Alice Springs, etc.

IDC 17 19:08:08.4±5.4, 6.23S-128.57E, h315km, 58km, mb2.5/1, mb1 2.9/5, mb1mx2.7/39, mbtmp3.5/5, Error ellipse: s-maj=71.1km s-min=22.0km az=59.0, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BATI Baumata, FITZ Fitzroy Crossi, FITZ, etc.

IDC 17 19:13:50.5±12.0, 37.27N-71.48E, h114km, 151km, mb3.3/3, mb1 3.3/5, mb1mx3.0/43, mbtmp3.6/5, ML3.2/2, Error ellipse: s-maj=108.4km s-min=51.1km az=105.0

NMC 17 19:14:03.4±7.5, 37.71N-71.84E, h234km±101km, mb2.0, mpv3.2, Error ellipse: s-maj=92.6km s-min=39.5km az=136.0

ISC 17 19:14:00.2±4.3, 37.4N-72.72E±0.1, h200km, n17, r149/19, mb3.5/3, 2C-5D, Tajikistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DZET Dzerhino, DZET, AML Almayashu, etc.

BUC 17 19:28:44.0±0.6, 47.54N-22.43E, h2km, MD2.8/2, Error ellipse: s-maj=8.6km s-min=5.1km az=4.0

SIGU 17 19:28:45.7±47.69N-22.46E, h6km, mb1.7, ISC 17 19:28:44.2±1.2, 47.58N-22.39E±0.03, h9km±12km, n22, r08E/76/33, 12C-2D, Romania

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TRSU Trosnyk, TRSU, BMR Baia Mare, etc.

17d 20h

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CTBH Cotabato-PC H, GUPK Matusan, MATI Masi, PAGZ Pagadian, CGP Cagayan de Oro.

MAN 17 19:51:12.640N x 124.79E, h22km, mb4.8, ML3.7, MS3.7, 2C, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TNTI Ternate, FITZ Fitzroy Cross, WRAB Tennant Creek, WRA Warramunga Arr, ASAR Alice Springs, CMAR Chiang Mai Arr, CHTO Chiang Mai, KRSR Korea Array, MJAR Matsushiro Arr, STKA Stephens Creek, USRK Ussuriysk Ar, LSA Lhasa, SONM Songino Array, MKAR Makanchi Array, KURK Kurchatov, BRVK Borovoye, GEYT Geyt.

JMA 17 20:36:39.5, 24.23N; 121.68E, h37km, 1km, M3.0, ISCJB 17 20:36:40.9, 0.2, 24.30N, 0.02, 121.76E, 0.02, h24km, 2km, Error ellipse: s-maj=3.3km s-min=2.2km az=140.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like EHP Heping Village, ENA Nanau, ENA Nanau, TWD Chiawan, TWC Suao, TWC Suao, HWA Hwaiien, NNS Nan Shan, NNS Nan Shan, ENT1 Nioudou, ENT2 Nioudou, TWE Neicheng, TWA Mucha, TWA Mucha, TWT Tachien, TWT Tachien, ESL Shiin, EGS Shiin, TEGC Jichi Village, TWA Mucha, TWA Mucha, TWT Tachien, TWT Tachien, NWF Wu-fen Shan, NWF Wu-fen Shan.

2011 FEB

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NSTT Nanjangu, TAP1 Taipei, TAP2 Taipei, TAP3 Taipei, NCU National Centr, TWS1 Kuangyinshan, HSN Hsinchu, HSN Hsinchu, EHY Hungye, SMLT Sun Moon Lake, SMLT Sun Moon Lake, TWS1 Kuangyinshan, TYC Taichung, TYC Taichung, TCU Taichung, TCU Taichung, WNT Wnt, WNT Wnt, YJUN Yonjunjimaku, YJUN Yonjunjimaku, YOJ Yonaguni jima, YOJ Yonaguni jima, ALS Alishan, ALS Alishan, CHNS Tsalung, CHNS Tsalung, CHNS Tsalung, CHKT Chengkung, CHKT Chengkung, WGK Gulung, WGK Gulung, ELDT Lidai, ELDT Lidai, CHN2 Minshiang, CHN2 Minshiang, WTC2 Ta-ch'eng, WTC2 Ta-ch'eng, WTC1 Ta-ch'eng, WTC1 Ta-ch'eng, CHN4 Tsaushan, CHN4 Tsaushan, CHN4 Tsaushan, STYT Taurian, STYT Taurian, CHY Chiayi, CHY Chiayi, WTP Ta-pu, WTP Ta-pu, TWK Hsiinying, TWK Hsiinying, TWK Hsiinying, WSF Szu, WSF Szu, CHN1 Nanshi, CHN1 Nanshi, CHN1 Nanshi, CHN1 Nanshi, SCLT Jialoi, SCLT Jialoi, SCLT Jialoi, ECL Taimali, ECL Taimali, SSD Sandimen, SSD Sandimen, HATJ Hateruma jima, HATJ Hateruma jima, TWMT Shoushan, TWMT Shoushan, JKRS Kuro-shima, JKRS Kuro-shima, EAST Anshu, EAST Anshu, PNG Penghu, PNG Penghu, JIJ Ishigaki jima, JIJ Ishigaki jima, SCZT Fangliu, SCZT Fangliu, LAY Lam-yu, LAY Lam-yu, JISG Ishigakijimahi, JISG Ishigakijimahi, JIJ Tarama, JIJ Tarama.

WEL 17 20:37:01.4, 0.2, 38.28S; 176.72E, h83km, 1km, ML4.4/20, Error ellipse: s-maj=0.9km s-min=0.8km az=0.0, WEL Felt between Rotorua and Bay of Plenty, maximum reported intensity MM 4.

844

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RRRR Republican Roa, RRRR Republican Roa, TARZ Mount Tarawera, TARZ Mount Tarawera, EDZ Edgecumbe, EDZ Edgecumbe, MKRZ Makatiti, MKRZ Makatiti, HLRZ Highlands Stat, HLRZ Highlands Stat, PRZ Plateau Road, PRZ Plateau Road, URZ Urewera, URZ Urewera, URZ Urewera, URZ Urewera, MARZ Manawhae, MARZ Manawhae, HRRZ Handcock Road, HRRZ Handcock Road, HRRZ Handcock Road, OMRZ Omara, OMRZ Omara, HSRZ Hossack Road, HSRZ Hossack Road, ALRZ Allen Road, ALRZ Allen Road, ALRZ Allen Road, UTU Utuhina, UTU Utuhina, WPRZ Whakapapatarin, WPRZ Whakapapatarin, KARZ Kaharoa, KARZ Kaharoa, ORZ Ohinepanea, ORZ Ohinepanea, OPRZ Opapeke, OPRZ Opapeke, MRHZ Matea Rd, MRHZ Matea Rd, RAGZ Rawiri, RAGZ Rawiri, RAGZ Rawiri, MWZ Matawai, MWZ Matawai, MWZ Matawai, MWZ Matawai, RAHZ Aarahi, RAHZ Aarahi, SNGZ Shannon Statio, SNGZ Shannon Statio, SNGZ Shannon Statio, WHTZ Whakaora, WHTZ Whakaora, WHTZ Whakaora, TGZ Taunanga, TGZ Taunanga, KUTZ Kaahu Road, KUTZ Kaahu Road, KUTZ Kaahu Road, HATZ Hinemaiaia, HATZ Hinemaiaia, NMHZ Naumai, NMHZ Naumai, WHZ Waihua, WHZ Waihua, BKZ Black Stump Fm, BKZ Black Stump Fm, BKZ Black Stump Fm, WATZ Wairara, WATZ Wairara, WATZ Wairara, WIZ White Island, WIZ White Island, TKGZ Te Karaka, TKGZ Te Karaka, RIGZ Rimuhau, RIGZ Rimuhau, RATZ Rangitukua, RATZ Rangitukua, RATZ Rangitukua, TLZ Tolley Road, TLZ Tolley Road, TLZ Tolley Road, ARHZ Aroapanui, ARHZ Aroapanui, ARHZ Aroapanui, TWGZ Tauwharepareae, TWGZ Tauwharepareae, TWGZ Tauwharepareae, HAZ Te Kaha, HAZ Te Kaha, HAZ Te Kaha, KNZ Kokohu, KNZ Kokohu, KNZ Kokohu, KATZ Kakaramea, KATZ Kakaramea, KATZ Kakaramea, PRGZ Paritua Road, PRGZ Paritua Road, MYRZ Mayor Island, MYRZ Mayor Island, MCHZ McNeill Hill, MCHZ McNeill Hill, MCHZ McNeill Hill, TOZ Te Turoa Road, TOZ Te Turoa Road, TOZ Te Turoa Road, KRZV Karewarewa, KRZV Karewarewa, KRZV Karewarewa, PKGZ Pakihiroa, PKGZ Pakihiroa, PKGZ Pakihiroa, OTVZ Oturere, OTVZ Oturere, OTVZ Oturere, CNGZ Carnagh Statio, CNGZ Carnagh Statio, CNGZ Carnagh Statio, WTVZ West Tongariro, WTVZ West Tongariro, WTVZ West Tongariro, NGZ Ngauruhoe, NGZ Ngauruhoe, NGZ Ngauruhoe, PUZ Puketitii, PUZ Puketitii, PUZ Puketitii, PUZ Puketitii, MAHZ Mahia Peninsula, MAHZ Mahia Peninsula, MAHZ Mahia Peninsula, TWVZ Taurewa, TWVZ Taurewa, TWVZ Taurewa, TWVZ Taurewa, TUZV Tukino, TUZV Tukino, TUZV Tukino, BHZ Black Hill Sta, BHZ Black Hill Sta, BHZ Black Hill Sta, FWVZ Far West T-bar, FWVZ Far West T-bar, FWVZ Far West T-bar, WHVZ Whangaehu Hut, WHVZ Whangaehu Hut, WHVZ Whangaehu Hut, DRZ Dome Shelter, DRZ Dome Shelter, DRZ Dome Shelter, MOVZ Moawhango, MOVZ Moawhango, MOVZ Moawhango, WNVZ Wahianoa, WNVZ Wahianoa, WNVZ Wahianoa, TRVZ Turoa, TRVZ Turoa, TRVZ Turoa, KRHZ Kereru, KRHZ Kereru, KRHZ Kereru, CKHZ Cape Kidnapper, CKHZ Cape Kidnapper, CKHZ Cape Kidnapper, MTVZ Mangateitei, MTVZ Mangateitei, MTVZ Mangateitei, PKVZ Pokaka, PKVZ Pokaka, PKVZ Pokaka, MXZ Matakaoa Point, MXZ Matakaoa Point, MXZ Matakaoa Point, MXZ Matakaoa Point, KAHZ Kahuranaki, KAHZ Kahuranaki, KAHZ Kahuranaki, HIZ Haurangi, HIZ Haurangi, HIZ Haurangi, PNHZ Pukenui, PNHZ Pukenui, PNHZ Pukenui, PNHZ Pukenui, PKZ Pawanui, PKZ Pawanui, PKZ Pawanui, PKZ Pawanui, VRZ Vera Road, VRZ Vera Road, VRZ Vera Road, MKAZ Moumakai, MKAZ Moumakai, MKAZ Moumakai, WPHZ Waipukurau, WPHZ Waipukurau, WPHZ Waipukurau, KUZ Kaotunou, KUZ Kaotunou, KUZ Kaotunou, KUZ Kaotunou.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like KUZ, TSZ, PRZH, WAZ, etc.

IDC 17 20:49:22.1±1.5, 11.73N, 44.07E, h0km, mb3.7/8, mb1 3.8/8, mb1mx3.6/3.4, mb1mx3.6/3.4, ms1mx3.1/5.6, Error ellipse: s-maj=42.3km s-min=15.4km az=163.0

ISC 17 20:49:20.2±1.2, 11.22N, 0.144, 17E, 0.08, h10km, n19, +1913/11, mb3.9/8, MS3.2/6, Western Gulf of Aden

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like ATD, FURI, KMBO, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like GEYT, BRTR, KBZ, etc.

IDC 17 20:01:00.8±0.4, 14.76S, 166.48E, h0km, mb4.7/22, mb1 4.8/25, mb1mx4.7/1.71, mbmp4.7/25, ML2.6/1, MS5.2/30, Ms1 5.2/30, ms1mx5.1/3.9, Error ellipse: s-maj=14.7km s-min=1.3km az=72.0

ISCJB 17 20:51:04.9±0.2, 14.20S, 0.03, 166.50E, 0.03, h34km, mb5.2/32, MS5.3/18, Error ellipse: s-maj=4.7km s-min=1.0km az=11.4

GCMT 17 20:51:04.6±0.1, 14.24S, 166.29E, h12km, MW5.6/128, Moment Tensor Solution, s108, c188, s128, c315; Duration: 1s6 Moment tensor: Scale 10^17Nm; Mn: 2.13e-04; M2: 0.55e-03; M3: 1.58e-04; M4: 1.27e-09; M5: 2.70e-03; M6: 0.26e-10; Best double couple: M3: 4.2900e+107 NP1: 112.00000, 863.00000, 7.51.00000; NP2: 353.00000, 846.00000, 7.141.00000

Principal axes: T: 2.8540, P1g54.0000, Azm332.0000; N: 1.1480, P1g34.0000, Azm132.0000; P: -4.0050, P1g10.0000, Azm229.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface/mantle waves, cutoff=50s

NEIC 17 20:51:04.6±0.3, 14.17S, 166.47E, h22km, mb5.5/78, MS5.3/90, MW5.6 Error ellipse: s-maj=5.5km s-min=4.9km az=124.0

BUI 17 20:51:05.8, 14.20S, 166.40E, h34km, mb5.0/48, MB5.4/57, MS5.5/76, MS7.5/272

MOS 17 20:51:05.9±1.4, 13.97S, 166.38E, h33km, mb5.6/44, MS5.3/22, Error ellipse: s-maj=9.7km s-min=7.7km az=126.8

NEIC 17 20:51:06.0±0.0, 14.23S, 166.17E, h34km, Moment Tensor Solution, s12, Moment tensor: Scale 10^17Nm; Mn: 1.10, M2: 0.50, M3: 0.60, M4: 0.80, M5: 2.50, M6: 0.40; Best double couple: M3: 3.00000, 1017 NP1: 276.00000, 871.00000, 127.00000; NP2: 177.00000, 865.00000, 1.159.00000; Principal axes: T: 2.5000, P1g32.0000, Azm137.0000; N: 0.6000, P1g57.0000, Azm308.0000; P: -3.1000, P1g4.0000, Azm45.0000

ISC 17 20:51:05.9±0.3, 14.21S, 0.04, 166.51E, 0.04, h27km, mb5.1km, h27km; p-P, n536, 192/470, mb5.4/141, MS5.3/159, 46C-26, Vanuatu Islands

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

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res. Includes stations like MXZ, CMSA, URZ, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like Hallett, Wether Hill Ro, Alice Springs, Wake Island Hy, etc.

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

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like NJ2, NJ2, NJ2, QIZ, QIZ, QIZ, etc.

Table of astronomical observations for 17d 21h, listing stations like YKA, NVS, KSH, NRIK, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 2011 FEB, listing stations like BURAR, VRI, PLO, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 2011 FEB, listing stations like ARSA, LASK, KBA, etc., with columns for station name, coordinates, and observation details.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VVDA, YSS, USRK, PETK, BJAT, CMAR, CHTO, MA2, QSPA, SEY, GQ, YAK, YAK, SONM, BILL, PMR, PPLA, MCK, TLY, COLA, ILAR, COLD, NEW, HWUT, MKAR, ZALV, YKA, ARCES, FINES, EMMW, AKASG, GERES, KEST, KEST, ESDC, ESDC, TORD, WEL 17 21:14:47.5:0.4, 37.31S-175.95E, h198km, 4km, ML3.7/5, 2C, Error ellipse: s-maj=6.1km s-min=3.4km az=0.0, North Island.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TWVZ, WTVZ, NGZ, MWZ, MWZ, BKZ, RAHZ, NMHZ, NMHZ, TUWZ, FWVZ, SNGZ, TRVZ, WNVZ, PKVZ, MOVZ, MIVZ, WHVZ, ARHZ, ARHZ, RIGZ, MCHZ, KHZ, KRHZ, WMGZ, WAZ, PNHZ, KAHZ, TSZ, WPHZ, DVHZ, PRHZ, MRZ, MRZ, BFZ, CWZ, CPWZ, HOWZ, KIWZ, DMWZ, TRWZ, TCW, MSWZ, PNWZ, TUWZ, NNZ, GRZ, THZ, MTZ.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like EDZ, EDZ, MARZ, MARZ, MKRZ, MKRZ, TARZ, OPRZ, OPRZ, LIPZ, OMRZ, RRRZ, RRRZ, HLZ, KARZ, PRZ.

Table with columns: ALRZ, MWZ, SNWZ, RAHZ. Includes station names and coordinates.

IDC 17 21:20:35.9:1.4, 43.25N:145.27E, h0km, mb3.6/7, mb1 3.7/8, mb1mx3.37, mbtmp3.6/8, ML3.2/1, Error ellipse: s-maj=34.6km s-min=27.4km az=107.0
ISCJB 17 21:20:50.5:0.1, 42.94N:107.04W, h106km, mb3.5/7, Error ellipse: s-maj=7.7km s-min=4.8km az=153.6
JMA 17 21:20:51.8:0.1, 42.98N:144.10E, h100km, 1km, MS2
SKHL 17 21:20:53.6:0.6, 42.64N:144.45E, h35km, 1km, mb4.6/1
ISCHL 17 21:20:51.4:0.8, 42.94N:107.04W, h101km, 6km, n31, 0579/38, mb3.5/7, Hokkaido region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JOB, JOB, JAR, JAR, JAK, JAK, JCH, JCH, JNK, JNK, JTKR, JTKR, JFR, JFR, JNBK, JNBK, JMP, JMP, JRA, JRA, NEM2, NEM2, JBT2, JBT2, JJK2, JJK2, ASAJ, ASAJ, ASAJ, ASAJ, YUK, YUK, YUK, YUK, YUK, YUK, KUR, KUR, KUR, KUR, YSS, YSS, MJAR, MJAR, SONM, SONM, H1N2, H1N2, H1N1, H1N1, H1N3, H1N3, H1S1, H1S1, H1S3, H1S3, H1S2, H1S2, ZALV, ZALV, MKAR, MKAR, ILAR, ILAR, WRA, WRA, FINES, FINES, NOA, NOA.

WEL 17 21:14:47.5:0.4, 37.31S-175.95E, h198km, 4km, ML3.7/5, 2C, Error ellipse: s-maj=6.1km s-min=3.4km az=0.0, North Island
WEL 17 21:14:52.0:1.1, 38.06S-176.71E, h2km, ML2.5/3, 4C-3D, Error ellipse: s-maj=0.5km s-min=0.3km az=90.0, North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SCPH, SCPH, BUTP, BUTP, MASIN, MASIN, MSLP, MSLP, BIPH, BIPH, CGP, CGP, TBP, TBP, LLP, LLP, OPLP, OPLP, PLP, PLP, BUKP, BUKP, BIPH, BIPH, DAV, DAV, PAGZ, PAGZ, CTBH, CTBH, MATI, MATI, GUIM, GUIM, RCP, RCP, IPIL, IPIL, CMAR, CMAR, WRA, WRA, SONM, SONM, MKAR, MKAR, FINES, FINES, YKA, YKA, MAN 17 21:20:31.13:26N:120.90E, h68km, mb4.1, ML2.9, MS2.6, 1C, Mindoro

Table with columns: SJMP, BUSP, ENPP, Coron, Cuyo Island, El Nido. Includes station names and coordinates.

ISCJB 17 21:57:29.0:0.7, 11.8N:0.1:44.19E, h10km, mb3.8/13, MS3.8/2, Error ellipse: s-maj=18.5km s-min=8.1km az=164.3
IDC 17 21:57:29.2:1.4, 11.74N:44.12E, h0km, mb3.7/8, mb1 3.9/8, mb1mx3.6/9, mbtmp3.7/8, MS3.8/2, Ms1 3.8/2, ms1mx3.2/5.6, Error ellipse: s-maj=39.8km s-min=15.6km az=165.0
NEIC 17 21:57:30.7:0.5, 11.75N:44.14E, h10km, mb4.0/5, Error ellipse: s-maj=13.8km s-min=8.9km az=169.0
ISC 17 21:57:30.5:0.8, 11.7N:0.1:44.11E, h10km, n17, 0573/16, mb3.8/13, Western Phase of Aден

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ATD, ATD, FURI, FURI, BRTR, BRTR, DGAR, DGAR, MLR, MLR, ABKAR, ABKAR, EKS2, EKS2, AKASG, AKASG, TORD, TORD, GERES, GERES, MKAR, MKAR, ZALV, ZALV, CHTO, CHTO, CMAR, CMAR, SONM, SONM, RCBR, RCBR, ASAR, ASAR.

DJA 17 22:04:44.1:1.5, 8.5S:8.121E, h156km, 45km, M3.6/6, ML3.6/6, Flores region
Code Station Name Az Az' Phase ID Time Res ISC h m s ISC
MMRI, MMRI, WSI, WSI, BASI, BASI, WBSI, WBSI, BSSI, BSSI, DBNI, DBNI, SGTI, SGTI, SOEI, SOEI, TWSI, TWSI

NEIC 17 22:06:45.2:35.27N-92.37W, h6km, MN3.1, MD2.7(CERI), After CERI
NEIC Felt [I] at Greenbrier. Also felt at Batesville, Conway, Mountain Home, Norton and Yellville
ISC 17 22:06:44.1:1.2, 35.26N:0.02-92.37W, h3km, 10km, n44, 1515/66, Arkansas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like UALR, UALR, W40A, W40A, W40A, W40A, X40A, X40A, W39A, W39A, W39A, W39A, U40A, U40A, V39A, V39A, MIAR, MIAR, MIAR, MIAR, U39A, U39A, Y40A, Y40A, Y40A, Y40A, X39A, X39A, V38A, V38A, W38A, W38A, T40A, T40A, SFTN, SFTN, T39A, T39A, T39A, T39A, X38A, X38A, S40A, S40A, S40A, S40A, V37A, V37A, V37A, V37A, T38A, T38A, EBZ, EBZ, U37A, U37A, U37A, U37A.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like W37B Quinton, S39A Bolivar, OXF Oxford, etc.

ISCJTB 17 22:19:15.0, 0.4, 37.00N, 0.02:35.44E, 0.02, h11km, 3km, Error ellipse: s-maj=4.2km s-min=3.0km az=15.7

DDA 17 22:19:14.1, 36.97N, 35.45E, h7km, MD2.9, Error ellipse: s-maj=5.6km s-min=3.8km az=37.0

ISCJTB 17 22:19:15.0, 37.03N, 35.44E, h9km, MD2.9, Error ellipse: s-maj=5.6km s-min=3.8km az=37.0

ISC 17 22:19:15.0, 37.03N, 35.44E, h9km, MD2.9, Error ellipse: s-maj=5.6km s-min=3.8km az=37.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like FITZ Fitzroy Crossi, WRAB Tennant Creek, WRA Warramunga Arr, etc.

ISCJTB 17 22:19:15.0, 0.4, 37.00N, 0.02:35.44E, 0.02, h13km, 9km, Error ellipse: s-maj=4.2km s-min=3.0km az=15.7

DDA 17 22:19:14.1, 36.97N, 35.45E, h7km, MD2.9, Error ellipse: s-maj=5.6km s-min=3.8km az=37.0

ISCJTB 17 22:19:15.0, 37.03N, 35.44E, h9km, MD2.9, Error ellipse: s-maj=5.6km s-min=3.8km az=37.0

ISC 17 22:19:15.0, 37.03N, 35.44E, h9km, MD2.9, Error ellipse: s-maj=5.6km s-min=3.8km az=37.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CEYT Ceyhan, KARA Karaisali, KRYS Karatas, etc.

SULT Sultanhani-AKS 1.95 308 ePn Pn 22 19 48.7 +1.1

NAO 17 22:20:01.0, 1.3, 67.69N, 33.65E, ML2.2, HEL 17 22:20:01.0, 0.4, 67.76N, 33.71E, h0km, ML1.1, Explosion CSEM 17 22:20:01.0, 2.0, 67.75N, 33.57E, h2km, ML2.2, Error ellipse: s-maj=14.2km s-min=5.9km az=81.0, Mining explosion.

ISC 17 22:19:50.0, 2.1, 67.78N, 33.65E, 0.1, h0km, n26, 059Z43, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like APZ9 Apatity, APA0 Apatity Array, etc.

VRF Vario 1.56 271 eP Pn 22 20 28.9 -0.1

VRF Vario 1.56 271 P S Pn 22 20 48.4 -1.5

KU6 Riekki 2.32 222 eP S Pn 22 21 08.7 +0.2

KU6 Riekki 2.32 222 P S Pn 22 21 12.4

KU6 Maaselka 2.63 227 eP S Pn 22 20 45.1 +1.5

MSF Maaselka 2.63 227 P S Pn 22 20 45.1 +1.5

SGF Sodankyl 2.77 266 eP S Pn 22 20 47.2 +1.7

SGF Sodankyl 2.77 266 P S Pn 22 20 47.2 +1.7

KEV Kevo 3.15 312 eP S Pn 22 21 28.7 -0.3

KEV Kevo 3.15 312 P S Pn 22 21 28.7 -0.3

RNF Rovaniemi 3.22 252 eP S Pn 22 21 30.5 -0.2

RNF Rovaniemi 3.22 252 P S Pn 22 21 30.5 -0.2

ARA0 ARCESS Array S 3.48 304 Pn Pn 22 20 56.7 +1.4

ARA0 ARCESS Array S 3.48 304 Pn Pn 22 20 56.7 +1.4

ARA0 ARCESS Array S 3.48 304 Pn Pn 22 21 05.5 -1.1

ARA0 ARCESS Array S 3.48 304 Pn Pn 22 21 05.5 -1.1

ARA0 ARCESS Array S 3.48 304 Pn Pn 22 21 05.5 -1.1

ARA0 ARCESS Array S 3.48 304 Pn Pn 22 21 05.5 -1.1

ARA0 ARCESS Array S 3.48 304 Pn Pn 22 21 05.5 -1.1

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ARA0 ARCESS Array S 3.48 304 Pn Pn 22 21 05.5 -1.1

ARA0 ARCESS Array S 3.48 304 Pn Pn 22 21 05.5 -1.1

ARA0 ARCESS Array S 3.48 304 Pn Pn 22 21 05.5 -1.1

ARA0 ARCESS Array S 3.48 304 Pn Pn 22 21 05.5 -1.1

ARA0 ARCESS Array S 3.48 304 Pn Pn 22 21 05.5 -1.1

ARA0 ARCESS Array S 3.48 304 Pn Pn 22 21 05.5 -1.1

ARA0 ARCESS Array S 3.48 304 Pn Pn 22 21 05.5 -1.1

ARA0 ARCESS Array S 3.48 304 Pn Pn 22 21 05.5 -1.1

ARA0 ARCESS Array S 3.48 304 Pn Pn 22 21 05.5 -1.1

QZHZ Guangzhou 9.39 316 P S Pn 22 23 02.8 -1.1

QZHZ Giongzong 10.41 286 P S Pn 22 23 30.3 +2.4

QZHZ Giongzong 10.41 286 P S Pn 22 23 30.3 +2.4

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QZHZ Giongzong 10.41 286 P S Pn 22 23 30.3 +2.4

QZHZ Giongzong 10.41 286 P S Pn 22 23 30.3 +2.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like NVAR, PLCA, TXAR, CMAR, ILAR, PDAR, SONM, MKAR, BVAR, FINES, AKASO, BRTR, DBIC, TORD, etc.

JMA 1722:44:40.3, 23:65N, 121:63E, h39km, 1km
ISCJB 1722:44:41.2, 23:03N, 121:66E, h35km, 8km
Error ellipse: s-maj=3.9km s-min=2.6km az=43.9
TAP 1722:44:41.0, 23:65N, 121:63E, h33km, ML2.9, C
ISC 1722:44:41.3, 1.0, 23:66N, 121:65E, 0.03, h33km, 3km, n43, 058774, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like ESL, HWA, EHY, TWD, TWF1, WHF, CHKT, YUS, SMLT, ELDTW, TYC, ENA, ALS, NNS, CHNS, WNT, STYT, TWC, ENT, TWG, TCU, CHN4, WTP, NSK, TWQ1, TWE, CHN2, CHN1, NSTT, CHY, SGST, TWK, ECL, SSD, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like EAST, SCZT, SCZT, LAY, IRIF, JKRS, JIJ, JIJ, JISG, JISG, JTJ, etc.

ISCJB 1722:51:10.5, 0.6, 51:47N, 10:03, 16:12E, 0.03, h0km, Error ellipse: s-maj=4.4km s-min=2.7km az=8.7
CSEM 1722:51:11.5, 0.3, 51:51N, 16:10E, h2km, ML3.0/1.1, Error ellipse: s-maj=5.9km s-min=3.5km az=177.0
VIE 1722:51:13.7, 0.8, 51:35N, 16:03E, h0km, mb2.3, ml2.4/5, Error ellipse: s-maj=4.7km s-min=2.7km az=28.0, Suspected Mining induced.

ISC 1722:51:11.8, 0.1, 51:51N, 16:04, 16:08E, 0:02, h0km, n46, 0586/84, 2C-4D, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like KSP, KSP, KSP, UPC, UPC, UPC, DPC, DPC, DPC, PVCC, PVCC, PVCC, BRG, BRG, KRCL, KRCL, KRCL, PRA, PRA, PRA, GOPC, GOPC, GOPC, GOPC, PRU, PRU, PRU, CLL, CLL, CLL, MORC, MORC, OKC, OKC, OKC, TREC, TREC, TREC, NKC, NKC, NKC, NKC, NKC, OJC, OJC, OJC, KHC, KHC, KHC, ZST, ZST, ZST, YVHS, YVHS, YVHS, CONA, CONA, CONA, CONA, CONA, MOA, MOA, MOA, MOA, MOA, STHS, STHS, STHS, ARSA, ARSA, ARSA, KOLS, KOLS, KOLS, etc.

CSEM 1722:51:52.1, 43:20N, 12:59E, h9km, MD1.6/7
ROM 1722:51:52.1, 0.1, 43:20N, 12:59E, h9km, 1km, Mdl1.6/7, Ml0.9/4, Error ellipse: s-maj=1.6km s-min=0.9km az=75.0, Central Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like ATTE, ATVO, ATVO, ATVO, SSFR, SSFR, SSFR, ATPC, ATPC, ATPC, CEMI, CEMI, CEMI, CEMI, FRON, FRON, FRON, FRON, etc.

MAN 1722:53:10, 16:40N, 120:49E, h10km, mb3.7, ML2.4, MS2.0, IC, Luzon

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

ISCJB 1722:54:25.9, 0.2, 2:86S, 128:20E, 0:03, h38km, mb4.5/40, MS3.8/6, Error ellipse: s-maj=4.5km s-min=3.4km az=140.4

DJA 1722:54:26.6, 0.3, 3 S, 128:20E, h10km, M4.8/14, mb5.2/7, mb5.2/4, MLv4.7/14, Mw(mb)4.6/4

BUI 1722:54:27.6, 2:71S, 128:24E, h45km, mb4.3/24, mb4.9/21, MS4.6/13, MS7.4/13

NEIC 1722:54:28.3, 0.7, 2:86S, 128:22E, h49km, 7km, mb4.7/20, Error ellipse: s-maj=6.5km s-min=5.2km az=47.0

IDC 1722:54:28.7, 1.6, 2:89S, 128:17E, h47km, 16km, mb3.8/15, mb1.4/0/21, mb1mx3.9/45, mbtmp4.2/21, ML4.5/4, MS3.4/3, Ms1.3/3, ms1mx3.0/42, Error ellipse: s-maj=18.3km s-min=10.5km az=66.0

ISC 1722:54:27.3, 0.3, 2:89S, 128:20E, 0:04, h38km, n101, e1942/116, mb4.5/40, MS3.9/6, Ceram Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like KRAI, AAJ, MSAI, NLAJ, BNDI, SANI, SWI, TNTI, TNTI, FAKI, FAKI, FAKI, KMSI, KMPI, LUWI, LUWI, LUWI, SAUI, MWPI, GTOI, APSI, SOEI, BKSI, SPSI, BATI, PCI, KAPI, KAPI, KAPI, KAPI, KKM, FITZ, WRAB, WRA, WRA, WRA, WRA, PMG, MBWA, CEMI, LISI, AS31, AS31, ASAR, ASAR, ASAR, ASAR, XMS1, XMS1, YOJ, JOJ, PSI, GSI, STKA, STKA, LHMI, CMAR, etc.

Table of astronomical observations for 18d Oh, listing station names, coordinates, and observation times.

Table of astronomical observations for 2011 FEB, listing station names, coordinates, and observation times.

Table of astronomical observations for 2011 FEB, listing station names, coordinates, and observation times.

18d 1h

2011 FEB

ETOB	comp=E,36nm,0.4s,SNR=111	S	Sn	01 11 53.3 +3.0
PFVI	SNR=4.0	ePn	Pn	01 11 06.7 +0.5
PFVI	Vila Bisbo	3.81 294	eSn	01 11 48.5 -1.8
PFVI	comp=E,100nm,0.4s	P	Pn	01 11 06.7 +0.5
PFVI	Vila Bisbo	3.81 294	P	01 11 48.5 -1.8
PFVI	comp=E,27nm,0.3s,SNR=15	S	Sn	01 11 06.7 +0.5
PFVI	comp=E,73nm,0.3s,SNR=7.2	S	Sn	01 11 48.5 -1.8
PFVI	Vila Bisbo	3.81 294	ePn	01 11 06.7 +0.5
PFVI	comp=E,100nm,0.4s	eSn	Pn	01 11 48.5 -1.8
TZC	Tazercouste	3.86 206	P	01 11 05.0 -2.0
TZC	comp=E,100nm,0.4s	S	Pn	01 11 48.0 -3.7
TZC	Tazercouste	3.86 206	iP	01 11 05.0 -2.0
TZC	comp=E,100nm,0.4s	iS	Pn	01 11 48.0 -3.7
PAB	San Pablo	3.91 1	ePn	01 11 09.1 +1.6
PAB	comp=E,100nm,0.4s	eSn	Pn	01 11 51.4 -1.3
PTEO	Sao Teotônio	3.91 300	ePn	01 11 08.4 +0.9
PTEO	comp=E,100nm,0.4s	eSn	A	01 11 50.6 -2.1
PTEO	Sao Teotônio	3.91 300	ePn	01 11 08.4 +0.9
PTEO	comp=E,100nm,0.4s	eSn	A	01 11 50.6 -2.1
EVO	Evora	4.04 317	ePn	01 11 10.9 +1.6
EVO	comp=E,108nm,0.4s	eSn	Pn	01 11 54.9 -1.0
EVO	Evora	4.04 317	ePn	01 11 10.1 +0.8
EVO	comp=E,125nm,0.2s	eSn	Pn	01 11 54.2 -1.7
EVO	Evora	4.04 317	ePn	01 11 10.1 +0.8
EVO	comp=E,124nm,0.3s	eSn	Pn	01 11 54.2 -1.7
ESDC	comp=E,124nm,0.3s	Pn	Pn	01 11 11.8 +2.2
ESDC	Sonsec Array	4.05 6	Pn	01 11 56.9 +0.6
ESDC	comp=E,38nm,0.3s,ba=192,slow=12,SNR=311	Lg	Lg	01 12 16.0
ESDC	comp=E,37nm,0.3s,ba=182,slow=23,SNR=14	Lg	Lg	01 11 11.4 +1.9
ESDC	comp=E,29nm,0.3s,ba=187,slow=32,SNR=6.3	Lg	Lg	01 11 57.5 +1.2
ESDC	Sonsec Array	4.05 6	Pn	01 11 11.4 +1.9
ESDC	comp=E,22nm,0.3s,ba=188,slow=12,SNR=244	S	Pn	01 11 57.5 +1.2
ESDC	comp=E,22nm,0.3s,SNR=244	S	Pn	01 11 57.5 +1.2
PNCL	Nicolau / Gran	4.08 308	ePn	01 11 10.3 +0.5
PNCL	comp=E,190nm,0.8s	eSn	Pn	01 11 55.2 -1.6
PNCL	Nicolau / Gran	4.08 308	ePn	01 11 10.3 +0.5
PNCL	comp=E,190nm,0.8s	eSn	Pn	01 11 55.2 -1.6
EVOP	Sao Brissos	4.10 316	ePn	01 11 10.9 +0.8
EVOP	comp=E,62nm,0.2s	eSn	Pn	01 11 54.9 -2.5
EVOP	Sao Brissos	4.10 316	ePn	01 11 10.9 +0.8
EVOP	comp=E,62nm,0.2s	eSn	Pn	01 11 54.9 -2.5
MOE	Montemor	4.23 314	eSn	01 12 00.4 -0.1
MOE	Montemor	4.23 314	ePn	01 12 00.4 -0.1
AFON	Font Roja	4.36 45	P	01 11 16.6 +2.7
AFON	comp=E,1.0nm,0.2s,SNR=14	S	Sn	01 12 06.6 +2.6
AFON	Font Roja	4.36 45	P	01 11 16.6 +2.7
AFON	comp=E,1.0nm,0.2s,SNR=14	S	Sn	01 12 06.6 +2.6
PMRV	Marv??o	4.44 329	ePn	01 11 15.7 +0.9
PMRV	comp=E,84nm,0.4s	eSn	A	01 12 04.1 -1.6
PMRV	Marv??o	4.44 329	P	01 11 15.7 +0.9
PMRV	comp=E,84nm,0.4s	eSn	A	01 12 04.1 -1.6
PMTG	Montargil	4.55 320	ePn	01 11 17.3 +1.1
PMTG	comp=E,54nm,0.5s	eSn	A	01 12 06.9 -1.4
PMTG	Montargil	4.55 320	ePn	01 11 17.3 +1.1
PMTG	comp=E,54nm,0.5s	eSn	A	01 12 06.9 -1.4
EPLA	Plasencia	4.60 344	iP	01 11 18.4 +1.4
EPLA	comp=E,16nm,0.3s,SNR=18	S	Sn	01 12 09.0 -0.7
EPLA	Plasencia	4.60 344	P	01 11 18.4 +1.4
EPLA	comp=E,16nm,0.3s,SNR=18	S	Sn	01 12 09.0 -0.7
ALMR	Almeirim	4.80 318	eP	01 11 20.3 +0.7
ALMR	comp=N,81nm,0.4s	eS	AML	01 12 11.9 -2.5
ALMR	Almeirim	4.80 318	P	01 11 20.3 +0.7
ALMR	comp=N,81nm,0.4s	eS	AML	01 12 11.9 -2.5
PCBR	Castelo Branco	4.83 331	ePn	01 11 21.1 +1.0
PCBR	comp=N,40nm,0.4s	eSn	Pn	01 12 12.8 -2.4
PCBR	Castelo Branco	4.83 331	P	01 11 21.1 +1.0
PCBR	comp=N,40nm,0.4s	eSn	Pn	01 12 12.8 -2.4
LIS	Lisbon	4.83 311	eS	01 12 13.3 -2.1
LIS	comp=E,268nm,0.5s	eSn	AML	01 12 13.5 -1.9
LIS	Lisbon	4.83 311	S	01 12 13.5 -1.9
LIS	comp=E,97nm,0.3s	eSn	A	01 12 13.5 -1.9
LIS	Lisbon	4.83 311	S	01 12 13.5 -1.9
LIS	comp=E,97nm,0.3s	eSn	A	01 12 13.5 -1.9
PMST	Lisbon-Monsan	4.87 311	ePn	01 11 21.8 +1.1
PMST	comp=E,80nm,0.3s	eSn	Pn	01 12 14.6 -1.6
PMST	Lisbon-Monsan	4.87 311	ePn	01 11 21.8 +1.1
PMST	comp=E,80nm,0.3s	eSn	Pn	01 12 14.6 -1.6
GUD	Guadarrama	5.01 3	P	01 11 24.7 +2.0
GUD	comp=E,31nm,0.4s,SNR=166	S	Sn	01 12 19.2 -0.7
GUD	Guadarrama	5.01 3	P	01 11 24.7 +2.0
GUD	comp=E,31nm,0.4s,SNR=166	S	Sn	01 12 19.2 -0.7
PTOM	Tomar	5.05 323	ePn	01 11 24.5 +1.3
PTOM	comp=E,69nm,0.5s	eSn	A	01 12 22.4
PTOM	Tomar	5.05 323	P	01 11 24.5 +1.3
PTOM	comp=E,69nm,0.5s	eSn	A	01 12 22.4
OUK	Oukaimeden	5.24 214	P	01 11 26.0 -0.2
OUK	comp=E,54nm,0.6s,SNR=6.8	S	Pn	01 12 22.0 -4.0
OUK	Oukaimeden	5.24 214	iP	01 11 26.0 -0.2
OUK	comp=E,54nm,0.6s,SNR=6.8	S	Pn	01 12 22.0 -4.0
MTE	Manteigas	5.34 334	ePn	01 12 25.9 -2.0
MTE	comp=E,117nm,0.4s	eSn	A	01 12 29.2 -0.7
MTE	Manteigas	5.34 334	P	01 11 28.2 +1.0
MTE	comp=E,59nm,0.4s	eSn	Pn	01 12 25.9 -2.0
MTE	Manteigas	5.34 334	ePn	01 11 28.2 +1.0
MTE	comp=E,117nm,0.4s	eSn	Pn	01 12 25.9 -2.0
MTE	Manteigas	5.34 334	ePn	01 11 28.2 +1.0

MTE	comp=E,74nm,0.6s	ePb	Pb	01 11 41.3 -0.2
MTE	Chichaoua	5.41 223	eP	01 12 26.0 -1.9
MTE	CIA	5.41 223	P	01 11 29.0 +0.9
MTE	CIA	5.41 223	P	01 11 25.0 -4.6
MTE	CIA	5.41 223	iP	01 11 29.0 +0.9
ETOR	Torete	5.52 20	iP	01 11 25.0 -4.6
ETOR	comp=E,67nm,0.3s,SNR=18	S	Sn	01 11 31.5 +1.8
ETOR	Torete	5.52 20	P	01 12 31.4 -1.0
ETOR	comp=E,126nm,0.4s,SNR=5.7	S	Sn	01 11 31.5 +1.8
ETOR	Torete	5.52 20	P	01 12 31.4 -1.0
ETOR	comp=E,67nm,0.3s,SNR=18	S	Sn	01 11 31.5 +1.8
EMOS	Mosqueruela	5.68 33	P	01 12 36.2 -0.4
EMOS	comp=E,13nm,0.3s,SNR=7.9	S	Sn	01 11 34.6 +2.5
EMOS	Mosqueruela	5.68 33	P	01 11 34.6 +2.5
EMOS	comp=E,23nm,0.5s,SNR=34	S	Sn	01 12 36.2 -0.4
EMOS	Mosqueruela	5.68 33	P	01 11 34.6 +2.5
EMOS	comp=E,13nm,0.3s,SNR=7.9	S	Sn	01 12 36.2 -0.4
EMOS	Mosqueruela	5.68 33	P	01 11 34.6 +2.5
EMOS	comp=E,23nm,0.5s,SNR=34	S	Sn	01 12 36.2 -0.4
EMOS	Mosqueruela	5.68 33	P	01 11 34.6 +2.5
EMOS	comp=E,13nm,0.3s,SNR=7.9	S	Sn	01 12 36.2 -0.4
EMOS	Mosqueruela	5.68 33	P	01 11 34.6 +2.5
EMOS	comp=E,23nm,0.5s,SNR=34	S	Sn	01 12 36.2 -0.4
EMOS	Mosqueruela	5.68 33	P	01 11 34.6 +2.5
EMOS	comp=E,13nm,0.3s,SNR=7.9	S	Sn	01 12 36.2 -0.4
EMOS	Mosqueruela	5.68 33	P	01 11 34.6 +2.5
EMOS	comp=E,23nm,0.5s,SNR=34	S	Sn	01 12 36.2 -0.4
EMOS	Mosqueruela	5.68 33	P	01 11 34.6 +2.5
EMOS	comp=E,13nm,0.3s,SNR=7.9	S	Sn	01 12 36.2 -0.4
EMOS	Mosqueruela	5.68 33	P	01 11 34.6 +2.5
EMOS	comp=E,23nm,0.5s,SNR=34	S	Sn	01 12 36.2 -0.4
EMOS	Mosqueruela	5.68 33	P	01 11 34.6 +2.5
EMOS	comp=E,13nm,0.3s,SNR=7.9	S	Sn	01 12 36.2 -0.4
EMOS	Mosqueruela	5.68 33	P	01 11 34.6 +2.5
EMOS	comp=E,23nm,0.5s,SNR=34	S	Sn	01 12 36.2 -0.4
EMOS	Mosqueruela	5.68 33	P	01 11 34.6 +2.5
EMOS	comp=E,13nm,0.3s,SNR=7.9	S	Sn	01 12 36.2 -0.4
EMOS	Mosqueruela	5.68 33	P	01 11 34.6 +2.5
EMOS	comp=E,23nm,0.5s,SNR=34	S	Sn	01 12 36.2 -0.4
EMOS	Mosqueruela	5.68 33	P	01 11 34.6 +2.5
EMOS	comp=E,13nm,0.3s,SNR=7.9	S	Sn	01 12 36.2 -0.4
EMOS	Mosqueruela	5.68 33	P	01 11 34.6 +2.5
EMOS	comp=E,23nm,0.5s,SNR=34	S	Sn	01 12 36.2 -0.4
EMOS	Mosqueruela	5.68 33	P	01 11 34.6 +2.5
EMOS	comp=E,13nm,0.3s,SNR=7.9	S	Sn	01 12 36.2 -0.4
EMOS	Mosqueruela	5.68 33	P	01 11 34.6 +2.5
EMOS	comp=E,23nm,0.5s,SNR=34	S	Sn	01 12 36.2 -0.4
EMOS	Mosqueruela	5.68 33	P	01 11 34.6 +2.5
EMOS	comp=E,13nm,0.3s,SNR=7.9	S	Sn	01 12 36.2 -0.4
EMOS	Mosqueruela	5.68 33	P	01 11 34.6 +2.5
EMOS	comp=E,23nm,0.5s,SNR=34	S	Sn	01 12 36.2 -0.4
EMOS	Mosqueruela	5.68 33	P	01 11 34.6 +2.5
EMOS	comp=E,13nm,0.3s,SNR=7.9	S	Sn	01 12 36.2 -0.4
EMOS	Mosqueruela	5.68 33	P	01 11 34.6 +2.5
EMOS	comp=E,23nm,0.5s,SNR=34	S	Sn	01 12 36.2 -0.4
EMOS	Mosqueruela	5.68 33	P	01 11 34.6 +2.5
EMOS	comp=E,13nm,0.3s,SNR=7.9	S	Sn	01 12 36.2 -0.4
EMOS	Mosqueruela	5.68 33	P	01 11 34.6 +2.5
EMOS	comp=E,23nm,0.5s,SNR=34	S	Sn	01 12 36.2 -0.4
EMOS	Mosqueruela	5.68 33	P	01 11 34.6 +2.5
EMOS	comp=E,13nm,0.3s,SNR=7.9	S	Sn	01 12 36.2 -0.4
EMOS	Mosqueruela	5.68 33	P	01 11 34.6 +2.5
EMOS	comp=E,23nm,0.5s,SNR=34	S	Sn	01 12 36.2 -0.4
EMOS	Mosqueruela	5.68 33	P	01 11 34.6 +2.5
EMOS	comp=E,13nm,0.3s,SNR=7.9	S	Sn	01 12 36.2 -0.4
EMOS	Mosqueruela	5.68 33	P	01 11 34.6 +2.5
EMOS	comp=E,23nm,0.5s,SNR=34	S	Sn	01 12 36.2 -0.4
EMOS	Mosqueruela	5.68 33	P	01 11 34.6 +2.5
EMOS	comp=E,13nm,0.3s,SNR=7.9	S	Sn	01 12 36.2 -0.4
EMOS	Mosqueruela	5.68 33	P	01 11 34.6 +2.5
EMOS	comp=E,23nm,0.5s,SNR=34	S	Sn	01 12 36.2 -0.4
EMOS	Mosqueruela	5.68 33	P	01 11 34.6 +2.5
EMOS	comp=E,13nm,0.3s,SNR=7.9	S	Sn	01 12 36.2 -0.4
EMOS	Mosqueruela	5.68 33	P	01 11 34.6 +2.5
EMOS	comp=E,23nm,0.5s,SNR=34	S	Sn	01 12 36.2 -0.4
EMOS	Mosqueruela	5.68 33	P	01 11 34.6 +2.5
EMOS	comp=E,13nm,0.3s,SNR=7.9	S	Sn	01 12 36.2 -0.4
EMOS	Mosqueruela	5.68 33	P	01 11 34.6 +2.5
EMOS	comp=E,23nm,0.5s,SNR=34	S	Sn	01 12 36.2 -0.4
EMOS	Mosqueruela	5.68 33	P	01 11 34.6 +2.5
EMOS	comp=E,13nm,0.3s,SNR=7.9	S	Sn	01 12 36.2 -0.4
EMOS	Mosqueruela	5.68 33	P	01 11 34.6 +2.5
EMOS	comp=E,23nm,0.5s,SNR=34	S	Sn	01 12 36.2 -0.4
EMOS	Mosqueruela	5.68 33	P	01 11 34.6 +2.5
EMOS	comp=E,13nm,0.3s,SNR=7.9	S	Sn	01 12 36.2 -0.4
EMOS	Mosqueruela	5.68 33	P	01 11 34.6 +2.5
EMOS	comp=E,23nm,0.5s,SNR=34	S		

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, and various station identifiers. Includes stations like TCF, BGF, JHHJ, Chichi jima, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, and various station identifiers. Includes stations like Code, Station Name, A°, AZ°, Phase ID, Time, Res, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, and various station identifiers. Includes stations like GTA, comp=N, 29nm, 5.2s, etc.

NIED 18 01:21:00, 26.90N, 143.80E, h5km, Mw4.3 Best double couple: M2=96000, 1015 NP1=174,00000, 827.00000, 1.64.00000... NP2=325,00000, 866.00000, 1.103.00000

ICD 18 01:21:49.0, 0.6, 26.53N, 143.69E, h0km, mb4.3/32, mb1.4/4.34, mb1mx/4.54, mbtmp/4.3/4, ML3.9/2.MS3.2/6, Ms1 3.2/6, ms1mx3.0/34, Error ellipse: s-maj=15.93km s-min=14.0km az=5.0

ISCJL 18 01:21:49.9, 1.6, 26.67N, 143.57E, 0.04, h82km, 9km, mb4.5/94, MS3.6/11, Error ellipse: s-maj=7.6km s-min=5.5km az=170.7

18d 1h

Table of station data for 18d 1h, including station names, coordinates, and various parameters like SNR, elevation, and status.

2011 FEB

Table of station data for 2011 FEB, including station names, coordinates, and various parameters like SNR, elevation, and status.

NEIC 18 01:24:29.0, 35:25'N-92:34'W, h6km, MD2.5(CERI), After CERI.

NEIC 18 01:24:28.2, 1.3, 35:26'N-0:02:32'W, 0:03, h3km, 11km, n39, r130/62, Arkansas

Main table of station data for 2011 FEB, including station names, coordinates, and various parameters like SNR, elevation, and status.

ISCBJ 18 01:24:36.8, 1.5, 4:2'S-0:2:106:1E, 0:1, h100km, mb4.1/3, Error ellipse: s-maj=33.9km s-min=9.3km az=21.5

DJA 18 01:24:42.1, 1.3, 4:3'S-28:10'E, h118km, 14km, M5.0/8, m85.4/45, 7/8, MLV5.1/1, Mw(MB)4.9/5

ISC 18 01:24:37.9, 1.8, 4:25'S-0:3:106:1E, 0:1, h100km, n11, r110/111, mb4.2/3, Southern Sumatara

Table of station data for 2011 FEB, including station names, coordinates, and various parameters like SNR, elevation, and status.

858

Table of station data for 858, including station names, coordinates, and various parameters like SNR, elevation, and status.

ISCJB 18 01:26:24.7, 0.7, 0:24'N-0:07:124:72E, 0:07, h35km, mb3.8/7, Error ellipse: s-maj=11.1km s-min=9.3km

DJA 18 01:26:27.9, 1.6, 0:N-14:12'E, h54km, 30km, M4.3/8, mb4.0/1, MLV4.4/8

IDC 18 01:27:08.3, 8.6, 0:24'N-126:42'E, h518km, 115km, mb3.0/7, s-maj=3.17, mb1mx2/848, mbtmp3.8/7, Error ellipse: s-maj=79.2km s-min=28.5km az=63.0

ISC 18 01:26:26.7, 0.9, 0:08'N-0:09:124:74E, 0:08, h35km, n18, r165/116, mb3.8/7, Minahasa Peninsula, Sulawesi

Table of station data for 858, including station names, coordinates, and various parameters like SNR, elevation, and status.

IDC 18 01:46:53.2, 0.9, 33:80'S-72:03'W, h0km, mb4.1/8, mb1.4/2/11, mb1mx4.1/24, mbtmp4.0/11, ML3.9/3, MS3.7/4, M5.1.3/6.4, ms1mx3.4/17, Error ellipse: s-maj=27.2km

ISCJB 18 01:46:54.1, 1.3, 33:83'S-0:04:72:26'W, 0:07, h15km, 9km, mb4.3/16, MS3.8/3, Error ellipse: s-maj=10.4km s-min=6.0km az=30.5

NEIC 18 01:46:54.6, 3.6, 33:82'S-71:96'W, h10km, 22km, mb4.4/8, ML4.4(GUC), Error ellipse: s-maj=13.6km s-min=8.4km

GUC 18 01:46:55.2, 0.5, 33:87'S-72:18'W, h35km, 9km, ML4.4

ISC 18 01:46:54.6, 1.8, 33:81'S-0:07:72:21'W, 0:06, h11km, 12km, n44, r133/51, mb4.3/16, MS3.8/3, 2C-4D, Off coast of central Chile

Main table of station data for 858, including station names, coordinates, and various parameters like SNR, elevation, and status.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, and various other parameters. Includes stations like BRHE, LAUG, HKB, BOG, PULHEIM, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, and various other parameters. Includes stations like LOR, SSF, AVF, SMF, FLN, BGF, GRR, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, and various other parameters. Includes stations like PALU, SWI, MTN, WRAB, WRA, ASAR, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like SJI Sawahan, FOZ Fox Glacier, SBUM Sibuh, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like SDSA Sungai Dareh, YSS Yuzh-Sakhalins, USRR Ussuriysk Ar, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like BJI comp=Z,730nm,22.4s, BJI comp=Z,930nm,24.6s, TYV Tymovskoe, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes call signs like YKA, AB31, AB31, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes call signs like NIE, NIE, NIE, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes call signs like ESK, ESK, ABTA, etc.

ISCJB 18.04:24:18.0-3.35:24N.01:02:92:33W.10:02,h10km, Error ellipsoid: 5.8km x 2.8km x 5.5km az=9.9 NEIC 18.04:24:19.0, 35:26N.9:2:36W, h7km, MD2.6(CERI), After CER1. NEIC Feb [I] at Conway and Greenbrier. ISC 18.04:24:18.9-0.8, 35:26N.0:02:32.37W.0:02,h10km,n71,

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details for various stations.

Table with columns: Call Sign, Station Name, Frequency, Mode, Power, and other technical details for various stations.

Table with columns: Call Sign, Station Name, Frequency, Mode, Power, and other technical details for various stations.

NEIC 18 04:51:53.7, 41:38S:174:64E, h23km, ML3.9(WEL), After WEL. NEIC Felt in the Wellington area.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, and other technical details for various stations.

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details for various stations.

Table with columns: Call Sign, Station Name, Frequency, Mode, Power, and other technical details for various stations.

DDA 18 04:54:54.9, 37:86N:27:27E, h26km, Md3.1. ATH 18 04:54:55.0, 37:86N:27:33E, h9km, 1km, ML3.4/8, Error ellipse: s-maj=1.5km s-min=0.9km az=275.0, Analyst: K.L.

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details for various stations.

Table of astronomical observations for 18d 8h, including columns for object name, magnitude, position, and time.

Table of astronomical observations for 2011 FEB, including columns for object name, magnitude, position, and time.

Table of astronomical observations for 872, including columns for object name, magnitude, position, and time.

ISCBJ 18 08:10:24.0+0.3, 3.56S, 0.04x126.58E, 0.04, h10km, mb4.4/28, MS3.4/9, Error ellipse: s-maj=6.8km s-min=4.4km az=144.6

874.00000°, 19.00000°; NP2=198.00000°, 872.00000°, 1.63.00000°. Principal axes: T 1.6800, Plg25.0000°, Azm156.0000°, N -0.3800, Plg65.0000°, Azm332.0000°; P -1.3000, Plg1.0000°, Azm65.0000°; After CERL.

NEIC Felt [IV] at Damascus and Greenbrier; [III] at Conway and Vilonia; [II] at Batesville, Benton, Cotter, Mabelvale, Mountain View and Quitman. Felt in much of central and northern Arkansas. Also felt in parts of southern Missouri and at Stilwell, Oklahoma.

ISC 18 08:13.34.1±1.1, 35.27N, 03:52.38W, 0.02, h5km, 7km, n167, c1549/175, mb4.0/13, MS4.1/3, Arkansas

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists various stations like UALR, W40A, X40A, etc.

Table with columns: SP/M, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like Marine on St., CLNB, WVCC, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like URZ, ASAR, WRA, FINES.

SKO 18 08:28:13.3, 40:89N-20:80E, h1km, M1.7, ML2.2. ATH 08:28:13.7, 41:02N-20:76E, h14km, 1km, ML2.3/8, Error ellipse: s-maj=1.8km s-min=0.9km az=210.0. Analyst: A.ANDREOU ML Amplitudes are expressed in micrometers. All distances are expressed in km. CSEM 18 08:28:14.8-0.2, 40:95N-20:80E, h2km, ML2.3, Error ellipse: s-maj=5.3km s-min=3.8km az=56.0. BEO 18 08:28:14.7-0.7, 40:88N-20:83E, h0km, M2.6/5. ISC 18 08:28:14.3-0.9, 40:97N-02:20:78E, 0.02, h8km, 7km, n56, c152/85, Greece-Albania border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like OHR, FNA, FNA, etc.

ISK 18 11:50:40.0, 39.04°N, 36.94°E, h21km, MD2.6
ISC 18 11:50:37.8, 39.05°N, 0.02:37.17E, 0.03, h1km, gkm,
n21, e, f10/32, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Gurin, S_VAS, Kangal_SIVAS, Altinyayla-SIV, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Guthrie, Anderson Ranch, Lakeview Retre, Rabaul, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Green Forest, Harrisburg, Qualls, Okolona, etc.

DJA 18 11:53:20.0, 0.5, 10°S, 9°11'9E, h40km, 5km, M3.6/5,
MLV3.6/5, Sumba region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Waikabubak, Su, Waingapu, Baing, Sumba, etc.

ISC 18 11:59:30.6, 15.0, 11.96°N, 89.51°W, h0km, mb2.8/1,
mb1 3.5/1, mb1mx3.2/31, mbtmp3.0/1, Error ellipse:
s-maj=1178.0km s-min=63.9km az=65.0, Off coast of
central America

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

ISC 18 11:53:33.9, 0.9, 35.25°N, 0.02:92.36W, 0.02, h7km, 6km,
n40, e, f86/63, Arkansas

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Woolly Hollow, University of, Fergusson Farm, etc.

ISC/JB 18 11:53:33.8, 0.5, 35.24°N, 0.02:92.38W, 0.02, h3km, 3km,
Error ellipse: s-maj=3.2km s-min=2.5km az=163.4
NEIC 18 11:53:34.3, 35.26°N, 92.35°W, h7km, MD2.7(CERI), After
CERI.

NEIC Feit [I] at Greenbrier. Also felt at Conway.
ISC 18 11:53:33.9, 0.9, 35.25°N, 0.02:92.36W, 0.02, h7km, 6km,
n40, e, f86/63, Arkansas

DJA 18 12:01:14.7, 0.6, 3°S, 4°12'7E, h33km, 4km, M3.7/4,
mb1 1.1/1, mb4.4/3, MLV3.3/4, Mw(MB)4.4/1
ISC 18 12:01:14.2, 1.6, 3.24°S, 126.85°E, h0km, mb3.7/4,
mb1 4.0/6, mb1mx3.7/34, mbtmp3.8/6, ML3.9/2, MS3.1/3,
Ms1 3.1/3, ms1mx2.6/33, Error ellipse: s-maj=54.6km
s-min=21.0km az=56.0

ISC/JB 18 12:01:16.0, 0.6, 3.33°S, 0.05:126.79E, 0.05, h33km,
mb3.8/4, MS3.0/2, Error ellipse: s-maj=7.7km s-min=7.6km
az=138.5

ISC 18 12:01:18.4, 0.8, 3.39°S, 0.07:126.96E, 0.06, h35km, n15,
e, f25/117, mb3.7/4, Bursu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Namlea, Ambon, Sanana, Labuha, Ternate, Ampana, Marisa, Kappang, etc.

DJA 18 12:16:40.6, 1.1, 3°S, 4°12'2E, h12km, 2km, M3.5/5,
MLV3.5/5, Sulawesi

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Parma, Halls, Oxford, Clayton, etc.

DJA 18 12:16:40.6, 1.1, 3°S, 4°12'2E, h12km, 2km, M3.5/5,
MLV3.5/5, Sulawesi

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Apsi, Tana Toraja, Luwuk, Sidrap Palu, etc.

ISC/JB 18 12:18:24.1, 0.2, 35.25°N, 0.02:92.36W, 0.02, h10km, Error
ellipse: s-maj=2.5km s-min=1.9km az=156.2
NEIC 18 12:18:24.4, 35.27°N, 92.37°W, h0km, MNS.2, After CERI.
NEIC Feit [I] at Greenbrier and [II] at Conway. Also felt at
Batesville, Center Ridge, Enola, Marcela, Mountain View
and Searcy.

ISC 18 12:18:23.9, 0.7, 35.28°N, 0.02:92.38W, 0.02, h10km, n85,
e, f144/121, Arkansas

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like University of, Fergusson Farm, Basin Creek Fa, etc.

ISC 18 12:18:23.9, 0.7, 35.28°N, 0.02:92.38W, 0.02, h10km, n85,
e, f144/121, Arkansas

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Teagarden Farm, Meyer Ranch, Tecumseh, etc.

MKAR Makanchi Array 68.80 325 P P 13 14 32.9 0.0

ZALV Zalesovo Beam 77.14 10 P P 13 50 31.8 +0.7

SUZ Suez baz=124 8.37 122 P Pn 14 03 18.8 -0.4

NEIC 18 13:06:50.0, 35.26N-92.36W, h7km, MD2.5(CERI), After CERI.

NEIC Feit [V] at Greenbrier and [I] at Conway. Also felt at Heber Springs.

ISC 18 13:06:49.7, 1.1, 35.26N-92.02, 92.35W, 0.04, h10km, 10km, n24, c0574/40, Arkansas

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like UALR, W40A, X40A, U40A, W39A, V39A, M39A, MIAR, U39A, Y40A, X39A, V38A, W38A, T40A, T39A, Y39A, U38A, X38A, S40A, V37A, U37A, OXF, S39A, TULI.

SONM Songoing Array 77.61 25 P P 13 50 35.3 +1.2

KSRK Korea Array 81.58 44 LR LR 14 25 36.9

MJAR Matushiro Arr 88.01 49 LR LR 14 28 10.2

CSEM 18 13:56:40.3, 41.39N-35.85E, h7km, MD2.5

ISK 18 13:56:40.3, 41.39N-35.85E, h7km, MD2.5, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like KVT, DIKM, SINOP, CORM, SVSK, YVZ, YOZ.

IDC 18 13:58:41.0, 0.9, 21.77S-69.01E, h0km, mb3.9/11, mb1.4/0.11, mb1mx3.8/42, mbtmp3.9/11, MS3.3/3.

ISC 18 13:58:41.0, 0.9, 21.77S-69.01E, h19km, mb4.0/16, MS3.3/3, Error ellipse: s-maj=22.0km s-min=19.1km az=177.1.

NEIC 18 13:58:42.6, 0.5, 21.74S-69.01E, h10km, mb4.6/5, Error ellipse: s-maj=14.9km s-min=12.8km az=178.0.

ISC 18 13:58:44.1, 1.0, 21.85S-69.02E, h19km, n22, c071/17, mb4.1/16, MS3.3/3, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like H08S1, H08S2, H08S3, BOSA, CMAR, ASAR, WRA, EKSZ, AAK, KKAR, TKMZ, MKAR, BRTR, ABKAR, KURBB, KURK, BVAR, TORD, ZALV, SONM, KSRK, MJAR.

ISK 18 14:01:55.7, 41.40N-35.90E, h10km, MD2.4

ISCJB 18 14:01:56.3, 0.5, 41.37N-0.03, 35.82E, 0.04, h0km, Error ellipse: s-maj=5.0km s-min=3.5km az=139.8

CSEM 18 14:01:56.4, 0.2, 41.34N-35.81E, h1km, MD2.7, Error ellipse: s-maj=5.9km s-min=3.9km az=45.0, Suspected

Winning explosion. DDA 18 14:01:58.2, 41.1, 19N-36.02E, h8km, MD2.7, Suspected

ISC 18 14:01:56.5, 0.9, 41.34N-0.03, 35.82E, 0.02, h0km, n26, c159/42, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like SAMS, HAVZ, KVT, DIKM, BOYT, SNOP, COAL, TOS, CORM, RSDY, SVSK, YVZ, CUSAR.

ISCJB 18 14:28:49.6, 0.5, 19.96S-0.04, 69.20W, 0.09, h12km, 7km, mb3.7/2, Error ellipse: s-maj=13.8km s-min=5.8km az=4.7

GUC 18 14:28:50.0, 0.4, 19.96S-69.26W, h10km, 3km, ML4.3

IDC 18 14:28:52.3, 2.4, 19.92S-68.85W, h12km, 2.1km, mb3.5/3, mb1.3/7.6, mb1mx3.3/28, mbtmp4.0/6, Error ellipse: s-maj=27.3km s-min=18.3km az=82.0

ISC 18 14:28:49.9, 0.7, 19.97S-0.04, 69.13W, 0.07, h100km, 7km, n21, c149/27, Northern Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like PB11, HMBC, PSCG, IPOC, PATCX, PB13, PB09, PB07, LPAZ, SIV, CPUP, PLCA, TORD, YKA, H11S2, H11S1, H11S3, H11N3, H11N2, H11N1, ASAR.

IDC 18 13:13:20.8, 1.4, 21.85S-68.79E, h0km, mb3.8/7, mb1.4/0.7, mb1mx3.6/56, mbtmp3.8/7, MS3.6/6, Ms1.3/6.6, ms1mx3.3/39, Error ellipse: s-maj=42.8km s-min=26.3km az=30.0

ISCJB 18 13:13:21.9, 1.3, 21.9S-0.3, 68.8E, 0.2, h19km, mb3.8/7, MS3.6/6, Error ellipse: s-maj=39.4km s-min=25.3km az=30.7

ISC 18 13:13:23.9, 1.6, 21.9S-0.3, 68.8E, 0.2, h19km, n14, c045/7, mb3.9/7, MS3.6/6, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like H08S1, H08S2, H08S3, BOSA, LEM, MAW, CMAR, FITZ, ASAR, TORD, ZALV, SONM.

HLW 18 14:01:16.8, 34.87N-24.79E, h40km, 24km, Md3.7, Ml2.7

ISCJB 18 14:01:17.6, 0.7, 34.42N-0.04, 24.68E, 0.08, h10km, Error ellipse: s-maj=10.4km s-min=4.7km az=162.3

CSEM 18 14:01:20.0, 0.3, 34.54N-24.62E, h30km, ML2.8, Error ellipse: s-maj=13.1km s-min=7.0km az=62.0

ATH 18 14:01:21.9, 0.4, 34.78N-24.61E, h48km, 4km, ML2.8/4, Error ellipse: s-maj=5.2km s-min=1.7km az=192.0, Analyst: Plessa ML Amplitudes are expressed in micrometres All distances are expressed in km

ISC 18 14:01:17.7, 1.0, 34.54N-0.05, 24.64E, 0.05, h10km, n28, c104/33, Crete

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like SIVA, GVD, IACM, JACM, LAST, IMMV, IMMV, MHLO, MHLO, MHLO, KYTH, KYTH, HMAT, HMAT, HMAT, AWBH, AWBH, HFRF, HFRF.

IDC 18 13:38:36.0, 4.2, 22.18S-68.37E, h0km, mb3.9/6, mb1.4/1.6, mb1mx3.7/37, mbtmp3.9/6, MS3.6/6, Ms1.3/6.6, ms1mx3.3/31, Error ellipse: s-maj=121.9km s-min=30.1km az=57.0, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like H08S1, H08S2, H08S3, BOSA, MAW, CMAR, KAPI, ASAR, GEYT, WRA, STKA, MKAR.

DSN 18 14:33:34.4, 1.2, 28.59N-55.63E, h10km, mb3.7/7, ML4.7/6, Error ellipse: s-maj=34.2km s-min=8.1km az=68.0

IDC 18 14:33:37.5, 1.0, 28.08N-55.81E, h0km, mb4.0/17, Mb1.4/0.22, mb1mx3.9/61, mbtmp4.0/22, ML3.8/5, MS3.1/7, Ms1.3/2.7, ms1mx2.9/51, Error ellipse: s-maj=20.7km s-min=15.3km az=173.0

THR 18 14:33:38.9, 0.3, 28.13N-55.91E, h15km, ML4.0

ISCJB 18 14:33:39.5, 0.3, 28.09N-0.03, 55.83E, 0.04, h16km, mb3.9/7, MS3.3/5, Error ellipse: s-maj=5.4km s-min=3.4km az=163.9

OMAN 18 14:33:40.2, 2.4, 28.27N-55.94E, h14km, 16km, Error ellipse: s-maj=26.5km s-min=24.6km az=7.0

TEH 18 14:33:41.5, 27.98N-55.90E, h19km, ML3.9

CSEM 18 14:33:42.4, 0.2, 28.08N-55.86E, h20km, ML3.9, Error ellipse: s-maj=8.7km s-min=4.6km az=89.0

ISC 18 14:33:40.3, 0.5, 28.11N-0.03, 55.87E, 0.04, h16km, n99, c156/49, mb4.0/17, MS3.0/5, Phase-ID, Southern Iran

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

2011 FEB

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BNSD, IBND, NIAN, TVBK, BANOM, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ATD, AAK, BRTR, AKTU, GKN, DMN, KKN, PKIN, GUN, BVAR, MKAR, KURBS, AKASA, KOLS, ZALV, VYHS, GTA, GERES, FINES, CMAR, SOMM, NB2, NOA, ARCES, TORD, JNU, SEY, YKA, ASAR, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ATD, ADEN, LBOS, BDHA, WSAR, GNI, GEYT, BRTR, LSZ, KBZ, AKAG, GERES, BVAR, ESDC, ZALV, CMAR, NOA, SONM, etc.

KORT Korkueli 3.03 53 P Pn 15 15 53.9 +1.9
KORT S Sn 15 16 26.9 -1.1

IDC 18 15:25:58.1E 1.7, 41.713N, 126.89E, h0km, mb3.5/1,
mb1 3.3/3, mb1mx3.0/4.2, mbtmp3.3/3, ML2.5/2, Error
ellipse: s-maj=22.4km s-min=17.1km az=107.0, North
Korea

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Rows include KRSR Korea Array, I45RU USSURIYSK INFR, USRK Ussuriysk Arr, USRK Kurchatov Arr, USRK Sonmigo Array, KURBS Kurchatov Arr.

IDC 18 15:26:01.3E 6.2, 12.64N, 45.15E, h0km, mb3.8/7,
mb1 3.8/7, mb1mx3.6/4.5, mbtmp3.8/7, MS3.5/1, Ms1 3.5/1,
ms1mx2.7/3.7, Error ellipse: s-maj=128.1km
s-min=38.7km az=35.0, Western Gulf of Aden

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Rows include KMBO Kilima Mbogo, BRTR Keskin Array B, BVAR Borovoye Array, MKAR Makanchi Array, KURBS Kurchatov Arr, ZALV Zalesovo Beam, CMAR Chiang Mai Arr, SONM Songo Array.

NIED 18 15:35:00.26 90N, 143.80E, h5km, Mw3.9 Best double
couple: M=9.1100E-1014, N11=9.316.0000E-9, 3.46.00000E-9,
1-122.00000E-9, NP2=9.178.00000E-8, 852.00000E-9,
1-62.00000E-9

IDC 18 15:35:03.8E 0.7, 26.60N, 143.74E, h0km, mb3.9/17,
mb1 4.1/20, mb1mx3.9/4.1, mbtmp3.9/20, ML3.3/3, MS3.6/4,
Ms1 3.7/4, ms1mx2.9/4.3, Error ellipse: s-maj=19.6km
s-min=16.6km az=66.0

NEIC 18 15:35:05.4E 0.5, 26.63N, 143.72E, h10km, mb4.3/3, Error
ellipse: s-maj=11.7km s-min=9.5km az=55.0

JMA 18 15:35:07.0E 0.1, 26.91N, 143.77E, h4km, M4.1
ISCJB 18 15:35:08.9E 0.6, 27.04N, 0.05:143.69E:0.05, h33km,
mb3.9/20, MS3.9/2, Error ellipse: s-maj=7.4km
s-min=5.3km az=137.0

IDC 18 15:35:10.4E 0.8, 26.31N, 0.08:143.67E:0.07, h35km, n45,
s124/45, mb3.9/20, MS2.2/3, Bonin Islands region

Large table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Rows include JCJ Chichijima, CBJI Chichi jima, JHHJ Haha-jima-NKT, BSO1 Boso, JOD2 Odawara 2, JHU Hanno, JHU Ryogami san, JRY JRY, JHO Hitachi, JAG Ashikaga, MJAR Matsushiro Arr, JMK Ichinoise, KRSR Korea Array, H1N2 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, H1S3 WAKE ISLAND Hy, H1S1 WAKE ISLAND Hy, H1S2 WAKE ISLAND Hy, SONM Songo Array, SEYM Seymour Arr, TLY Talaya, TLY Talaya, CMAR Chiang Mai Arr, WRA Warramunga Arr, ZALV Zalesovo Beam, ZALV Zalesovo Beam, ASAR Alice Springs, MKAR Makanchi Array, MKAR Makanchi Array, KURK Kurchatov Arr, KURBS Kurchatov Arr, ILAR Eielson Array, AAK Ala-Archa, KKAR Karatay Array, ABKAR Akbulak array, RAO Raoul Island, YKA Yellowknife Arr, RAR Rarotonga, FINES Finess Array, KBZ Khabaz, NVAR Mina Array, AKASG Malin Array.

BRTR Keskin Array B 87.09 313 P P 15 47 51.8 -1.1
1.0nm, 0.9s, baz=0.0, slow=2.5, SNR=4.7
PLCA Paso Flores 148.62 125 PKPbc PKPbc 15 54 53.3 -0.5
1.9nm, 0.9s, baz=144, slow=3.0, SNR=3.6

ISCJB 18 15:52:16.0E 0.8, 12.0N, 0.1:44.09E:0.08, h4km, mb3.8/13,
Error ellipse: s-maj=20.7km s-min=8.3km az=153.0
IDC 18 15:52:17.0E 1.1, 11.92N, 44.11E, h0km, mb3.8/13,
mb1 3.9/13, mb1mx3.7/5.3, mbtmp3.8/13, Error ellipse:
s-maj=27.7km s-min=17.4km az=165.0
ISC 18 15:52:17.8E 0.9, 11.9N, 0.2:44.05E:0.09, h4km, n15,
s103/16, mb3.8/13, Western Gulf of Aden

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Rows include ATD Arta Tunnel, WSAR Wadi Sarin, ASF Jabal al Asfar, BRTR Keskin Array B, AAK Ala-Archa, AKASG Malin Array, TORD Torodi Arr, GERES GERES Array B, BVAR Borovoye Array, MKAR Makanchi Array, KURBS Kurchatov Arr, ZALV Zalesovo Beam, CMAR Chiang Mai Arr, SONM Songo Array, ASAR Alice Springs.

SJA 18 15:52:43.9E 0.6, 30.145N, 66.05W, h112km, g6km, MW4.2,
La Rioja Province

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Rows include APLL PUNTA DE LOS L, APLL APLL, AACL CERRRO LA CRUZ, ACLO ACLO, CYA Choya.

IDC 18 15:55:24.7E 1.2, 11.52N, 44.07E, h0km, mb3.9/11,
mb1 4.0/12, mb1mx3.7/5.7, mbtmp3.9/12, ML3.3/1, MS3.7/14,
Ms1 3.6/14, ms1mx3.4/3.5, Error ellipse: s-maj=32.1km
s-min=14.7km az=171.0

ISCJB 18 15:55:25.1E 0.9, 11.6N, 0.2:44.13E:0.07, h10km,
mb3.8/11, MS3.6/12, Error ellipse: s-maj=24.3km
s-min=8.0km az=166.0

ISC 18 15:55:26.3E 1.1, 11.5N, 0.2:44.08E:0.09, h10km, n22,
s089/14, mb4.0/11, MS3.6/12, Western Gulf of Aden

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Rows include ATD Arta Tunnel, ATD ATD, KMBO Kilima Mbogo, WSAR Wadi Sarin, WSAR Wadi Sarin, GMI Mount Meron Arr, NNAI Garni, GEYT Alibeck, BRTR Keskin Array B, BRTR Keskin Array B, OPO Ambodiratombo, KBZ Khabaz, AKASG Malin Array, AKASG Malin Array, TORD Torodi Arr, TORD Torodi Arr, ORB Obninsk, GERES GERES Array B, BVAR Borovoye Array, MKAR Makanchi Array, KURBS Kurchatov Arr, ZALV Zalesovo Beam, ZALV Zalesovo Beam, CMAR Chiang Mai Arr, NOA NORARS Array B, SONM Songo Array, SONM Songo Array, NRIK Norik's, ASAR Alice Springs.

ISK 18 15:55:36.0E 0.38, 02N, 36.00E, h5km, MD2.3
ISCJB 18 15:55:37.0E 0.7, 37.97N, 0.03:36.05E:0.06, h0km, Error
ellipse: s-maj=6.8km s-min=3.6km az=4.9
CSEM 18 15:55:37.0E 0.38, 01N:36.01E, h2km, MD2.8, Error
ellipse: s-maj=13.6km s-min=7.3km az=91.0, Suspected
Mining explosion.
DDA 18 15:55:37.3, 37.97N:36.13E, h7km, Md2.8, Suspected
Mining explosion.
ISC 18 15:55:36.7E 0.9, 37.94N:0.03:36.02E:0.05, h0km, n15,
s075/27, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Rows include KOZT Koazan, KOZT Koazan, KOZT Koazan, SARI Saridz-Kayseri, SARI Saridz-Kayseri, PINB Pinarbasi, PINB Pinarbasi, KAMA Kasman, KAMA Kasman, BNN Bunyan, BNN Bunyan, GZT Gaziantep, GZT Gaziantep, CUSAR Sarkisla-SIVAS, CUSAR Sarkisla-SIVAS.

CUSAR Sarkisla-SIVAS 1.48 7 P S Pb 15 56 05.7 +0.4
15 56 25.1 0.0
Sn 15 56 04.8 -0.8
Sg 15 56 27.1 +0.9
Sb 15 56 04.8 -0.8
Sd 15 56 27.1 +0.9
Sg 15 56 09.3 +0.4
Sd 15 56 34.0 +0.1
Sg 15 56 09.3 +0.4
Sd 15 56 34.0 +0.1

IDC 18 16:01:12.0E 1.5, 14.26S, 65.90E, h0km, mb3.6/6,
mb1 3.8/6, mb1mx3.5/5.6, mbtmp3.6/6, Error ellipse:
s-maj=50.0km s-min=28.6km az=58.0
ISC 18 16:01:13.8E 1.6, 14.3S:0.3:65.8E:0.3, h13km, n19,
s072/10, mb3.8/6, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Rows include H08S1 Diego Garcia H, H08S2 Diego Garcia H, H08S3 Diego Garcia H, H08N3 Diego Garcia H, H08N1 Diego Garcia H, H08N2 Diego Garcia H, H01W3 Cape Leeuwin H, H01W2 Cape Leeuwin H, H01W1 Cape Leeuwin H, MKAR Makanchi Array, ASAR Alice Springs, WRA Warramunga Arr, ZALV Zalesovo Beam, SONM Songo Array, ILAR Eielson Array, YKA Yellowknife Arr, PDAR Pinedale Array, NVAR Mina Array.

MEX 18 16:02:40.2E 0.3, 14.75N, 92.55W, h70km, 14km, MD3.6,
Near coast of Chiapas

ISCJB 18 16:04:21.9E 0.8, 35.22N:0.02:92.31W:0.05, h7km, 6km,
Error ellipse: s-maj=6.3km s-min=4.1km az=2.5
NEIC 18 16:04:23.0, 35.24N:92.36W, h7km, MD2.5(CERI), After
CERI

NEIC FEL [III] at Greenbrier. Also felt at Conway and Vilonia.
ISC 18 16:04:22.2E 1.3, 35.24N:0.03:92.34W:0.04, h5km, 11km,
n22, s063/35, Arkansas

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Rows include UALR University of, W39A Fergusson Farm, W40A W40A, X40A Basin Creek Fa, X40A X40A, W39A Magazine, W39A Magazine, U40A Yellville, V39A Pettigrew, V39A Pettigrew, MIAR Mount Ida, MIAR Mount Ida, MIAR Mount Ida, MIAR Mount Ida, Y40A Okolona, Y40A Okolona, U39A U39A, X39A Fountain Ranch, W38A Poteau, W38A Poteau, V38A Canehill, V38A Canehill, T40A Mansfield, T40A Mansfield, T39A Clever, T39A Clever, U38A Gravette, U38A Gravette, X38A Whitesboro, S40A Lebanon, S40A Lebanon, TUL1 Leonard, TUL1 Leonard, U36A Oologah, U36A Oologah, U34A Anderson Ranch, BRAL Brewton.

IDC 18 16:13:01.5E 2.1, 20.64S, 178.38W, h561km, 22km,
mb3.5/11, mb1 3.7/13, mb1mx3.5/2.2, mbtmp4.4/13, Error
ellipse: s-maj=24.9km s-min=13.7km az=139.0
ISCJB 18 16:13:02.2E 0.8, 20.75S:0.1:178.4W:0.2, h587km,
mb3.9/11, Error ellipse: s-maj=22.9km s-min=13.9km
az=42.1
ISC 18 16:13:03.0E 0.9, 20.75S:0.2:178.4W:0.2, h587km, n53,
s0594/56, mb4.0/11, 7C-7D, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC. Rows include DZM Mont Dzumac, URZ Ureva, STKA Stephens Creek, ASAR Alice Springs, ASAR Alice Springs.

LR	comp-Z,28nm,0.8s	52.23	6 P	P	17 10 08.6	-1.5
SDDR	Lares	52.68	1 eP	P	17 10 11.7	-1.8
RKT	Presa de Saban	55.51	264 eS	S	17 18 16.5	-1.1
RKT	Rikitee	55.51	264 eS	S	17 18 16.5	-1.1
RKT	comp-Z,738nm,26.8s	baz=115	eLR	LR	17 26 45.1	
QSPA	South Pole Qui	56.25	180 eP	P	17 10 39.9	+0.9
NVL	N'lazarevskaya	56.35	157 j/P	P	17 10 41.2	+1.7
NVL			eS	S	17 18 27.9	+0.3
NVL			pmax	pmax		
ZAIG	Zacatecas	63.45	328 P	P	17 11 25.7	-3.5
VNDA	Vanda	64.10	191 LR	LR	17 37 20.9	
035A	comp-Z,174nm,18.9s	baz=132,slow=34	P	P	17 11 43.6	+2.0
035A	Encino	65.42	335 P	P	17 11 45.6	+1.9
034A	Hebronville	65.74	334 P	P	17 11 51.8	+2.2
834A	Tilden	66.66	335 P	P	17 11 54.2	+2.1
735A	Kenedy	67.07	336 P	P	17 11 53.7	+1.1
833A	Chaparral WMA	67.14	334 P	P	17 11 53.7	+1.1
TBI	Tubuaj	67.26	256 eS	S	17 20 46.3	-0.5
TBI	Tubuaj	67.26	256 eLR	LR	17 32 17.5	
TBI	Tubuaj	67.26	256 eT	T	18 25 02.2	
536A	Bastrop	67.94	337 P	P	17 11 58.8	+1.2
338A	Crockett	68.58	339 P	P	17 12 02.9	+1.3
533A	Kerrville	68.61	335 P	P	17 12 02.9	+1.0
MEH	Mehetia	68.78	262 eT	T	18 26 56.2	
434A	Burnet	69.02	336 P	P	17 12 05.2	+0.8
336A	Riesel	69.08	337 P	P	17 12 06.1	+1.4
335A	Moody	69.17	337 P	P	17 12 06.2	+0.9
433A	Art	69.25	335 P	P	17 12 06.5	+0.7
JCT	Junction City	69.25	335 P	P	17 12 06.6	+0.8
JCT	Junction City	69.25	335 eP	P	17 12 06.3	+0.4
JCT	Junction City	69.25	335 eP	P	17 12 06.3	+0.4
JCT			pmax	pmax		
334A	Lometa	69.49	336 P	P	17 12 08.0	+0.7
TXAR	Lajitas Array	69.69	331 P	P	17 12 08.3	-0.4
333A	Richland Sprin	69.73	336 P	P	17 12 09.5	+0.7
TVO	Taravao	69.81	262 eT	T	18 28 13.2	
WHXT	Lake Whitney	69.84	337 eP	P	17 12 09.4	0.0
234A	Clairette	70.17	337 P	P	17 12 11.5	+0.6
PPT2	Papeete2	70.17	262 eS	S	17 21 20.1	-1.6
PPT2	Papeete2	70.17	262 eLR	LR	17 33 39.1	
PPT	Papeete	70.18	262 LR	LR	17 35 54.7	
233A	Rising Star	70.34	336 P	P	17 12 13.1	+0.6
Z36A	Blue Ridge	70.70	339 P	P	17 12 15.6	+0.9
133A	Hamilton Ranch	70.88	336 P	P	17 12 16.6	+0.8
Z35A	Perchaven, San	71.01	338 P	P	17 12 17.1	+0.5
MIAR	Mount Ida	71.08	341 P	P	17 12 17.5	+0.6
ABTX	Abilene, Hawle	71.14	336 P	P	17 12 18.0	+0.6
ABTX	Abilene, Hawle	71.14	336 eP	P	17 12 17.3	-0.1
X39A	Fountain Ranch	71.19	341 P	P	17 12 18.7	+1.1
Z34A	Collier Ranch,	71.26	337 P	P	17 12 18.8	+0.7
Z33A	Whitaker Ranch	71.45	337 P	P	17 12 19.9	+0.6
JSRW	J. Sargeant Re	71.52	355 eP	P	17 12 20.1	+0.7
W40A	Ferguson Farm,	71.56	342 P	P	17 12 20.7	+0.9
X37A	Clayton	71.62	340 P	P	17 12 21.3	+1.1
Y34A	Reagan Ranch,	71.75	338 P	P	17 12 21.6	+0.6
W39A	Magazine	71.75	341 P	P	17 12 21.8	+0.8
X36A	Centrahoma	71.89	339 P	P	17 12 21.7	-0.1
X35A	Drake	71.91	339 P	P	17 12 22.9	+0.9
Y33A	Hilltop Ranch,	72.07	337 P	P	17 12 23.7	+0.8
V39A	Pettigrew	72.33	342 P	P	17 12 24.8	+0.3
MNTX	Cornudas Mount	72.47	331 P	P	17 12 25.1	-0.3
V38A	Canehill	72.55	341 P	P	17 12 25.5	-0.2
U40A	Yellville	72.61	343 P	P	17 12 26.2	+0.1
V37A	Hulbert	72.77	341 P	P	17 12 27.7	+0.7
U39A	Green Forest	72.80	342 P	P	17 12 27.3	+0.1
V36A	Jenks	72.90	340 P	P	17 12 28.0	+0.2
TUL1	Leonard	72.97	340 P	P	17 12 28.5	+0.2
W33A	Caddo, Fort Co	73.07	338 P	P	17 12 30.1	+1.2
V35A	Meyer Ranch, C	73.14	339 P	P	17 12 29.1	-0.1
MAW	Mawson	73.21	164 P	P	17 12 29.8	+0.5
MAW	comp-Z,23nm,0.8s	baz=201,slow=6.3,SNR=19	LR	LR	17 47 29.9	
T40A	Mansfield	73.29	343 P	P	17 12 30.7	+0.6
W32A	Sentinel	73.30	337 P	P	17 12 30.9	+0.6
T39A	Clever	73.38	342 P	P	17 12 30.8	+0.1
MSTX	Muleshoe	73.47	334 P	P	17 12 31.5	+0.2
T38A	Diamond	73.62	342 P	P	17 12 32.6	+0.6
S40A	Lebanon	73.71	343 P	P	17 12 32.9	+0.3
T37A	Cheneyville 18	73.87	341 P	P	17 12 33.7	+0.2
AMTX	Amarillo	73.90	335 P	P	17 12 34.7	+0.9
AMTX	Amarillo	73.90	335 eP	P	17 12 33.8	-0.1
S39A	Bolivar	74.00	343 P	P	17 12 34.5	+0.3
T36A	Boggs Farm, Ca	74.08	340 P	P	17 12 34.8	+0.1
S38A	Stockton	74.09	342 P	P	17 12 34.7	0.0
T35A	Sooner Cattle	74.12	340 P	P	17 12 35.5	+0.5
121A	Cookes Peak, D	74.19	329 P	P	17 12 37.4	+1.6
R40A	Maddies Statio	74.31	344 P	P	17 12 36.2	+0.1
T34A	McClaskey Farm	74.41	339 P	P	17 12 37.4	+0.7
R39A	Chumby, Stover	74.52	343 P	P	17 12 37.2	0.0
ACSO	Alum Creek Sta	74.53	351 eP	P	17 12 36.9	-0.3
R38A	Fenwick Farm,	74.61	342 P	P	17 12 37.7	0.0
S36A	Lake Cedric, C	74.62	341 P	P	17 12 37.9	+0.1
S35A	Otter Creek Ra	74.78	340 P	P	17 12 38.8	0.0
LIC	Lamto	74.83	72 eP	P	17 12 39.7	0.0
SUR	Sutherland	74.89	119 eP	P	17 12 41.5	+1.4
N54A	Moraine State	74.94	354 P	P	17 12 39.8	+0.2
Q40A	Laux Farm, Aux	74.94	344 P	P	17 12 39.7	+0.1
TIC	Toumodi	75.09	71 eP	P	17 12 41.1	-0.1
KIC	Kosan Boka	75.14	72 eP	P	17 12 41.7	+0.2
Q39A	Willow Grove F	75.20	343 P	P	17 12 41.2	+0.1
DBIC	Dimbrok	75.24	71 P	P	17 12 41.5	-0.5
DBIC	comp-Z,21nm,0.8s	baz=206,slow=6.7,SNR=20	LR	LR	17 44 18.2	
Q38A	Cooks Store, C	75.27	343 P	P	17 12 41.8	+0.2
TUC	Tucson	75.33	327 eP	P	17 12 43.8	+1.6
TUC	Tucson	75.33	327 eP	P	17 12 43.8	+1.6
TUC			pmax	pmax		
P40A	Paris	75.44	344 P	P	17 12 43.0	+0.4
P39A	Salisbury	75.57	344 P	P	17 12 43.4	+0.1
ANMO	Albuquerque	75.74	331 P	P	17 12 46.0	+1.4
HDIL	Hopedale	75.85	347 P	P	17 12 44.7	-0.2
P38A	Dawn	75.88	343 P	P	17 12 45.1	0.0
O40A	La Belle	75.97	345 P	P	17 12 45.6	+0.1
S29A	Ulysses	76.19	337 P	P	17 12 48.0	+1.0
O39A	Kirkville	76.25	344 P	P	17 12 47.3	+0.1
P36A	Good Intent, A	76.30	342 P	P	17 12 47.0	-0.4
O38A	Gall	76.34	343 P	P	17 12 47.6	0.0
S28A	Manter	76.42	336 P	P	17 12 49.0	+0.7
P35A	Duane Minner,	76.42	341 P	P	17 12 48.1	-0.1
O37A	Wolven Farm, M	76.54	343 P	P	17 12 48.6	-0.2
Q32A	Meitler Ranch,	76.64	339 P	P	17 12 49.8	+0.3
P34A	Walnut Farm, R	76.66	341 P	P	17 12 50.2	+0.6
O36A	Bolckow	76.72	342 P	P	17 12 49.4	-0.4
N39A	Derby Farms, D	76.83	344 P	P	17 12 50.3	-0.2
T25A	Trinidad	76.89	334 P	P	17 12 52.0	+0.8
Q31A	Ellis	76.91	338 P	P	17 12 51.8	+0.8
N38A	Joes South For	76.92	344 P	P	17 12 51.0	+0.1
R29A	Marienthal	76.92	337 P	P	17 12 52.0	+0.9
N37A	Lee Faris, Mou	77.12	343 P	P	17 12 52.0	0.0
Q30A	Quinter	77.14	338 P	P	17 12 53.1	+0.8
Q29A	Oakley	77.19	337 P	P	17 12 53.8	+0.6
O33A	Hebron	77.36	340 P	P	17 12 53.8	+0.3
P31A	Stockton	77.37	339 P	P	17 12 54.2	+0.7
M38A	Pleasantville	77.50	344 P	P	17 12 54.0	-0.2
N35A	Tabor	77.58	342 P	P	17 12 54.5	-0.1
M37A	Trindle Farm,	77.69	343 P	P	17 12 56.0	+0.7
SDCO	Great Sand Dun	77.83	333 P	P	17 12 57.6	+1.1
M36A	Felix, Anita	77.92	343 P	P	17 12 56.4	-0.2
N32A	Stulken Farm,	78.20	340 P	P	17 12 58.8	+0.6
S22A	4UR Ranch, Cre	78.33	333 P	P	17 13 00.8	+1.5
FRNY	Flat Rock	78.47	359 eP	P	17 12 59.9	+0.5
L36A	Hard Buss Farm	78.50	343 P	P	17 12 59.7	0.0
BC3	Big Chuckawall	78.63	324 P	P	17 13 01.8	+1.0
Q24A	Dwyer	78.78	334 P	P	17 13 03.2	+1.4
M31A	Lambrecht Ranc	78.94	340 P	P	17 13 03.4	+1.2
K36A	Gilmore City	78.96	343 P	P	17 13 02.4	+0.2
PFO	Pinyon Flats O	79.09	324 eP	P	17 13 04.6	+1.3
PFO	Pinyon Flats O	79.09	324 eP	P	17 13 04.6	+1.3
PFO			pmax	pmax		
TSUM	Tsumeb	79.28	106 eP	P	17 13 05.6	+0.8
J37A	Redenius Farm,	79.39	344 P	P	17 13 03.9	-0.7
K33A	Hardington	79.56	342 P	P	17 13 06.0	+0.4
J36A	Seneca 1, Swea	79.58	344 P	P	17 13 05.8	+0.2
I38A	Scanlan Farm,	79.82	345 P	P	17 13 06.8	-0.1
I37A	Lemond, Waseca	80.02	345 P	P	17 13 08.4	+0.4
BOSA	Boschhof	80.13	118 P	P	17 13 08.9	-0.4
BOSA	comp-Z,13nm,0.7s	baz=248,slow=3.6,SNR=28	LR	LR	17 46 25.5	
BOSA	comp-Z,225nm,18.1s	baz=242,slow=34	LR	LR	17 13 09.0	-0.4
J33A	Davis	80.22	342 P	P	17 13 09.3	+0.2
I35A	Creekview Farm	80.23	343 P	P	17 13 09.6	+0.4
K30A	Baset	80.34	340 P	P	17 13 10.7	+0.8
H37A	Dierke Farm, C	80.46	345 P	P	17 13 10.4	+0.1
ECSD	EROS Data Cent	80.52	342 P	P	17 13 10.8	+0.1
ECSD	EROS Data Cent	80.52	342 eP	P	17 13 10.4	-0.3
K29A	Lazy Trails An	80.63	339 P	P	17 13 12.3	+1.0
J31A	Geddes	80.67	341 P	P	17 13 11.8	+0.3
H36A	Jessenland, He	80.67	344 P	P	17 13 12.1	+0.7
N23A	Red Feather La	80.77	335 P	P	17 13 13.8	+0.1
SHPR	Sheep Range	80.81	326 eP	P	17 13 13.9	+1.2
J30A	Dallas	80.91	340 P	P	17 13 13.2	+0.4
H35A	Sunnyside Ranc	81.00	344 P	P	17 13 13.3	+0.1
J39A	Spellman Lake,	81.19	343 P	P	17 13 14.5	+0.3
H24A	Okreek	81.22	340 P	P	17 13 15.2	+0.7
I31A	Royce, Wessing	81.30	341 P	P	17 13 15.0	+0.1
H33A	Prehn Over Nor	81.44	343 P	P	17 13 15.8	+0.2
H32A	Carlson Farm,	81.45	342 P	P	17 13 15.6	-0.1
J28A	Allard Ranch,	81.51	339 P	P	17 13 16.9	+0.9
J27A	Elkhorn Farm,	81.58	338 P	P	17 13 17.9	+1.4
H31A	Wolsey	81.70	341 P	P	17 13 17.0	+0.1
I29A	Vishon Onida	81.78	340 P	P	17 13 17.6	+0.2
F36A	Milaca	81.81	345 P	P	17 13 17.1	-0.3

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes call signs like MBIG, CPBX, and various 'S' and 'P' stations.

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes call signs like YES, GRMC, SRIG, and various 'S' and 'P' stations.

Table with columns for call sign, name, frequency, power, mode, and other technical details. Includes call signs like YBH, N23A, HLID, and various 'S' and 'P' stations.

434A	Burnet	14.42	90	P	Pn	17 51 00.6	-0.4
933A	Laredo	14.43	104	P	Pn	17 51 01.6	+0.6
V33A	Lossen Ranch,	14.45	70	P	P	17 51 01.3	-0.1
ZAIG	Zacatecas	14.46	127	ePn	Pn	17 51 04.3	+2.6
I29A	Votaw Ranch, W	14.55	49	P	Pn	17 51 02.5	-0.3
O30A	MW Ranch, Wils	14.60	52	P	P	17 51 03.5	+0.2
X34A	Smith Ranch, M	14.66	75	P	Pn	17 51 04.6	+0.4
Y34A	Reagan Ranch,	14.68	78	P	Pn	17 51 04.5	+0.1
J26A	Sides Ranch, S	14.71	37	P	P	17 51 04.4	-0.5
HAWA	Hanford	14.72	348	eP	P	17 51 08.4	-2.7
T33A	Patterson Ranc	14.76	66	P	Pn	17 51 05.0	-0.5
W34A	Bridge Creek,	14.78	73	P	Pn	17 51 05.1	-0.7
W34A	Bridge Creek,	14.78	73	ePn	Pn	17 51 04.7	-1.0
R32A	Long Quarter,	14.81	60	P	Pn	17 51 05.5	-0.8
834A	Tilden	14.85	101	P	Pn	17 51 05.8	-0.9
RSSD	Black Hills	14.85	33	P	Pn	17 51 05.5	-1.4
RSSD	Black Hills	14.85	33	ePn	Pn	17 51 04.5	-2.4
RSSD	Black Hills	14.85	33	eP	Pn	17 51 04.5	-2.4
I25A	Rochford	14.91	34	P	Pn	17 51 07.4	-0.3
WHTX	Lake Whitney,	14.97	86	P	Pn	17 51 08.9	+0.6
WHTX	Lake Whitney,	14.97	86	eP	Pn	17 51 06.8	-1.5
WHTX	Vickery Place,	14.97	83	P	Pn	17 55 16.9	
MTMW	Mount Mitchell	15.00	341	P	P	17 51 11.7	-2.7
435B	Anderson Ranch	15.01	90	P	P	17 51 10.0	+1.1
CDFW	Cedar Flats	15.03	341	P	P	17 51 12.4	-2.3
934A	Benavides	15.05	103	P	Pn	17 51 10.7	+1.2
335A	Moody	15.07	88	P	Pn	17 51 09.8	0.0
V34A	Guthrie	15.07	71	P	Pn	17 51 09.6	-0.1
V34A	Guthrie	15.07	71	eP	Pn	17 51 09.0	-0.7
O31A	Woolen Ranch,	15.08	53	P	Pn	17 51 09.7	-0.2
Z35A	Perchaven, San	15.08	80	P	Pn	17 51 10.2	+0.3
O33A	Kaszmual Farm,	15.08	64	P	Pn	17 51 10.8	+0.9
334A	Hebronville	15.12	105	P	Pn	17 51 10.3	-1.2
Q32A	Meitler Ranch,	15.13	58	P	Pn	17 51 11.8	+1.3
635A	Leesville	15.14	96	P	Pn	17 51 08.8	-1.8
535A	Dale	15.16	93	P	Pn	17 51 10.1	-0.8
U34A	Anderson Ranch	15.16	68	eP	Pn	17 51 12.5	+1.5
735A	Kenedy	15.25	98	P	Pn	17 51 12.1	0.0
Y35A	Marietta	15.27	78	P	Pn	17 51 11.3	-1.1
R33A	Olander Ranch,	15.31	61	P	Pn	17 51 12.2	-0.7
P32A	Huiting Farm,	15.35	56	P	Pn	17 51 12.3	-1.2
X35A	Drake	15.35	76	P	Pn	17 51 12.6	-0.8
835A	Beeville	15.40	100	P	Pn	17 51 13.9	-0.1
M30A	Dale-Ortello V	15.42	48	P	Pn	17 51 13.7	-0.6
H25A	Fruitdale	15.43	32	P	Pn	17 51 14.1	-0.4
W35A	Tecumseh	15.50	74	P	Pn	17 51 15.2	-0.1
336A	Riesel	15.55	88	P	Pn	17 51 15.3	-0.8
LON	Longmire	15.56	343	ePn	P	17 51 18.9	-1.5
LON	Longmire	15.56	343	eP	Pmax	17 51 19.0	-1.5
T34A	McClaskey Farm	15.56	67	P	Pn	17 51 15.5	-0.7
V35A	Meyer Ranch, C	15.60	71	P	Pn	17 51 16.7	-0.1
N31A	Bailey Ranch,	15.64	51	P	Pn	17 51 17.5	+0.2
O35A	Encino	15.65	105	P	Pn	17 51 18.5	+1.2
Q33A	Connolly Farm,	15.66	59	P	Pn	17 51 18.1	+0.6
436A	Wall Ranch, Ga	15.68	90	P	Pn	17 51 19.0	+1.2
136A	Ennis	15.72	84	P	Pn	17 51 18.5	+0.3
636A	Smothers Creek	15.72	95	P	Pn	17 51 19.6	+1.3
L30A	Spencer Herefo	15.74	47	P	Pn	17 51 19.5	+1.0
236A	Katherine and	15.75	85	P	Pn	17 51 19.6	+0.9
J28A	Allard Ranch,	15.76	40	P	Pn	17 51 19.3	+0.6
I27A	Quinn	15.77	37	P	Pn	17 51 18.9	0.0
Z36A	Blue Ridge	15.77	81	P	Pn	17 51 19.1	+0.3
BSMT	Bassoo Peak	15.78	1	P	Pn	17 51 21.4	-1.7
U35A	Pawnee	15.79	69	P	Pn	17 51 19.3	+0.1
S34A	Willow Spring	15.79	64	P	Pn	17 51 19.5	+0.3
O32A	Brockman Farm,	15.85	54	P	Pn	17 51 19.1	-0.8
K29A	Lazy Trails An	15.85	43	P	Pn	17 51 19.8	-0.2
R34A	Isabella, Hill	15.86	62	P	Pn	17 51 19.6	-0.5
X36A	Centrahoma	15.87	76	P	Pn	17 51 20.2	0.0
M31A	Lambtech Ranc	15.89	50	P	Pn	17 51 20.8	+0.4
Y36A	Durant	15.90	78	P	Pn	17 51 20.6	0.0
P33A	Williams Farm,	15.92	58	P	Pn	17 51 20.7	-0.2
G25A	Newell	15.96	31	P	Pn	17 51 21.7	+0.4
W36A	Wetumka	16.02	74	P	Pn	17 51 21.9	-0.2
N32A	Stuken Farm,	16.06	53	P	Pn	17 51 22.0	-0.6
WTV	Waterville	16.06	348	P	P	17 51 25.1	-0.9
T35A	Sooner Cattle	16.07	67	P	P	17 51 22.3	-0.5
LAO	LASA Array	16.13	22	P	Pn	17 51 23.8	+0.3
LAO	LASA Array	16.13	22	ePn	Pn	17 51 24.5	+1.0
I27A	Hoves	16.16	35	P	Pn	17 51 24.6	+0.7
H28A	Midland	16.18	39	P	Pn	17 51 24.0	-0.1
537A	Green Hill Far	16.21	92	P	Pn	17 51 25.7	+1.1
O33A	Hebron	16.25	56	P	Pn	17 51 24.9	-0.2
NEW	Newport	16.27	355	Pn	P	17 51 27.7	-0.7
NEW				LR	LR	17 57 56.6	

NEW	Newport	16.27	355	P	Pn	17 51 24.3	-0.9
NEW	Newport	16.27	355	ePn	P	17 51 27.0	-1.3
NEW	Newport	16.27	355	eP	P	17 51 27.0	-1.3
NEW	Newport	16.27	355	eP	Pmax	17 51 25.0	-0.6
Q34A	Chapman	16.29	60	P	Pn	17 51 25.0	-0.6
V36A	Jenks	16.32	73	P	Pn	17 51 25.6	-0.5
637A	Eagle Lake	16.34	94	P	Pn	17 51 26.8	+0.5
137A	Heron Place, G	16.36	83	P	Pn	17 51 27.0	+0.5
237A	Washetta, Mont	16.36	85	P	Pn	17 51 26.5	-0.1
337A	Centerville	16.37	87	P	Pn	17 51 26.7	0.0
S35A	Otter Creek Ra	16.39	65	P	Pn	17 51 27.2	+0.3
G26A	Washetta	16.40	33	P	Pn	17 51 28.3	+1.2
Y37A	Hugo	16.45	78	P	Pn	17 51 27.5	-0.2
BGNE	Belgrade	16.46	51	P	Pn	17 51 28.4	+0.6
BGNE	Belgrade	16.46	51	ePn	Pn	17 51 27.7	0.0
EGMT	Eagleton	16.46	13	P	Pn	17 51 27.7	-0.1
EGMT	Eagleton	16.46	13	ePn	Pn	17 51 28.6	+0.9
TUL1	Leonard	16.47	71	P	Pn	17 51 27.4	-0.4
TUL1	Leonard	16.47	71	ePn	Pn	17 51 27.4	-0.4
P34A	Walnut Farm, R	16.59	58	P	Pn	17 51 29.2	-0.2
U36A	Ooloth	16.59	70	P	Pn	17 51 29.9	+0.5
KSU1	Kansas State U	16.59	60	P	Pn	17 51 29.0	-0.4
KSU1	Kansas State U	16.59	60	ePn	P	17 51 30.8	-1.2
T36A	Boggs Farm, G	16.59	67	P	Pn	17 51 29.0	-0.4
R35A	Emporia Municl	16.66	63	P	Pn	17 51 30.7	+0.4
I29A	Vivian Onida	16.66	40	P	Pn	17 51 29.9	-0.4
W37B	Quinton	16.67	74	P	Pn	17 51 30.2	-0.3
X37A	Clayton	16.68	76	P	Pn	17 51 31.4	+0.8
NLWA	Neilton Lookou	16.72	339	ePn	Pn	17 51 29.8	-1.3
H28A	Mission Ridge	16.72	37	P	Pn	17 51 31.3	+0.3
G27A	Dupree	16.78	34	P	Pn	17 51 32.2	+0.4
F26A	Lodgepole	16.80	31	P	Pn	17 51 33.1	+1.0
438A	Sam Houston St	16.81	89	P	Pn	17 51 33.0	+0.8
L32A	Elgin	16.85	49	P	Pn	17 51 33.5	+0.8
338A	Crockett	16.86	87	P	Pn	17 51 32.8	-0.1
538A	Harpers Horsep	16.89	91	P	Pn	17 51 33.4	+0.2
O34A	Beatrice	16.92	56	P	Pn	17 51 33.6	0.0
138A	Matatall Enter	16.92	83	P	P	17 51 35.1	-0.6
Q35A	Mier Eighty,	16.93	61	P	Pn	17 51 33.2	-0.6
238A	Jacksonville	16.94	85	P	Pn	17 51 33.6	-0.3
S36A	Lake Cedric, C	16.96	65	P	Pn	17 51 33.8	-0.3
Z38A	Mt. Pleasant	16.98	81	P	Pn	17 51 35.4	-0.9
V37A	Hulbert	16.99	72	P	Pn	17 51 34.5	+0.1
E25A	Miller Ranch,	17.00	29	P	Pn	17 51 34.8	+0.1
WALA	Waterton Lakes	17.01	3	ePn	P	17 51 36.4	-0.2
B05A	Bryant	17.04	34	P	Pn	17 51 35.9	-1.0
U37A	Salina	17.08	70	P	Pn	17 51 35.0	-0.6
RPW	Rowe	17.18	345	P	P	17 51 38.7	+1.3
F27A	Leemmon	17.11	33	P	Pn	17 51 36.3	+0.4
X38A	Whitesboro	17.13	76	P	Pn	17 51 35.9	-0.4
P35A	Due Minner,	17.16	59	P	Pn	17 51 35.9	-0.8
M33A	Taylor Creek F	17.17	51	P	Pn	17 51 37.1	+0.4
R36A	Gordon, Harris	17.18	63	P	Pn	17 51 36.7	-0.2
K32A	Verdigre	17.21	47	P	P	17 51 38.3	-0.6
N34A	Lincoln	17.32	54	P	Pn	17 51 38.6	0.0
NATX	Nacogdoches	17.36	86	P	Pn	17 51 38.8	-0.3
NATX	Nacogdoches	17.36	86	Pn	Pn	17 51 36.9	-2.2
T37A	Cheneyville 12	17.36	68	P	Pn	17 51 38.8	-0.3
E26A	Carlson Angus	17.37	30	P	Pn	17 51 39.5	+0.2
Q36A	Arnold C. Orve	17.39	61	P	Pn	17 51 39.7	+0.2
439A	Center Grove,	17.40	89	P	P	17 51 40.6	-0.4
W38A	Potomac	17.41	74	P	Pn	17 51 39.6	-0.1
Z39A	Gary	17.49	85	P	P	17 51 41.5	-0.5
339A	Huntington	17.50	87	P	Pn	17 51 41.0	+0.1
M34A	Aspy Farms, Fr	17.55	52	P	Pn	17 51 41.8	+0.4
S37A	Fort Scott	17.56	66	P	Pn	17 51 41.9	+0.2
D25A	Fairfield	17.57	27	P	P	17 51 42.7	-0.1
V38A	Canehill	17.57	72	P	Pn	17 51 41.6	-0.2
Z39A	McRaven,	17.66	81	P	Pn	17 51 43.0	+0.2
R37A	Teagarden Farm	17.69	64	P	Pn	17 51 43.7	-0.5
X39A	Poulin Ranch	17.71	76	P	Pn	17 51 43.7	+0.2
Y39A	Lockesburg	17.72	78	P	Pn	17 51 44.0	+0.4
E27A	Carson	17.74	32	P	P	17 51 44.2	-0.5
PGC	Sidney	17.74	342	P	P	17 51 45.1	+0.6
P36A	Good Intent, A	17.79	59	P	Pn	17 51 44.2	-0.2
D26A	Manning	17.82	29	P	Pn	17 51 45.1	+0.2
T38A	Diamond	17.84	68	P	Pn	17 51 44.7	-0.4
N35A	Tabor	17.92	55	P	Pn	17 51 45.6	-0.4
G30A	Faulton	18.01	39	P	P	17 51 47.3	-0.3
W39A	Mazuzine	18.02	74	P	Pn	17 51 47.4	+0.1
340A	Bronson	18.05	86	P	Pn	17 51 47.8	+0.1
240A	Hunter Patters	18.09	84	P	Pn	17 51 48.2	+0.1
440A	Kirbyville	18.09	89	P	Pn	17 51 48.4	+0.1
Q37A	Longview Farm,	18.12	62	P	Pn	17 51 48.4	-0.6
F29A	Eureka	18.13	36	P	P	17 51 48.8	

18d 17h

Table with columns: Station ID, Name, Time, Frequency, Power, and other technical details. Includes stations like Wedel Dairy, Hofart Farm, St. Michael, etc.

2011 FEB

Table with columns: Station ID, Name, Time, Frequency, Power, and other technical details. Includes stations like EI Rosal, Otavalo, La Cruz, etc.

888

Table with columns: Station ID, Name, Time, Frequency, Power, and other technical details. Includes stations like GRFO, NKC, Novy Kostel, etc.

ISCJB 18 17:50:55.5e,0.8,321°N,110°04':115°02'W,0:05,h30km,6km,
NEIC 18 17:50:57.2,32:07N:115:15W,h8km,ML3,9(EXC),

ML3.9(PAS), After ECX.
ECX 18 17:50:57.2, 0.5, 32.07N:115.15W, h9km, ML3.9
ISC 18 17:50:55.5-1.2, 32.11N:0.04-115.05W, 0.04.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like Cerro Prieto, Yuma Desert, Mount Signal, etc.

SJA 18 17:51:44.7, 0.6, 32.51S:69.30W, h119km, gkm, ML3.4, MW3.7, Mendoza Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like Uspallata, Salagasta, Cerro Arco, etc.

ISCJCB 18 17:52:03.1±0.8, 32.11N:0.04:115.06W:0.05, h24km, 6km, Error ellipse: s-maj=8.1km s-min=5.7km az=136.7

NEIC 18 17:52:04.4, 0.2, 32.08N:115.08W, h10km, ML3.8(PAS), ML4.0(ECX), After ECX.

ECX 18 17:52:04.4, 0.5, 32.08N:115.11W, h9km, ML4.0
ISC 18 17:52:02.5-1.4, 32.10N:0.04:115.08W:0.04, h17km, gkm, n26, r065/32, 6C-2D, California-Baja California border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like Cerro Prieto, East Mesa, Yuma Desert, etc.

NNC 18 18:02:18.5:13.0, 37.02N:70.48E, h227km, 210km, mb2.6, mpv3.6, Error ellipse: s-maj=140.3km s-min=69.3km az=3.0

ISC 18 18:02:26.0:3.7, 40.45N:68.21E, h0km, mb4.0, 1, mb1 3.7/4, mb1mx3.3/44, mbtmpp3.7/4, ML3.3, M54.5/2, Ms1 4.5/2, ms1mx3.2/44, Error ellipse: s-maj=85.8km s-min=23.6km az=162.0

ISC 18 18:02:01.6:1.1, 37.09N:0.08:70.72E:0.08, h10km, n26, r196/23, 4C-3D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like Cerro Prieto, East Mesa, Yuma Desert, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like Almayashu, UCH, Karatay Array, etc.

WEL 18 18:12:25.1:0.4, 38.57S:175.73E, h152km, 3km, ML3.6/5, 8C-4D, Error ellipse: s-maj=2.7km s-min=2.4km az=90.0, North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like TWVZ, MRWZ, HIZ, etc.

MEX 18 18:16:02.8:0.6, 17.83N:102.70W, h16km, 11km, MD4.1, Near coast of Michoacan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like MMIG, ZILG, R15V, etc.

ISCJCB 18 18:16:02.8:0.6, 17.83N:102.70W, h16km, 11km, MD4.1, mb3.0/1, Error ellipse: s-maj=18.8km s-min=7.6km az=33.8

ISC 18 18:16:25.2:8.3, 03S:119.31E, h178km, 6km, mb2.5/2, mb1 2.8/4, mb1mx2.7/41, mbtmpp3.4/4, Error ellipse: s-maj=158.2km s-min=14.7km az=37.0

DJA 18 18:17:9.1:0.8, 8.5S:17.12E:0E:1.0, h183km, 12km, M3.6/6, mb3.9/1, MLV3.4/6

ISC 18 18:17:9.1:3.8, 3S:01.1:119.6E:0.1, h200km, n11, r250/14, Flores region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like DBNI, WBSI, WSI, etc.

BJI 18 18:28:19.8, 18.13N:145.68E, h395km, mb4.2/38, mb3.7/19

ISCJCB 18 18:28:21.9:0.9, 18.35N:0.04-145.40E:0.05, h391km, 10km, mb4.2/80, Error ellipse: s-maj=7.9km s-min=6.4km az=13.6

MOS 18 18:28:21.9:0.9, 18.33N:145.44E, h395km, mb4.4/18, Error ellipse: s-maj=16.7km s-min=7.2km az=106.5

NEIC 18 18:28:22.1:1.0, 18.33N:145.40E, h376km, 11km, mb4.4/45, Error ellipse: s-maj=7.3km s-min=5.2km az=102.0

IDC 18 18:28:22.9:1.6, 18.37N:145.40E, h387km, 16km, mb3.6/24, mb1 3.8/27, mb1mx3.6/42, mbtmpp4.4/27, Error ellipse: s-maj=14.8km s-min=3.9km az=95.0

ISC 18 18:28:22.3:0.9, 18.32N:0.06-145.40E:0.08, h382km, gkm, n154, r16/166, mb4.2/80, 6C-5D, Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like CBIJ, JCJ, JOW, etc.

18d 18h

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details for various stations.

2011 FEB

Main table with columns: Call Sign, Frequency, Power, Mode, and other technical details for various stations.

890

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for various stations.

18d 20h

Table with columns for station name, frequency, power, and coordinates. Includes stations like WRH Wood River Hill, COLA College, CCB Clear Creek Bu, etc.

2011 FEB

Table with columns for station name, frequency, power, and coordinates. Includes stations like MAKZ Makanchi, KURK Kurchatov, KURB Kurchatov Arra, etc.

894

Table with columns for station name, frequency, power, and coordinates. Includes stations like UCH Uchtor, GUN Gumba, RAMN Erkin-Say, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like D30A Buchanan, C31A Landman Farms, J25A Sunshine Ranch, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like G32A Webster, I30A Oacoma, GNI GNI, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like T25A Trinidad, L32A Elgin, EKAR Karacaban, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MSOM Makushin Julie, SDPT Sand Point, OKTU Okmok Mt. Tuli, etc.

IDC 18 22:15:20.6:0.7, 40.194N:72.74E, h0km, mb3.9/20, mb1.4/0.28, ms1mx3.9/66, mbtmp3.9/28, ML3.7, MS3.4/4, MS1.3/4.4, ms1mx2.8/57, Error ellipse: s-maj=14.4km s-min=9.1km az=150.0

KRNET 18 22:15:23.8:0.1, 41.13N:72.81E, h14km, mb4.5

SOME 18 22:15:23.4:0.1, 41.15N:72.77E, h5km, MS3.4

ISCJB 18 22:15:22.0:1.0, 41.08N:02.72:53E:0.03, h15km, 6km, mb4.0/26, MS3.9/3, Error ellipse: s-maj=3.9km

BUI 18 22:15:25.0:0.1, 41.20N:72.60E, h30km, mb4.0/4, ML3.7/3, MS3.9/2, MS7.3/1

NEIC 18 22:15:26.5:1.3, 41.04N:72.62E, h40km, 10km, mb4.2/3, Error ellipse: s-maj=13.4km s-min=8.1km az=176.0

NNC 18 22:15:27.2:1.6, 41.39N:72.70E, h0km, mb4.4, mpv4.1, Error ellipse: s-maj=18.8km s-min=6.7km az=2.0

ISC 18 22:15:22.3:1.1, 41.10N:02.72:71E:0.02, h7km, 7km, n111, r1549/146, mb4.0/26, MS3.7/3, 28C-30D, Kyrgyzstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like OHH Osh, TOKL Toktoqu, ARK Arkit, AML Almayashu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TAS Tashkent, BOOM Bokskoye usch, BRLS Borolday, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ONI Oni, KBZ Khabaz, SONM Sonda Arra, etc.

IDC 18 22:15:18.4:1.7, 51.56N:178.86E, h0km, mb3.7/10, mb1.3/9.1/1, mb1mx3.6/65, mbtmp3.7/11, ML4.1/1, MS3.3/2, MS1.3/2, ms1mx2.7/57, Error ellipse: s-maj=51.2km s-min=17.6km az=5.0

ISCJB 18 22:15:28.0:0.8, 51.7N:02.2:179.00E:0.07, h100km, mb3.7/10, Error ellipse: s-maj=2.31km s-min=5.9km az=7.0

NEIC 18 22:15:28.2:51.55N:178.96E, h75km, MG3.5(AEIC), After AEIC

ISC 18 22:15:28.9:1.4, 51.6N:02.2:178.99E:0.07, h100km, n34, r1542/28, mb3.8/10, Rat Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AMKA Amchitka, LSPA Little Sitkin, LSSA Little Sitkin, etc.

IDC 18 22:20:37.5:4.8, 29.76S:178.06W, h0km, mb3.6/2, mb1.3/8/2, mb1mx3.6/24, mbtmp3.6/2, Error ellipse: s-maj=232.0km s-min=6.7km az=166.0, Kermadec Islands

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

DHMR 18 22:26:59.5:1.9, 12.09N:43.94E, h4km, 25km, ML3.6, Western Arabian Peninsula

Table with columns: LBSOS, BDHA, BDHA, HAJJ, HAJJ, HAJJ. Includes station names like 'Al Bayda' and 'Hajjah' with associated codes and coordinates.

DDA 18 22:29:01.6, 37.89N, 30.68E, h6km, Md2.6
ISK 18 22:29:01.8, 37.82N, 30.77E, h5km, MD2.2
CSEM 18 22:29:02.0, 37.83N, 30.77E, h5km, MD2.2, Error ellipse: s-maj=8.7km s-min=7.8km az=93.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like BAGO, ISPARTA, SUTLUCE, etc.

IDC 18 22:29:36.2, 1.0, 34.51S, 72.07W, h0km, mb4.1/4, mb1.4/1.6, mb1mx3.9/26, mbtmp4.0/6, ML3.5/2, MS3.3/3, Ms1.3/3, ms1mx3.0/26, Error ellipse: s-maj=41.4km s-min=27.6km az=70.0

ISCJB 18 22:29:37.8, 1.4, 34.58S, 0.05:72.28W, h10km, 10km, m=4.0, MS3.3/2, Error ellipse: s-maj=12.2km s-min=7.0km az=25.7

GUC 18 22:29:38.0, 34.54S, 72.26W, h12km, 1km, ML4.3
NEIC 18 22:29:38.0, 34.54S, 72.26W, h12km, mb4.4/1, ML4.3(GUC), After GUC.

NEIC FELT [V] at Pichilemu, [IV] at Navidad and Paredones, [III] at San Pedro and [II] at Melipilla.
ISC 18 22:29:39.1, 6.34, 57.5S, 0.06:72.24W, h13km, 8km, n36, r130/36, mb4.3/5, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like CHPI, NICH, RCDM, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like ARCO, AUSP, ASAL, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like TXAR, DBIC, BAR, BOS, etc.

DHMR 18 22:33:58.9, 1.7, 12.05N, 44.01E, h13km, 17km, ML3.6, 1D, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like ADEN, UDYN, LBSOS, etc.

IDC 18 22:36:38.3, 2.6, 36.35N, 70.84E, h170km, 24km, mb3.5/14, mb1.3/6.19, mb1mx4.3/46, mbtmp4.0/19, MS4.1/1, Ms1.4/1.1, ms1mx2.5/43, Error ellipse: s-maj=18.2km s-min=11.5km az=25.0

ISCJB 18 22:36:39.3, 0.3, 36.56N, 0.03:70.90E, 0.05, h188km, mb3.7/13, Error ellipse: s-maj=6.3km s-min=3.3km az=161.7

NEIC 18 22:36:39.3, 1.4, 36.46N, 70.87E, h176km, 12km, mb4.4/7, Error ellipse: s-maj=13.9km s-min=7.1km az=210.0
NMC 18 22:36:46.9, 2.8, 37.11N, 70.77E, h202km, 31km, mb3.4, mpv4.2, Error ellipse: s-maj=24.7km s-min=18.0km az=29.0

ISC 18 22:36:40.2, 0.5, 36.60N, 0.05:70.93E, 0.06, h188km, n64, r156/73, mb3.8/13, 3C-8D, Hindu Kush region

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

ISC 18 22:36:40.2, 0.5, 36.60N, 0.05:70.93E, 0.06, h188km, n64, r156/73, mb3.8/13, 3C-8D, Hindu Kush region

ISCJB 18 22:36:40.2, 0.5, 36.60N, 0.05:70.93E, 0.06, h188km, n64, r156/73, mb3.8/13, 3C-8D, Hindu Kush region

ISCJB 18 22:36:40.2, 0.5, 36.60N, 0.05:70.93E, 0.06, h188km, n64, r156/73, mb3.8/13, 3C-8D, Hindu Kush region

ISCJB 18 22:36:40.2, 0.5, 36.60N, 0.05:70.93E, 0.06, h188km, n64, r156/73, mb3.8/13, 3C-8D, Hindu Kush region

ISCJB 18 22:36:40.2, 0.5, 36.60N, 0.05:70.93E, 0.06, h188km, n64, r156/73, mb3.8/13, 3C-8D, Hindu Kush region

ISCJB 18 22:36:40.2, 0.5, 36.60N, 0.05:70.93E, 0.06, h188km, n64, r156/73, mb3.8/13, 3C-8D, Hindu Kush region

ISCJB 18 22:36:40.2, 0.5, 36.60N, 0.05:70.93E, 0.06, h188km, n64, r156/73, mb3.8/13, 3C-8D, Hindu Kush region

ISCJB 18 22:36:40.2, 0.5, 36.60N, 0.05:70.93E, 0.06, h188km, n64, r156/73, mb3.8/13, 3C-8D, Hindu Kush region

ISCJB 18 22:36:40.2, 0.5, 36.60N, 0.05:70.93E, 0.06, h188km, n64, r156/73, mb3.8/13, 3C-8D, Hindu Kush region

ISCJB 18 22:36:40.2, 0.5, 36.60N, 0.05:70.93E, 0.06, h188km, n64, r156/73, mb3.8/13, 3C-8D, Hindu Kush region

ISCJB 18 22:36:40.2, 0.5, 36.60N, 0.05:70.93E, 0.06, h188km, n64, r156/73, mb3.8/13, 3C-8D, Hindu Kush region

ISCJB 18 22:36:40.2, 0.5, 36.60N, 0.05:70.93E, 0.06, h188km, n64, r156/73, mb3.8/13, 3C-8D, Hindu Kush region

ISCJB 18 22:36:40.2, 0.5, 36.60N, 0.05:70.93E, 0.06, h188km, n64, r156/73, mb3.8/13, 3C-8D, Hindu Kush region

ISCJB 18 22:36:40.2, 0.5, 36.60N, 0.05:70.93E, 0.06, h188km, n64, r156/73, mb3.8/13, 3C-8D, Hindu Kush region

ISCJB 18 22:36:40.2, 0.5, 36.60N, 0.05:70.93E, 0.06, h188km, n64, r156/73, mb3.8/13, 3C-8D, Hindu Kush region

ISCJB 18 22:36:40.2, 0.5, 36.60N, 0.05:70.93E, 0.06, h188km, n64, r156/73, mb3.8/13, 3C-8D, Hindu Kush region

ISCJB 18 22:36:40.2, 0.5, 36.60N, 0.05:70.93E, 0.06, h188km, n64, r156/73, mb3.8/13, 3C-8D, Hindu Kush region

ISCJB 18 22:36:40.2, 0.5, 36.60N, 0.05:70.93E, 0.06, h188km, n64, r156/73, mb3.8/13, 3C-8D, Hindu Kush region

ISCJB 18 22:36:40.2, 0.5, 36.60N, 0.05:70.93E, 0.06, h188km, n64, r156/73, mb3.8/13, 3C-8D, Hindu Kush region

ISCJB 18 22:36:40.2, 0.5, 36.60N, 0.05:70.93E, 0.06, h188km, n64, r156/73, mb3.8/13, 3C-8D, Hindu Kush region

ISCJB 18 22:36:40.2, 0.5, 36.60N, 0.05:70.93E, 0.06, h188km, n64, r156/73, mb3.8/13, 3C-8D, Hindu Kush region

ISCJB 18 22:36:40.2, 0.5, 36.60N, 0.05:70.93E, 0.06, h188km, n64, r156/73, mb3.8/13, 3C-8D, Hindu Kush region

ISCJB 18 22:36:40.2, 0.5, 36.60N, 0.05:70.93E, 0.06, h188km, n64, r156/73, mb3.8/13, 3C-8D, Hindu Kush region

ISCJB 18 22:36:40.2, 0.5, 36.60N, 0.05:70.93E, 0.06, h188km, n64, r156/73, mb3.8/13, 3C-8D, Hindu Kush region

ISCJB 18 22:36:40.2, 0.5, 36.60N, 0.05:70.93E, 0.06, h188km, n64, r156/73, mb3.8/13, 3C-8D, Hindu Kush region

ISCJB 18 22:36:40.2, 0.5, 36.60N, 0.05:70.93E, 0.06, h188km, n64, r156/73, mb3.8/13, 3C-8D, Hindu Kush region

ISCJB 18 22:36:40.2, 0.5, 36.60N, 0.05:70.93E, 0.06, h188km, n64, r156/73, mb3.8/13, 3C-8D, Hindu Kush region

ISCJB 18 22:36:40.2, 0.5, 36.60N, 0.05:70.93E, 0.06, h188km, n64, r156/73, mb3.8/13, 3C-8D, Hindu Kush region

MEX 18 22:41:14.2, 0.3, 19.32N, 91.85W, h10km, MD3.8, Near coast of Guatemala

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

ISK 18 22:48:30.6, 37.93N, 34.90E, h20km, MD2.9
DDA 18 22:48:33.6, 37.88N, 35.19E, h19km, MD2.8
CSEM 18 22:48:33.4, 0.4, 37.86N, 35.12E, h30km, MD2.9, Error ellipse: s-maj=14.8km s-min=10.6km az=103.0

ISC 18 22:48:30.4, 1.6, 37.93N, 0.03:34.93E, 0.04, h0km, 14km, n14, r1817/22, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like AKO, KARA, GULA, etc.

IDC 18 22:51:09.2, 2.9, 30.91S, 177.64W, h0km, mb3.9/3, mb1.4/0.4, mb1mx3.8/29, mbtmp3.8/4, ML3.1/1, Error ellipse: s-maj=65.8km s-min=26.8km az=113.0

ISCJB 18 22:51:10.4, 0.7, 30.99S, 0.08:177.50W, 0.1, h27km, mb4.9/3, Error ellipse: s-maj=29.6km s-min=7.8km

NEIC 18 22:51:10.6, 3.1, 30.94S, 177.50W, h15km, 19km, mb4.4/9, Error ellipse: s-maj=12.9km s-min=7.1km az=127.0

ISC 18 22:51:12.6, 0.8, 30.84S, 0.08:177.65W, 0.1, h27km, n18, r102/20, mb4.3/13, Kermedac Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like RAO, URZ, AFJ, EIDS, HNR, STKA, etc.

IDC 18 22:51:16.1, 4.1, 20.98N, 143.61E, h0km, mb3.6/6, mb1.3/8.6, mb1mx3.4/59, mbtmp3.6/6, Error ellipse: s-maj=106.9km s-min=40.5km az=161.0, Mariana Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like CMAR, MKAR, KURBB, etc.

IDC 18 22:52:13.8, 2.0, 12.34N, 91.55E, h0km, mb3.5/5, mb1.3/6.6, mb1mx3.6/59, mbtmp3.4/6, ML3.3/1, MS3.5/1, Ms1.3/5.1, ms1mx2.6/40, Error ellipse: s-maj=62.3km s-min=22.4km az=67.0, Andaman Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists stations like CMAR, H08S, H08S2, etc.

BJI 18 23:12:01.9, 1.94N, 98.06E, h46km, mb5.1/74, mb5.2/47, Ms4.8/67, Ms7.4/66

MOS 18 23:12:03.0, 9.8, 1.98N, 97.96E, h51km, mb5.7/60, MS4.5/11, Error ellipse: s-maj=7.3km s-min=4.3km az=110.7

IDC 18 23:12:04.9, 0.6, 1.93N, 97.96E, h46km, 5km, mb4.9/44, mb1.4/9.46, mb1mx4.8/51, mbtmp5.1/46, MS4.3/36, Ms1.4/3/36, ms1mx4.2/52, Error ellipse: s-maj=10.4km s-min=8.1km az=38.0

ISCJB 18 23:12:05.0, 0.3, 1.95N, 0.02:97.89E, 0.02, h64km, 2km, mb5.3/181, Error ellipse: s-maj=3.7km s-min=2.6km

HHC	Hu-ho-hao-te	40.63	16	eP	P	23 19 42.6 +1.8
HHC				pP	pP	23 19 54.8 +0.8
HHC				sP	sP	23 20 00.3 +0.5
HHC				Pn	Pn	23 21 21.0 +1.5
HHC				S	S	23 25 50.6 +3.4
HHC				sS	sS	23 26 11.6 +2.3
HHC				ScS	ScS	23 29 41.9 -0.2
HHC				pmax	pmax	
HHC	comp=Z,9.0nm,0.8s					
HHC	comp=Z,250nm,8.7s			pmax	pmax	
HHC	comp=Z,910nm,15.1s			LR	LR	
HHC	comp=Z,550nm,12.8s			LR	LR	
HHC	comp=Z,870nm,15.2s			LR	LR	
BJT	Baijiatuu	41.35	21	eP	P	23 19 47.3 +0.7
BJT	Baijiatuu	41.35	21	eP	P	23 19 47.3 +0.7
BJT	Beijing	41.37	21	P	S	23 19 46.9 +0.2
BJT				S	pmax	23 26 02.5 +4.6
BJT	comp=Z,52nm,0.8s					
BJT	comp=Z,62nm,0.8s					
BJT	comp=Z,520nm,18.7s			LR	LR	
BJT	comp=Z,340nm,18.1s			LR	LR	
BJT	comp=Z,470nm,30.5s			LR	LR	
WRA	Warrungu Arr	41.85	123	P	P	23 19 49.6 -1.4
WRA	comp=Z,51nm,0.8s,baz=302,slow=9.1,SNR=207			PcP	PcP	23 21 46.6 +0.3
WRA	comp=Z,15nm,0.8s,baz=309,slow=2.8,SNR=8.6			S	S	23 25 57.9 -7.8
WRA	comp=Z,5.8nm,1.2s,baz=295,slow=11,SNR=7.0			LR	LR	23 38 24.0
WRA	comp=Z,338nm,20.5s,baz=280,slow=38			LR	LR	
WRAB	Tennant Creek	41.85	123	P	P	23 19 50.0 -1.0
WRAB	comp=Z,418nm,0.6s,SNR=144			eP	P	23 19 49.6 -1.4
WRAB	comp=Z,58nm,0.8s			eP	P	23 19 49.6 -1.4
WRAB	comp=Z,58nm,0.8s			eP	pmax	
WRAB	comp=Z,58nm,0.8s			eP	P	23 19 53.2 0.0
WRAB	comp=Z,35nm,0.9s			eP	pmax	
KBL	Kabul	42.12	324	eP	P	23 19 53.2 0.0
KBL	Kabul	42.12	324	eP	P	23 19 53.2 0.0
KBL	comp=Z,35nm,0.9s			eP	pmax	
KSH	Kashi	42.38	335	iP	P	23 19 54.1 -1.0
KSH				pP	pP	23 20 06.8 -1.6
KSH				sP	sP	23 20 11.9 -2.3
KSH				PP	PP	23 21 36.8 +2.7
KSH				PcP	PcP	23 21 48.9 +1.1
KSH				ScP	ScP	23 25 32.9 -1.8
KSH				PcS	PcS	23 25 39.0 -0.8
KSH				S	S	23 26 08.8 -4.4
KSH				sS	sS	23 26 30.3 -5.1
KSH				ScS	ScS	23 29 13.5 -1.0
KSH				ScS	ScS	23 29 46.4 -6.5
KSH	comp=Z,31nm,0.6s				pmax	
KSH	comp=Z,210nm,6.1s			LR	LR	
KSH	comp=Z,120nm,5.3s			LR	LR	
KSH	comp=Z,110nm,4.9s			LR	LR	
GENI	Genyem	42.49	96	P	P	23 19 55.3 -1.0
GENI	comp=Z,94nm,0.9s					
WMQ	Urumqi	42.65	349	P	P	23 19 58.3 +1.1
WMQ				pP	pP	23 20 10.5 0.0
WMQ				sP	sP	23 20 15.3 -1.0
WMQ				PP	PP	23 21 41.3 +4.3
WMQ				PcP	PcP	23 21 50.9 +2.3
WMQ				ScP	ScP	23 25 36.3 +0.8
WMQ				PcS	PcS	23 25 41.0 +0.4
WMQ				S	S	23 26 16.9 -0.1
WMQ				sS	sS	23 26 39.6 +0.4
WMQ				ScS	ScS	23 29 23.3 -5.5
WMQ				ScS	ScS	23 29 53.0 -1.3
WMQ	comp=Z,85nm,1.0s				pmax	
WMQ	comp=Z,52nm,4.8s				pmax	
WMQ	comp=Z,160nm,32.4s			LR	LR	
WMQ	comp=Z,230nm,23.6s			LR	LR	
WMQ	comp=Z,210nm,37.8s			LR	LR	
DL2	Dalian	42.67	28	P	S	23 19 57.3 -0.1
DL2				S	pmax	23 26 18.5 +1.3
DL2	comp=Z,42nm,0.8s			LR	LR	
JAY	Jayapura	43.02	96	P	P	23 19 60.0 -0.6
JAY	comp=Z,3.2nm,0.7s,baz=217,slow=20,SNR=7.3					
JAY	Alice Springs	43.02	96	P	P	23 20 00.0 -1.2
AS31	Alice Springs	43.02	128	eP	P	23 20 01.6 -1.4
ASAR	Alice Springs	43.30	128	P	P	23 20 01.4 -1.4
ASAR	comp=Z,15nm,0.9s,baz=302,slow=7.6,SNR=97			PcP	PcP	23 21 51.9 +0.8
ASAR	comp=Z,15nm,0.8s,baz=308,slow=3.1,SNR=16			ScP	ScP	23 25 37.5 -1.1
ASAR	comp=Z,1.0nm,0.8s,baz=312,slow=3.5,SNR=4.6			S	S	23 26 19.9 -7.1
ASAR	comp=Z,3.0nm,0.9s,baz=302,slow=15,SNR=10			LR	LR	23 38 27.7
ASAR	comp=Z,358nm,21.9s,baz=306,slow=37			LR	LR	
AS01	Alice Springs	43.34	128	eP	P	23 20 01.2 -1.9
WSAR	Wadi Sarin	43.53	302	P	P	23 20 06.1 +1.5
TJN	Taejon	44.79	34	P	P	23 20 05.8 -0.3
JNU	Nakatsue	43.77	41	P	P	23 20 06.3 0.0
JNU	comp=Z,14nm,0.8s,baz=254,slow=2.1,SNR=8.8			LR	LR	23 37 37.2
JNU	comp=Z,301nm,21.8s,baz=284,slow=35					
JNU	comp=Z,28nm,1.1s					
SMDO	Samad	43.95	302	P	P	23 20 09.7 +1.6
SMDO	comp=Z,5.7					
SMDO	Samad	43.95	302	P	P	23 20 09.7 +1.6
ULHL	Ulahoi	44.56	337	P	P	23 20 14.1 +1.3
ULHL	SNR=23					
KSAR	Wonju Array Be	44.79	34	P	P	23 20 13.9 -0.5
KSAR	Wonju Array Be	44.79	34	P	P	23 20 13.9 -0.5
KZA	Kyzart	44.81	336	P	P	23 20 16.2 +1.1
KZA	SNR=34					
KSRS	Korea Array	44.82	34	P	P	23 20 13.9 -0.8
KSRS	comp=Z,32nm,0.8s,baz=220,slow=9.1,SNR=106					
KSRS	comp=Z,398nm,20.9s,baz=334,slow=37			LR	LR	23 39 26.2
UCH	Uchter	45.24	335	P	P	23 20 19.6 +1.1
UCH	SNR=108					
TKM2	Tokmak 2	45.39	337	P	P	23 20 20.3 +1.0
TKM2	SNR=80					
TKM2	Tokmak 2	45.39	337	eP	P	23 20 20.1 +0.8
TKM2	comp=Z,94nm,1.1s					
TKM2	Tokmak 2	45.39	337	eP	pmax	23 20 20.1 +0.8
TKM2	comp=Z,94nm,1.1s					
KBK	Karagaybulak	45.42	336	P	P	23 20 21.2 +1.6
KBK	SNR=134					
AML	Almayashu	45.51	335	P	P	23 20 21.6 +1.0
AML	SNR=62					
AAK	Ala-Archa	45.59	336	P	P	23 21 59.7 +1.0
AAK	comp=Z,17nm,0.7s,baz=147,slow=5.6,SNR=80			PcP	PcP	23 21 59.7 +1.0
AAK	comp=Z,12nm,1.0s,baz=166,slow=5.1,SNR=3.5					
AAK	Ala-Archa	45.59	336	P	P	23 20 22.0 +1.1
AAK	comp=Z,238nm,0.9s,SNR=92					
AAK	Ala-Archa	45.59	336	P	P	23 20 21.7 +0.8
AAK	SNR=34					
AAK	Ala-Archa	45.59	336	P	P	23 20 22.3 +1.4
AAK	SNR=29					
AAK	Ala-Archa	45.59	336	P	P	23 20 22.3 +1.4
AAK	SNR=29					

AAK	Ala-Archa	45.59	336	eP	P	23 20 22.0 +1.1
AAK	comp=Z,38nm,1.0s					
AAK	Ala-Archa	45.59	336	eP	P	23 21 59.7 +1.0
AAK	comp=Z,48nm,0.9s			PcP	PcP	23 20 21.7 +0.8
AAK	comp=Z,48nm,0.9s			pmax	pmax	
RBK	Rabkut	45.60	293	P	P	23 20 22.6 +1.3
RBK	SNR=13					
RBK	Rabkut	45.60	293	P	P	23 20 22.6 +1.3
RBK	SNR=13					
FRU	Bishkek	45.70	336	eP	P	23 20 22.0 +0.4
FRU	comp=Z,185nm,2.1s					
CHMS	Chumysh	45.79	336	P	P	23 20 23.2 +0.9
CHMS	SNR=3					
CHMS	Shenyang	45.90	27	iP	P	23 20 21.9 -1.2
CHMS	SNY			pP	pP	23 20 36.9 +0.4
CHMS	SNY			pmax	pmax	
SNY	comp=Z,14nm,0.9s					
SNY	comp=Z,280nm,5.8s					
SNY	comp=Z,620nm,16.2s			LR	LR	
SNY	comp=Z,770nm,19.3s			LR	LR	
SNY	comp=Z,1um,16.0s					
EKS2	Erkin-Say	45.91	335	P	P	23 20 24.4 +1.0
EKS2	SNR=38					
EKS2	Erkin-Say	45.91	335	P	P	23 20 24.6 +1.2
EKS2	comp=Z,51nm,0.8s					
EKS2	Erkin-Say	45.91	335	eP	P	23 20 24.6 +1.2
EKS2	comp=Z,51nm,0.8s			pmax	pmax	
USP	Ospenovay	46.11	336	P	P	23 20 25.5 +0.7
USP	SNR=190					
SOMN	Songino Array	46.28	8	P	P	23 20 26.4 +0.3
SOMN	comp=Z,60nm,0.8s,baz=188,slow=7.7,SNR=387			PcP	PcP	23 22 01.4 +0.5
SOMN	comp=Z,1.0nm,0.8s,baz=189,slow=3.2,SNR=5.4			ScP	ScP	23 25 49.6 -0.8
SOMN	comp=Z,2.0nm,1.0s,baz=224,slow=3.2,SNR=3.8					23 42 01.7
ULN	Ulanbaatar	46.40	8	P	P	23 20 27.7 +0.6
ULN	SNR=20					
ULN	Ulanbaatar	46.40	8	P	P	23 20 27.7 +0.6
ULN	SNR=20					
ULN	Ulanbaatar	46.40	8	P	P	23 20 27.3 +0.1
ULN	comp=Z,60nm,1.5s,comp=Z,612nm					
ULN	Ulanbaatar	46.40	8	eP	P	23 20 27.3 +0.1
ULN	comp=Z,47nm,0.9s					
ULN	Ulanbaatar	46.40	8	eP	pmax	23 20 27.3 +0.1
ULN	comp=Z,47nm,0.9s					
QIS	Mount Isa	46.58	121	P	P	23 20 28.3 -0.6
QIS	SNR=14					
MK01	Makanchi Array	46.65	345	eP	P	23 20 28.1 -0.9
MK01	comp=Z,188nm,0.8s,baz=157,slow=7.4,SNR=1218					
MK01	Makanchi Array	46.68	345	eP	P	23 20 29.8 +0.6
MK01	Makanchi Array	46.68	345	eP	P	23 20 29.8 +0.6
MK01	Makanchi Array	46.68	345	eP	P	23 20 29.5 +0.3
MK01	Makanchi Array	46.68	345	eP	P	23 20 29.8 +0.6
MK01	Makanchi Array	46.68	345	eP	P	23 20 29.8 +0.6
MK01	Makanchi Array	46.68	345	eP	P	23 20

Table with columns: Code, Name, RA, Dec, Az, El, P, and other parameters. Includes entries like DPC Dobruska-Polom, KSP Ksiaz, BOJS Bojan, etc.

Table with columns: Code, Name, RA, Dec, Az, El, P, and other parameters. Includes entries like THEF They Montfort, BEBN Eben Enmael, SNF Senefle, etc.

Table with columns: Code, Name, RA, Dec, Az, El, P, and other parameters. Includes entries like ECSD EROS Data, IBP Imperial Bould, K31A O'Neill, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s ISC. Includes stations like GOGA Godfrey, GOGA GOGA, CGAR Cane Creek, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s ISC. Includes stations like WEL 18 23:23:38.0, DCZ Deep Cove, etc.

IDC 18 23:36:28.9, 4.0, 15.13Sx173.42W, h0km, mb3.4/2, mb1 3.8/3, mb1mx3.5/28, mbtmp3.6/3, ML4.1/1.1, MS2.6/1.1, MS1 2.6/1.1, ms1mx2.4/2.1, Error ellipse: s-maj=2.1km s-min=1.6km az=90.0, s-min=26.2km az=150.0

NEIC 18 23:36:30.5, 0.4, 15.01Sx173.48W, h10km, mb4.6/7, Error ellipse: s-maj=13.3km s-min=7.7km az=132.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s ISC. Includes stations like AFI Afiamalo, AFI Raoul Island, H11S2 WAKE ISLAND Hy, etc.

IDC 18 23:45:54.8, 1.0, 22.07N-143.22E, h0km, mb3.4/6, mb1 3.6/6, mb1mx3.4/49, mbtmp3.4/6, Error ellipse: s-maj=40.0km s-min=22.3km az=79.0, Volcano Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s ISC. Includes stations like H11S3 WAKE ISLAND Hy, H11S1 WAKE ISLAND Hy, etc.

IDC 18 23:54:02.6, 0.6, 34.97Sx70.16W, h0km, mb4.3/8, mb1 4.5/12, mb1mx4.4/23, mbtmp4.4/12, ML3.8/3.4, MS4.0/8, MS1 4.0/8, ms1mx3.8/17, Error ellipse: s-maj=2.7km s-min=1.7km az=91.0

GUC 18 23:54:03.2, 0.5, 34.91Sx70.39W, h18km, 3km, ML4.8, NEIC 18 23:54:03.0, 34.91Sx70.39W, h18km, mb4.8/30, MD4.7(SJA), ML4.8(GUC), After GUC.

NEIC Felt [III] at Talca and [II] at Curico, Rancagua, Romeral, San Fernando and Tiltit. Also felt [III] at Malargue and San Rafael, Argentina.

ISCJTB 18 23:54:04.7, 0.9, 34.99Sx0.03x70.36W, 0.04, h19km, 6km, mb4.8/36, MS4.1/5, Error ellipse: s-maj=6.0km s-min=4.9km az=143.1

SJA 18 23:54:04.0, 1.2, 34.68Sx71.42W, h199km, 11km, ML4.8, BUI 18 23:54:09.8, 34.90Sx70.10W, h43km, mb5.4/4, MS5.2/4, MS7.5/1/4

ISC 18 23:54:06.1, 0.1, 34.93Sx0.03x70.41W, 0.04, h25km, 7km, n105, s1968/114, mb4.8/36, MS4.1/5, 2D, Chile-Argentina border region

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

AVIZ comp=Z,8km,0.6s VIZcacheras 2.14 48 eP Pn 23 54 40.2 +1.2

ASAL comp=Z,3.0m,0.4s Salagasta 2.68 30 eP Pn 23 54 52.4 -1.5

ASAL comp=Z,1.95m,0.6s ANUP 5.67 17 eP Pn 23 55 32.4 +3.1

PLCA comp=Z,2.2m,0.3s, baz=357, slow=12, SNR=7.3 PASO Flores 5.79 181 eP Pn 23 55 31.6 +0.7

PLCA comp=Z,2.6m,0.3s, baz=8.6, slow=13, SNR=19.1 PASO Flores 5.79 181 eP Pn 23 55 31.6 +0.7

PLCA comp=Z,2.17m, 19.9s, baz=30, slow=43 PASO Flores 5.79 181 eP Pn 23 55 33.9 +2.9

PLCA comp=Z,1.9m,0.3s, baz=119, slow=19, SNR=2.3 PASO Flores 5.79 181 eP Pn 23 55 33.9 +2.9

PLCA comp=Z,2.817m, 19.9s, baz=30, slow=43 PASO Flores 5.79 181 eP Pn 23 55 33.9 +2.9

PLCA comp=Z,2.1m,0.3s, baz=119, slow=19, SNR=2.3 PASO Flores 5.79 181 eP Pn 23 55 33.9 +2.9

PLCA comp=Z,2.817m, 19.9s, baz=30, slow=43 PASO Flores 5.79 181 eP Pn 23 55 33.9 +2.9

PLCA comp=Z,2.1m,0.3s, baz=119, slow=19, SNR=2.3 PASO Flores 5.79 181 eP Pn 23 55 33.9 +2.9

PLCA comp=Z,2.817m, 19.9s, baz=30, slow=43 PASO Flores 5.79 181 eP Pn 23 55 33.9 +2.9

PLCA comp=Z,2.1m,0.3s, baz=119, slow=19, SNR=2.3 PASO Flores 5.79 181 eP Pn 23 55 33.9 +2.9

PLCA comp=Z,2.817m, 19.9s, baz=30, slow=43 PASO Flores 5.79 181 eP Pn 23 55 33.9 +2.9

PLCA comp=Z,2.1m,0.3s, baz=119, slow=19, SNR=2.3 PASO Flores 5.79 181 eP Pn 23 55 33.9 +2.9

PLCA comp=Z,2.817m, 19.9s, baz=30, slow=43 PASO Flores 5.79 181 eP Pn 23 55 33.9 +2.9

PLCA comp=Z,2.1m,0.3s, baz=119, slow=19, SNR=2.3 PASO Flores 5.79 181 eP Pn 23 55 33.9 +2.9

PLCA comp=Z,2.817m, 19.9s, baz=30, slow=43 PASO Flores 5.79 181 eP Pn 23 55 33.9 +2.9

PLCA comp=Z,2.1m,0.3s, baz=119, slow=19, SNR=2.3 PASO Flores 5.79 181 eP Pn 23 55 33.9 +2.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time Res, h m s ISC. Includes stations like LSP Las Mesas, ANWB Willy Bob, GTBY Guanano Bay, etc.

IDC 18 23:58:29.6, 3.5, 39.83N-39.03E, h0km, mb3.6/1, mb1 3.4/3, mb1mx3.0/47, mbtmp3.3/3, ML2.8/2, Error ellipse: s-maj=64.1km s-min=11.2km az=151.0

ISK 18 23:58:31.8, 40.07N-38.95E, h5km, MD2.9, ML3.3, DDA 18 23:58:32.5, 40.03N-38.92E, h13km, ML3.8, CSEM 18 23:58:32.0, 2.0, 40.06N-38.94E, h2km, ML3.8, Error ellipse: s-maj=4.2km s-min=3.3km az=92.0

ISC 18 23:58:32.7, 1.1, 40.05N-0.02, 38.91E, 0.01, h2km, 9km, n116, s129/163, 4C-4D, Turkey

ISCJTB 18 23:58:32.7, 1.1, 40.05N-0.02, 38.91E, 0.01, h2km, 9km, n116, s129/163, 4C-4D, Turkey

ISCJTB 18 23:58:32.7, 1.1, 40.05N-0.02, 38.91E, 0.01, h2km, 9km, n116, s129/163, 4C-4D, Turkey

ISCJTB 18 23:58:32.7, 1.1, 40.05N-0.02, 38.91E, 0.01, h2km, 9km, n116, s129/163, 4C-4D, Turkey

ISCJTB 18 23:58:32.7, 1.1, 40.05N-0.02, 38.91E, 0.01, h2km, 9km, n116, s129/163, 4C-4D, Turkey

ISCJTB 18 23:58:32.7, 1.1, 40.05N-0.02, 38.91E, 0.01, h2km, 9km, n116, s129/163, 4C-4D, Turkey

ISCJTB 18 23:58:32.7, 1.1, 40.05N-0.02, 38.91E, 0.01, h2km, 9km, n116, s129/163, 4C-4D, Turkey

ISCJTB 18 23:58:32.7, 1.1, 40.05N-0.02, 38.91E, 0.01, h2km, 9km, n116, s129/163, 4C-4D, Turkey

ISCJTB 18 23:58:32.7, 1.1, 40.05N-0.02, 38.91E, 0.01, h2km, 9km, n116, s129/163, 4C-4D, Turkey

ISCJTB 18 23:58:32.7, 1.1, 40.05N-0.02, 38.91E, 0.01, h2km, 9km, n116, s129/163, 4C-4D, Turkey

ISCJTB 18 23:58:32.7, 1.1, 40.05N-0.02, 38.91E, 0.01, h2km, 9km, n116, s129/163, 4C-4D, Turkey

ISCJTB 18 23:58:32.7, 1.1, 40.05N-0.02, 38.91E, 0.01, h2km, 9km, n116, s129/163, 4C-4D, Turkey

ISCJTB 18 23:58:32.7, 1.1, 40.05N-0.02, 38.91E, 0.01, h2km, 9km, n116, s129/163, 4C-4D, Turkey

ISCJTB 18 23:58:32.7, 1.1, 40.05N-0.02, 38.91E, 0.01, h2km, 9km, n116, s129/163, 4C-4D, Turkey

ISCJTB 18 23:58:32.7, 1.1, 40.05N-0.02, 38.91E, 0.01, h2km, 9km, n116, s129/163, 4C-4D, Turkey

ISCJTB 18 23:58:32.7, 1.1, 40.05N-0.02, 38.91E, 0.01, h2km, 9km, n116, s129/163, 4C-4D, Turkey

ISCJTB 18 23:58:32.7, 1.1, 40.05N-0.02, 38.91E, 0.01, h2km, 9km, n116, s129/163, 4C-4D, Turkey

ISCJTB 18 23:58:32.7, 1.1, 40.05N-0.02, 38.91E, 0.01, h2km, 9km, n116, s129/163, 4C-4D, Turkey

ISCJTB 18 23:58:32.7, 1.1, 40.05N-0.02, 38.91E, 0.01, h2km, 9km, n116, s129/163, 4C-4D, Turkey

ISCJTB 18 23:58:32.7, 1.1, 40.05N-0.02, 38.91E, 0.01, h2km, 9km, n116, s129/163, 4C-4D, Turkey

ISCJTB 18 23:58:32.7, 1.1, 40.05N-0.02, 38.91E, 0.01, h2km, 9km, n116, s129/163, 4C-4D, Turkey

ISCJTB 18 23:58:32.7, 1.1, 40.05N-0.02, 38.91E, 0.01, h2km, 9km, n116, s129/163, 4C-4D, Turkey

ISCJTB 18 23:58:32.7, 1.1, 40.05N-0.02, 38.91E, 0.01, h2km, 9km, n116, s129/163, 4C-4D, Turkey

ISCJTB 18 23:58:32.7, 1.1, 40.05N-0.02, 38.91E, 0.01, h2km, 9km, n116, s129/163, 4C-4D, Turkey

ISCJTB 18 23:58:32.7, 1.1, 40.05N-0.02, 38.91E, 0.01, h2km, 9km, n116, s129/163, 4C-4D, Turkey

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Table with columns: Station, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like KSH, KSH, ULHL, KZA, etc.

2011 FEB

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like VYUS, VASU, PRAR, BURAR, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like WTP, WTP, ALS, ALS, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time Res, h m s ISC. Rows include stations like Puketiti, Carnagh Statio, Waionatatin S, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time Res, h m s ISC. Rows include stations like Kuaotunu, Dannevirke, Matakaoa Point, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time Res, h m s ISC. Rows include stations like Matakaoa Point, Matawai, Rawiri, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time Res, h m s ISC. Rows include stations like PDSI Padang, SSSI Sungai Dareh, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time Res, h m s ISC. Rows include stations like BARC Barichara, BTLC Betulia, etc.

19d 3h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like DAWY Dawson, SKAG Skagway, INK Inuvik, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like SONM, EGMT, MGMT, BOZ, ZAK, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like SRU, PFO, B28A, E26A, G25A, A29A, IRM, B29A, H25A, E27A, F27A, O20A, G26A, MDND, A30A, PDMCI, HOPEN, G27A, H26A, B30A, Y12C, HSPB, WHN, PV09, ULM, I26A, PV10, F28A, GLA, H27A, PV04, B31A, C30A, PV05, N23A, D30A, A32A, I27A, G28A, PV01, C31A, Y14A, H28A, SMC0, B32A, XAN, XAN, XAN, I28A, J27A, A33A, H29A, ISCO, ISCO, ISCO, AGMN, AGMN, E31A, ZALV, ZALV, B33A, J28A, G30A, B34A, S22A, S22A, W18A, J29A, D33A, Q24A, I30A, I30A, 214A, C34A, B35A, D34A, LZH, LZH, C35A, SDC0, SDC0, GTA

Call Sign	Frequency	Mode	Power	Offset	Notes	Call Sign	Frequency	Mode	Power	Offset	Notes	Call Sign	Frequency	Mode	Power	Offset	Notes			
GTA				04 08 49.3	-0.8	M38A Pleasantville	58.02	62	P	P	04 08 47.0	-1.1	JCT	baz=316	61.89	76	P	04 09 14.1	-0.6	
GTA				04 09 05.6	-0.5	MK31 Makanchi Array	58.13	306	eP	P	04 08 47.6	-1.3	JCT	baz=316	61.89	76	eP	P	04 09 14.4	-0.4
GTA						MK31 Makanchi Array	58.13	306	eP	P	04 08 47.6	-1.3	JCT	baz=316	61.89	76	eP	P	04 09 14.4	-0.4
K30A	comp=Z,4.0nm,0.9s		53.62	65	P	MKAR Makanchi Array	58.13	306	eP	P	04 08 48.2	-0.7	JCT	Lafayette	62.04	60	P	P	04 09 14.2	-1.3
J31A	baz=311,SNR=5.1		53.71	64	P	MKAR Makanchi Array	58.13	306	eP	P	04 08 47.6	-1.3	SFIN	Lafayette	62.04	60	eP	P	04 09 14.5	-1.0
G33A	baz=310		53.73	61	P	MK01 Makanchi Array	58.14	306	eP	P	04 08 48.1	-0.9	W39A	Magazine	62.04	68	P	P	04 09 14.6	-1.0
D35A	Remer		53.78	58	P	US2A Wintler Ranch,	58.20	70	P	P	04 08 48.7	-0.8	433A	Art	62.12	75	P	P	04 09 15.7	-0.5
H33A	Prehn Over Nor		53.90	62	P	O37A Wolven Farm, M	58.35	64	P	P	04 08 48.8	-1.6	WHXX	Lake Whitney,	62.20	73	P	P	04 09 16.7	0.0
E35A	Pequot Lakes		53.94	59	P	GYA Gulyang	58.40	273	eP	P	04 08 51.8	+0.7	334A	Lometa	62.21	74	P	P	04 09 16.5	-0.3
TUC	Tucson		53.95	82	P	GYA GVA	04 09 27.4	+2.3	pP	P	04 09 27.4	+2.3	X39A	Fountain Ranch	62.34	69	P	P	04 09 17.1	-0.5
TUC	Tucson		53.95	82	eP	GYA GVA	04 11 05.0	+3.3	PP	P	04 11 05.0	+3.3	Z37A	Pogue Cattle C	62.41	71	P	P	04 09 17.6	-0.5
TUC	Tucson		53.95	82	eP	GYA GVA	04 16 41.8	-0.9	S	P	04 16 41.8	-0.9	W40A	Ferguson Farm,	62.45	67	P	P	04 09 16.7	-1.6
TUC	Tucson		53.95	82	eP	GYA GVA	04 17 41.8	+0.3	S	P	04 17 41.8	+0.3	434A	Burnet	62.56	74	P	P	04 09 18.5	-0.7
C36A	comp=Z,9.0nm,1.2s		53.98	57	P	N38A Joes South For	58.42	63	P	P	04 08 50.0	-1.0	MIAR	Mount Ida	62.63	68	P	P	04 09 19.2	-0.4
O28A	Krutsinger Ran		54.06	69	P	R35A Emporia Munci	58.47	67	P	P	04 08 49.7	-1.6	533A	Kerrville	62.64	76	P	P	04 09 19.1	-0.7
F35A	Swanville		54.30	59	P	P37A Lathrop	58.64	65	P	P	04 08 51.0	-1.4	236A	Katherine and	62.74	72	P	P	04 09 20.0	-0.3
KSCO	Kaye Shedlock		54.30	70	P	O38A Galt	58.76	64	P	P	04 08 52.5	-0.7	534A	Blanco	63.01	75	P	P	04 09 21.5	-0.6
KSCO	Kaye Shedlock		54.30	70	eP	N39A Derby Farms, D	58.77	62	P	P	04 08 52.2	-1.2	237A	Washetta, Mont	63.16	72	P	P	04 09 22.0	-1.1
L31A	Butterfield Fa		54.38	65	P	T34A McClaskey Farm	58.80	69	P	P	04 08 51.9	-1.7	832A	Faith Ranch, C	63.37	78	P	P	04 09 24.4	-0.2
P28A	Saint Francis		54.44	69	P	S35A Otter Creek Ra	58.84	68	P	P	04 08 52.4	-1.6	833A	Chaparral WMA,	63.70	77	P	P	04 09 26.8	+0.1
T25A	Trinidad		54.51	73	P	R36A Gordon, Harris	58.86	66	P	P	04 08 52.7	-1.3	635A	Leesville	63.79	75	P	P	04 09 28.1	+0.2
T25A	Trinidad		54.51	73	eP	U34A Anderson Ranch	59.01	69	P	P	04 08 54.4	-0.7	TKM2	Tokmak 2	64.22	307	eP	P	04 09 30.3	+0.1
EYMN	comp=Z,2.1nm,1.3s		54.54	56	P	U34A Anderson Ranch	59.01	69	eP	P	04 08 54.7	-0.4	TKM2	Tokmak 2	64.22	307	eP	P	04 09 30.3	+0.1
E36A	McGregor		54.57	58	P	BRVK Borovoye	59.16	318	eP	P	04 08 55.0	+0.2	TKM2	Tokmak 2	64.22	307	eP	P	04 09 30.3	+0.1
ECSD	EROS Data Cent		54.59	62	P	BRVK Borovoye	59.16	318	eP	P	04 08 55.8	-0.1	438A	comp=Z,3.0nm,0.9s	64.27	73	P	P	04 09 30.8	+0.5
LAZ	Ladron		54.73	78	eP	S36A Lake Cedric, C	59.23	67	P	P	04 08 54.8	-1.7	933A	Laredo	64.28	78	P	P	04 09 31.4	+0.9
F36A	Milaca		54.85	59	P	V34A Guthrie	59.44	70	P	P	04 08 57.2	-0.9	835A	Beville	64.66	76	P	P	04 09 34.3	+1.3
P29A	Atwood		54.89	69	P	WMOK Wichita Mounta	59.47	72	eP	P	04 08 58.4	+0.1	FINES	FINES Array B	64.68	346	P	P	04 09 31.6	-0.9
R28A	Tribune		55.23	71	P	WMOK Wichita Mounta	59.47	72	eP	P	04 08 58.4	+0.1	934A	Benavides	64.75	77	P	P	04 09 34.9	+1.4
P30A	Gelden		55.33	68	P	Q38A Cooks Store, C	59.48	65	P	P	04 08 56.7	-1.6	AAK	Ala-Archa	64.98	308	eP	P	04 09 35.6	+0.6
Q29A	Oakley		55.34	69	P	T36A Boggs Farm, Ca	59.53	68	P	P	04 08 57.1	-1.5	AAK	Ala-Archa	64.98	308	eP	P	04 09 35.2	+0.2
H36A	Jessenland, He		55.49	60	P	P39A Salisbury	59.59	64	P	P	04 08 57.3	-1.8	OXF	Oxford	65.02	66	eP	P	04 09 34.3	-0.8
319A	Douglas		55.52	82	eP	O40A La Belle	59.64	63	P	P	04 08 58.2	-1.1	OXF	Oxford	65.02	66	eP	P	04 09 34.3	-0.8
R29A	Marienthal		55.56	70	P	X33A Lawton	59.77	72	P	P	04 09 00.0	-0.3	EKS2	Erkin-Say	65.31	308	eP	P	04 09 37.2	+0.1
K34A	Le Mars		55.57	63	P	V35A Meyer Ranch, C	59.88	69	P	P	04 09 00.3	-0.8	EKS2	Erkin-Say	65.31	308	eP	P	04 09 37.2	+0.1
121A	Cookes Peak, D		55.63	80	P	P40A Paris	59.95	63	P	P	04 09 00.1	-1.3	ABKAR	Abkukul array	66.25	321	eP	P	04 09 43.4	+0.6
SPMN	Marine on St.		55.66	59	P	T37A Cheneyville 18	60.03	67	P	P	04 09 00.2	-1.8	ABKAR	Abkukul array	66.25	321	eP	P	04 09 43.4	+0.6
S28A	Manter		55.68	71	P	Y33A Hilltop Ranch,	60.08	72	P	P	04 09 02.2	-0.2	KKAR	Karatay Array	66.53	310	eP	P	04 09 44.8	+0.1
M33A	Taylor Creek F		55.70	65	P	X34A Smith Ranch, M	60.12	71	P	P	04 09 02.8	+0.1	KKAR	Karatay Array	66.53	310	eP	P	04 09 44.8	+0.1
Q30A	Quinter		55.72	69	P	S38A Stockton	60.25	66	P	P	04 09 01.4	-2.1	KSH	Kashi	66.58	305	P	P	04 09 51.8	+6.5
P31A	Stockton		55.84	68	P	W35A Tecumseh	60.29	70	P	P	04 09 03.5	-0.4	KSH	Standing Stone	66.59	54	eP	P	04 09 44.1	-1.1
CBKS	Cedar Bluff		56.11	69	P	TX31 Lajitas Ar. Si	60.38	79	eP	P	04 09 04.7	0.0	NB2	NORSAR Subarra	66.77	353	P	P	04 09 44.6	-1.4
CBKS	Cedar Bluff		56.11	69	eP	TXAR Lajitas Array	60.38	79	eP	P	04 09 04.5	-0.2	NB2	NORSAR Subarra	66.77	353	P	P	04 09 44.6	-1.4
CBKS	Cedar Bluff		56.11	69	eP	TUL1 Leonard	60.38	69	P	P	04 09 03.5	-0.9	NOA	NORSAR Array B	66.77	353	P	P	04 09 45.1	-0.9
CBKS	Cedar Bluff		56.11	69	eP	V36A Jenks	60.38	69	P	P	04 09 03.7	-0.8	NC602	NORSAR Array S	67.05	353	eP	P	04 09 48.3	+0.6
I37A	Lemond, Waseca		56.15	60	P	U37A Salina	60.42	68	P	P	04 09 03.2	-1.5	NC602	NORSAR Array S	67.05	353	eP	P	04 09 49.5	-0.8
R30A	Dighton		56.16	70	P	T38A Diamond	60.45	67	P	P	04 09 03.0	-1.9	OBN	Obrnsnik	68.54	337	iP	P	04 09 56.5	-0.6
P32A	Huiting Farm,		56.22	67	P	ABTX Abilene, Hawle	60.45	74	P	P	04 09 05.2	-0.5	OBN	Obrnsnik	68.54	337	iP	P	04 09 56.5	-0.6
O33A	Hebron		56.49	66	P	ABTX Abilene, Hawle	60.45	74	eP	P	04 09 05.4	+0.4	OBN	Obrnsnik	68.54	337	iP	P	04 09 56.5	-0.6
K36A	Gilmore City		56.50	62	P	Z33A Whitaker Ranch	60.50	73	P	P	04 09 04.7	-0.6	OBN	Obrnsnik	68.54	337	iP	P	04 09 56.5	-0.6
N34A	Lincoln		56.58	65	P	SCHO Schefferville	60.60	37	P	P	04 09 05.2	-0.5	OBN	Obrnsnik	68.54	337	iP	P	04 09 56.5	-0.6
R31A	Burdett		56.59	69	P	Y34A Reagan Ranch,	60.62	72	P	P	04 09 06.0	-0.1	OBN	Obrnsnik	68.54	337	iP	P	04 09 56.5	-0.6
M35A	Neola		56.60	64	P	W36A Wernka	60.68	70	P	P	04 09 05.9	-0.6	OBN	Obrnsnik	68.54	337	iP	P	04 09 56.5	-0.6
Q32A	Mettler Ranch,		56.66	68	P	R40A Maddies Statio	60.70	64	P	P	04 09 04.8	-1.8	OBN	Obrnsnik	68.54	337	iP	P	04 09 56.5	-0.6
K37A	Belmont		56.85	62	P	HDIL Hoydale	60.73	61	P	P	04 09 05.8	-0.9	OBN	Obrnsnik	68.54	337	iP	P	04 09 56.5	-0.6
O34A	Beatrice		56.91	66	P	X35A Drake	60.77	71	P	P	04 09 06.4	-0.7	OBN	Obrnsnik	68.54	337	iP	P	04 09 56.5	-0.6
R32A	Long Quarter,		56.97	68	P	V37A Hulbert	60.78	68	P	P	04 09 06.0	-1.1	OBN	Obrnsnik	68.54	337	iP	P	04 09 56.5	-0.6
CD2	Chengdu		57.01	279	P	U38A Gravette	60.82	67	P	P	04 09 05.7	-1.7	OBN	Obrnsnik	68.54	337	iP	P	04 09 56.5	-0.6
CD2	Chengdu		57.01	279	P	133A Hamilton Ranch	60.90	73	P	P	04 09 08.0	-0.1	OBN	Obrnsnik	68.54	337	iP	P	04 09 56.5	-0.6
N35A	Tabor		57.04	64	P	T39A Clever	60.97	66	P	P	04 09 06.2	-2.3	OBN	Obrnsnik	68.54	337	iP	P	04 09 56.5	-0.6
Q33A	Connolly Farm,		57.08	67	P	X36A Centrahoma	61.01	70	P	P	04 09 08.3	-0.4	OBN	Obrnsnik	68.54	337	iP	P	04 09 56.5	-0.6

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like VYHS, WLF, LEOM, GERS, AKH, DRGR, PLOST, GNI, MLR, ARR, BZS, STKA, RAYN, TORDI, DBIC, LCO, BDFB, CPUP, PLCA, PLCA, TRQA, TSMU, MAW, BOSA, etc.

DHMR 19 04:10:17.1±1.3, 12.229N, 44.06E, h3km, 13km, ML3.5, 3C, Western Arabian Peninsula

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like ADEN, UDYN, LBOS, BDHA, etc.

IDC 19 04:34:16.1±4.9, 18.145N, 175.29W, h0km, mb3.9/3, mb1 4.3/3, mb1mx3.7/3, mbmtmp3.9/3, Error ellipse: s-maj=352.3km s-min=32.1km az=152.0, Tonga Islands

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like WRA, ASAR, NVAR, etc.

NEIC 19 04:51:36.0, 35.272N, 92.367W, h6km, MN2.5, After CERL, NEIC Felt [I] at Greenbrier, ISC 19 04:51:35.9±0.9, 35.282N, 0.02-92.38W, 0.02, h5km, 7km, n37, r15147/3, Arkansas

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like WHAR, W40A, X40A, U40A, W39A, W39A, MIAR, MIAR, U39A, HBAR, CCAR, QUAR, Y40A, HBAR, HBAR, X39A, X39A, W38A, W38A, T40A, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like T39A, T39A, Y39A, U38A, U38A, GNAR, X38A, X38A, X38A, PBMO, S40A, S40A, V37A, V37A, V37A, OXF, OXF, GLAT, TUL1, TUL1, SIUC, SIUC, SIUC, V34A, V34A, V34A, U34A, U34A, U34A, LRAL, LRAL, LRAL, KSU1, KSU1, WMOK, WMOK, WMOK, etc.

IDC 19 04:58:12.7±4.5, 9.455S, 122.69E, h629km, 82km, mb2.5/2, mb1 2.6/5, mb1mx2.4/40, mbmtmp3.5/5, Error ellipse: s-maj=157.3km s-min=35.0km az=49.0, Savu Sea

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like FITZ, WRA, ASAR, STKA, MKAR, etc.

GUC 19 05:01:15.3±0.6, 34.855S, 72.44W, h18km, 3km, ML3.5, 3C, Near coast of central Chile

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like CHPI, NICH, ANTU, ANTU, PEL, PEL, PEL, etc.

DJA 19 05:09:25.7±0.6, 3.5S, 12.2E, h10km, M3.7/2, MLV3.7/2, Sulawesi

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like APSI, TTSI, TTSI, LUWI, LUWI, PMSI, MRSI, GTOI, etc.

PGC 19 05:23:21.6±5.2, 50.41N, 130.23W, h10km, ML5n2/8/10, Mw3.5/10, 201km west of Pt. Hardy, Bc Vancouver Island, Canada Region, Vancouver Island region

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like HOLB, HOLB, PHC, PHC, MAYB, FHRB, EDB, TLBC, BBB, WOSB, BNB, NCRB, GDR, SPLB, CBB, etc.

PGC 19 05:33:15.4±4.9, 50.42N, 130.18W, h10km, ML5n2/9/6, Mw3.5/6, 197km west of Pt. Hardy, Bc Vancouver Island, Canada Region, Vancouver Island region

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like HOLB, HOLB, PHC, PHC, MAYB, FHRB, TLBC, TLBC, BBB, WOSB, NCRB, etc.

NIC 19 05:59:23.9±0.4, 35.777N, 32.02E, h3km, ML3.5, Cyprus region

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like ALFC, ALFC, AKMC, AKMC, PPCY, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like MAMC, SZAC, DHMR, ADEN, ADEN, ADEN, LBOS, BDHA, DHBB, etc.

CSEM 19 06:14:29.5±0.1, 47.12N, 1.54E, h5km, ML3.6/31, Error ellipse: s-maj=1.7km s-min=0.5km az=18.0, LDG 19 06:14:31.2±0.0, 47.11N, 1.53E, h4km, M3.6/3, M3.5/44, Error ellipse: s-maj=0.9km s-min=0.8km az=179.0, STR 19 06:14:32.8±0.3, 47.07N, 1.75E, h5km, M3.3, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0, ISC 19 06:14:29.8±1.0, 47.11N, 0.01E, 1.53E, 0.01h, h15km, 9km, n180, r1917/294, France

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like HYF, HYF, HYF, HYF, HYF, HYF, TCF, TCF, TCF, TCF, BGF, BGF, BGF, BGF, etc.

19 06:14:29.8±1.0, 47.11N, 0.01E, 1.53E, 0.01h, h15km, 9km, n180, r1917/294, France

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like MFF, MFF, MFF, MFF, MFF, MFF, AVF, AVF, AVF, AVF, etc.

19 06:14:29.8±1.0, 47.11N, 0.01E, 1.53E, 0.01h, h15km, 9km, n180, r1917/294, France

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like SSS, SSS, SSS, SSS, SSS, SSS, LOR, LOR, LOR, LOR, etc.

19 06:14:29.8±1.0, 47.11N, 0.01E, 1.53E, 0.01h, h15km, 9km, n180, r1917/294, France

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like LOR, LOR, LOR, LOR, LOR, LOR, etc.

19 06:14:29.8±1.0, 47.11N, 0.01E, 1.53E, 0.01h, h15km, 9km, n180, r1917/294, France

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like PLDF, PLDF, PLDF, PLDF, PLDF, PLDF, etc.

19 06:14:29.8±1.0, 47.11N, 0.01E, 1.53E, 0.01h, h15km, 9km, n180, r1917/294, France

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, SNR, and other parameters. Includes stations like LDF, LDF, LDF, LDF, LDF, LDF, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FLN, COLF, CAF, LBL, LFF, SFTF, MEZF, SGMF, VIVF, CABF, PAGF, THEF, QUIF, HAU, LASF, ROSF, LOMF, HINF.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HINF, GIVF, ORIF, MTLF, LPL, ECH, LPF, BBS, CDF, EPF, SMRF, MBDF, SJPF, ETSF, ADEN, ATD, UDYN, LBOS, DHBB, HAUJ, KMBO, WSAR, EIL, MMAI, GNI, GEYT, BRTR, KBZ, KVAR, TORD, BVAR, MKAR, KURBB, ZALV, ZALV, CMAR, SONM.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like URZ, STKA, ASAR, WRA, ILAR, HFS, AKAGS, MMAI, BRTR, PCIG, CCGI, CCGI, IDC, NEIC, GUC, GCMT, NICH, MOS, ISC, CHPI, CHPI, RCDM, ANTU, ANTU, ANTU, ANTU, YECH, YECH, YECH, AAGR, ARCO, ASAL, RTLL, ACAN, LCO, LCO, PLCA, PLCA, TRQA, PB10, PB04, LPA, LPA, LPA, LPA, CPUP, CPUP, CPUP, LPZA, LPZA, LPZA, EFI, EFI, EFI, EFI, SIV, USHA, NNA, NNA, NNA, NNA, SAML, PMNB, PMNB, PMNB, BDFB, BDFB, BDFB.

19d 6h

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like BDFB Brasilia, OTAV Otavalo, PTGA Pitinga, etc.

2011 FEB

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like JCT Junction City, JCT Junction City, JCT Junction City, etc.

920

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like WMOK, U39A Green Forest, HHAR Hobbs, etc.

921						2011 FEB						19d 6h			
P37A	Lathrop	76.07	343	P	P	06 38 18.8	-0.5	K35A	Storm Lake	79.24	343	P	P	06 38 37.6	+0.7
Q34A	Chapman	76.13	340	P	P	06 38 19.7	+0.1	L32A	Elgin	79.29	341	P	P	06 38 38.0	+0.8
R32A	Long Quarter,	76.18	339	P	P	06 38 20.5	+0.6	TSUM	Tsumeb	79.31	106	eP	P	06 38 39.0	+0.9
S29A	Ulysses	76.20	337	P	P	06 38 20.5	+0.4	PV01	Paradox Valley	79.36	332	eP	P	06 38 39.6	+1.6
KSU1	Kansas State U	76.20	341	P	P	06 38 20.5	+0.5	M30A	Dale-Ortello V	79.39	339	P	P	06 38 38.4	+0.6
O39A	Kirksville	76.27	344	P	P	06 38 20.9	+0.6	J37A	Redenius Farm,	79.41	344	P	P	06 38 38.5	+0.7
R31A	Burdett	76.30	338	P	P	06 38 21.0	+0.3	K34A	Le Mars	79.42	342	P	P	06 38 38.1	+0.2
P36A	Good Intent, A	76.31	342	P	P	06 38 20.4	-0.2	MURC	Munro	79.44	323	P	P	06 38 39.1	+0.8
O38A	Galt	76.36	343	P	P	06 38 21.2	+0.3	U15A	North Rim	79.46	328	eP	P	06 38 40.1	+1.5
S28A	Manter	76.43	336	P	P	06 38 21.8	+0.3	OGNE	Ogallala	79.51	337	P	P	06 38 38.8	+0.3
P35A	Duane Minner,	76.44	341	P	P	06 38 21.7	+0.3	M29A	Burnside Ranch	79.55	339	P	P	06 38 38.8	+0.1
Q33A	Connelly Farm,	76.45	340	P	P	06 38 22.1	+0.6	K33A	Hardin	79.58	342	P	P	06 38 39.0	+0.2
R30A	Dighton	76.53	338	P	P	06 38 22.5	+0.5	J36A	Seneca 1, Swea	79.60	344	P	P	06 38 38.9	+0.1
RAR	Rarotonga	76.54	253	LR	LR	07 04 39.1		SCI2	San Clemente I	79.64	322	P	P	06 38 38.2	-1.1
O37A	Wolven Farm, M	76.56	343	P	P	06 38 22.3	+0.3	GMRC	Grenville Mounta	79.65	325	P	P	06 38 38.3	-1.2
Q32A	Mettler Ranch,	76.66	339	P	P	06 38 23.1	+0.5	SMCO	Snowmass	79.65	333	eP	P	06 38 41.5	+1.8
P34A	Walnut Farm, R	76.68	341	P	P	06 38 23.1	+0.3	L31A	Butterfield Fa	79.68	340	P	P	06 38 40.6	+1.3
O36A	Bolkow	76.73	342	P	P	06 38 22.8	-0.2	ISCO	Idaho Springs	79.70	334	P	P	06 38 40.1	+0.2
CBKS	Cedar Bluff	76.85	338	P	P	06 38 23.4	+0.7	ISCO	Idaho Springs	79.70	334	eP	P	06 38 40.1	+0.2
N39A	Derby Farms, D	76.85	344	P	P	06 38 24.5	+0.1	ISCO	Idaho Springs	79.70	334	eP	pmax	06 38 40.1	+0.2
T25A	Trinidad	76.91	334	P	P	06 38 25.2	+0.8	M28A	Bar X Bar Ranc	79.71	338	P	P	06 38 40.6	+1.0
T25A	Trinidad	76.91	334	eP	P	06 38 25.8	+1.5	L30A	Spencer Herefo	79.72	339	P	P	06 38 40.0	+0.3
Q31A	Ellis	76.92	339	P	P	06 38 24.9	+0.8	I38A	Scanlan Farm,	79.84	345	P	P	06 38 39.7	-0.4
N38A	Joes South For	76.94	344	P	P	06 38 23.7	-0.4	J35A	Milford	79.84	343	P	P	06 38 39.9	-0.3
R28A	Tribune	77.08	336	P	P	06 38 24.8	-0.4	K32A	Verdigre	79.89	341	P	P	06 38 40.2	-0.2
O35A	Humboldt	77.11	342	P	P	06 38 25.9	+0.7	J34A	George	79.95	343	P	P	06 38 40.9	+0.1
N37A	Lee Faris, Mou	77.14	343	P	P	06 38 25.4	+0.2	HEC	Hector,Ludlow	80.01	324	P	P	06 38 39.9	-1.5
O30A	Quinter	77.15	338	P	P	06 38 25.9	+0.4	I37A	Leindorf, Waseca	80.04	345	P	P	06 38 41.3	+0.1
O34A	Beatrice	77.24	341	P	P	06 38 26.2	+0.3	L29A	Maesberg Ranch	80.05	339	P	P	06 38 40.9	-0.5
W18A	Petrified Fore	77.25	329	P	P	06 38 26.6	+0.3	K31A	O'Neill	80.07	340	P	P	06 38 41.8	+0.4
P32A	Huiting Farm,	77.25	339	P	P	06 38 26.8	+0.8	FMP	Fort Macarthur	80.09	322	P	P	06 38 40.8	-0.9
Q29A	Oakley	77.31	337	P	P	06 38 26.7	+0.3	BOSA	Boshof	80.16	118	P	P	06 38 42.3	-0.3
N36A	Muff Farm, Cla	77.38	342	P	P	06 38 27.1	+0.5	BOSA	Boshof	80.16	118	eP	LR	07 10 45.9	
O33A	Hebron	77.38	340	P	P	06 38 26.9	+0.2	BOSA	Boshof	80.16	118	eP	LR	07 10 45.9	
P31A	Stockton	77.39	339	P	P	06 38 27.3	+0.6	BOSA	Boshof	80.16	118	eP	pmax	06 38 42.5	-0.1
X16A	Lo Mia Camp, P	77.40	328	eP	P	06 38 29.0	+1.9	BOSA	Boshof	80.16	118	eP	pmax	06 38 42.5	-0.1
M38A	Pleasantville	77.53	344	P	P	06 38 27.3	-0.1	I36A	Fitzsimmons Fa	80.18	344	P	P	06 38 42.0	+0.1
N35A	Tabor	77.59	342	P	P	06 38 27.3	-0.5	BFSC	Mount Baldy Ra	80.19	323	P	P	06 38 40.9	-1.5
Y14A	Wickenburg	77.71	326	eP	P	06 38 29.2	+0.5	J33A	Davis	80.24	342	P	P	06 38 42.0	-0.3
M37A	Trindle Farm,	77.71	343	P	P	06 38 28.7	+0.2	I35A	Creeksview Farm	80.25	343	P	P	06 38 42.1	-0.2
Q28A	Sharon Springs	77.74	337	P	P	06 38 29.2	+0.4	K30A	Basset	80.36	340	P	P	06 38 42.7	-0.3
O32A	Brockman Farm,	77.75	340	P	P	06 38 29.1	+0.3	RRX	Edison Barstow	80.37	324	P	P	06 38 42.3	-0.9
N34A	Lincoln	77.80	341	P	P	06 38 28.8	-0.2	J32A	Parkston	80.52	341	P	P	06 38 43.3	-0.5
GLA	Glamis	77.84	324	P	P	06 38 29.5	0.0	DECC	Green Verdugo	80.54	323	P	P	06 38 43.0	-1.2
SDCO	Great Sand Dun	77.84	334	P	P	06 38 30.2	+0.5	ECSD	EROS Data Cent	80.54	342	P	P	06 38 43.8	-0.1
SDCO	Great Sand Dun	77.84	334	eP	P	06 38 30.5	+0.8	ECSD	EROS Data Cent	80.54	342	eP	P	06 38 43.9	-0.1
M36A	Felix, Anita	77.94	343	P	P	06 38 29.9	+0.1	GSC	Goldstone, Bar	80.62	324	P	P	06 38 43.6	-1.1
P29A	Atwood	77.94	338	P	P	06 38 30.6	+0.7	I34A	Hadley	80.64	343	P	P	06 38 44.1	-0.4
O31A	Woolen Ranch,	77.95	339	P	P	06 38 30.4	+0.5	K29A	Lazy Trails An	80.64	339	P	P	06 38 44.0	-0.5
KSCO	Kaye Shedlock,	77.96	336	P	P	06 38 30.6	+0.5	J31A	Geddes	80.69	341	P	P	06 38 44.8	+0.1
N33A	J Bar K, Exete	77.96	341	P	P	06 38 30.3	+0.4	H36A	Jessenland, He	80.69	344	P	P	06 38 44.7	0.0
IBP	Imperial Bould	78.14	323	P	P	06 38 31.2	0.0	N23A	Red Feather La	80.78	335	P	P	06 38 45.9	+0.3
M35A	Neola	78.18	342	P	P	06 38 31.2	+0.2	N23A	Red Feather La	80.78	335	eP	P	06 38 47.1	+1.5
P28A	Saint Francis	78.18	337	P	P	06 38 31.4	+0.2	BLG	Laguna Peak, P	80.79	322	P	P	06 38 44.4	-1.1
O30A	MW Ranch, Wils	78.20	339	P	P	06 38 31.7	+0.4	SHPR	Sheep Range	80.82	326	eP	P	06 38 47.7	+2.0
SWSC	Sam W. Stewart	78.23	324	P	P	06 38 31.6	+0.1	SHOC	Shoshone, Teco	80.85	325	P	P	06 38 44.7	-1.1
Y12C	Blythe	78.26	325	P	P	06 38 32.3	+0.6	CCUT	Cedar City	80.87	328	eP	P	06 38 48.5	+2.4
WUAZ	Wupatki	78.29	328	P	P	06 38 31.1	-0.9	I33A	Coleman	80.88	342	P	P	06 38 45.4	-0.3
L37A	Phoenix Point,	78.33	344	P	P	06 38 32.9	+1.1	K28A	Ten Mile Ranch	80.91	339	P	P	06 38 46.9	+0.9
S22A	4UR Ranch, Cre	78.34	333	P	P	06 38 32.6	+0.1	J30A	Dallas	80.93	340	P	P	06 38 45.7	-0.4
S22A	4UR Ranch, Cre	78.34	333	eP	P	06 38 33.9	+1.4	O20A	White River Ci	80.96	333	P	P	06 38 45.5	-1.0
O29A	4D Ranch, Culb	78.38	338	P	P	06 38 32.9	+0.6	PHWY	Pilot Hill	80.97	335	eP	P	06 38 47.3	+0.6
M34A	Aspy Farms, Fr	78.44	342	P	P	06 38 33.2	+0.7	SRU	San Rafael Sew	80.98	331	eP	P	06 38 47.6	+1.0
MONP2	Monument Peak	78.49	323	P	P	06 38 33.7	+0.4	SRU	San Rafael Sew	80.98	331	eP	pmax	06 38 47.6	+1.0
L36A	Harm Buss Farm	78.52	343	P	P	06 38 32.9	0.0	SCZ2	Santa Cruz Isl	80.99	322	P	P	06 38 45.7	-0.9
MVCO	Mesa Verde	78.53	331	P	P	06 38 33.8	+0.4	H35A	Sunnyside Ranc	81.02	344	P	P	06 38 46.3	-0.2
MVCO	Mesa Verde	78.53	331	eP	P	06 38 34.5	+1.0	OSI	Osito Audit: C	81.02	323	P	P	06 38 45.9	-0.9
PDMC1	Parker Dam,Lak	78.54	326	P	P	06 38 33.9	+0.7	SPMN	Marine on St.	81.07	345	P	P	06 38 47.5	+0.8
K38A	Parkersburg	78.60	345	P	P	06 38 33.3	0.0	Q16A	Castle Valley	81.08	330	eP	P	06 38 48.7	+1.6
BC3	Big Chuckawall	78.63	324	P	P	06 38 33.6	-0.4	LMQ	La Malbeia	81.22	1	eP	P	06 38 48.1	+0.7
O28A	Krutsinger Ran	78.69	337	P	P	06 38 33.9	-0.1	J29A	Okreek	81.24	340	P	P	06 38 48.4	+0.7
L35A	Bielow Farm, R	78.75	342	P	P	06 38 34.1	-0.1	G36A	St. Michael	81.28	345	P	P	06 38 48.2	+0.4
BGNE	Belgrade	78.78	340	P	P	06 38 34.2	-0.2	P18A	Preston Nutter	81.31	331	eP	P	06 38 50.0	+1.5
Q24A	Divide	78.79	334	P	P	06 38 35.5	+0.5	P17A	Butcher Ranch,	81.38	331	eP	P	06 38 50.5	+1.8
Q24A	Divide	78.79	334	eP	P	06 38 36.0	+1.1	SBC	Santa Barbara	81.38	322	P	P	06 38 48.1	-0.5
L34A	Svensden Farm,	78.82	342	P	P	06 38 34.2	-0.4	TMUT	Trail Mountain	81.42	330	eP	P	06 38 50.5	+1.4
IRM	Iron Mountain	78.89	325	P	P	06 38 34.2	-1.0	G35A	Watkins	81.43	344	P	P	06 38 48.7	+0.1
K37A	Belmond	78.91	344	P	P	06 38 34.4	-0.6	I30A	Oacoma	81.45	340	P	P	06 38 48.9	+0.1
M31A	Lambrecht Ranc	78.95	3												

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like The Paps, Wether Hill Ro, Deep Cove, Mavora Lakes, Scrubby Hill, Milford Sound, Tuapeka, Earnsclough, Wanaka, etc.

ISCJB 19 06:45:45.3 ± 1.1, 26.5N; 0.2:143.7E; 0.2, h10km, mb3.7/6, MS4.3/5, Error ellipse: s-maj=30.8km s-min=13.4km az=33.1

IDC 19 06:45:46.0 ± 1.5, 26.46N; 143.60E, h0km, mb3.7/6, mb1 3.8/6, mb1mx3.5/5.2, mbtmp3.7/6, MS4.2/5, Ms1 4.2/5, ms1mx3.2/4.0, Error ellipse: s-maj=46.3km s-min=24.4km az=54.0

ISC 19 06:45:47.8 ± 1.3, 26.44N; 0.2:143.5E; 0.2, h10km, n11, α097R, mb3.8/6, MS4.5/5, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Chichijima, Songo Array, Warramunga Arr, etc.

NNC 19 06:50:57.8 ± 8.5, 53.97N; 86.96E, h0km, mb3.6, mpv3.3, Error ellipse: s-maj=51.3km s-min=39.4km az=81.0

IDC 19 06:50:58.4 ± 2.3, 54.12N; 86.39E, h0km, mb1 3.4/2, mb1mx3.0/4.5, mbtmp3.4/2, ML3.1/2, 6C-4D, Error ellipse: s-maj=18.7km s-min=11.1km az=61.0, Southwestern Siberia

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

ISCJB 19 07:22:23.1 ± 0.4, 21.84S; 0.03:68.51W; 0.04, h106km, 3km, mb4.5/4, Error ellipse: s-maj=6.8km s-min=4.7km az=154.7

GUC 19 07:22:24.3 ± 0.8, 21.82S; 68.85W, h129km, 9km, ML4.6

BUI 19 07:22:24.1 ± 2.1, 90S; 68.50W, h103km, mb5.4/4

IDC 19 07:22:25.9 ± 0.7, 21.82S; 68.45W, h123km, 4km, mb4.1/1.2, mb1 4.1/1.6, mb1mx4.0/2.4, mbtmp4.4/1.6, Error ellipse: s-maj=17.6km s-min=13.6km az=29.0

NEIC 19 07:22:26.1 ± 0.2, 21.85S; 68.37W, mb4.5/4, MW4.4, Error ellipse: s-maj=7.1km s-min=5.3km az=219.0, Moment Tensor Solution, s6 Moment tensor: Scale 10^15Nm; M1=1.45; M2=0.81; M3=2.25; M4=1.62; M5=0.70; M6=3.66; Best double couple: M4: 50000x10^15 Np1: φ=136.00000°, δ=22.00000°, λ=153.00000°; NP2: φ=20.00000°, δ=80.00000°, λ=70.00000°. Principal axes: T 4.5200, P1g32.0000°, Azm196.0000°, P -4.5200, P1g51.0000°, Azm313.0000°

SCB 19 07:22:30.2 ± 0.8, 21.23S; 69.26W, h89km, M13.7/2 Error ellipse: s-maj=89.1km s-min=16.9km az=99.0

ISC 19 07:22:24.7 ± 0.5, 21.90S; 0.03:68.66W; 0.05, h115km, 4km, n124, α1947/137, mb4.5/4, 11C, Chile-Bolivia border region

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

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like IPOC Station P, Punta Patache, Humberstone, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Torodi Arr, Hailey, McKenzie Canyon, etc.

NNC 19 07:34:49.6 ± 3.0, 44.04N; 82.67E, h0km, mb3.0, mpv2.6, Error ellipse: s-maj=29.6km s-min=12.6km az=123.0

SOME 19 07:34:56.0, 44.28N; 82.42E, h25km

ISC 19 07:34:51.9 ± 1.9, 44.13N; 0.07:82.49E; 0.09, h10km, n12, α190/233, 6C, Northern Xinjiang

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

IDC 19 07:38:06.7 ± 0.8, 31.28N; 142.18E, h0km, mb3.6/1.1, mb1 3.8/1.5, mb1mx3.6/4.7, mbtmp3.6/1.5, ML3.4/3, Error ellipse: s-maj=24.9km s-min=15.8km az=70.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like Hachijo jima, Boso, Chichijima, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like H08S3, H08S2, H08S1, etc.

ISC 19 08:03:08.6:5.0:00N:0.02:78.66E:0.05, h0km, Error ellipse: s-maj=5.1km s-min=3.2km az=177.7.

NNC 19 08:03:08.9:0.5:002N:78.79E, h0km, mb3.3, mpv3.1, Error ellipse: s-maj=6.6km s-min=2.3km az=82.0.

SOME 19 08:03:09.1:49.95N:78.70E, h0km, Error ellipse: s-maj=10.0km s-min=6.0km az=56.0.

ISC 19 08:03:09.3:0.7:49.98N:0.02:78.82E:0.03, h0km, m29, s-maj=15.0km s-min=9.0km az=56.0.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like KUR07, KUR06, KUR14, etc.

ISC 19 07:43:43.2:38.50N:27.59E, h4km, MD2.5, Error ellipse: s-maj=3.3km s-min=2.2km az=12.0.

ISC 19 07:43:44.5:1.1:38.40N:0.03:27.56E:0.02, h5km, m14km, n15, s-maj=15.2km s-min=9.2km az=12.0.

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

Table with columns: PDGK, DGS, DGS, KK31, KK31, KK31. Includes stations like Podgornoye, Degeres, Karatay Array, etc.

TAP 19 08:06:30.6:24.95N:122.00E, h126km, ML3.5, C, Error ellipse: s-maj=8.3km s-min=3.9km az=164.4.

JMA 19 08:06:30.5:0.1:24.96N:122.07E, h123km, 2km, M2.7, Error ellipse: s-maj=8.3km s-min=3.9km az=164.4.

ISC 19 08:06:31.0:2.0:24.91N:0.08:122.11E:0.04, h122km, 12km, n34, s-maj=8.3km s-min=3.9km az=164.4.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like TWB1, TWB1, EGS, etc.

ISC 19 08:03:08.6:5.0:00N:0.02:78.66E:0.05, h0km, Error ellipse: s-maj=5.1km s-min=3.2km az=177.7.

NNC 19 08:03:08.9:0.5:002N:78.79E, h0km, mb3.3, mpv3.1, Error ellipse: s-maj=6.6km s-min=2.3km az=82.0.

SOME 19 08:03:09.1:49.95N:78.70E, h0km, Error ellipse: s-maj=10.0km s-min=6.0km az=56.0.

ISC 19 08:03:09.3:0.7:49.98N:0.02:78.82E:0.03, h0km, m29, s-maj=15.0km s-min=9.0km az=56.0.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Includes stations like TWS1, TWS1, TWS1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like BANOM Banah, GHIR Ghir-Karzin, IBND Bandar-abas, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res. Includes stations like SKHL 19 08:18:27.6:0.1,44'.48N:148'.46E, KUQU Kuujuaua, NATG Natashquan, etc.

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

OTT 19 08:13:31.5:0.9,57'.70N:50'.92W, h18km, ML3.3/4, Labrador Sea, 582km northeast from Aulik, NI, ISC 19 08:13:28.1:1.4, 57'.62N:50'.10W, 0.1', h10km, n11, e261/11, North Atlantic Ocean

Table with columns: Station, Name, Az, El, P, M, R, Time, Res. Includes stations like HVU Hansel Valley, IPM Ipho, SRU San Rafael Swe, etc.

Table with columns: Station, Name, Az, El, P, M, R, Time, Res. Includes stations like OJC Ojcow, BURWF Buccovina Ar, BURAR Buccovina Arry, etc.

Table with columns: Station, Name, Az, El, P, M, R, Time, Res. Includes stations like FIB Fire Island, RND Reindeer, SML Sawmill, etc.

ISCJB 19 09:18.14.1±0.5,20:50S±0.09,178:3W±0.1, h534km, mb3.1/2, Error ellipse: s-maj=18.3km s-min=11.3km

IDC 19 08:55:52.5±2.3, 62:26'N, 151:53'W, h67km±20km, mb3.3/10, m1 3.5/14, mb1mx3.3/59, mbmp3.6/14, Error ellipse: s-maj=19.5km s-min=14.0km az=82.0

ISCJB 19 08:55:2.0±2.2, 62:45'N, 0:02-151:20W±0.05, h96km±3km, mb3.5/10, Error ellipse: s-maj=3.6km s-min=2.9km

NEIC 19 08:55:55.4±2.6, 62:44'N, 151:20'W, h81km, MG3.6(AEIC), After AEIC.

ISC 19 08:55:54.0±0.8, 62:44'N, 0:03-151:24W±0.03, h88km±6km, n91,±0.92/107, mb3.6/10, Central Alaska

Table with columns: Code, Station Name, Az, El, P, M, R, Time, Res. Includes stations like UREWA Urewera, STKA Stephens Creek, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like RTLL, AMOG, LCO, LCO, TRQA, NNA, SDV, ABKAR.

NIED 19 10:27:00.37:00N:140.80E, h107km, Mw3.6 Best double couple: M3.05000e1014 NP1.3e108.00000e, 329.00000e, -51.00000e. NP2.3e245.00000e, 368.00000e, -1.109.00000e.

ISCJB 19 10:27:05.2:0.6, 36:97N:0.04:140:87E:0.07, h100km, mb3.4/5, Error ellipse: s-maj=9.3km s-min=6.1km az=21.6

JMA 19 10:27:07.1:0.1, 37:00N:140:79E, h93km, mb3.1km, M3.6 JMA Feit 1 J1

IDC 19 10:27:08.2:2.4, 36:82N:140:54E, h106km, 20km, mb3.2/5, mb1 3.3/7, mb1mx3.0/5.1, mbtmp3.6/7, Error ellipse: s-maj=27.2km s-min=11.3km az=64.0

ISC 19 10:27:06.4:0.9, 36:97N:0.05:140:84E:0.07, h96km, mb3km, n21, c18/35, mb3.5/5, Near east coast of eastern Honshu

Main station list table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like ONAJ, JFK, JFO, JHT, JMM, JFY, JAG, JKT, JKS, JYS, JOU, JNS, MJAR, MAT, MJAT, HJH, AHJ, ASAJ, USRK, SEY, SONMI, MKAR, KURBS, WRA.

ISCJB 19 10:31:13.7:0.4, 74:41N:0.05:92:11W:0.04, h67km, mb4.4/36, Error ellipse: s-maj=8.2km s-min=4.3km az=39.0

IDC 19 10:31:13.5:3.0, 14:34N:92:07W, h54km, 24km, mb3.9/5, mb1 4.3/9, mb1mx3.8/34, mbtmp4.2/9, ML4.3/3, MS3.2/5, Ms1 3.2/5, ms1mx2.9/34, Error ellipse: s-maj=37.5km s-min=22.8km az=45.0

NEIC 19 10:31:14.2:0.8, 14:33N:92:23W, h53km, 6km, mb4.4/33, MD4.4(MEX), Error ellipse: s-maj=12.8km s-min=5.8km az=21.0

MEX 19 10:31:15.5:0.6, 14:34N:92:37W, h27km, 53km, MD4.4 ISC 19 10:31:15.2:0.5, 14:48N:0.06:92:18W:0.05, h67km, n206, c1946/212, mb4.4/35, Near east coast of Chiapas

Main station list table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like PCIG, HUIG, TGUH, VHO, TEIG, CMIG, JTS, 933A, 835A, 737A, 834A, 833A, 636A, 733A, 635A, 637A, 633A, 535A, 439A, 534A, 533A.

Main station list table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like 339A, 340A, 338A, 434A, DBBC, 433A, JCT, 334A, 237A, TX31, TXAR, TXAR, 234A, 138A, 136A, 237A, 135A, TIGA, 140A, 234A, 238A, 237A, 133A, Z36A, WLAR, NORC, ABTX, ABTX, Z35A, Y39A, Y40A, Y38A, Z34A, Z33A, Y37A, CRUC, Y35A, MIAR, X39A, Y34A, X37A, X38A, Y33A, X35A, X36A, RUC, CHIC, X34A, X33A, W37B, W36A, VILC, MNTX, MNTX, W35A, WMOK, SJAC, W34A, V39A, W33A, V38A, V37A, V36A, W32A, TUL1, V35A, MSTX, MSTX, U40A, SDV, SDV, V33A, U37A, V32A, AMTX, AMTX, PBMO, TKL, T40A, U32A, T35A, T37A, KMSC, 121A, 319A, S40A, S40A, S39A.

Main station list table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like T33A, U30A, BNM, R38A, LPM, T30A, R40A, LAZ, W30I, WCI, R33A, S29A, R32A, TUC, R31A, R30A, Q32A, T25A, P37A, R29A, CBKS, P35A, SJG, R28A, Q29A, O40A, 214A, SDCO, O31A, P28A, X16A, S22A, S22A, MVCO, MVCO, WUAZ, WUAZ, GLA, PDMCI, PV10, O20A, GMRC, Q16A, CCUT, MSU, P17A, TMUT, I25A, MPMC, DUG, H26A, R11A, H25A, PDAR, PDAR, BGU, HVU, E28A, SNOW, LOHW, NV11, NV01, NVAR, NVAR, E25A, C31A, RLMT, B31A, LAO, HLID, HLID, DGMT, WVOR, EGMT, SAML, F10A, TIMB, C09A, EDM, EDM, YKA, YKA, YKA, DLBC, INK, ILAR, ILAR, RND.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SONM Sogino Array, WRA Warrungarra Arr, ASAR Alice Springs, MKAR Makanchi Array, etc.

IDC 19 12:48:27.7, 1.6, 8.19S, 117.03E, h0km, mb3.5/4, mb1 3.9/6, mb1mx3.6/38, mbtmp3.7/6, ML3.7/2, MS3.0/3, MS1 3.0/3, ms1mx2.6/36, Error ellipse: s-maj=53.5km

DJA 19 12:48:44.2, 3.1, 8.54E, 111.95E, h17km, 39km, M4.0/10, mb25.2/2, mb4.0/3, ML4.0/15, MWimB4.6/2

ISC 19 12:48:41.9, 1.1, 8.16S, 0.05, 118.36E, 0.09, h35km, n30, c096/16, mb3.5/3, Sumbawa region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DBNI Kabupaten Domp, TWSI Taliwang, WSI Wangapu, etc.

DJA 19 12:48:05.2, 5.1, 8.57E, 110.6E, h35km, 25km, M3.7/6, ML3.7/6, Jawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SKJJI Sukabumi, CGJI Cibinong, CNJI Cibinong, etc.

ISK 19 12:56:55.6, 36.48N, 29.00E, h7km, MD2.8

ISCB 19 12:56:57.0, 7.36, 48N, 0.05, 29.12E, 0.06, h25km, 6km, Error ellipse: s-maj=10.1km, s-min=6.4km, az=38.2

CSEM 19 12:56:57.0, 4.0, 36.48N, 29.09E, h19km, 1km, MD2.9, Error ellipse: s-maj=10.3km, s-min=6.3km, az=22.0

ISC 19 12:56:56.3, 1.26, 34AN, 0.05, 29.03E, 0.03, h15km, 10km, n19, c073/32, Turkey

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

CSEM 19 12:57:26.0, 0.1, 40.32N, 29.13E, h15km, MD2.3, Error ellipse: s-maj=4.2km, s-min=2.1km, az=6.0

ISK 19 12:57:25.7, 40.32N, 29.12E, h14km, MD2.3, ML2.1, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GEMT Gemlik, MDNY Mudanya-Bursa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MDNY Iznik, IZI Iznik, ARMT Armutlu, etc.

NIED 19 13:04:00.33, 50N, 135.50E, h20km, Mw3.9 Best double couple: M7-14000, 1014 NP1=177.00000, 842.00000, lambda=59.00000, NP2=318.00000, delta55.00000, lambda=115.00000

IDC 19 13:04:52.2, 0.8, 33.39N, 135.47E, h0km, mb3.8/10, mb1 3.8/14, mb1mx3.6/62, mbtmp3.7/14, ML3.6/4, MS3.0/3, MS1 3.0/3, ms1mx2.6/44, Error ellipse: s-maj=17.3km, s-min=15.8km, az=106.0

ISC 19 13:04:55.4, 0.6, 33.43N, 0.05, 135.49E, 0.04, h37km, 6km, mb3.7/10, Error ellipse: s-maj=7.8km, s-min=5.6km

JMA Felt III J1

ISC 19 13:04:56.4, 1.0, 33.47N, 0.05, 135.45E, 0.04, h29km, 6km, n30, c084/33, mb3.8/10, 7C-1D, Northern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JWZ Kozaga, JWM Minabe, JWW Koyua, etc.

ISC 19 13:52:09.2, 0.5, 17.62S, 168.18E, h0km, mb4.4/18, mb1 4.6/20, mb1mx4.4/35, mbtmp4.4/20, ML4.4/2, MS3.8/14, MS1 3.9/14, ms1mx3.6/31, Error ellipse: s-maj=18.5km, s-min=14.7km, az=100.0

NEIC 19 13:52:09.2, 0.4, 17.62S, 168.13E, h10km, mb4.5/4, Error ellipse: s-maj=13.1km, s-min=10.2km, az=82.0

ISC 19 13:52:10.6, 0.4, 17.75S, 0.05, 168.02E, 0.09, h27km, mb4.4/19, MS3.9/10, Error ellipse: s-maj=13.0km, s-min=7.8km, az=6.2

ISC 19 13:52:11.9, 0.5, 17.70S, 0.07, 168.0E, 0.1, h27km, n56, c1917/51, mb4.5/16, MS3.8/10, 8C, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ADEN Aden, DZM Mont Dzumac, DZM Honiara, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DJR Jarkent, KTMS Kettle, KAPS Kapalarasan, etc.

DHMR 19 13:27:20.2, 0.8, 12.06N, 44.37E, h22km, 115km, ML3.7, IC, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ADEN Aden, LBOS Saty, DHBH Dhamar BB, etc.

IDC 19 13:52:07.9, 0.5, 17.61S, 168.18E, h0km, mb4.4/18, mb1 4.6/20, mb1mx4.4/35, mbtmp4.4/20, ML4.4/2, MS3.8/14, MS1 3.9/14, ms1mx3.6/31, Error ellipse: s-maj=18.5km, s-min=14.7km, az=100.0

NEIC 19 13:52:09.2, 0.4, 17.62S, 168.13E, h10km, mb4.5/4, Error ellipse: s-maj=13.1km, s-min=10.2km, az=82.0

ISC 19 13:52:10.6, 0.4, 17.75S, 0.05, 168.02E, 0.09, h27km, mb4.4/19, MS3.9/10, Error ellipse: s-maj=13.0km, s-min=7.8km, az=6.2

ISC 19 13:52:11.9, 0.5, 17.70S, 0.07, 168.0E, 0.1, h27km, n56, c1917/51, mb4.5/16, MS3.8/10, 8C, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, DZM Honiara, HNR Honiara, etc.

Table with columns: ID, Name, Time, SNR, and other metrics. Includes entries like V39A Pettigrew, V38A Canehill, CPCT Cooper, etc.

Table with columns: ID, Name, Time, SNR, and other metrics. Includes entries like T25A Trinidad, T25A Trinidad, R28A Tribune, etc.

Table with columns: ID, Name, Time, SNR, and other metrics. Includes entries like BGU Big Grassy Mtn, D35A Remer, D36A Goodland, etc.

Table with columns: Station Name, Time, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and other parameters. Includes stations like ERM, KSRS, KS15, KSAR, KS01, ASAJ, etc.

Table with columns: Station Name, Time, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and other parameters. Includes stations like PYUN, TKM2, TKM2, TKM2, KDKAK, etc.

Table with columns: Station Name, Time, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and other parameters. Includes stations like AKASG, AKASG, KIEV, AK11, NB2, NOA, etc.

ISCJB 19 15:46:47.8 ± 0.7, 301.10S; 0:05:178.5W ± 0.1, h100km, mb3.6/3, Error ellipse: s-maj=16.3km s-min=6.4km az=17.3

IDC 19 15:46:48.3 ± 1.5, 300:00S; 178:23W, h116km, 14km, mb3.3/3, mb1 3.5/4, mb1mx3.3/31, mbtmp3.8/4, Error ellipse: s-maj=51.9km s-min=20.4km az=107.0

ISC 19 15:46:48.6 ± 1.0, 300:03S; 08:178.3W ± 0.2, h100km, n17, c258/18, mb3.6/3, Kermadec Islands

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and other parameters. Includes stations like RAO, WMGZ, HAZ, etc.

ISCJB 19 15:48:57.0 ± 0.4, 13:32N; 0:05:91:04W ± 0.03, h29km, mb4.4/4, MS3.8/8, Error ellipse: s-maj=7.1km s-min=3.3km az=21.0

NEIC 19 15:49:00.9 ± 1.4, 13:38N; 90:93W, h42km, 11km, mb4.5/35, MD4.4 (MEX), Error ellipse: s-maj=18.0km s-min=9.7km az=216.0

MEX 19 15:49:01.4 ± 0.3, 13:24N; 91:61W, h5km, MD4.4

CASC 19 15:49:03.5 ± 1.0, 13:37N; 90:67W, h16km, 6km, ML3.5, mb4.5 (NEIC)

IDC 19 15:49:04.3 ± 3.1, 13:63N; 90:59W, h64km, 27km, mb3.9/13, mb1 4.1/16, mb1mx3.9/38, mbtmp4.2/16, ML3.8/3, MS3.7/9, Ms1 3.7/9, ms1mx3.3/35, Error ellipse: s-maj=35.0km s-min=13.3km az=44.0

ISC 19 15:48:59.1 ± 0.6, 13:37N; 0:07:90:99W ± 0.05, h29km, n154, c1536/155, mb4.5/4, MS3.8/8, 1C-1D, Near coast of Guatemala

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and other parameters. Includes stations like CUS1, RTR, SBL, etc.

19d 16h

Table of station data for 19d 16h, including columns for station name, coordinates, and various parameters like SNR and elevation.

2011 FEB

Main table of station data for 2011 FEB, listing stations like I38A, MTPU, G16A, etc., with their respective coordinates and parameters.

938

Table of station data for 938, including stations like SCPH, SCPH, MSLP, etc., with their coordinates and parameters.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SEY Meychan, MA2 Magadan, ILAR Eielson Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MAN 19 17:03:21, BCPH Baguio City Da, BOLP Bolinao, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, PMG Port Moresby, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DZM Mont Dzumac, CTA Charters Tower, STKA Stephens Creek, etc.

ISCJB 19 17:25:34.0, 0.6, 21.29S, 0.04, 66.9W, 0.1, h124km, gkm, mb3.9/2, Error ellipse: s-maj=16.6km s-min=6.5km az=177.3

GUC 19 17:25:35.0, 0.3, 21.30S, 69.03W, h120km, 1km, ML4.0

ISC 19 17:25:36.8, 0.1, 21.23S, 68.55W, h113km, 28km, mb3.8/3, mb1 3.7/6, mb1mx3.4/29, mbtmp4.0/6, Error ellipse: s-maj=42.8km s-min=25.3km az=106.0

ISC 19 17:25:35.0, 0.8, 21.30S, 69.0W, 0.1, h120km, 8km, n16, 0.48/25, 1C, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PB01 IPOC Station P, PB09 IPOC Station P, PB07 IPOC Station P, etc.

ECXJ 19 17:36:06.0, 0.4, 32.23N, 115.28W, h6km, MD2.6, ML2.8

MEX 19 17:36:06.0, 0.3, 32.58N, 115.24W, h10km, MD3.5

ISC 19 17:36:04.1, 0.1, 32.18N, 104.115W, 36W, 0.04, h1km, 21km, n7, 0.69/13, 1C-2D, California-Baja California border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CPBX Cerro Prieto, CPBX comp-E, 5.5um, 0.2s, CPBX comp-N, 5.5um, 0.5s, etc.

ISCJB 19 18:03:11.4, 0.6, 30.1S, 0.1, 60.8E, 0.1, h10km, mb4.2/10, MS3.5/5, Error ellipse: s-maj=18.0km s-min=12.6km az=32.9

ISC 19 18:03:12.4, 0.1, 30.01S, 60.97E, h0km, mb3.9/8, mb1 4.0/9, mb1mx3.7/66, mbtmp3.9/9, ML3.7/1, MS3.5/6, MS1 3.5/6, ms1mx3.2/32, Error ellipse: s-maj=31.4km s-min=25.0km az=61.0

NEIC 19 18:03:13.0, 0.5, 30.07S, 60.81E, h10km, mb4.9/2, Error ellipse: s-maj=17.1km s-min=12.6km az=213.0

ISC 19 18:03:13.0, 0.1, 30.1S, 0.1, 60.8E, 0.1, h10km, n23, 0.19/4, 1/10, MS3.5/5, Southwest Indian Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ABPO Ambohimpanom, OPO Andriatomo, OPO 0.3nm, 0.3s, baz=100, slow=17, SNR=2.5, etc.

ISCJB 19 18:27:00.0, 0.5, 39.79N, 0.03, 27.44E, 0.03, h1km, gkm, Error ellipse: s-maj=5.5km s-min=4.3km az=162.2

DDA 19 18:27:19.8, 39.86N, 27.49E, h5km, MD2.6

ISK 19 18:27:19.8, 39.78N, 27.45E, h6km, MD2.6

CSEM 19 18:27:20.0, 0.1, 39.80N, 27.46E, h5km, MD2.6, Error ellipse: s-maj=3.6km s-min=2.9km az=148.0

ISC 19 18:27:20.1, 0.9, 39.79N, 0.02, 27.46E, 0.02, h10km, 7km, n39, 0.42/51, Turkey

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

CTKS Kestanelik-??a 1.65 29 ePn Pb 18 27 50.5 -0.1

ISK 19 18:39:11.7, 39.79N, 27.39E, h5km, MD2.7

CSEM 19 18:39:12.7, 0.2, 39.81N, 27.41E, h2km, MD2.6, Error ellipse: s-maj=4.5km s-min=3.8km az=157.0

DDA 19 18:39:13.0, 39.82N, 27.49E, h1km, MD2.6

ISC 19 18:39:12.7, 1.1, 39.78N, 0.02, 27.42E, 0.02, h2km, 10km, n37, 0.64/51, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BALLY Balya, BALLY Balya, GONE Gonon-Balikesi, etc.

ISCJB 19 18:41:01.7, 1.0, 13.7N, 0.2, 90.5W, 0.2, h35km, mb3.9/6, MS3.8/4, Error ellipse: s-maj=34.0km s-min=5.6km az=39.4

MEX 19 18:41:02.9, 0.4, 13.25N, 91.45W, h20km, MD4.2

ISC 19 18:41:05.2, 1.9, 13.95N, 90.34W, h44km, mb3.7/6, mb1 3.9/10, mb1mx3.6/37, mbtmp3.8/10, ML3.6/4, MS3.6/5, MS1 3.6/5, ms1mx3.1/38, Error ellipse: s-maj=68.2km s-min=12.0km az=36.0

ISC 19 18:41:04.0, 0.1, 13.3N, 0.2, 90.4W, 0.2, h35km, n18, 0.12/10, mb4.0/6, MS3.8/4, Near coast of Guatemala

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

DDA 19 18:50:48.0, 38.90N, 27.21E, h18km, Md3.6

ATH 19 18:50:48.2, 38.83N, 27.17E, h30km, 2km, ML3.2/7, Error ellipse: s-maj=3.1km s-min=1.2km az=64.0, Analyst: KOLLIGRI ML Amplitudes are expressed in micrometres

ISK 19 18:50:48.3, 38.83N, 27.16E, h5km, ML3.3

CSEM 19 18:50:49.2, 0.1, 38.82N, 27.16E, h10km, ML3.3, Error ellipse: s-maj=3.1km s-min=2.7km az=49.0

THE 19 18:50:50.8, 38.81N, 27.09E, h20km, 3km, ML3.5/5, Error ellipse: s-maj=3.7km s-min=1.1km az=262.0

ISC 19 18:50:48.6, 0.9, 38.86N, 0.01, 27.18E, 0.01, h17km, 7km, n149, 0.19/4, 1/2, 3C, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DKL Dikili, DKL Dikili, AKHS Akhisar, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other technical details for various stations like KSRS, SEY, SONM, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other technical details for stations like DOPR, PLOJESTI, GIUM, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other technical details for stations like BMR, DRGR, DRRG, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other technical details for stations like BMR, DRGR, DRRG, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Res for station MAN 19:34:21.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Res for stations like MILEM, MILEM, MILEM, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Res for stations like UZH, UZH, UZH, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Res for stations like UZH, UZH, UZH, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Res for station MAN 19:38:02.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Res for stations like KIS, KIS, KIS, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Res for stations like CTVL, CTVL, CTVL, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Res for stations like CTVL, CTVL, CTVL, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Res for station ISCJB 19:20:00.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Res for stations like SIGU, SIGU, SIGU, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Res for stations like BUC, BUC, BUC, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Res for stations like BUC, BUC, BUC, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Res for station SOF 19:20:00.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Res for stations like LOT, LOT, LOT, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Res for stations like EFOR, EFOR, EFOR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Res for stations like EFOR, EFOR, EFOR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Res for station BEO 19:20:00.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Res for stations like ZIMR, ZIMR, ZIMR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Res for stations like MANR, MANR, MANR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Res for stations like MANR, MANR, MANR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Res for station VRI 19:20:00.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Res for stations like CHRU, CHRU, CHRU, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Res for stations like SORM, SORM, SORM, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Res for stations like SORM, SORM, SORM, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Res for station ISR 19:20:00.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Res for stations like GZR, GZR, GZR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Res for stations like RAKU, RAKU, RAKU, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Res for stations like RAKU, RAKU, RAKU, etc.

19d 20h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Lists various stations like KNT Kendrikon, ARMT Armutlu, ALU Alushta, etc.

2011 FEB

Main table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Contains data for stations like AAK Ala-Archa, TKM2 Tokmak, KYUN Kuldanda, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC. Lists stations like TWA Mucha, TAP1 Taipei, PCYT Pengchayiu, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like NU2, JNU, KSRK, etc.

ISCJB 19 20:57:44.1±0.2, 241°18'N, 122°52'E, 0.03, h24km, 6km, Error ellipse: s-maj=9.6km s-min=3.6km az=121.1

TAP 19 20:57:44.3, 241°76'N, 122°43'E, h7km, 2km, ML2.6, JMA 19 20:57:45.1±0.2, 241°69'N, 122°50'E, h35km, 3km, M2.1

ISC 19 20:57:44.2±1.2, 240°80'N, 122°50'E, 0.03, h24km, 13km, n14, e0534/26, Taiwan region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like TWB1, JWNG, YJNG, etc.

ISC 19 21:00:11.4±3.8, 247°65'N, 113°69'W, h0km, mb3.4/3, mb1.3/8, mb1mx3.6/22, mbtmp3.4/3, MS3.9/7, Ms1.3.9/7, ms1mx3.8/9, Error ellipse: s-maj=400.7km s-min=70.2km az=99.0, Easter Island region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like RKT, TBI, PPT2, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like AFI, NVAR, VVND, etc.

TRN 19 21:09:37.1, 11°93'N, 59°81'W, h103km, MD3.5, ISCJB 19 21:09:38.1±0.7, 11°97'N, 0°03:59.83W, h104km, 8km, Error ellipse: s-maj=9.6km s-min=4.3km az=21.7

FUNV 19 21:09:41.7, 11°77'N, 59°72'W, h96km, MW3.2, ISC 19 21:09:38.5±1.8, 11°96'N, 0°04:59.79W, h0.08, h98km, 15km, n26, e112/39, 1C-2D, North Atlantic Ocean

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like TOSP, BBSP, BGGH, etc.

IDC 19 21:06:06.8, 13°83'N, 145°18'E, h109km, 8km, mb3.1/5, mb1.3/5, mb1mx3.1/42, mbtmp3.5/5, MS3.3/1, Ms1.3.3/1, ms1mx2.7/14, Error ellipse: s-maj=39.6km s-min=26.3km az=110.0, Mariana Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like GUMO, H1S3, H1S1, etc.

GUC 19 21:36:46.4±0.4, 34°79'S, 72°69'W, h34km, 1km, ML3.6, ISC 19 21:36:44.7±2.1, 34°87'S, 0°05:72.7W, 0.1, h7km, 13km, n13, e1871/20, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like CHPI, NICH, COCH, etc.

IDC 19 21:44:32.5±1.0, 56°21'N, 114°19'E, h0km, mb3.5/10, mb1.3/7/13, mb1mx3.5/55, mbtmp3.5/13, ML3.2/3, MS3.5/6, Ms1.3.5/6, ms1mx3.0/43, Error ellipse: s-maj=26.3km

s-min=16.0km az=145.0, MOS 19 21:44:33.3±1.3, 56°14'N, 114°20'E, h15km, mb4.1/3, Error ellipse: s-maj=9.6km s-min=6.4km az=75.2, BYKL 19 21:44:35.1±0.2, 56°22'N, 114°10'E, h20km, 3km, ISC 19 21:44:34.7±1.1, 56°18'N, 0°03:11.41E, h0.02, h12km, 7km, n82, e145/93, mb3.6/10, MS3.8/5, 8C-8D, East of Lake

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SVKR, UKT, NLYR, etc.

19d 22h

Table with columns for station name, frequency, and various signal quality metrics (e.g., SNR, Smax, Smin). Includes stations like Tupik, Chita, Yuktali, Ongureny, Zarechye, Tyrgan, Tynda, Khapcheranga, Listvyanka, Irkutsk, Arshan, Zakamensk, and Mondy.

2011 FEB

Table with columns for station name, frequency, and various signal quality metrics. Includes stations like MOY, Yakutsk, Mondy, Orlik, Ulanbaatar, Songoing Arr, Ussuriysk Arr, Tiksi, Zalesovo Beam, Noril'sk, Uglgorok, Magadan, Seymchan, SEY, KRSR, KURK, MKAR, KURBS, BVAR, BRVK, JNU, ARU, FINES, ILAR, INK, YKA, ULM, ESCD, WRA, TXAR, and MAN.

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Table with columns for station name, frequency, and various signal quality metrics. Includes stations like SHL, ODAN, RAMN, TAPN, PKIN, DMN, GUN, KKN, KOLDANA, LSA, PYUN, H08S3, H08S2, H08S1, DAV, NACB, MKAR, SONM, ULAN, H01W3, H01W2, H01W1, GEYT, WRA, WRAB, ZALV, ASAR, MJAR, MJAR, ABKAR, AKASG, TIXI, GERES, ISCJB, NEIC, GUC, IDC, SCB, and IBC.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GIRON, Santand, Betulia, Santa, Barichara, etc.

ISCJB 19 22:44:27.0.5, 24.55N, 0103.122.46E, 0102, h86km, 5km, Error ellipse: s-maj=5.6km s-min=2.6km az=172.1

TAP 19 22:44:27.4, 24.59N, 122.43E, h95km, ML3.4, C JMA 19 22:44:27.2, 0.1, 24.54N, 122.41E, h91km, 2km, M2.2

ISC 19 22:44:28.2, 1.4, 24.54N, 0104.122.46E, 0102, h85km, 9km, n48, c075/86, 2D, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YJNG, YONAGUNIJIMAKU, YONAGUNI JIMA, SUAO, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CHKT, Chengkung, ALS, Alishan, etc.

IDC 19 23:12:14.3, 3.5, 1.96S, 126.62E, h0km, mb4.2/2, mb1 4.4/4, mb1mx3.7/42, mbtmp4.2/4, ML4.4/2, Error ellipse: s-maj=100.4km s-min=34.5km az=66.0,

Southern Molucca Sea

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

IDC 19 23:12:38.8, 2.1, 6.51S, 129.84E, h0km, mb3.4/1, mb1 3.4/3, mb1mx3.4/38, mbtmp3.4/4, ML3.2/3, Error ellipse: s-maj=84.2km s-min=27.8km az=77.0, Banda Sea

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

NIED 19 23:17:00.37, 20N, 141.40E, h50km, Mw4.0 Best double couple: M1, 14000, 1015 NP1, 191.00000, 87.00000, 1.76.00000, NP2, 25.00000, 873.00000, 1.94.00000,

ISCJB 19 23:17:32.8, 0.7, 37.13N, 103.141.43E, 0107, h46km, 5km, mb3.9/22, Error ellipse: s-maj=9.4km s-min=5.0km az=15.8

IDC 19 23:17:34.9, 1.4, 37.13N, 141.32E, h48km, 14km, mb3.7/22, mb1 3.4/28, mb1mx3.8/56, mbtmp4.0/28, ML3.4/5, MS3.0/3, Ms1 3.0/3, ms1mx2.7/45, Error ellipse: s-maj=15.5km s-min=10.0km az=99.0

JMA 19 23:17:34.5, 0.1, 37.16N, 141.33E, h48km, 1km, M3.8 Broadband fault plane solution: P waves: NP1: 17.00000, 872.00000, 1.89.00000, NP2: 26.00000, 858.00000, 1.93.00000, Principal axes: T P1: 63.00000, Azm: 286.00000, N P1: 1.00000, Azm: 18.00000, P P1: 27.00000, Azm: 108.00000,

JMA Felt II J1. ISC 19 23:17:33.9, 0.8, 37.14N, 104.142E, 0107, h40km, 8km, n53, c096/55, mb3.9/22, 6D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JFJK, Kawauchi, ONAJ, Iwakimizuishiy, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H11N2, WAKE ISLAND HY, H11N1, WAKE ISLAND HY, etc.

IDC 19 23:27:09.0, 5.9, 5.54S, 154.10E, h0km, mb3.2/3, mb1 3.4/3, mb1mx3.2/24, mbtmp3.2/3, Error ellipse: s-maj=179.9km s-min=40.3km az=110.0, Bougainville-Solomon Islands region

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

IDC 19 23:48:41.4, 5.5, 20.09S, 178.27W, h555km, 58km, mb3.1/7, mb1 3.5/7, mb1mx3.2/41, mbtmp4.0/7, Error ellipse: s-maj=98.5km s-min=21.3km az=154.0, 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, etc.

IDC 19 23:51:38.0, 2.1, 6.19S, 129.84E, h0km, mb3.4/1, mb1 3.8/4, mb1mx3.4/29, mbtmp3.6/4, ML3.3/3, Error ellipse: s-maj=96.3km s-min=16.6km az=74.0, Banda Sea

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

IDC 19 23:56:58.3, 1.9, 16.17S, 69.24W, h198km, 6km, mb3.1/6, mb1 3.3/8, mb1mx3.2/28, mbtmp3.7/8, Error ellipse: s-maj=83.3km s-min=16.8km az=18.0

ISC 19 23:56:57.6, 1.6, 16.3S, 014.693W, 02, h200km, n11, c0811/12, mb3.1/5, Peru-Bolivia border region

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

Table with columns: DBIC, Dimbokro, 67.70 76 P, P, 00 07 34.2 +0.3, etc.

ISK 19 23:58:23.1, 34.66N, 32.42E, h14km, MD3.2, IS/CJB 19 23:58:24.5, 1.1, 34.67N, 0.06, 32.45E, 0.07, h20km, 7km, Error ellipse: s-maj=9.9km s-min=3.0km az=41.6

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

GUC 19 23:58:49.8-0.5, 34.72S, 71.77W, h43km, 5km, ML3.2, Near coast of central Chile

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

IDC 20 00:02:55.0-1.8, 5.61N, 93.02E, h0km, mb3.6/4, mb1 3.8/6, mb1mx3.5/39, mbtmp3.6/6, ML3.6/2, Error ellipse: s-maj=45.2km s-min=28.7km az=52.0, Off west coast of north Sumatra

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

ISCJB 20 00:10:44.3, 1.6, 34.63S, 0.04, 72.73W, 0.08, h15km, 11km, mb4.0/13, Error ellipse: s-maj=11.0km s-min=6.2km

NEIC 20 00:10:45.0, 0.7, 34.61S, 72.61W, h30km, mb4.0/9, ML4.5(GUC), After GUC. GUC 20 00:10:45.0, 0.7, 34.61S, 72.61W, h30km, 5km, ML4.5, IDC 20 00:10:48.8, 5.0, 34.70S, 72.57W, h36km, 39km, mb3.8/4, mb1 3.9/7, mb1mx3.6/36, mbtmp4.0/7, ML4.0/3, MS3.1/1, Ms1 3.1/1, ms1mx2.7/23, Error ellipse: s-maj=38.8km s-min=26.4km az=95.0

ISC 20 00:10:46.0, 6.3, 34.68S, 0.04, 72.56W, 0.08, h21km, 4km, n36, 130/43, mb4.0/13, Near coast of central Chile

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

Main table with columns: NICH, Antumapu, 1.94 56 i P, Pn, 00 11 18.4 0.0, etc.

KRNET 20 00:14:11.7, 0.1, 39.46N, 72.27E, mb2.4, IS/CJB 20 00:14:13.3, 1.5, 39.36N, 0.08, 72.29E, 0.08, h10km, Error ellipse: s-maj=12.7km s-min=7.1km az=153.8

NNC 20 00:14:14.1, 0.9, 39.32N, 72.19E, h0km, mb3.2, mpv2.8, Error ellipse: s-maj=9.4km s-min=4.3km az=135.0

ISC 20 00:14:09.0, 2.2, 39.3N, 0.1, 72.38E, 0.07, h10km, n7, 1558/12, 9C-6D, Kyrgyzstan

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

GUC 20 00:15:45.0, 5.35, 06S, 72.17W, h22km, 3km, ML3.5, IC-1D, Near coast of central Chile

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

IDC 20 00:22:39.0, 1.1, 0.23, 90N, 122.58E, h0km, mb3.7/4, mb1 3.7/4, mb1mx3.3/58, mbtmp3.7/4, Error ellipse: s-maj=254.0km s-min=102.0km az=104.0

ISCJB 20 00:22:45.1, 0.6, 23.97N, 0.02, 122.35E, 0.01, h9km, 4km, mb3.5/4, Error ellipse: s-maj=2.9km s-min=2.1km az=160.6

TAP 20 00:22:45.3, 24.02N, 122.31E, h9km, 1km, ML3.5, D, JMA 20 00:22:45.2, 0.1, 23.93N, 122.32E, h16km, 2km, M3.4, ISC 20 00:22:44.6, 1.0, 23.95N, 0.02, 122.33E, 0.02, h16km, 8km, n57, 105/90, mb3.6/4, 1C, Taiwan region

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

Main table with columns: TWC, baz=324, eS, Sg, 00 23 09.8 -0.8, etc.

Table of station data for the 20d 3h period, including station names, coordinates, and various parameters like elevation and frequency.

Main table of station data for the 2011 FEB period, listing stations such as GAOTAI, SONM, ULN, CMAR, HHC, etc., with their respective coordinates and parameters.

Table of station data for the 2011 FEB period, listing stations such as UMJS, PRNI, ZFRI, KZIOT, etc., with their respective coordinates and parameters.

Table with 5 columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IKRK, RTB, etc.

MEX 05:48:16.5,0.6, 14:36N,92:32W, h121km, 2.8km, MD4.2, Near coast of Chiapas

Table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PCIG, CCIQ, etc.

CRAAG 20 05:54:12.0, 36:70N, 5:23E, M3.8

ISCJB 20 05:54:13.9, 0.3, 36:93N, 0:03, 5:22E, 0:03, h13km, Error ellipse: s-maj=4.2km s-min=3.1km az=43.9

LDG 20 05:54:13.4, 0.2, 36:81N, 5:20E, h10km, M3.3/22, Error ellipse: s-maj=5.0km s-min=4.6km az=15.0

CSEM 20 05:54:14.2, 0.2, 36:72N, 5:28E, h10km, ML3.8, Error ellipse: s-maj=6.0km s-min=4.6km az=34.0

MDD 20 05:54:14.5, 0.3, 36:68N, 5:21E, h0km, m0.4, 1/23, Error ellipse: s-maj=6.1km s-min=3.4km az=37.0, PRXIMO

SFS 20 05:54:16.0, 0.6, 36:83N, 5:21E, h0km, ML4.3

ISC 20 05:54:13.9, 0.6, 36:82N, 0:04, 5:29E, 0:02, h13km, n154, c178/164, 2D, Northern Algeria

Main station list table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DFRA, ABMS, SET, etc.

Main station list table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ENIJ, CLLI, PGF, CSOR, LMR, etc.

Main station list table with 5 columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CAF, ECAB, ECAB, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ARAO, ARCES, AREO, ARO, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CHPI, RCDM, ANTU, ROCI, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ROC1, ROCI, AUSP, etc.

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

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

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like GOLH Golhisar, FETH Fethiye, TURU Turunc, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SIRR S-rnak, GEVA Gevas, MSL Mosul, etc.

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

IDC 20 08:01:09.0.3.0.6.22S.129.04E.h482km.37km.mb3.1/4, mb1 3.2/7, mb1mx3.0/36, mbtmp4.0/7, Error ellipse: s-maj=65.2km s-min=12.9km az=71.0, Banda Sea

IDC 20 08:04:53.8.2.0.8.33S.110.24E.h0km.mb3.6/3, mb1 4.0/4, mb1mx3.5/47, mbtmp3.8/4, ML3.6/1, Error ellipse: s-maj=187.5km s-min=27.6km az=32.0, Jawa

IDC 20 08:07:48.7.5.0.8.53S.103.79E.h0km.mb3.4/5, mb1 3.6/5, mb1mx3.5/60, mbtmp3.4/5, MS2.9/1, Ms1 2.9/1, ms1mx2.4/26, Error ellipse: s-maj=196.8km s-min=24.6km az=53.0, Southwest of Sumatara

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SVAN Silvan-Diyarba, MARD Mardin, VMUR Van-Muradiye, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WPHZ Waipukurau, WPHZ Waipukurau, PKZ Pawanui, etc.

IDC 20 08:07:48.7.5.0.8.53S.103.79E.h0km.mb3.4/5, mb1 3.6/5, mb1mx3.5/60, mbtmp3.4/5, MS2.9/1, Ms1 2.9/1, ms1mx2.4/26, Error ellipse: s-maj=196.8km s-min=24.6km az=53.0, Southwest of Sumatara

IDC 20 08:23:51.4.9.5.36.56N.70.73E.h191km.62km.mb2.6/1, mb1 3.1/6, mb1mx2.7/58, mbtmp3.7/6, Error ellipse: s-maj=99.3km s-min=79.8km az=120.0, NNC 20 08:23:55.6.2.2.36.90N.70.74E.h175km.23km.mb2.7, mpv3.6, Error ellipse: s-maj=23.7km s-min=14.4km az=147.0

IDC 20 08:23:54.4.2.0.36.8N.0.1.70.66E.0.09.h200km.n12, s=139/18, 7C-2D, Hindu Kush region

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ERZAN Erzincan, KARS Kars, SURC SANLIURFA SURC, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WPHZ Waipukurau, WPHZ Waipukurau, PKZ Pawanui, etc.

IDC 20 08:16:50.6.1.8.10.11S.160.64E.h103km.14km.mb3.3/5, mb1 3.2/7, mb1mx3.4/38, mbtmp3.8/7, MS3.2/1, Ms1 3.2/1, ms1mx2.7/12, Error ellipse: s-maj=33.7km s-min=25.6km az=125.0, Bougainville-Solomon Islands region

IDC 20 08:23:54.4.2.0.36.8N.0.1.70.66E.0.09.h200km.n12, s=139/18, 7C-2D, Hindu Kush region

IDC 20 08:45:06.1.0.7.2.89S.128.44E.h0km.mb4.1/9, mb1 4.3/12, mb1mx4.0/47, mbtmp4.2/12, ML4.4/3, MS3.5/3, Ms1 3.5/3, ms1mx3.0/48, Error ellipse: s-maj=30.8km s-min=16.1km az=64.0, DJA 20 08:45:11.4.0.2.3.3.3.12.8E. h10km.M4.5/6, MB5.2/2, mb4.8/6, MLV4.3/6, Mw(MB)4.6/2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CMAR Chiang Mai Arr, PALK Pallekete, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like DZET Dzerhino, KK31 Karatay Array, AAK Ala-Archa, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MTW Mount Morrison, MTW Mount Morrison, TCW Tory Channel, etc.

IDC 20 08:17:41.4.2.8.20.89S.174.88W.h0km.mb3.8/4, mb1 4.2/5, mb1mx3.8/32, mbtmp3.9/5, ML3.9/1, MS3.5/4, Ms1 3.5/4, ms1mx3.0/32, Error ellipse: s-maj=122.4km s-min=26.1km az=144.0, Tonga Islands

IDC 20 08:23:54.4.2.0.36.8N.0.1.70.66E.0.09.h200km.n12, s=139/18, 7C-2D, Hindu Kush region

IDC 20 08:45:06.1.0.7.2.89S.128.44E.h0km.mb4.1/9, mb1 4.3/12, mb1mx4.0/47, mbtmp4.2/12, ML4.4/3, MS3.5/3, Ms1 3.5/3, ms1mx3.0/48, Error ellipse: s-maj=30.8km s-min=16.1km az=64.0, DJA 20 08:45:11.4.0.2.3.3.3.12.8E. h10km.M4.5/6, MB5.2/2, mb4.8/6, MLV4.3/6, Mw(MB)4.6/2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like HNR Honiara, HNR Honiara, DZM Mont Dzumac, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like DZET Dzerhino, KK31 Karatay Array, AAK Ala-Archa, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MTW Mount Morrison, MTW Mount Morrison, TCW Tory Channel, etc.

IDC 20 08:17:41.4.2.8.20.89S.174.88W.h0km.mb3.8/4, mb1 4.2/5, mb1mx3.8/32, mbtmp3.9/5, ML3.9/1, MS3.5/4, Ms1 3.5/4, ms1mx3.0/32, Error ellipse: s-maj=122.4km s-min=26.1km az=144.0, Tonga Islands

IDC 20 08:23:54.4.2.0.36.8N.0.1.70.66E.0.09.h200km.n12, s=139/18, 7C-2D, Hindu Kush region

IDC 20 08:45:06.1.0.7.2.89S.128.44E.h0km.mb4.1/9, mb1 4.3/12, mb1mx4.0/47, mbtmp4.2/12, ML4.4/3, MS3.5/3, Ms1 3.5/3, ms1mx3.0/48, Error ellipse: s-maj=30.8km s-min=16.1km az=64.0, DJA 20 08:45:11.4.0.2.3.3.3.12.8E. h10km.M4.5/6, MB5.2/2, mb4.8/6, MLV4.3/6, Mw(MB)4.6/2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, NVAR Mina Array Bea, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like DZET Dzerhino, KK31 Karatay Array, AAK Ala-Archa, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MTW Mount Morrison, MTW Mount Morrison, TCW Tory Channel, etc.

IDC 20 08:17:41.4.2.8.20.89S.174.88W.h0km.mb3.8/4, mb1 4.2/5, mb1mx3.8/32, mbtmp3.9/5, ML3.9/1, MS3.5/4, Ms1 3.5/4, ms1mx3.0/32, Error ellipse: s-maj=122.4km s-min=26.1km az=144.0, Tonga Islands

IDC 20 08:23:54.4.2.0.36.8N.0.1.70.66E.0.09.h200km.n12, s=139/18, 7C-2D, Hindu Kush region

IDC 20 08:45:06.1.0.7.2.89S.128.44E.h0km.mb4.1/9, mb1 4.3/12, mb1mx4.0/47, mbtmp4.2/12, ML4.4/3, MS3.5/3, Ms1 3.5/3, ms1mx3.0/48, Error ellipse: s-maj=30.8km s-min=16.1km az=64.0, DJA 20 08:45:11.4.0.2.3.3.3.12.8E. h10km.M4.5/6, MB5.2/2, mb4.8/6, MLV4.3/6, Mw(MB)4.6/2

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like URZ Urewera, URZ Urewera, HAZ Te Kaha, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like AAI Ambon, AAI Ambon, MSAI Masohi, etc.

IDC 20 08:17:41.4.2.8.20.89S.174.88W.h0km.mb3.8/4, mb1 4.2/5, mb1mx3.8/32, mbtmp3.9/5, ML3.9/1, MS3.5/4, Ms1 3.5/4, ms1mx3.0/32, Error ellipse: s-maj=122.4km s-min=26.1km az=144.0, Tonga Islands

IDC 20 08:23:54.4.2.0.36.8N.0.1.70.66E.0.09.h200km.n12, s=139/18, 7C-2D, Hindu Kush region

IDC 20 08:45:06.1.0.7.2.89S.128.44E.h0km.mb4.1/9, mb1 4.3/12, mb1mx4.0/47, mbtmp4.2/12, ML4.4/3, MS3.5/3, Ms1 3.5/3, ms1mx3.0/48, Error ellipse: s-maj=30.8km s-min=16.1km az=64.0, DJA 20 08:45:11.4.0.2.3.3.3.12.8E. h10km.M4.5/6, MB5.2/2, mb4.8/6, MLV4.3/6, Mw(MB)4.6/2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like APSI Amparna, SGSI Sangihe, MRSI Marisa, BKSJ Bulukumba, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WARRANGUNGA ARR, ASAR Alice Springs, CTA Charters Tower, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CESX Cesi, NRCA Norcia, LNSS Leonessa, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PMG Port Moresby, WRAB Tennant Creek, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PSZ Piszkesteto, PKSG Piskeg, PKSG Piskeg, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like R15V Alice Springs, MMIG Aquila, EZSV Zilg, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FSA Cafayete, FSA Cafayete, AHML Horco Molle, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AZAP Zapla, AZAP Zapla, AZAP Santa Barbara, etc.

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

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

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

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

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

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

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

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

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

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

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

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

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

20d 9h

Table with columns: ZEI, comp, value, unit, status, and other parameters. Includes entries like CHBY Cihanbeyli, AFAR AF ar-Bala, and many others.

2011 FEB

Table with columns: SIM, comp, value, unit, status, and other parameters. Includes entries like EKS2 Erkin-Say, AAK Ala-Archa, and many others.

958

Table with columns: LSA, comp, value, unit, status, and other parameters. Includes entries like LSA Lhasa, KUBS Kucove, and many others.

Table of astronomical observations for 20d 9h, listing station names (e.g., LSA, YAK, ZAK), station IDs, coordinates, and observation times.

Table of astronomical observations for 2011 FEB, listing station names (e.g., DAWY, KSH, KURK), station IDs, coordinates, and observation times.

Table of astronomical observations for 962, listing station names (e.g., ROSC, LPAZ, PTGA), station IDs, coordinates, and observation times.

Summary text for the 962 observations, including coordinates and observation details.

Table of astronomical observations for the Islands region, listing station names (e.g., H09N1, H09P2), station IDs, coordinates, and observation times.

Table of astronomical observations for the RNSC region, listing station names (e.g., BTLC, BARC, RUSC), station IDs, coordinates, and observation times.

Summary text for the RNSC observations, including coordinates and observation details.

Table of astronomical observations for the Peninsular, Sulawesi region, listing station names (e.g., KMSI, LUWI, MRSI), station IDs, coordinates, and observation times.

Summary text for the Peninsular, Sulawesi observations, including coordinates and observation details.

Table of astronomical observations for the Molucca Sea region, listing station names (e.g., TNTI, TMTI, TBTI), station IDs, coordinates, and observation times.

2011 FEB

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AML Almayashu, EKS2 Erkin-Say, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CSS Mathiatis, BR21 Keskin MP Arra, INK Keskin MP Arra, etc.

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

Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like Urewera, Hauri, Papeete, South Karori, Tophouse, Oxford, Honiara, etc.

ISCJ 20 10:49:04.2-1.5, 1.90N, 96.59E, h0km, mb3.9/9, mb1.4/0.10, mb1mx3.7/52, mbmp3.9/10, ML4.0/1, MS2.8/1, M-1.3/0.1, ms1mx2.5/53, Error ellipse: s-maj=55.8km s-min=19.2km az=56.0

ISCJ 20 10:49:07.1-0.7, 1.99N, 0.06:96.57E:0.08, h28km, mb3.9/9, Error ellipse: s-maj=12.8km s-min=6.9km az=155.8

DJA 20 10:49:08.5-1.1, 2.14N, 9.7E, h21km, 12km, ML4.0/8, mb4.4/1, mb4.5/3, MLV3.8/8, Mw(mb)3.6/1

ISC 20 10:49:09.2-0.9, 2.07N, 0.05:96.74E:0.10, h28km, n28, -0.99/22, mb3.9/9, Northern Sumatra

Table with columns: Code, Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like Gunungsitoli, Kotalace, Aceh, Prapat, Tuntungan, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like SONM, KURBB, ZALV, BVAR, FINES.

ISCJ 20 11:22:04.8-0.6, 35.73N, 52.64E, h0km, 37km, ML4.1

CSEM 20 11:22:15.6-0.2, 35.42N, 51.85E, h2km, ML4.0, Error ellipse: s-maj=5.2km s-min=4.2km az=154.0

NEIC 20 11:22:16.0, 35.43N, 51.83E, h7km, mb3.9/4, ML4.2(THR), MN4.1(TEH), After TEH.

ISC 20 11:22:16.3-0.7, 35.40N, 51.76E, h15km, 8km, ML4.1

ISC 20 11:22:16.0, 35.43N, 51.83E, h5km, ML4.0

ISC 20 11:22:16.3-0.7, 35.40N, 51.76E, h15km, 8km, ML4.1

ISC 20 11:22:16.0, 35.43N, 51.83E, h5km, ML4.0

ISC 20 11:22:16.3-0.7, 35.40N, 51.76E, h15km, 8km, ML4.1

ISC 20 11:22:16.0, 35.43N, 51.83E, h5km, ML4.0

ISC 20 11:22:16.3-0.7, 35.40N, 51.76E, h15km, 8km, ML4.1

ISC 20 11:22:16.0, 35.43N, 51.83E, h5km, ML4.0

ISC 20 11:22:16.3-0.7, 35.40N, 51.76E, h15km, 8km, ML4.1

ISC 20 11:22:16.0, 35.43N, 51.83E, h5km, ML4.0

ISC 20 11:22:16.3-0.7, 35.40N, 51.76E, h15km, 8km, ML4.1

ISC 20 11:22:16.0, 35.43N, 51.83E, h5km, ML4.0

ISC 20 11:22:16.3-0.7, 35.40N, 51.76E, h15km, 8km, ML4.1

ISC 20 11:22:16.0, 35.43N, 51.83E, h5km, ML4.0

ISC 20 11:22:16.3-0.7, 35.40N, 51.76E, h15km, 8km, ML4.1

ISC 20 11:22:16.0, 35.43N, 51.83E, h5km, ML4.0

ISC 20 11:22:16.3-0.7, 35.40N, 51.76E, h15km, 8km, ML4.1

ISC 20 11:22:16.0, 35.43N, 51.83E, h5km, ML4.0

ISC 20 11:22:16.3-0.7, 35.40N, 51.76E, h15km, 8km, ML4.1

ISC 20 11:22:16.0, 35.43N, 51.83E, h5km, ML4.0

ISC 20 11:22:16.3-0.7, 35.40N, 51.76E, h15km, 8km, ML4.1

ISC 20 11:22:16.0, 35.43N, 51.83E, h5km, ML4.0

ISC 20 11:22:16.3-0.7, 35.40N, 51.76E, h15km, 8km, ML4.1

ISC 20 11:22:16.0, 35.43N, 51.83E, h5km, ML4.0

ISC 20 11:22:16.3-0.7, 35.40N, 51.76E, h15km, 8km, ML4.1

ISC 20 11:22:16.0, 35.43N, 51.83E, h5km, ML4.0

Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like IKLH, IKLH, IKLH, IKLH, IKLH.

ISCJ 20 11:24:49.8, 1.106N, 63.35W, h3km, MD3.8

ISCJ 20 11:24:51.6, 0.6, 10.35N, 0.04:63.12W:0.03, h11km, 5km, Error ellipse: s-maj=6.0km s-min=4.9km az=176.6

FUNV 20 11:24:52.7, 10.32N, 63.02W, h13km, MWV3.1

ISC 20 11:24:52.3-1.1, 10.34N, 0.04:63.12W:0.03, h7km, 10km, n14, i160/24, Near coast of Venezuela

ISC 20 11:24:52.3-1.1, 10.34N, 0.04:63.12W:0.03, h7km, 10km, n14, i160/24, Near coast of Venezuela

ISC 20 11:24:52.3-1.1, 10.34N, 0.04:63.12W:0.03, h7km, 10km, n14, i160/24, Near coast of Venezuela

ISC 20 11:24:52.3-1.1, 10.34N, 0.04:63.12W:0.03, h7km, 10km, n14, i160/24, Near coast of Venezuela

ISC 20 11:24:52.3-1.1, 10.34N, 0.04:63.12W:0.03, h7km, 10km, n14, i160/24, Near coast of Venezuela

ISC 20 11:24:52.3-1.1, 10.34N, 0.04:63.12W:0.03, h7km, 10km, n14, i160/24, Near coast of Venezuela

ISC 20 11:24:52.3-1.1, 10.34N, 0.04:63.12W:0.03, h7km, 10km, n14, i160/24, Near coast of Venezuela

ISC 20 11:24:52.3-1.1, 10.34N, 0.04:63.12W:0.03, h7km, 10km, n14, i160/24, Near coast of Venezuela

ISC 20 11:24:52.3-1.1, 10.34N, 0.04:63.12W:0.03, h7km, 10km, n14, i160/24, Near coast of Venezuela

ISC 20 11:24:52.3-1.1, 10.34N, 0.04:63.12W:0.03, h7km, 10km, n14, i160/24, Near coast of Venezuela

ISC 20 11:24:52.3-1.1, 10.34N, 0.04:63.12W:0.03, h7km, 10km, n14, i160/24, Near coast of Venezuela

ISC 20 11:24:52.3-1.1, 10.34N, 0.04:63.12W:0.03, h7km, 10km, n14, i160/24, Near coast of Venezuela

ISC 20 11:24:52.3-1.1, 10.34N, 0.04:63.12W:0.03, h7km, 10km, n14, i160/24, Near coast of Venezuela

ISC 20 11:24:52.3-1.1, 10.34N, 0.04:63.12W:0.03, h7km, 10km, n14, i160/24, Near coast of Venezuela

ISC 20 11:24:52.3-1.1, 10.34N, 0.04:63.12W:0.03, h7km, 10km, n14, i160/24, Near coast of Venezuela

ISC 20 11:24:52.3-1.1, 10.34N, 0.04:63.12W:0.03, h7km, 10km, n14, i160/24, Near coast of Venezuela

ISC 20 11:24:52.3-1.1, 10.34N, 0.04:63.12W:0.03, h7km, 10km, n14, i160/24, Near coast of Venezuela

ISC 20 11:24:52.3-1.1, 10.34N, 0.04:63.12W:0.03, h7km, 10km, n14, i160/24, Near coast of Venezuela

ISC 20 11:24:52.3-1.1, 10.34N, 0.04:63.12W:0.03, h7km, 10km, n14, i160/24, Near coast of Venezuela

ISC 20 11:24:52.3-1.1, 10.34N, 0.04:63.12W:0.03, h7km, 10km, n14, i160/24, Near coast of Venezuela

ISC 20 11:24:52.3-1.1, 10.34N, 0.04:63.12W:0.03, h7km, 10km, n14, i160/24, Near coast of Venezuela

ISC 20 11:24:52.3-1.1, 10.34N, 0.04:63.12W:0.03, h7km, 10km, n14, i160/24, Near coast of Venezuela

ISC 20 11:24:52.3-1.1, 10.34N, 0.04:63.12W:0.03, h7km, 10km, n14, i160/24, Near coast of Venezuela

ISC 20 11:24:52.3-1.1, 10.34N, 0.04:63.12W:0.03, h7km, 10km, n14, i160/24, Near coast of Venezuela

ISC 20 11:24:52.3-1.1, 10.34N, 0.04:63.12W:0.03, h7km, 10km, n14, i160/24, Near coast of Venezuela

ISC 20 11:24:52.3-1.1, 10.34N, 0.04:63.12W:0.03, h7km, 10km, n14, i160/24, Near coast of Venezuela

SULT	Sultanhani-AKS	2.61 203 ePn	Pn	14 14 41.6 +1.2
SUSE	Susehri	2.63 98 iP	Pn	14 14 41.3 +0.6
SUSE	Susehri	2.63 98 P	Pn	14 14 41.3 +0.6
AUMIH	MHALIOLIK	2.65 255 iP	Pn	14 14 40.7 -0.2
AUMIH	MHALIOLIK	2.65 255 P	Pn	14 14 40.7 -0.2
GRSN	GIREUNGRSN	2.65 82 iP	Pn	14 14 43.4 +2.5
GRSN	GIREUNGRSN	2.65 82 P	Pn	14 14 43.4 +2.5
CUGUR	Gurin_S'VAS	2.69 134 iP	Pn	14 14 42.9 +1.4
CUGUR	Gurin_S'VAS	2.69 134 P	Pn	14 14 42.9 +1.4
MDUB	Mudurnu	2.75 268 ePn	Pn	14 14 42.7 +0.4
MDUB	Mudurnu	2.75 268 ePn	Pn	14 14 42.7 +0.4
SVRH	Sivrihari-ESK	2.77 242 iP	Pn	14 14 44.0 +2.5
SVRH	Sivrihari-ESK	2.77 242 P	Pn	14 14 44.0 +2.5
KIZT	Kizical	2.84 233 ePn	Pn	14 14 44.1 +0.5
KIZT	Kizical	2.84 233 ePn	Pn	14 14 44.1 +0.5
DARE	Darende-Malaty	2.91 134 ePn	Pn	14 14 47.4 +2.9
DARE	Darende-Malaty	2.91 134 ePn	Pn	14 14 47.4 +2.9
KDHN	Kadinhani	2.95 226 iP	Pn	14 14 44.4 -0.1
KDHN	Kadinhani	2.95 226 P	Pn	14 14 44.4 -0.1
YESY	Yesilyurt	2.95 196 ePn	Pn	14 14 46.5 +1.5
YESY	Yesilyurt	2.95 196 ePn	Pn	14 14 46.5 +1.5
ESPY	Esplye-Giresun	3.00 93 ePn	Pb	14 14 49.0 -2.4
ESPY	Esplye-Giresun	3.00 93 P	Pb	14 14 49.0 -2.4
SAHE	Sakarya_HENDEK	3.01 276 iP	Pn	14 14 46.4 +0.6
SAHE	Sakarya_HENDEK	3.01 276 P	Pn	14 14 46.4 +0.6
LADK	Ladik-KONYA	3.06 219 ePn	Pn	14 14 47.8 +1.2
LADK	Ladik-KONYA	3.06 219 ePn	Pn	14 14 47.8 +1.2
ILIC	ilic-Erzincan	3.12 111 ePn	Pn	14 14 50.2 +2.5
ILIC	ilic-Erzincan	3.12 111 ePn	Pn	14 14 50.2 +2.5
ESKT	Eskisehir	3.22 251 iP	Pn	14 14 47.7 -1.2
SEYT	Esikyepehr	3.22 251 P	Pn	14 14 47.7 -1.2
KOZT	Kozan	3.23 165 ePn	Pn	14 14 51.0 +2.2
KOZT	Kozan	3.23 165 ePn	Pn	14 14 51.0 +2.2
GULT	Gulveren	3.27 268 ePn	Pn	14 14 50.6 +1.2
GULT	Gulveren	3.27 268 ePn	Pn	14 14 50.6 +1.2
KONT	Konya-Tatoy	3.27 216 ePn	Pn	14 14 51.0 +1.7
KONT	Konya-Tatoy	3.27 216 ePn	Pn	14 14 51.0 +1.7
REFA	Rafahiye_ERZ	3.28 111 iP	Pn	14 14 47.9 -1.8
KARA	Karaisali	3.36 177 ePn	Pn	14 14 53.5 +2.9
KARA	Karaisali	3.36 177 ePn	Pn	14 14 53.5 +2.9
BORA	Eskisehir	3.41 259 iP	Pn	14 14 50.6 -0.7
BORA	Eskisehir	3.41 259 P	Pn	14 14 50.6 -0.7
SPNC	Sapanca-Adapaz	3.42 273 ePn	Pn	14 14 51.9 +0.5
SPNC	Sapanca-Adapaz	3.42 273 ePn	Pn	14 14 51.9 +0.5
KELT	Kelkit	3.44 96 iP	Pn	14 14 53.0 +1.1
KELT	Kelkit	3.44 96 P	Pn	14 14 53.0 +1.1
KMRS	Kahramanmaras	3.51 152 ePn	Pn	14 14 55.9 +3.2
KMRS	Kahramanmaras	3.51 152 ePn	Pn	14 14 55.9 +3.2
BOLV	Bolvadin	3.52 239 iP	Pn	14 14 52.4 -0.6
BOLV	Bolvadin	3.52 239 iP	Pn	14 14 52.4 -0.6
GUMT	Gumushane	3.57 91 ePn	Pn	14 14 56.2 +2.7
GUMT	Gumushane	3.57 91 ePn	Pn	14 14 56.2 +2.7
CEYT	Ceyhan	3.68 168 ePn	Pn	14 14 57.5 +2.6
CEYT	Ceyhan	3.68 168 ePn	Pn	14 14 57.5 +2.6
KTUT	Trabzon	3.79 83 ePn	Pn	14 15 00.4 +3.9
KTUT	Trabzon	3.79 83 ePn	Pn	14 15 00.4 +3.9
CAVI	Cavusko	3.81 265 ePn	Pn	14 14 57.9 +1.2
CAVI	Cavusko	3.81 265 ePn	Pn	14 14 57.9 +1.2
ADVT	Abdulvahap	3.86 269 ePn	Pn	14 14 58.3 +0.8
ADVT	Abdulvahap	3.86 269 ePn	Pn	14 14 58.3 +0.8
SHUT	Suhut-Afyon	3.88 239 ePn	Pn	14 14 60.0 +2.2
SHUT	Suhut-Afyon	3.88 239 ePn	Pn	14 14 60.0 +2.2
ERZCN	Erzincan	3.94 114 ePn	Pn	14 15 01.6 +2.9
ERZCN	Erzincan	3.94 114 ePn	Pn	14 15 01.6 +2.9
PTK	Pertek	3.94 114 ePn	Pn	14 15 01.6 +2.9
PTK	Pertek	3.94 114 ePn	Pn	14 15 01.6 +2.9
IZI	Iznik	4.07 268 ePn	Pn	14 15 00.8 +0.3
IZI	Iznik	4.07 268 ePn	Pn	14 15 00.8 +0.3
BAYT	Ayd-ntepe-Bay	4.08 91 ePn	Pn	14 15 04.0 +3.4
BAYT	Ayd-ntepe-Bay	4.08 91 ePn	Pn	14 15 04.0 +3.4
TVSB	Tavsanli	4.26 256 ePn	Pn	14 15 04.0 +0.9
TVSB	Tavsanli	4.26 256 ePn	Pn	14 15 04.0 +0.9
GEMT	Gemlik	4.28 269 ePn	Pn	14 15 05.2 +2.0
GEMT	Gemlik	4.28 269 ePn	Pn	14 15 05.2 +2.0
TAHT	Tahtakopr-Hat	4.37 165 ePn	Pn	14 15 08.1 +3.6
TAHT	Tahtakopr-Hat	4.37 165 ePn	Pn	14 15 08.1 +3.6
ISK	Istanbul-Kandi	4.38 278 ePn	Pn	14 15 06.5 +1.9
ISK	Istanbul-Kandi	4.38 278 ePn	Pn	14 15 06.5 +1.9
BCK	Bucak	4.55 227 ePn	Pn	14 15 08.9 +1.9
BCK	Bucak	4.55 227 ePn	Pn	14 15 08.9 +1.9
BCK	Bogazkoy	4.60 279 ePn	Pn	14 15 09.3 +1.7
BCK	Bogazkoy	4.60 279 ePn	Pn	14 15 09.3 +1.7
BGKT	Bogazkoy	4.60 279 ePn	Pn	14 15 09.3 +1.7
BGKT	Bogazkoy	4.60 279 ePn	Pn	14 15 09.3 +1.7
KHL	Karahalli	4.68 242 ePn	Pn	14 15 10.5 +1.6
KHL	Karahalli	4.68 242 ePn	Pn	14 15 10.5 +1.6
CTKS	Kestanekli-?a	4.81 279 ePn	Pn	14 15 11.7 +1.3
CTKS	Kestanekli-?a	4.81 279 ePn	Pn	14 15 11.7 +1.3
KCTX	Karacabey (Bur	4.93 268 ePn	Pn	14 15 13.8 +1.6
KCTX	Karacabey (Bur	4.93 268 ePn	Pn	14 15 13.8 +1.6
EZM	Erzurum	5.02 96 ePn	Pn	14 15 18.6 +4.2
EZM	Erzurum	5.02 96 ePn	Pn	14 15 18.6 +4.2
KULA	Kula-Manisa	5.19 248 ePn	Pn	14 15 17.4 +1.6
KULA	Kula-Manisa	5.19 248 ePn	Pn	14 15 17.4 +1.6
CHVG	Ch'k'valeri	5.84 67 P	Pn	14 15 26.2 +1.4
CHVG	Ch'k'valeri	5.84 67 P	Pn	14 15 26.2 +1.4
TIRR	Tirgusor	6.08 311 iP	Pn	14 15 28.4 +0.5
TIRR	Tirgusor	6.08 311 iP	Pn	14 15 28.4 +0.5
PRD	Providia	6.09 297 eP	Pn	14 15 27.8 -0.3
PRD	Providia	6.09 297 eP	Pn	14 15 27.8 -0.3
HARR	Harsova	6.32 80 iP	Pn	14 15 35.8 +5.3
HARR	Harsova	6.32 80 iP	Pn	14 15 35.8 +5.3
ADK	Akhalkalaki	6.62 80 iP	Pn	14 15 36.7 +0.5
ADK	Akhalkalaki	6.62 80 iP	Pn	14 15 36.7 +0.5
CFR	Carcaiu	6.69 315 iP	Pn	14 16 43.0 -1.0
CFR	Carcaiu	6.69 315 iP	Pn	14 16 43.0 -1.0
KBZ	Khabaz	6.77 60 P	Pn	14 15 38.6 +1.2
KBZ	Khabaz	6.77 60 P	Pn	14 15 38.6 +1.2
KBZ	0.5nm,0.3s,baz=32,slow=6.8,SNR=10		LR	14 19 11.9
ONI	Oni	6.78 70 P	Pn	14 15 38.5 +0.8
ONI	Oni	6.78 70 P	Pn	14 15 38.5 +0.8
SZH	Sztrachka	7.12 295 eP	Pn	14 16 44.7 -1.1
SZH	Sztrachka	7.12 295 eP	Pn	14 16 44.7 -1.1
KDZ	Kurdzhali	7.16 281 eP	Pn	14 15 43.4 +0.6
KDZ	Kurdzhali	7.16 281 eP	Pn	14 15 43.4 +0.6
ISR	Istrita	7.55 309 iP	Pn	14 15 51.4 +3.2
ISR	Istrita	7.55 309 iP	Pn	14 15 51.4 +3.2
MMAI	Mount Meron Ar	7.60 176 Pn	Pn	14 15 48.7 -0.2
MMAI	Mount Meron Ar	7.60 176 Pn	Pn	14 15 48.7 -0.2
VRI	Vrinicobaz	7.92 313 iP	Pn	14 15 54.1 -1.7
VRI	Vrinicobaz	7.92 313 iP	Pn	14 15 54.1 -1.7
PLOR	Plostina	7.92 314 iP	Pn	14 15 54.4 +1.2
PLOR	Plostina	7.92 314 iP	Pn	14 15 54.4 +1.2
MLR	Muntele Rosu	8.11 310 Pn	Pn	14 15 55.5 -0.4
MLR	Muntele Rosu	8.11 310 Pn	Pn	14 15 55.5 -0.4
MLR	Muntele Rosu	8.11 310 iP	Pn	14 15 57.1 +1.2
MLR	Muntele Rosu	8.11 310 iP	Pn	14 15 57.1 +1.2
DOPR	Dopca	8.70 311 iP	Pn	14 16 06.1 +2.2
DOPR	Dopca	8.70 311 iP	Pn	14 16 06.1 +2.2
ARR	Arges	8.83 306 iP	Pn	14 16 08.5 +2.7
ARR	Arges	8.83 306 iP	Pn	14 16 08.5 +2.7
PRAR	RASCA	9.14 320 iP	Pn	14 16 01.6 -8.3
PRAR	RASCA	9.14 320 iP	Pn	14 16 01.6 -8.3
BURAR	Bucovina Array	9.81 319 iP	Pn	14 16 18.3 -0.9
BURAR	Bucovina Array	9.81 319 iP	Pn	14 16 18.3 -0.9
GZR	Gura Zlata	10.01 303 iP	Pn	14 16 20.3 +1.3
GZR	Gura Zlata	10.01 303 iP	Pn	14 16 20.3 +1.3
DRGR	Drumule	10.70 309 iP	Pn	14 16 30.2 +0.6
DRGR	Drumule	10.70 309 iP	Pn	14 16 30.2 +0.6
AKASG	Main Array Be	10.81 341 Pn	Pn	14 16 30.7 -2.1
AKASG	Main Array Be	10.81 341 Pn	Pn	14 16 30.7 -2.1
AKASG	1.8nm,0.3s,baz=155,slow=24,SNR=8		Sn	14 16 29.4 -4.4
BZS	Buzia	10.85 302 iP	Pn	14 16 36.1 +2.7
BZS	Buzia	10.85 302 iP	Pn	14 16 36.1 +2.7
KOLS	Koloniec sedl	12.17 317 ePn	Pn	14 16 55.4 +1.1
KOLS	Koloniec sedl	12.17 317 ePn	Pn	14 16 55.4 +1.1
CRVS	Cervenica-Dubn	12.57 316 ePn	Pn	14 16 59.0 +2.1
CRVS	Cervenica-Dubn	12.57 316 ePn	Pn	14 16 59.0 +2.1
GERES	GERESS Array B	17.06 306 P	Pn	14 17 56.8 +0.2
GERES	GERESS Array B	17.06 306 P	Pn	14 17 56.8 +0.2
GERES	0.1nm,0.3s,baz=110,slow=15,SNR=2.2		LR	14 26 36.0
GEYT	Alibeck	18.24 91 P	Pn	14 18 12.1 +0.5
GEYT	Alibeck	18.24 91 P	Pn	14 18 12.1 +0.5
AKTO	Aktuyubek	19.51 119 Pn	Pn	14 18 19.8 +0.2
AKTO	Aktuyubek	19.51 119 Pn	Pn	14 18 19.8 +0.2
DAVOX	Davos/Dischmat	19.00 297 P	Pn	14 18 21.3 +0.7
DAVOX	Davos/Dischmat	19.00 297 P	Pn	14 18 21.3 +0.7
DAVOX	0.2nm,0.3s,baz=82,slow=15,SNR=3.6		LR	14 26 52.2
DAVOX	comp=Z,110nm,19.8s,baz=124,slow=41		LR	14 18 46.6 -0.5
FINES	FINES Array B	21.52 349 P	Pn	14 18 53.0 -0.7
FINES	FINES Array B	21.52 349 P	Pn	14 18 53.0 -0.7
ARU	Arti	22.14 36 P	Pn	14 18 53.0 -0.7
ARU	Arti	22.14 36 P	Pn	14 18 53.0 -0.7
ARU	0.9nm,0.3s,baz=244,slow=11,SNR=8.7		P	14 19 09.4 +1.3
HFS	Hagfors	23.53 333 P	P	14 19 09.4 +1.3
HFS	Hagfors	23.53 333 P	P	14 19 09.4 +1.3
ARCES	ARCES Array B	29.39 353 P	P	14 20 01.2 0.0
ARCES	ARCES Array B	29.39 353 P	P	14 20 01.2 0.0
ESDC	Sonsec Array	29.49 281 P	P	14 20 02.0 -0.3
ESDC	Sonsec Array	29.49 281 P	P	14 20 02.0 -0.3
ESDC	1.4nm,0.6s,baz=139,slow=9.5,SNR=3.3		P	14 20 45.2 -0.7
MKAR	Makanchi Array	34.45 64 P	P	14 21 31.2 -0.7
MKAR	Makanchi Array	34.45 64 P	P	14 21 31.2 -0.7
MKAR	0.2nm,0.7s,baz=272,slow=7.9,SNR=2.6		P	14 21 31.2 -0.7
TORD	Torodi Be	39.12 306 P	P	14 23 57.9 +1.6
TORD	Torodi Be	39.12 306 P	P	14 23 57.9 +1.6
CMAR	Chiang Mai Arr	58.72 92 P	P	14 25 35.4 +0.1
CMAR	Chiang Mai Arr	58.72 92 P	P	14 25 35.4 +0.1
YKA	Yellowknife Arr	74.33 346 P	P	14 25 35.4 +0.1
YKA	Yellowknife Arr	74.33 346 P	P	14 25 35.4 +0.1
YKA	0.3nm,0.7s,baz=29,slow=5.8,SNR=4.9		P	

JMA 20 14:16:45.8±0.2, 43°60N:147°85E, h15km, M3.2
 SKHL 20 14:16:46.0±0.2, 43.77N:148.06E, h33km, mb5.1/2
 ISC 20 14:16:45.3±0.2, 43.77N:0.1:148.1E:0.1, h34km, m14,
 #10923, 1C-1D, East of Kuril Islands

Code	Station Name	Δ° AZ°	Phase ID	Op	ISC	Time	Res
				Pb	h m s	ISC	
SHO	Shikotan	0.93 280	iP	AMB	AMB	14 17 02.5	-0.4
SHO	40nm,0.3s					14 17 03.5	
SHO	120nm,0.3s					14 17 03.5	
SHO	290nm,0.5s			iS	A	14 17 14.6	-0.3
SHO				A	Sb	14 17 16.0	
SHO	150nm,0.5s			A	A	14 17 16.0	
KUR	Kuril'sk	1.52 354	eS	A	A	14 17 27.6	-1.2
KUR	30nm,0.3s			A	A	14 17 29.5	
KUR	20nm,0.3s			A	A	14 17 29.5	
YUK	Yuzh-Kuril'sk	1.64 282	iP	AMB	AMB	14 17 11.8	0.0
YUK	10.0nm,0.2s					14 17 12.4	
YUK	20nm,0.2s				AMB	14 17 12.4	
YUK	40nm,0.2s				AMB	14 17 12.4	
YUK	90nm,0.4s			iS	A	14 17	

Table with columns for station call letters, frequency, time, and other parameters. Includes stations like KKAR, COEN, CN2, BZAK, etc.

Table with columns for station call letters, frequency, time, and other parameters. Includes stations like NVS, KRAR, RAYN, BVAO, etc.

Table with columns for station call letters, frequency, time, and other parameters. Includes stations like YAK, MMAI, SOKR, SOC, etc.

SUW			epP	sP	14 44 38.9 -1.2	comp=Z,5.2nm,0.8s,baz=94,slow=4.9,SNR=19	NOA		PP	PP	14 48 24.0 -4.2	S39A	baz=338	139.99	13	P	PKPpre	14 51 40.5	
SUW	Suwalki	79.56	325	eP	P	14 44 26.8 -0.8	comp=Z,1.4nm,0.8s,baz=85,slow=6.0,SNR=3.4	NOA		PP	PP	14 48 24.0 -4.2	Bolivar	baz=344	139.99	13	P	PKPpre	14 51 40.5
SUW			eP	P	14 44 33.9														
SUW			eP	sP	14 44 38.9 -1.2														
CRVS	Cervenica-Dubn	79.63	319	eP	P	14 44 28.5 +0.4	comp=Z,100nm,19.9s,baz=245,slow=39	NOA		LR	LR	15 28 42.1	T37A	Cheneyville 18	140.14	15	P	PKPpre	14 51 40.5
CRVS	Cervenica-Dubn	79.63	319	eP	P	14 44 28.5 +0.4							MSTX	Muleshoe	140.20	26	P	PKPpre	14 51 43.6
STHS	Stebnicka Huta	79.86	320	eP	P	14 44 30.7 +1.4	DAVOS Davos/Dischmat	87.18	317	LR	LR	15 27 57.2	S40A	Lebanon	140.25	12	P	PKPpre	14 51 43.4
STHS	Stebnicka Huta	79.86	320	eP	P	14 44 37.1 +0.2	DAVA Damuets	87.19	317	LR	LR	15 27 57.2	T38A	Diamond	140.38	14	P	PKPpre	14 51 44.6
STHS	Stebnicka Huta	79.86	320	eP	P	14 44 30.7 +1.4	KEST Kesra	87.46	306	P	P	14 45 10.2 +1.5	V34A	Guthrie	140.58	19	ePKPpre	PKPpre	14 51 46.1
STHS			eP	P	14 44 37.1								MNTX	Cornudas Mount	140.81	31	P	PKPpre	14 51 44.4
FIAT	FINESS Array S	79.88	333	eP	P	14 44 29.2 0.0	BFO Black Forest	88.25	318	eP	P	14 45 11.5 -0.6	U39A	Green Forest	141.20	14	P	PKPpre	14 51 44.3
FINES	FINESS Array B	79.88	332	eP	P	14 44 28.8 -0.4	NFL Black Forest	88.25	318	iP	P	14 45 18.9 -1.6	U40A	Yellville	141.37	13	P	PKPpre	14 51 46.0
SYO	Syowa Base	80.11	198f	eP	P	14 44 36.3 -1.2	NVL N'azarevskaya	89.69	199	eP	P	14 45 28.6 +1.0	V38A	Canehill	141.46	15	P	PKPpre	14 51 47.1
SYO	Syowa Base	80.11	198f	eP	P	14 44 41.0 +1.6	MEM Memtsch	89.73	320	P	P	14 45 19.5 +0.6	W37B	Quinton	141.86	17	P	PKPpre	14 51 46.8
KECS	Kecovo	80.19	319	eP	P	14 44 31.2 0.0	DOU Dourbes	90.65	320	P	P	14 45 23.2 -0.1	X35A	Drake	142.07	19	P	PKPpre	14 51 47.8
KECS	Kecovo	80.19	319	eP	P	14 44 38.2 -0.2	SNF Senefte	90.83	320	P	P	14 45 24.7 +0.6	X36A	Centrahoma	142.11	18	P	PKPpre	14 51 47.3
KECS	Kecovo	80.19	319	eP	P	14 44 31.2 0.0	TAM Tamnasset	91.01	293	P	P	14 45 26.1 +0.3	Y34A	Reagan Ranch,	142.21	20	P	PKPpre	14 51 47.1
KECS			eP	P	14 44 38.2							X37A	Clayton	142.39	17	P	PKPpre	14 51 49.0	
NIE	Niedzica	80.46	320	eP	P	14 44 33.0 +0.4	TAM Tamnasset	91.01	293	P	P	14 45 26.1 +0.3	Z33A	Whitaker Ranch	142.44	22	P	PKPpre	14 51 49.0
NIE	Niedzica	80.46	320	eP	P	14 44 33.0 +0.4	TAM Tamnasset	91.01	293	P	P	14 45 26.1 +0.3	X38A	Whitesboro	142.47	16	P	PKPpre	14 51 50.2
NIE	Niedzica	80.46	320	eP	P	14 44 33.0 +0.4	TAM Tamnasset	91.01	293	P	P	14 45 26.1 +0.3	ABTX	Ablene, Hawle	142.69	24	ePKPpre	PKPpre	14 51 50.0
PSZ	Piszkesteto	80.50	318	iP	P	14 44 31.8 -1.1	TAM Tamnasset	91.01	293	P	P	14 45 26.1 +0.3	ABTX	Ablene, Hawle	142.69	24	ePKPpre	PKPpre	14 51 50.0
PSZ	Piszkesteto	80.50	318	iP	P	14 44 32.5 -0.4	TAM Tamnasset	91.01	293	P	P	14 45 26.1 +0.3	Y36A	Durant	142.75	19	P	PKPpre	14 51 50.0
PSZ	Piszkesteto	80.50	318	iP	P	14 44 30.8 -1.1	TAM Tamnasset	91.01	293	P	P	14 45 26.1 +0.3	X39A	Fountain Ranch	142.82	16	P	PKPpre	14 51 50.7
PSZ	Piszkesteto	80.50	318	iP	P	14 44 35.0 +0.9	TAM Tamnasset	91.01	293	P	P	14 45 26.1 +0.3	Y37A	Hugo	142.88	18	P	PKPpre	14 51 50.8
TSMU	Tsumeb	80.60	250	eP	P	14 44 40.0 +0.1	TAM Tamnasset	91.01	293	P	P	14 45 26.1 +0.3	MIAR	Mount Ida	142.93	15	P	PKPpre	14 51 51.1
OJC	Ojcow	80.91	321	eP	P	14 44 42.3 +0.8	TAM Tamnasset	91.01	293	P	P	14 45 26.1 +0.3	MIAR	Mount Ida	142.93	15	ePKPpre	PKPpre	14 51 50.5
OJC	Ojcow	80.91	321	eP	P	14 44 37.3 -0.3	TAM Tamnasset	91.01	293	P	P	14 45 26.1 +0.3	MIAR	Mount Ida	142.93	15	ePKPpre	PKPpre	14 51 50.5
OJC	Ojcow	80.91	321	eP	P	14 44 42.3 +0.8	TAM Tamnasset	91.01	293	P	P	14 45 26.1 +0.3	X40A	Basin Creek Fa	143.16	14	P	PKPbc	14 51 52.2 +0.1
OJC	Ojcow	80.91	321	eP	P	14 44 47.3 -0.2	TAM Tamnasset	91.01	293	P	P	14 45 26.1 +0.3	Y38A	Idabel	143.20	17	P	PKPbc	14 51 51.7 -0.6
OJC	Ojcow	80.91	321	eP	P	14 44 42.3 +0.8	TAM Tamnasset	91.01	293	P	P	14 45 26.1 +0.3	Z36A	Blue Ridge	143.28	19	P	PKPbc	14 51 52.3 -0.2
LANS	Liptovska Anna	80.96	319	eP	P	14 44 36.3 +1.0	TAM Tamnasset	91.01	293	P	P	14 45 26.1 +0.3	134A	White-Moore Ra	143.34	22	P	PKPbc	14 51 52.9 +0.2
LANS	Liptovska Anna	80.96	319	eP	P	14 44 36.3 +1.0	TAM Tamnasset	91.01	293	P	P	14 45 26.1 +0.3	Y39A	Lockesburg	143.36	16	P	PKPbc	14 51 52.5 -0.3
LANS	Liptovska Anna	80.96	319	eP	P	14 44 36.3 +1.0	TAM Tamnasset	91.01	293	P	P	14 45 26.1 +0.3	Y40A	Okolona	143.51	15	P	PKPbc	14 51 52.8 -0.3
LANS	Liptovska Anna	80.96	319	eP	P	14 44 36.3 +1.0	TAM Tamnasset	91.01	293	P	P	14 45 26.1 +0.3	233A	Rising Star	143.51	23	P	PKPab	14 51 52.7 +0.4
LANS	Liptovska Anna	80.96	319	eP	P	14 44 36.3 +1.0	TAM Tamnasset	91.01	293	P	P	14 45 26.1 +0.3	TXAR	Lajitas Array	143.58	32	PKP	PKPbc	14 51 54.0 +0.3
LANS	Liptovska Anna	80.96	319	eP	P	14 44 36.3 +1.0	TAM Tamnasset	91.01	293	P	P	14 45 26.1 +0.3	TXAR	Lajitas Array	143.58	32	PKP	PKPbc	14 51 54.0 +0.3
LANS	Liptovska Anna	80.96	319	eP	P	14 44 36.3 +1.0	TAM Tamnasset	91.01	293	P	P	14 45 26.1 +0.3	KMSA	Kings Mountain	143.70	35B	P	PKPab	14 51 52.5 -0.4
LANS	Liptovska Anna	80.96	319	eP	P	14 44 36.3 +1.0	TAM Tamnasset	91.01	293	P	P	14 45 26.1 +0.3	234A	Clairette	143.82	22	P	PKPab	14 51 53.8 +0.3
LANS	Liptovska Anna	80.96	319	eP	P	14 44 36.3 +1.0	TAM Tamnasset	91.01	293	P	P	14 45 26.1 +0.3	WHTX	Lake Whitney,	144.09	21	P	PKPab	14 51 54.6 +0.1
LANS	Liptovska Anna	80.96	319	eP	P	14 44 36.3 +1.0	TAM Tamnasset	91.01	293	P	P	14 45 26.1 +0.3	333A	Richland Sprin	144.09	24	P	PKPab	14 51 54.5 0.0
LANS	Liptovska Anna	80.96	319	eP	P	14 44 36.3 +1.0	TAM Tamnasset	91.01	293	P	P	14 45 26.1 +0.3	137A	Heron Place, G	144.12	19	P	PKPbc	14 51 55.6 +0.5
LANS	Liptovska Anna	80.96	319	eP	P	14 44 36.3 +1.0	TAM Tamnasset	91.01	293	P	P	14 45 26.1 +0.3	240A	Long Farm, Mag	144.19	15	P	PKPbc	14 51 55.6 +0.4
LANS	Liptovska Anna	80.96	319	eP	P	14 44 36.3 +1.0	TAM Tamnasset	91.01	293	P	P	14 45 26.1 +0.3	334A	Lometa	144.38	23	P	PKPab	14 51 55.1 -0.5
LANS	Liptovska Anna	80.96	319	eP	P	14 44 36.3 +1.0	TAM Tamnasset	91.01	293	P	P	14 45 26.1 +0.3	139A	Bunkhouse Ranc	144.46	17	P	PKPbc	14 51 56.6 +0.5
LANS	Liptovska Anna	80.96	319	eP	P	14 44 36.3 +1.0	TAM Tamnasset	91.01	293	P	P	14 45 26.1 +0.3	JCT	Junction City	144.48	26	P	PKPab	14 51 55.8 -0.2
LANS	Liptovska Anna	80.96	319	eP	P	14 44 36.3 +1.0	TAM Tamnasset	91.01	293	P	P	14 45 26.1 +0.3	JCT	Junction City	144.48	26	ePKPpre	PKPab	14 51 55.3 -0.8
LANS	Liptovska Anna	80.96	319	eP	P	14 44 36.3 +1.0	TAM Tamnasset	91.01	293	P	P	14 45 26.1 +0.3	JCT	Junction City	144.48	26	ePKPpre	PKPab	14 51 55.3 -0.8
LANS	Liptovska Anna	80.96	319	eP	P	14 44 36.3 +1.0	TAM Tamnasset	91.01	293	P	P	14 45 26.1 +0.3	433A	Art	144.25	26	ePKPpre	PKPab	14 51 55.9 -0.4
LANS	Liptovska Anna	80.96	319	eP	P	14 44 36.3 +1.0	TAM Tamnasset	91.01	293	P	P	14 45 26.1 +0.3	237A	Washetta, Mont	144.65	19	P	PKPbc	14 51 56.6 -0.1
LANS	Liptovska Anna	80.96	319	eP	P	14 44 36.3 +1.0	TAM Tamnasset	91.01	293	P	P	14 45 26.1 +0.3	140A	Cam and Jess,	144.73	16	P	PKPbc	14 51 57.2 +0.2
LANS	Liptovska Anna	80.96	319	eP	P	14 44 36.3 +1.0	TAM Tamnasset	91.01	293	P	P	14 45 26.1 +0.3	335A	Moody	144.74	22	P	PKPab	14 51 56.7 -0.2
LANS	Liptovska Anna	80.96	319	eP	P	14 44 36.3 +1.0	TAM Tamnasset	91.01	293	P	P	14 45 26.1 +0.3	434A	Burnet	144.83	23	P	PKPab	14 51 56.4 -0.9
LANS	Liptovska Anna	80.96	319	eP	P	14 44 36.3 +1.0	TAM Tamnasset	91.01	293	P	P	14 45 26.1 +0.3	336A	Riesel	144.86	21	P	PKPab	14 51 56.8 -0.5
LANS	Liptovska Anna	80.96	319	eP	P	14 44 36.3 +1.0	TAM Tamnasset	91.01	293	P	P	14 45 26.1 +0.3	238A	Jacksonville	144.87	18	P	PKPbc	14 51 57.7 +0.2
LANS	Liptovska Anna	80.96	319	eP	P	14 44 36.3 +1.0	TAM Tamnasset	91.01	293	P	P	14 45 26.1 +0.3	141A	Papa Simpson,	144.94	15	P	PKPbc	14 51 57.8 +0.2
LANS	Liptovska Anna	80.96	319	eP	P	14 44 36.3 +1.0	TAM Tamnasset	91.01	293	P	P	14 45 26.1 +0.3	239A	Villa Florida	145.07	222	PKPbc	PKPpdf	14 51 59.1 +0.3
LANS	Liptovska Anna	80.96	319	eP	P	14 44 36.3 +1.0	TAM Tamnasset	91.01	293	P	P	14 45 26.1 +0.3	435B	Jarrell	145.12	23	P	PKPbc	14 51 58.0 -0.3
LANS	Liptovska Anna	80.96	319	eP	P	14 44 36.3 +1.0	TAM Tamnasset	91.01	293	P	P	14 45 26.1 +0.3	533A	Kerrville	145.16	25	P	PKPbc	14 51 58.0 -0.4
LANS	Liptovska Anna	80.96	319	eP	P	14 44 36.3 +1.0	TAM Tamnasset	91.01	293	P	P	14 45 26.1 +0.3	240A	Hunter Patters	145.24	16	P	PKPab	14 51 58.8 +0.1
LANS	Liptovska Anna	80.96	319	eP	P	14 44 36.3 +1.0	TAM Tamnasset	91.01	293	P	P	14 45 26.1 +0.3	337A	Centerville	145.25	20	P	PKPpdf	14 51 59.1 +0.1
LANS	Liptovska Anna	80.96	319	eP	P	14 44 36.3 +1.0	TAM Tamnasset	91.01	293	P	P	14 45 26.1 +0.3	338A	Crockett	145.41	19	P	PKPpdf	14 51 59.3 0.0
LANS	Liptovska Anna	80.96	319	eP	P	14 44 36.3 +1.0	TAM Tamnasset	91.01	293	P	P	14 45 26.1 +0.3	436A	Wall Ranch, Ga	145.43	21	P	PKPab	14 51 59.4 -0.1
LANS	Liptovska Anna	80.96	319	eP	P	14 44 36.3 +1.0	TAM Tamnasset	91.01	293	P	P	14 45 26.1 +0.3	534A	Blanco	145.44	24	P	PKPbc	14 51 58.6 -0.7
LANS	Liptovska Anna	80.96	319	eP	P	14 44 36.3 +1.0	TAM Tamnasset	91.01	293	P	P	14 45 26.1 +0.3	GOGA	Godfrey	145.45	1	ePKP	PKPbc	14 51 58.8 -0.4
LANS	Liptovska Anna	80.96	319	eP	P	14 44 36.3 +1.0	TAM Tamnasset	91.01	293	P	P	14 45 26.1 +0.3	GOGA	Godfrey	145.45	1	e		

LCO Las Campanas 150.13 202 ePKPbC PKPbC 14.52 14.0 +1.4
LPAZ La Paz 159.24 232 PKP PKPdf 14.52 21.7 +0.9

IDC 20 14:58:54.7z 1.0, 33.36'S; 72.41'W, h0km, mb3.6/5,
mb1 3.9/7, mb1mx3.8/20, mbtmp3.6/7, ML3.6/2, MS3.1/1,
Ms1 3.1/1, ms1mx2.7/23, Error ellipse: s-maj=39.1km
s-min=28.3km az=82.0

ISCJB 20 14:58:55.9z 1.5, 34.06'S; 0.05; 72.47'W, 0.07, h20km, 11km,
mb3.9/5, Error ellipse: s-maj=10.0km s-min=8.2km
az=40.7

GUC 20 14:58:58.1z 0.4, 34.04'S; 72.15'W, h10km, kM3, ML3.9
ISC 20 14:58:56.2z 0.4, 34.01'S; 0.05; 72.34'W, 0.09, h10km, 14km,
n19, c0570/25, mb3.7/5, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Pichilemu, Los Niches, Antumapu, Santa Lucia, Pedehy, Santa Flores, etc.

CSEM 20 14:59:00.7z 0.4, 40.86'N; 37.17'E, h8km, MD2.6, Error
ellipse: s-maj=8.3km s-min=4.8km az=28.0

ISCJB 20 14:59:01.0z 1.0, 40.83'N; 0.05; 37.15'E, 0.05, h4km, 8km,
Error ellipse: s-maj=8.5km s-min=4.7km az=31.1

DDA 20 14:59:01.7z 40.77'N; 37.08'E, h7km, MD2.6
ISK 20 14:59:01.1z 40.78'N; 37.16'E, h2km, MD2.4

ISC 20 14:59:00.1z 1.4, 40.82'N; 0.04; 37.20'E, 0.03, h1km, 12km,
n16, c0537/30, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Erbaa, Resadiye-TOKAT, Kavak, Karacayir, etc.

MAN 20 14:59:28.13:59N-120.66E, h108km, mb4.3, ML3.2,
MS3.0, 1C, Mindoro

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Puerto Galera, Boac, San Jose, Coron, El Nido.

IDC 20 15:02:39.5z 1.0, 26.55'N; 141.64'E, h0km, mb3.6/5,
s-maj=3.8, mb1mx3.3/61, mbtmp3.6/5, Error ellipse:
s-maj=28.1km s-min=15.2km az=126.0, Bonin Islands
region

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

IDC 20 15:08:14.2z 0.4, 40.19'N; 37.10'E, h0km, mb3.1/1,
mb1 3.4/4, mb1mx3.0/56, mbtmp3.1/4, ML2.9/3, MS3.8/1,
Ms1 3.8/1, ms1mx2.6/32, Error ellipse: s-maj=41.5km
s-min=11.4km az=155.0

DDA 20 15:08:16.1, 40.57'N; 36.92'E, h16km, Md3.3
ISK 20 15:08:16.4, 40.60'N; 36.94'E, h5km, ML3.3

ISCJB 20 15:08:17.8z 0.2, 40.59'N; 0.02; 36.92'E, 0.02, h10km,
mb3.2/1, Error ellipse: s-maj=2.5km s-min=2.1km az=20.3

CSEM 20 15:08:17.5z 0.1, 40.58'N; 36.93'E, h2km, MD3.3, Error
ellipse: s-maj=3.4km s-min=2.8km az=12.0

ISC 20 15:08:17.9z 0.6, 40.56'N; 0.02; 36.93'E, 0.01, h10km, n112,

1539/138, Turkey

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Erbaa, Karacayir, Kavak, etc.

ATH 20 15:11:25.5z 37.71'N; 19.67'E, h5km, 1km, ML3.9/36, Error
ellipse: s-maj=1.6km s-min=0.9km az=72.0, Analyst:
A.ANDREOU ML Amplitudes are expressed in
micrometres All distances are expressed in km

BUI 20 15:11:26.8z 37.92'N; 19.79'E, h12km, mb4.7/6, MS5.0/4,
Ms4.4/3, Mst7 4/2/3

IDC 20 15:11:28.0z 0.7, 37.86'N; 20.12'E, h0km, mb4.0/15,
mb1 4.1/25, mb1mx3.9/62, mbtmp4.0/25, ML3.7/10, MS3.4/7,
Ms1 3.4/7, ms1mx3.0/54, Error ellipse: s-maj=15.6km
s-min=12.4km az=158.0

ROM 20 15:11:29.0z 0.4, 37.70'N; 20.11'E, h20km, ML4.2/28, Error
ellipse: s-maj=6.0km s-min=4.0km az=127.0

PDG 20 15:11:29.6z 0.5, 37.85'N; 19.90'E, h12km, 1km, ML4.2/13,
Error ellipse: s-maj=0.9km s-min=1.1km az=0.0

TIR 20 15:11:30.3z 38.26'N; 19.36'E, h0km, ML4.1

NEIC 20 15:11:30.3z 0.3, 37.83'N; 19.95'E, h10km, ML4.1(THE),
Error ellipse: s-maj=5.1km s-min=3.6km az=181.0

CSEM 20 15:11:30.8z 0.1, 37.86'N; 19.91'E, h10km, mb4.4/7, Error
ellipse: s-maj=2.7km s-min=1.7km az=2=16.0

THE 20 15:11:30.1, 37.82'N; 19.91'E, h0km, 1km, ML4.3/11, Error
ellipse: s-maj=1.9km s-min=0.9km az=127.0

ISCJB 20 15:11:30.6z 0.5, 37.88'N; 0.02; 19.87'E, 0.01, h23km, 4km,
mb4.2/23, MS3.8/5, Error ellipse: s-maj=2.7km
s-min=1.9km az=3=12.0

ISC 20 15:11:30.2z 1.1, 37.86'N; 0.03; 19.90'E, 0.02, h15km, 7km,
n491, c1557/594, mb4.2/24, MS3.8/5, 26C-26D, Ionian Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Valsamata, Anninata, Lefkada island, etc.

ITM Ithomi 1.75 112 P Pn 15 11 59.7 -0.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Q40A Laux Farm, SLM Saint Louis, Q39A Willow Grove F, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PDO Prodomos, PDO Artemida-Makis, PDO Artemida-Makis, etc.

CSEM 20 15:30:30.2, 37.68N, 19.78E, h14km, ML2.4/4, Error ellipse: s-maj=3.9km s-min=1.5km az=23.0, Analyst: A.ANDREUJ.M All Amplitudes are expressed in micrometres All distances are expressed in km, Ionian Sea

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

CSEM 20 15:17:49.9, 37.60N, 19.88E, h13km, ML2.6/15, Error ellipse: s-maj=5.7km s-min=1.5km az=55.0, Analyst: A.ANDREUJ.M All Amplitudes are expressed in micrometres All distances are expressed in km

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

ICD 20 15:30:38.9, 5.0, 31.88S, 138.74E, h0km, mb1 3.5/3, mb1mx3.3/24, mbtmp3.3/3, ML3.3/3, Error ellipse: s-maj=73.6km s-min=16.8km az=25.0, South Australia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek, etc.

ENPP EI Nido 2.48 216 eP Pn 15 40 08.0 +0.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ICD 20 15:50:03.5, ICD 20 15:50:07.0, ICD 20 15:50:08.7, etc.

MAN 20 15:50:45, 11.29N, 124.26E, h3km, mb4.1, ML2.9, MS2.7, IC, Leyte

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OCLP Ormoc, OCLP Lapu-Lapu, OCLP Lapu-Lapu, etc.

DJA 20 16:12:56.3, 0.7, 8.5S, 107E, h40km, 5km, M4.0/8, ML4.0/8, Jawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CISI Cisompet, CISI Garu, CISI Garu, etc.

ICD 20 16:16:27.3, 3.7, 6.31S, 150.17E, h0km, mb2.8/2, mb1 3.2/3, mb1mx3.1/28, mbtmp3.1/3, ML1.2/1, Error ellipse: s-maj=148.1km s-min=24.0km az=119.0, New Britain region

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

ISN 20 16:19:59.2, 0.3, 38.12N, 141.99E, h0km, ML3.1 DDA 20 16:20:03.6, 38.58N, 141.72E, h7km, Md3.0 ISK 20 16:20:03.4, 38.57N, 141.67E, h13km, MD3.0

ISCJB 20 16:20:04.4, 0.4, 38.55N, 140.03, 41.72E, 0.04, h17km, 6km, Error ellipse: s-maj=5.4km s-min=3.5km az=43.7 CSEM 20 16:20:04.2, 0.2, 38.54N, 141.74E, h20km, MD3.0, Error ellipse: s-maj=9.6km s-min=5.4km az=25.0

ISC 20 16:20:03.9, 0.9, 38.58N, 0.02, 41.73E, 0.02, h15km, 9km, n36, 0.69/56, Turkey

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Diyarbakir, Hanur-Agry, Diyarbakir, etc.

IDC 20 16:20:11.6:0.7:2.94S:130.64E, h0km, mb4.0/12, mb1 4.2/13, mb1mx4.1/31, mbtmp4.1/13, ML4.2/1, MS3.3/4, MS1 3.3/4, ms1mx2.9/33, Error ellipse: s-maj=30.5km s-min=15.6km az=72.0

ISCJB 20 16:20:13.2:0.3:3.08S:0.04x130.47E:0.03, h24km, mb4.4/25, MS3.2/2, Error ellipse: s-maj=5.6km s-min=4.1km az=10.2

DJA 20 16:20:16.7:0.2:3.3:3:13.0E, h85km, mb4.6/11, mb4.6/7, mB5.5/3, MLV4.5/11, Mw(MB)5.0/3, BUJ 20 16:20:16.1:3.20S:130.40E, h32km, mb4.3/9, mB4.9/8, MS4.9/1, MS7.4/6

NEIC 20 16:20:17.3:0.8:3.09S:130.45E, h43km, mb4.4/14, Error ellipse: s-maj=8.9km s-min=5.9km az=49.0

ISC 20 16:20:15.4:0.4:0.3KTS:0.04x130.49E:0.03, h24km, n67, o178/67, mb4.4/25, Seram

Main table of station data for the 20d 17h period, including codes like BNDI, BNDI, MASAI, etc., and station names like Bandanaira, Masohi, etc.

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

IDC 20 16:22:07.2:2.1:39:27N:143:66E, h0km, mb3.5/4, mb1 3.6/6, mb1mx3.4/42, mbtmp3.4/6, ML2.6/2, Error ellipse: s-maj=48.0km s-min=26.0km az=58.0

JMA 20 16:22:10.7:0.2:38:26N:143:32E, h33km, M3.4, ISC 20 16:22:10.3:1.5:38.3N:101:143E:0.1, h15km, n22, o163/19, mb3.5/4, Off east coast of Honshu

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

WEL 20 16:29:41.4:0.4:36:45S:177:24E, h33km, ML3.7/4, 1D, Error ellipse: s-maj=3.8km s-min=3.3km az=0.0, Off east coast of North Island

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

IDC 20 16:30:32.8:7.3:727S:155:49E, h45km, mb2km, mb3.1/5, mb1 3.4/6, mb1mx3.3/27, mbtmp3.5/6, ML1.7/1, Error ellipse: s-maj=63.9km s-min=33.6km az=120.0, Bougainville-Solomon Islands region

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

IDC 20 16:48:53.4:3.3:755S:127:49E, h16km, mb3km, mb3.8/11, mb1 3.9/14, mb1mx3.8/31, mbtmp4.3/14, Error ellipse: s-maj=24.6km s-min=12.9km az=66.0

BUJ 20 16:48:53.3:8.00S:127:46E, h15km, mb4.3/16, mB4.8/8, ISCJB 20 16:48:55.3:0.3:7.78S:0.03x127.61E:0.04, h162km, mb4.1/23, Error ellipse: s-maj=6.4km s-min=4.7km az=160.1

NEIC 20 16:48:56.0:6.7:58S:127:59E, h148km, mb4.3/10, Error ellipse: s-maj=7.4km s-min=5.4km az=52.0

DJA 20 16:48:55.0:5.8:5.8:172.9E, h92km, mb4km, MA 7/12, mB5.3/2, mb4.8/6, MLV4.7/12, Mw(MB)4.7/2

ISC 20 16:48:57.3:0.5:7.72S:0.06:127.68E:0.06, h162km, n71, o130/73, mb4.0/23, Banda Sea

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

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

TRN 20 17:04:58.9:18:76N:64:25W, h32km, ISCJB 20 17:04:59.8:2.1:18.9N:0.2:64:24W:0.05, h35km, 29km, Error ellipse: s-maj=27.7km s-min=5.0km az=11.6

RSRP 20 17:05:01.5:18:87N:64:25W, h24km, 29km, MD3.6/11, NEIC 20 17:05:01.5:18:87N:64:25W, h24km, MD3.6(RSPR), After RSPR

NEIC Felt on Tortola, ISC 20 17:04:58.0:2.7:18.9N:0.1:64:24W:0.04, h18km, 10km, n42, o74/74, 34D, Virgin Islands

Main table of station data for the 976 period, including codes like STVI, STVI, STVI, etc., and station names like Saint Thomas, etc.

TRN 20 17:04:58.9:18:76N:64:25W, h32km, ISCJB 20 17:04:59.8:2.1:18.9N:0.2:64:24W:0.05, h35km, 29km, Error ellipse: s-maj=27.7km s-min=5.0km az=11.6

RSRP 20 17:05:01.5:18:87N:64:25W, h24km, 29km, MD3.6/11, NEIC 20 17:05:01.5:18:87N:64:25W, h24km, MD3.6(RSPR), After RSPR

NEIC Felt on Tortola, ISC 20 17:04:58.0:2.7:18.9N:0.1:64:24W:0.04, h18km, 10km, n42, o74/74, 34D, Virgin Islands

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SMRT St. Maarten, SABA Saba, HUMP Col San Antoni, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HOPE Hope Point, VNA1 Neumayer-Stat, VNA2 Neumayer Olymp, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PDAR Pinedale Array, ULM Lac du Bonnet, C27A Saylor Ranch, etc.

1DC 20 17:27:38.5:3.2, 2.88S:134.01E, h0km, mb3.3/2, mb1 3.6/3, mb1mx3.3/2, mbtmp3.4/3, ML3.1/1, Error ellipse: s-maj=154.8km s-min=30.5km az=77.0

HOPE Hope Point 7.60 304 Op Pn 17 05 22.4 -0.3

PDAR Pinedale Array 122.56 300 PKP PKPdf 17 56 31.4 -0.8

1DC 20 17:27:42.1:1.0, 2.83S:105.134:05E:0.09, h24km, n7, 1552/11, Irian Jaya region

HO102 ASCENSION HYDR50.64 14 T 17 41 10.8

PDAR Pinedale Array 122.56 300 PKP PKPdf 17 56 31.4 -0.8

1DC 20 17:36:55.4:3.8, 19.85S:70.99W, h0km, mb3.5/2, mb1 3.8/4, mb1mx3.5/2, mbtmp3.5/4, ML3.3/2, Error ellipse: s-maj=90.8km s-min=34.3km az=161.0

HO103 ASCENSION HYDR50.65 14 T 17 41 13.9

PDAR Pinedale Array 122.56 300 PKP PKPdf 17 56 31.4 -0.8

1DC 20 17:37:00.5:0.4, 19.09S:70.68W, h40km, 3km, ML3.6

HO104 ASCENSION HYDR51.76 14 T 17 42 38.6

PDAR Pinedale Array 122.56 300 PKP PKPdf 17 56 31.4 -0.8

1DC 20 17:37:39.3:0.3, 58.98S:25.86W, h10km, mb5.0/14, Error ellipse: s-maj=11.9km s-min=8.3km az=222.0

HO105 ASCENSION HYDR50.66 14 T 17 41 14.0

PDAR Pinedale Array 122.56 300 PKP PKPdf 17 56 31.4 -0.8

1DC 20 17:37:45.0:4.3, 59.02S:25.74W, h63km, 37km, mb4.6/12, mb1 4.6/12, mb1mx4.4/21, mbtmp4.8/12, MS4.0/15, Ms1 3.9/15, ms1mx3.8/28, Error ellipse: s-maj=16.9km s-min=14.6km az=50.0

HO106 ASCENSION HYDR51.77 14 T 17 42 36.6

PDAR Pinedale Array 122.56 300 PKP PKPdf 17 56 31.4 -0.8

1DC 20 17:37:39.6:0.3, 58.98S:25.70W, h24km, mb5.4/10, MS5.1/7, MS7.4/8/9

HO107 ASCENSION HYDR51.76 14 T 17 42 35.2

PDAR Pinedale Array 122.56 300 PKP PKPdf 17 56 31.4 -0.8

1DC 20 17:37:41.2:0.3, 59.01S:0.08:25.69W:0.08, h35km, n124, 1552/121, mb5.0/26, MS4.0/18, 1C-1D, South Sandwich Islands region

HO108 ASCENSION HYDR51.77 14 T 17 42 36.6

PDAR Pinedale Array 122.56 300 PKP PKPdf 17 56 31.4 -0.8

WEL 20 17:42:36.2:0.7, 46.79S:165.63E, h12km, ML4.0/10, 3C-3D, Error ellipse: s-maj=6.8km s-min=3.3km az=90.0, Off west coast of South Island

20d 17h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like NVS Novosibirsk, MA2 Magadan, HOQ Hoqain, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like LSZ comp=Z,12nm,0.7s, LPSR Galich'ya Gora, BOSA Boshof, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like E27A Carson, J25A Sunshine Ranch, H26A Fairpoint, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like JuntasAbangare, SAML Samuel, SJAC San Juan de Ar, etc.

SJA 20 17:57:00.3:0.5,21.25S:66.30W,h261km,8km,ML3.3, MW3.7

SCB 20 17:57:01.5:0.6,20.91S:66.06W,h268km,ML3.6/2, Error ellipse: s-maj=7.4, 1km s-min=13.2km az=64.0

ISCJB 20 17:57:02.4:0.4,21.37S:66.06W,h268km,8km,ML3.3, mb3.4/4, Error ellipse: s-maj=7.5km s-min=4.7km az=38.1

GUC 20 17:57:03.0:0.5,21.41S:67.24W,h282km,13km,ML4.5

IDC 20 17:57:04.8:1.4,21.24S:66.50W,h293km,13km,mb3.2/4, mb1 3.3/9, mb1mx3.2/36, mbtmp3.7/9, Error ellipse: s-maj=17.0km s-min=13.6km az=71.0

ISC 20 17:57:02.9:0.7,21.38S:65.66W,h270.0:05,h227km,7km,n30,+1922/44,mb3.2/4,1C,Sonora Bolivia

Main table of station data for the left column, including codes like HJA, HUA, HUC, etc., and station names like Humahuaca, IPOC Station P, etc.

11C-10D, Error ellipse: s-maj=1.0km s-min=0.7km az=90.0, North Island

Main table of station data for the middle column, including codes like SNGZ, WHHZ, RAHZ, etc., and station names like Shannon Statio, Waihua, Araihi, etc.

Table of station data for the top right column, including codes like TUL1, U3A4, U3A4, etc., and station names like Anderson Ranch, Olney, Lakeview Retre, etc.

IDC 20 18:28:12.6:1.0,5.79S:130.31E,h0km,mb3.9/8, mb1 4.3/11, mb1mx4.0/39, mbtmp4.1/11, ML4.7/3, Error ellipse: s-maj=43.5km s-min=19.4km az=70.0

NEIC 20 18:28:25.4:1.5,6.22S:130.20E,h123km,17km,mb4.5/2, Error ellipse: s-maj=17.8km s-min=10.4km az=82.0

ISCJB 20 18:28:26.7:0.4,6.22S:130.03E,h150km,mb3.8/7, Error ellipse: s-maj=5.2km s-min=4.3km az=173.8

DJA 20 18:28:29.2:0.4,6.52S:131.0E,h148km,7km,ML6.1/3, mb4.7/7, mb5.1/4, ML4.6/13, Mw(mB)4.5/4

ISC 20 18:28:28.2:0.7,6.19S:102.40E,h150km,n30,+2510/37,mb3.9/7,Banda Sea

Main table of station data for the right column, including codes like BNDI, SAUI, MSAI, etc., and station names like Bandanaria, Saumlaki, Masohi, etc.

WEL 20 18:14:10.0:0.1,38.94S:177.35E,h38km,2km,ML3.5/6,

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like QIZ, PP, AAK, and ARVC.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like AAK, D25A, TARA, KZA, and ARVC.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like D27A, MPMC, TPNV, and ARVC.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Black Hills, Pasadena Art C, Marysville, Mount Wilson, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Fines, TPC Belle Mtn, PFO Pinyon Flats, etc.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like D36A Goodland, I31A Royce, WUAZ Wupatki, etc.

Table with columns for station call letters, frequency, and signal strength. Includes stations like MICGM, MNSK, 319A, KBL, T30A, STAV, M38A, S31A, NDI, MRSI, U29A, N37A, PHET, JFWS, JFWS, JFWS, BHGR, P35A, R33A, O36A, S32A, Q34A, KSU1, KSU1, HOMB, HOMB, HOMB, T31A, SNART, SNART, N38A, P36A, O37A, R34A, T32A, Q35A, N39A, S33A, SANI, U31A, KUDL, KUDL, Q36A, O38A, P37A, MSAI, GLMI, GLMI, VLDQ, VLDQ, HNR, HNR, HNR, HNR, T33A, AMTX, AMTX, AMTX, R35A, LUWI, LUWI.

Table with columns for station call letters, frequency, and signal strength. Includes stations like LUWI, S34A, MSTX, MSTX, U32A, O39A, P38A, CPXR, R36A, APSI, SUW, SUW, SUW, SUW, SUW, Q37A, NLA1, AAI, S35A, T34A, U33A, MNTX, MNTX, MNTX, O40A, BNDI, R37A, V32A, P39A, Q38A, S36A, U34A, U34A, Q39A, T35A, V33A, P40A, W32A, COP, COP, COP, COP, PCI, PMG, PMG, PMG, PMG, S37A, BSD, BSD, BSD, BSD, T36A, R38A, MCD, U35A, V34A, V34A, V34A, HDIL, HDIL, HDIL, W33A, Q40A, MDO, SBUM, SBUM, SBUM, R39A, GEYT, GEYT, GEYT, T37A, X32A, WMOK, WMOK, WMOK, WMOK, S38A, W34A, W34A.

Table with columns for station call letters, frequency, and signal strength. Includes stations like W34A, V35A, KSB, U36A, AKASG, AKASG, AKASG, AKBB, AKBB, AKBB, AKBB, KIEV, KIEV, KIEV, KIEV, KIEV, AK11, S39A, X33A, R40A, T38A, RGN, RGN, U37A, GOF, GOF, TUL1, TUL1, TUL1, SADO, SADO, V36A, X34A, W35A, Y33A, S40A, U38A, T39A, AAM, AAM, AAM, V37A, SFIN, SFIN, SFIN, W36A, SLM, SLM, SLM, SLM, BKB, PLVO, PLVO, PLVO, T40A, Y34A, HHAR, HHAR, Z33A, X35A, X35A, ABTX, ABTX, ABTX, V38A, U39A, LMQ, LMQ, W37B, X36A, BEL, BEL, BEL, BEL, TTSI, PGBU, PGBU, MMSI, Z34A, Y35A, KIV, KIV, KIV.

20d 21h

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Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like KIV, KISLOVODSK, CHL, etc.

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like MIAR, WHAR, PARMO, etc.

Table with columns: Station, Frequency, Power, Modulation, and other technical details. Includes stations like CLL, WJAR, WLMR, etc.

Table with columns for station ID, call letters, frequency, power, and signal strength. Includes stations like 435B Jarrell, ACCN Adirondack Com, and 139A Bunkhouse Ranc.

Table with columns for station ID, call letters, frequency, power, and signal strength. Includes stations like SRSP Sriramsagar, PRU Pruhonice, and GOPC GO Pecny, Ondr.

Table with columns for station ID, call letters, frequency, power, and signal strength. Includes stations like HRV comp=Z,130nm,1.0s, MONM Monmouth, and 637A Eagle Lake.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like MMB, SKO, KKB, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like GERES, RETA, ASF, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like YOPC, NORCA, CHINGAZA, etc.

20d 23h

distances are expressed in km
CSEM 20 22:32:38.7, 0.5, 35; 46N; 28.15E, h15km, ML2.7, Error ellipse: s-maj=12.1km s-min=5.1km az=153.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Karpathos, Fethiye, Nisyros Isl., Kas, Turunc, Yerkesik, Zakros, Kayabasi, Bodrum, Golhisar, Neapolis, Tasoluk, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Lan-yu, Hengchun, Taimali, Fangliang, Pinlang, Sandimen, Lidau, Yuli, Nanshi, Taishan, Alishan, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Elazig, Urfa, Pertek, Diyarbakir.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Diyarbakir, Akcadag, Erzincan, Mazidag.

ISCJB 20 23:23:02.2, 0.6, 5; 62S; 0.05; 146.0E; 0.1, h69km, mb4.0/10, Error ellipse: s-maj=15.8km s-min=6.6km az=178.6

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Port Moresby, Corum, Coen, Charters Tower, Tennant Creek.

WRA Warramunga Arr 18.29 218 P 23 27 10.8 -1.5
ASAR Alice Springs 21.47 212 P 23 27 45.6 -1.2

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Matsushiro, Enshi, Ussuriysk Ar., Hallar, Lasa, Magadan, McKinley, Eielson Array, Torodi Arr, Ninganchi, Dibic.

GUC 20 23:23:13.5, 0.4, 37; 15S; 73.54W, h14km, 2km, ML4.4
IDC 20 23:23:13.0, 1.1, 36; 76S; 73.52W, h0km, mb3.9/8, mb1.4/1.0, mb1mx3.9/3.3, mbtmp3.9/10, M4.0/2, MS4.2/1, Ms1.4/2.1, ms1mx3.7/2.0, Error ellipse: s-maj=31.8km s-min=18.9km az=66.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like San Pedro de C, Chillan, Cavihuae, Paso Flores, Uspallata, Leoncito, Cerro Valdivia, Cerro Villicura, Mogna, Valle Fertil, Chepe, GUANDACOL, Torquist, La Cruz, Villa Florida, La Paz, San Ignacio, SIV, Brasilia, Norcasia, Rusc, Santa Helena, Santo Domingo, Lajitas Array, Dimbokro, Mina Array, Torodi Arr, Borovoye Array, Zalesovo Ben, Makanchi Array, Minchuan.

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ISK 20 23:24:05.1, 39; 03N; 33; 87E, h8km, MD2.6
ISC 20 23:24:05.5, 1, 39.03N; 0.02; 33.86E; 0.03, h7km, 10km, n19, c0548/34, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Sere, Kaman, Cicekdag, Gulagac, Bala, Bala, Nevsehir-Avano, Nevsehir-Avano, Sultanhani-AKS, Sultanhani-AKS, Yozgat, Yozgat, Corum, Corum, Corum-Alaca.

ISCJB 20 23:33:42.7, 0.4, 24; 10N; 0.02; 121; 38E; 0.02, h76km, 3km, Error ellipse: s-maj=3.9km s-min=2.2km az=136.1

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Hehuan Shan, Chiawan, Tachien, Hualien, Shoufeng Towns, Shilin, Nan Shan, Nanu, Sun Moon Lake, Yuchr, Sanguang, Hungye, Liyutan, Nanjuang, Yuli, Taichung, Sanyi, Minjian, Suao, Neicheng, Yu-Shan, Yushan, Yuli, Alishan, Hsinchu, Tsauling, Gukung, National Center, National Center, Yu-Shan, Yuli, Alishan, Hsinchu, Tsauling, Gukung, National Center, National Center, Yu-Shan, Yuli, Alishan, Hsinchu, Minshiang.

21d 0h

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Table with columns for station name, frequency, polarization, and various signal strength and quality metrics. Includes stations like PVO Paravola, EPF Epfalia, and THAL Thalerio.

NEIC 21 00:24:25.2, 32.16N, 115.28W, h6km, ML2.9 (ECX), After ECX.

ECX 21 00:24:25.2, 0.4, 32.16N, 115.28W, h6km, MD2.7, ML2.9, 4C-6D, California-Baja California border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Mexicali, Cerro Prieto, Westside Schoo, etc.

IDC 21 00:32:56.2, 2.1, 18.05S, 167.47E, h0km, mb3.8/6, mb1.4/0.7, mb1mx3.8/33, mbtmp3.9/7, ML4.9/2, Error ellipse: s-maj=41.9km s-min=25.9km az=62.0

ISCJB 21 00:32:57.4, 0.5, 18.05S, 0.06, 167.48E, h0.8, h23km, mb4.2/12, Error ellipse: s-maj=10.7km s-min=7.8km az=17.8

NEIC 21 00:33:01.6, 1.1, 18.06S, 167.54E, h4km, 11km, mb4.3/7, Error ellipse: s-maj=9.4km s-min=7.9km az=150.0

ISC 21 00:32:59.5, 0.6, 18.06S, 0.07, 167.53E, 0.09, h23km, n20, 0.670/21, mb4.2/12, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like DZM, DZM, HNR, HNR, etc.

TAP 21 00:33:48.1, 24.43N, 122.14E, h16km, ML2.4, C, Taiwan region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like TWC, TWC, ENA, ENA, etc.

IDC 21 00:34:05.0, 9.24, 92N, 123.91E, h0km, mb3.6/10, mb1.3/8/11, mb1mx3.7/42, mbtmp3.6/11, ML3.8/1, Error ellipse: s-maj=28.7km s-min=19.7km az=78.0

JMA 21 00:34:06.0, 0.3, 24.96N, 123.96E, h1km, 3km, M3.8, ISCJB 21 00:34:08.1, 0.6, 24.93N, 0.04, 123.93E, 0.02, h23km, 5km, mb4.0/25, Error ellipse: s-maj=6.8km s-min=3.2km az=165.1

NEIC 21 00:34:11.8, 0.5, 24.89N, 123.84E, h41km, 5km, mb4.2/17, Error ellipse: s-maj=7.1km s-min=4.7km az=139.0

ISC 21 00:34:07.8, 1.3, 24.87N, 0.04, 123.93E, 0.03, h14km, 8km, n55, 0.691/66, mb4.0/24, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like IJSG, IJSG, JUJ, JUJ.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like IRI, IRI, JKRS, JKRS, etc.

DHMR 21 00:39:34.8, 2.1, 11.85N, 44.24E, h3km, 9km, ML4.2, ISCJB 21 00:39:36.9, 0.6, 11.81N, 0.05, 44.36E, 0.06, h4km, n55, mb3.7/9, MS3.7/2, Error ellipse: s-maj=8.4km s-min=5.8km az=30.0

IDC 21 00:39:38.3, 1.4, 11.80N, 44.26E, h0km, mb3.8/9, mb1.3/9/10, mb1mx3.7/31, mbtmp3.8/10, ML3.5/1, MS3.6/3, Ms1.3/6/3, ms1mx3.2/32, Error ellipse: s-maj=34.5km s-min=23.8km az=172.0

ISC 21 00:39:38.3, 0.7, 11.84N, 0.06, 44.26E, 0.06, h4km, n20, 0.250/25, mb3.9/9, Western Gulf of Aden

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like ADEN, ADEN, UJY, UJY, etc.

ISCJB 21 00:42:03.9, 0.6, 18.3S, 0.1, 178.00W, 0.10, h600km, mb3.9/16, Error ellipse: s-maj=19.7km s-min=8.2km az=149.7

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like AFI, AFI, AFM, AFM, etc.

ATH 21 00:47:33.7, 7.55N, 19.55E, h4km, 2km, ML3.2/6, Error ellipse: s-maj=5.1km s-min=2.0km az=64.0, Analyst: A.FOKAEFS ML Amplitudes are expressed in micrometres All distances are expressed in km

ISCJB 21 00:47:35.9, 1.0, 37.65N, 0.04, 19.59E, 0.04, h4km, 8km, mb3.5/5, Error ellipse: s-maj=7.2km s-min=4.4km az=24.3

IDC 21 00:47:36.5, 1.5, 37.76N, 19.94E, h0km, mb3.5/5, mb1.3/6/6, mb1mx3.4/33, mbtmp3.5/6, ML3.4/1, MS3.2/1, Ms1.3/1/1, ms1mx2.6/27, Error ellipse: s-maj=35.3km s-min=24.8km az=100.0

CSEM 21 00:47:37.2, 0.3, 37.63N, 19.69E, h2km, ML2.9, Error ellipse: s-maj=7.0km s-min=4.0km az=32.0

THE 21 00:47:38.0, 37.67N, 19.72E, h0km, 2km, ML2.9, Error ellipse: s-maj=3.6km s-min=2.6km az=234.0

ISC 21 00:47:36.8, 1.6, 37.66N, 0.04, 19.68E, 0.05, h10km, 9km, n95, 0.125/126, mb3.5/5, Ionian Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like VLS, VLS, VLS, VLS, etc.

21d 1h

Table with columns: RLS, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like RLS 889um,0.5s, RLS 690um,0.6s, RLS 690um,0.6s, etc.

ISCJB 21 01:00:52.46±0.4, 49.82N±0.03, 18.44E±0.03, h0km, Error ellipse: s-maj=4.4km s-min=2.2km az=15.2

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like OKC Ostrava-Krasne, OKC Ostrava-Krasne, etc.

2011 FEB

Table with columns: OKC, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like OKC Ostrava-Krasne, MORAC Raciborz, MORAC Moravsky Berou, etc.

DHMR 21 01:00:53.8±0.2, 12.17N±0.04, 23E, h3km±19km, ML4.0, ISC 21 01:00:58.0±0.1, 12.32N±0.06, 44.34E±0.07, h11km±16km, n7, e1928/14, Western Arabian Peninsula

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like ADEN Aden, ADEN Aden, ADEN Aden, etc.

ISC 21 01:01:59.4±0.8, 26.7N±0.1, 143.85E±0.09, h10km, mb3.5/9, MS3.2/1, Error ellipse: s-maj=19.4km s-min=10.8km az=15.3

ISC 21 01:02:01.0±0.1, 26.8N±0.2, 143.8E±0.1, h10km, n11, e077/10, mb3.7/9, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like JCJ Chichijima, JCJ Chichijima, JCJ Chichijima, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like ADEN Aden, ADEN Aden, ADEN Aden, etc.

1008

Table with columns: ADEN, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like ADEN comp=E,2um,0.9s, UDYU AI Udayan, UDYU AI Udayan, etc.

ADC 21 01:11:16.0±10.0, 12.83S±166.79E, h226km±116km, mb2.9/3, mb1 3.2/4, mb1mx3.0/32, mbtmp3.6/4, Error ellipse: s-maj=112.6km s-min=30.1km az=160.0, Santa Cruz Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like DZM Mont Dzumac, WRA Warrungarra Arr, ASAR Alice Springs, etc.

ISC 21 01:31:34.2±0.6, 10.48N±84.82W, h56km±6km, mb4.0/23, mb1 4.2/25, mb1mx4.1/42, mbtmp4.3/25, MS3.5/10, Ms1 3.5/10, ms1mx3.3/30, Error ellipse: s-maj=16.4km s-min=10.7km az=61.0

ISC 21 01:31:36.0±1.4, 10.26N±84.89W, h58km±6km, MD4.7, ML4.3, mb4.7(NEIC)

NEIC 21 01:31:36.5±0.4, 10.27N±84.87W, h74km±4km, mb4.7/91, MW4.6, MD4.8(HDC), Error ellipse: s-maj=6.2km s-min=3.3km az=207.0 Best double couple: NP1: e1=111.00000°, i1=85.00000°, a2=0.00000°, e2=89.00000°, i2=135.00000°, p1=0.00000°, p2=0.82000°, Plg1=3.00000°, Azm326.00000°, N 0.30000, Plg45.00000°, Azm199.00000°, P -1.1200, Plg29.00000°, Azm75.00000°

NEIC Felt [IV] at Atenas, Miramar, Nicoya and San Ramon; [III] at Alajuela, Curridabat, Escazu, Grecia, Naranjo and San Jose; [II] at Desamparados, Heredia, Jaco, Puntarenas, San Rafael, Santa Ana and Tilaran. Felt in Alajuela, Guanacaste, southern Heredia, Puntarenas and San Jose.

BUI 21 01:31:37.4, 10.30N±84.90W, h71km, mb5.3/1, Ms5.2/2, Ms7.4/8.1

ISC 21 01:31:35.5±0.6, 10.29N±0.05, 84.88W±0.05, h66km±4km, n566, e092/580, mb4.6/110, 5C-1D, Costa Rica

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like JTS JuntasAbangare, JTS JuntasAbangare, JTS JuntasAbangare, etc.

NET Serv Nac Est T 5.43 309 ePn AML Pn 01 32 56.7 +1.6

NET Serv Nac Est T 5.43 309 ePn AML Pn 01 32 56.7 +1.6

NET Serv Nac Est T 5.43 309 ePn AML Pn 01 32 56.7 +1.6

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NET Serv Nac Est T 5.43 309 ePn AML Pn 01 32 56.7 +1.6

NET Serv Nac Est T 5.43 309 ePn AML Pn 01 32 56.7 +1.6

ICMP	Isa Caja de M	19.33	65	eP	Pn	01 35 56.8 -0.5
CJLP	Cerrillos	19.35	64	eP	P	01 35 56.4 +0.6
SELG	San Juan	19.74	65	P	P	01 35 59.8 -0.3
SJG	comp=Z,1.3nm,0.3s,baz=288,slow=7.1,SNR=5.7			LR	01 44 27.1	
SJG	comp=Z,62nm,18.7s,baz=323,slow=59			LR		
HUMP	Col San Antoni	20.02	65	eP	Pn	01 36 04.7 -0.7
035Z	Hargill	20.35	324	P	P	01 36 07.3 +0.7
936A	North Padre Is	20.67	327	P	P	01 36 11.1 +1.0
035A	Encino	20.73	325	P	P	01 36 11.7 +0.9
738A	Farr-Stevens R	21.03	333	P	P	01 36 15.0 +1.0
TIGA	Trifon	21.08	3	P	P	01 36 15.8 +1.3
TIGA	Trifon	21.08	3	eP	P	01 36 16.1 +1.7
034A	Hebbronville	21.16	324	P	P	01 36 16.1 +0.7
737A	Port Lavaca	21.33	331	P	P	01 36 18.2 +1.1
934A	Benavides	21.48	325	P	P	01 36 19.6 +0.9
540A	Vidor	21.56	338	P	P	01 36 20.7 +1.2
835A	Beeville	21.64	328	P	P	01 36 21.4 +0.9
539A	Cross D Ranch,	21.75	336	P	P	01 36 22.6 +1.0
736A	Circle Diamond	21.80	330	P	P	01 36 23.1 +1.0
637A	Eagle Lake	21.85	332	P	P	01 36 23.7 +1.0
834A	Tilden	21.90	326	P	P	01 36 24.3 +1.0
933A	Laredo	21.92	324	P	P	01 36 24.4 +0.9
440A	Kirbyville	22.04	339	P	P	01 36 25.9 +1.2
735A	Kenedy	22.09	329	P	P	01 36 26.2 +0.9
538A	Harpers Horsep	22.16	335	P	P	01 36 27.2 +1.1
636A	Smothers Creek	22.23	331	P	P	01 36 27.8 +1.1
439A	Center Grove,	22.38	337	P	P	01 36 29.5 +1.1
537A	Green Hill Far	22.39	333	P	P	01 36 28.8 +0.3
SEUS	St. Eustatius	22.42	69	eP	P	01 36 29.8 +0.8
VBMS	Vicksburg	22.43	347	P	P	01 36 29.7 +0.7
VBMS	Vicksburg	22.43	347	eP	P	01 36 30.1 +1.2
734A	La Parita Cree	22.47	327	P	P	01 36 29.4 -0.1
635A	Leesville	22.50	329	P	P	01 36 29.9 +0.2
833A	Chapparral WMA,	22.53	325	P	P	01 36 30.0 -0.1
438A	Sam Houston St	22.62	336	P	P	01 36 31.7 +0.8
340A	Bronson	22.62	340	P	P	01 36 31.8 +0.8
LRAL	Lakeview Retre	22.72	355	eP	P	01 36 32.9 +0.9
536A	Bastrop	22.73	332	P	P	01 36 32.4 +0.2
733A	Divot King Ran	22.77	326	P	P	01 36 32.7 +0.1
339A	Huntington	22.78	338	P	P	01 36 33.2 +0.6
634A	China Grove, S	22.79	328	P	P	01 36 33.1 +0.3
832A	Faith Ranch, C	22.83	342	P	P	01 36 33.5 +0.3
241A	Mo Tay, Goldon	22.87	342	P	P	01 36 33.9 +0.3
RGRS	Roger Stewart	22.92	10	eP	P	01 36 35.4 +1.3
535A	Dale	22.93	331	P	P	01 36 34.5 +0.3
437A	Phantom Ranch,	22.96	335	P	P	01 36 34.7 +0.2
GOGA	Godfrey	23.05	3	eP	P	01 36 35.5 +0.1
338A	Crockett	23.09	337	P	P	01 36 36.2 +0.4
240A	Hunter Patters	23.15	341	P	P	01 36 36.7 +0.4
436A	Wall Ranch, Ga	23.20	333	P	P	01 36 37.0 +0.2
GDHS	Morne Mazeau,	23.26	73	eP	P	01 36 38.0 +0.4
337A	Centerville	23.28	336	P	P	01 36 37.5 -0.1
633A	Saathoff Ranch	23.29	327	P	P	01 36 37.3 -0.4
239A	Gary	23.37	339	P	P	01 36 38.7 +0.3
534A	Blanco	23.38	329	P	P	01 36 38.2 -0.4
141A	Papa Simpson,	23.41	343	P	P	01 36 38.9 +0.1
ANWB	Willy Bob	23.57	69	eP	P	01 36 40.0 -0.3
238A	Jacksonville	23.59	338	P	P	01 36 41.0 +0.5
140A	Cam and Jess,	23.64	341	P	P	01 36 41.8 +0.8
533A	Kerrville	23.70	328	P	P	01 36 41.5 0.0
336A	Riesel	23.75	334	P	P	01 36 42.2 +0.3
237A	Washetta, Mont	23.85	337	P	P	01 36 43.0 +0.2
335A	Moody	23.91	333	P	P	01 36 43.5 +0.1
434A	Burnet	23.91	331	P	P	01 36 43.1 -0.4
139A	Bunkhouse Farm	23.95	340	P	P	01 36 43.8 +0.2
JSC	Jenkinsville	24.11	7	eP	P	01 36 46.0 +0.9
236A	Katherine and	24.14	335	P	P	01 36 45.4 -0.1
240A	Long Farm, Mag	24.16	342	P	P	01 36 45.9 +0.2
138A	Matatal Enter	24.17	339	P	P	01 36 46.1 +0.4
433A	Art	24.27	329	P	P	01 36 46.1 -0.5
334A	Lometa	24.33	331	P	P	01 36 46.7 -0.5
CCAR	Cane Creek	24.35	346	eP	P	01 36 48.0 +0.7
137A	Heron Place, G	24.36	337	P	P	01 36 47.2 -0.2
JCT	Junction City	24.42	327	P	P	01 36 48.2 +0.1
JCT	Junction City	24.42	327	eP	P	01 36 48.5 +0.4
OXF	Oxford	24.46	351	eP	P	01 36 47.8 -0.5
WLAR	White Oak Lake	24.48	343	eP	P	01 36 49.9 +1.4
WHTX	Lake Whitney,	24.53	334	P	P	01 36 49.1 +0.2
WHTX	Lake Whitney,	24.53	334	eP	P	01 36 49.4 +0.4
136A	Ennis	24.56	336	P	P	01 36 49.1 -0.1
Z38A	Mt. Pleasant	24.67	339	P	P	01 36 49.9 -0.4
333A	Richland Sprin	24.68	330	P	P	01 36 49.8 -0.6
SWET	Sewanee	24.83	358	eP	P	01 36 52.8 +1.1
Y40A	Okolona	24.84	343	P	P	01 36 52.1 +0.4
234A	Clairette	24.84	332	P	P	01 36 51.9 0.0
Z37A	Pogue Cattle C	24.85	338	P	P	01 36 52.6 +0.8

baz=154						
KMSC	Kings Mountain	24.95	7	P	P	01 36 53.7 +1.0
KMSC	Kings Mountain	24.95	7	eP	P	01 36 53.9 +1.1
135A	Vickers Place,	24.99	334	P	P	01 36 57.1 +0.5
Y39A	Lockesburg	25.01	342	P	P	01 36 54.0 +0.7
CPCT	Cooper Creek	25.05	1	eP	P	01 36 55.2 +1.5
X40A	Basin Cave Fa	25.16	344	P	P	01 36 55.1 +0.4
Y38A	Idabel	25.20	340	P	P	01 36 55.7 +0.6
Z33A	Rising Star	25.21	331	P	P	01 36 55.6 +0.4
Z36A	Blue Ridge	25.22	327	P	P	01 36 56.0 +0.8
TKL	Tuckaleechee C	25.27	2	P	P	01 36 55.0 -0.7
TKL	comp=Z,1.6nm,0.9s,baz=176,slow=11,SNR=12			LR	01 47 42.1	
TKL	comp=Z,1.22nm,18.1s,baz=228,slow=39			LR		
TKL	White-Moore Ra	25.30	333	P	P	01 36 56.6 +0.9
MIAR	Mount Ida	25.42	343	P	P	01 36 57.5 +0.5
MIAR	Mount Ida	25.42	343	eP	P	01 36 56.6 -0.5
X39A	Fountain Ranch	25.54	342	P	P	01 36 58.7 +0.5
Y37A	Hugo	25.55	339	P	P	01 36 58.1 -0.1
Z35A	Perchaven, S	25.60	335	P	P	01 36 58.9 +0.2
CNNC	Cliffs of the	25.64	13	eP	P	01 36 59.8 +0.8
HBAR	Harrisburg	25.69	349	eP	P	01 37 00.0 +0.5
133A	Hamilton Ranch	25.71	332	P	P	01 36 60.0 +0.2
Y36A	Durant	25.72	338	P	P	01 36 59.8 0.0
WHAR	Woolly Hollow	25.79	346	eP	P	01 37 00.4 +0.1
TXAR	Lajitas Array	25.84	320	P	P	01 37 00.5 -0.5
TXAR	comp=Z,5.5nm,0.3s,baz=142,slow=11,SNR=112			PcP	01 40 29.0 0.0	
TXAR	comp=Z,0.7nm,0.8s,baz=152,slow=4.1,SNR=4.7			ScP	01 44 03.2 +0.2	
TX31	Lajitas Ar. Si	25.84	320	eP	P	01 37 00.9 -1.1
W40A	Ferguson Farm,	25.89	345	P	P	01 37 01.2 0.0
Z34A	Collier Ranch,	25.91	334	P	P	01 37 00.9 -0.6
X38A	Whitesboro	25.91	341	P	P	01 37 01.6 +0.1
Y35A	Marietta	26.02	336	P	P	01 37 02.0 -0.4
X37A	Clayton	26.02	340	P	P	01 37 02.0 -0.5
ABTX	Abilene, Hawle	26.07	331	P	P	01 37 02.4 -0.6
ABTX	Abilene, Hawle	26.07	331	eP	P	01 37 03.5 +0.5
W39A	Magazine	26.09	343	P	P	01 37 02.6 -0.5
UTMT	University of	26.19	353	eP	P	01 37 05.1 +1.2
W38A	Poteau	26.19	342	P	P	01 37 03.6 -0.3
Z33A	Whitaker Ranch	26.21	333	P	P	01 37 03.6 -0.6
X36A	Centrahoma	26.34	338	P	P	01 37 04.6 -0.8
Y34A	Reagan Ranch,	26.35	335	P	P	01 37 05.2 -0.3
X35A	Drake	26.43	337	P	P	01 37 05.5 -0.7
W37B	Quinton	26.54	340	P	P	01 37 07.5 +0.3
PARMO	Panna	26.62	351	eP	P	01 37 08.2 +0.3
Y39A	Pettigrew	26.65	344	P	P	01 37 07.6 -0.6
Y33A	Hilltop Ranch,	26.76	334	P	P	01 37 08.6 -0.6
W36A	Wenka	26.81	339	P	P	01 37 09.5 -0.1
PBMO	Poplar Bluff	26.84	350	eP	P	01 37 09.5 -0.4
Y38A	comp=Z,1.1nm,0.7s			P	01 37 10.3 0.0	
U40A	Yellville	26.89	346	P	P	01 37 10.7 -1.0
X34A	Smith Ranch, M	26.94	336	P	P	01 37 09.9 -0.9
W35A	Tecumseh	27.06	338	P	P	01 37 11.2 -0.6
PTGA	Pitinga	27.10	112	P	P	01 37 13.5 +1.1
U39A	Green Forest	27.12	345	P	P	01 37 11.8 -0.6
V37A	Hulbert	27.13	342	P	P	01 37 12.1 -0.3
X33A	Lawton	27.16	335	P	P	01 37 12.1 -0.6
V36A	Jenks	27.30	340	P	P	01 37 13.6 -0.4
TUL1	Leonard	27.36	340	P	P	01 37 13.3 -1.3
X32A	Elmer	27.40	333	P	P	01 37 14.1 -0.8
U38A	Gravette	27.42	343	P	P	01 37 14.5 -0.6
WMOK	Wichita Mounta	27.45	335	eP	P	01 37 14.3 -1.1
W34A	Bridge Creek,	27.47	337	P	P	01 37 14.9 -0.7
W34A	Bridge Creek,	27.47	337	eP	P	01 37 14.8 -0.7
SIUC	Southern Ilin	27.58	353	eP	P	01 37 16.3 -0.2
V35A	Meyer Ranch, C	27.59	339	P	P	01 37 15.3 -1.3
U37A	Salina	27.60	342	P	P	01 37 15.4 -1.3
T40A	Mansfield	27.62	347	P	P	01 37 15.9 -0.9
W33A	Caddo, Fort Co	27.68	336	P	P	01 37 16.2 -1.2
T39A	Cleves	27.70	345	P	P	01 37 17.2 -0.4
U36A	Oologah	27.78	341	P	P	01 37 17.5 -0.8
WCI	Wyandotte Cave	27.85	358	eP	P	01 37 19.9 +1.0
V34A	Guthrie	27.90	338	eP	P	01 37 18.2 -1.1
V34A	Guthrie	27.90	338	eP	P	01 37 18.7 -0.7
T38A	Diamond	27.95	344	P	P	01 37 18.6 -1.2
W32A	Sentinel	27.98	334	P	P	01 37 18.8 -1.3
JSRW	J. Sargeant Re	28.07	12	eP	P	01 37 21.8 +1.6
S40A	Lebanon	28.04	347	P	P	01 37 19.7 -0.9
U35A	Pawnee	28.10	339	P	P	01 37 20.5 -0.6
V33A	Lossen Ranch,	28.18	336	P	P	01 37 21.3 -0.6
T37A	Cheneyville 18	28.21	343	P	P	01 37 20.9 -1.2
S39A	Bolivar	28.32	345	P	P	01 37 23.1 0.0
V32A	Arapaho	28.40	336	P	P	01 37 24.0 +0.1
S38A	Stockton	28.41	345	P	P	01 37 24.2 +0.4
T36A	Boys Farm, Ca	28.44	341	P	P	01 37 24.0 -0.1
U34A	Anderson Ranch	28.44	338	P	P	01 37 24.2 0.0
OLIL	Oiney	28.47	355	eP	P	01 37 25.5 +1.2
T35A	Sooner Centre	28.52	340	P	P	01 37 24.9 0.0
MNTX	Cornudas Mount	28.53	321	eP	P	01 37 26.1 +1.0

CBN	Corbin Frederi	28.60	12	eP	P	01 37 23.9 -1.6
SLM	Saint Louis	28.63	351	eP	P	01 37 26.1 +0.3
U33A	Lingo Farm, Me	28.65	337	P	P	01 37 26.6 +0.5
R40A	Maddies Statio	28.66	348	P	P	01 37 26.2 +0.2
MSTX	Muleshoe	28.71	328	P	P	01 37 26.7 0.0
MSTX	Muleshoe	28.71				

21d 1h

O33A	Hebron	31.74 334	P	P	01 37 53.4 +0.1
R28A	Tribune	31.79 334	P	P	01 37 53.7 -0.2
P31A	Stockton	31.85 338	P	P	01 37 54.0 -0.3
M38A	Pleasantville	31.86 348	P	P	01 37 54.0 -0.3
N35A	Tabor	31.90 344	P	P	01 37 54.8 +0.1
Q29A	Oakley	31.91 336	P	P	01 37 54.1 -0.8
ERPA	Erie	31.99 7 eP	P	P	01 37 56.2 +0.8
T25A	Trinidad	32.02 330	P	P	01 37 56.4 +0.4
T25A	Trinidad	32.02 330	eP	P	01 37 56.7 +0.6
M37A	Trindle Farm,	32.03 347	P	P	01 37 56.0 +0.2
N34A	Lincoln	32.11 343	P	P	01 37 57.3 +0.7
O32A	Brockman Farm,	32.13 341	P	P	01 37 57.1 +0.3
P30A	Selden	32.19 337	P	P	01 37 57.5 +0.2
M36A	Felix, Anita	32.25 346	P	P	01 37 58.1 +0.3
SCIA	State Center	32.33 348	eP	P	01 37 59.0 +0.5
O31A	Woolen Ranch,	32.39 339	P	P	01 37 59.7 +0.7
Q28A	Sharon Springs	32.41 335	P	P	01 37 59.5 +0.3
TUC	Tucson	32.43 316	eP	P	01 38 00.2 +0.6
M35A	Neola	32.48 345	P	P	01 38 00.3 +0.5
P29A	Atwood	32.50 337	P	P	01 38 00.5 +0.5
L38A	Oak Wood Farm,	32.51 349	P	P	01 38 00.3 +0.3
L37A	Phoenix Point,	32.65 348	P	P	01 38 02.1 +0.8
KSCO	Kaye Shedlock'	32.70 334	P	P	01 38 01.9 0.0
M34A	Aspy Farms, Fr	32.75 344	P	P	01 38 02.9 +0.7
P28A	Saint Francis	32.81 336	P	P	01 38 02.8 +0.1
JFWS	Jewell Farm	32.84 353	eP	P	01 38 03.6 +0.7
O29A	4D Ranch, Culi	32.90 337	P	P	01 38 04.0 +0.5
K38A	Parkersburg	32.96 349	P	P	01 38 03.6 -0.3
M33A	Taylor Creek F	32.99 343	P	P	01 38 05.1 +0.9
SDCO	Great Sand Dun	33.03 329	P	P	01 38 04.5 -0.4
SDCO	Great Sand Dun	33.03 329	eP	P	01 38 04.7 -0.3
L35A	Bielow Farm, R	33.05 345	P	P	01 38 04.9 +0.1
BGNE	Belgrade	33.13 342	P	P	01 38 05.9 +0.5
L34A	Svendsen Farm,	33.13 344	P	P	01 38 05.4 -0.1
N30A	Huettie Ranch,	33.23 339	P	P	01 38 06.2 -0.2
K37A	Belmond	33.24 348	P	P	01 38 06.2 -0.2
K36A	Gilmore City	33.29 347	P	P	01 38 07.1 +0.3
M31A	Lambrecht Ranc	33.33 341	P	P	01 38 07.3 +0.1
W18A	Petrified Fore	33.52 321	P	P	01 38 08.6 -0.6
K35A	Storm Lake	33.55 346	P	P	01 38 08.3 -0.8
L33A	Hoskins	33.56 343	P	P	01 38 09.6 +0.4
214A	Organ Pipe Nat	33.63 314	P	P	01 38 09.3 -0.7
N28A	Pribbeno Ranch	33.67 337	P	P	01 38 10.9 +0.6
S22A	4UR Ranch, Cre	33.72 328	P	P	01 38 11.0 +0.1
K34A	Le Mars	33.73 345	P	P	01 38 10.5 -0.2
J37A	Redenius Farm,	33.75 349	P	P	01 38 11.1 +0.3
M30A	Dale-Ortello V	33.81 340	P	P	01 38 11.5 +0.1
Q24A	Divide	33.81 331	P	P	01 38 11.6 -0.2
K33A	Hardington	33.89 344	P	P	01 38 12.0 -0.1
J36A	Seneca 1, Swea	33.93 348	P	P	01 38 11.5 -0.8
L31A	Butterfield Fa	34.04 341	P	P	01 38 13.4 +0.1
X16A	Lo Mia Camp, P	34.15 319	eP	P	01 38 15.2 +0.6
J35A	Milford	34.16 347	P	P	01 38 14.6 +0.3
K32A	Verdigre	34.22 343	P	P	01 38 15.5 +0.6
M28A	Bar X Bar Ranc	34.22 338	P	P	01 38 15.7 +0.7
MVCO	Mesa Verde	34.23 325	P	P	01 38 15.0 -0.4
MVCO	Mesa Verde	34.23 325	eP	P	01 38 15.4 +0.1
I38A	Scanlan Farm,	34.24 350	P	P	01 38 15.6 +0.5
J34A	George	34.26 346	P	P	01 38 15.3 +0.1
I37A	Lemond, Waseca	34.40 349	P	P	01 38 15.8 -0.7
GLMI	Graying	34.41 0 eP	P	P	01 38 17.1 +0.6
K31A	O'Neill	34.42 342	P	P	01 38 16.4 -0.3
I36A	Fitzsimmons Fa	34.52 348	P	P	01 38 17.0 -0.5
J33A	Davis	34.55 344	P	P	01 38 16.7 -1.0
I35A	Creekview Farm	34.57 347	P	P	01 38 17.1 -0.9
ISCO	Idaho Springs	34.69 331	eP	P	01 38 20.5 +1.1
SADO	Sadowa	34.71 7 P	P	P	01 38 17.8 -1.3
SADO	Sadowa	34.71 7 eP	P	P	01 38 20.2 +1.2
K30A	Basset	34.74 341	P	P	01 38 19.3 -0.1
ECSD	EROS Data Cent	34.84 345	P	P	01 38 18.8 -1.4
ECSD	EROS Data Cent	34.84 345	eP	P	01 38 18.2 -2.1
H37A	Dierke Farm, C	34.86 350	P	P	01 38 20.3 -0.1
SMCO	Snowmass	34.87 329	eP	P	01 38 21.3 +0.2
PV01	Paradox Valley	34.93 326	eP	P	01 38 22.3 +0.9
I34A	Hadley	34.95 346	P	P	01 38 21.3 +0.2
J31A	Geddes	35.02 342	P	P	01 38 22.1 +0.3
H36A	Jessenland, He	35.04 349	P	P	01 38 22.1 +0.1
K29A	Lazy Trails An	35.05 340	P	P	01 38 22.5 +0.4
PV05	Paradox Valley	35.28 326	eP	P	01 38 23.7 +0.2
J30A	Dallas	35.35 341	P	P	01 38 22.6 -1.5
H35A	Sunnyside Ranc	35.34 348	P	P	01 38 24.1 -0.4
PV10	Paradox Valley	35.36 326	eP	P	01 38 24.8 -0.4
K28A	Ten Mile Ranch	35.37 339	P	P	01 38 25.1 +0.2
SPMN	Marine on St.	35.47 350	P	P	01 38 25.2 -0.4
SPMN	Marine on St.	35.47 350	eP	P	01 38 24.6 -1.0
PV09	Paradox Valley	35.50 326	eP	P	01 38 27.1 +0.7
H34A	Spellman Lake,	35.52 347	P	P	01 38 25.6 -0.4
J29A	Okreek	35.62 341	P	P	01 38 26.6 -0.4

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GLA	Glamis	35.66 314	P	P	01 38 27.9 +0.4
GLA	Glamis	35.66 314	eP	P	01 38 27.4 -0.1
N23A	Red Feather La	35.71 332	P	P	01 38 28.0 -0.1
N23A	Red Feather La	35.71 332	eP	P	01 38 28.9 +0.8
H33A	Frehn Over Nor	35.76 345	P	P	01 38 27.4 -0.8
G35A	Watkins	35.77 348	P	P	01 38 28.2 0.0
H32A	Carlson Farm,	35.77 345	P	P	01 38 27.6 -0.7
I30A	Oacoma	35.80 342	P	P	01 38 28.1 -0.4
PHWY	Pilot Hill	35.82 333	eP	P	01 38 29.2 +0.2
Y12C	Blythe	35.83 315	P	P	01 38 28.3 -0.5
Y12C	Blythe	35.83 315	eP	P	01 38 29.7 +0.9
PDMOI	Parker Dam, Lak	35.87 316	P	P	01 38 29.8 +0.6
G34A	Benson	36.03 347	P	P	01 38 30.2 -0.3
J27A	Elkton Farm,	36.07 339	P	P	01 38 30.6 -0.3
W13A	Hualapai Mount	36.16 318	eP	P	01 38 32.8 +0.8
I29A	Vivian Onida	36.17 341	P	P	01 38 30.3 -1.3
G33A	Ortonville	36.17 346	P	P	01 38 30.4 -1.2
F36A	Milaca	36.21 350	P	P	01 38 30.4 -1.5
O20A	White River Ci	36.23 329	P	P	01 38 31.2 -1.3
O20A	White River Ci	36.23 329	eP	P	01 38 33.3 +0.8
F35A	Swanville	36.40 349	P	P	01 38 32.9 -0.7
G32A	Webster	36.49 345	P	P	01 38 33.4 -1.0
PKCU	Pink Cliffs	36.61 322	eP	P	01 38 37.1 +1.2
G31A	Conde	36.65 344	P	P	01 38 35.7 0.0
SRU	San Rafael Swe	36.70 326	eP	P	01 38 35.7 -0.8
F33A	5 Miller Ranch,	36.75 347	P	P	01 38 35.9 -0.6
I27A	Quinn	36.79 339	P	P	01 38 36.1 -0.9
E36A	McGregor	36.80 350	P	P	01 38 36.3 -0.7
G30A	Faulton	36.82 343	P	P	01 38 36.4 -0.8
J25A	Sunshine Ranch	36.86 337	P	P	01 38 37.7 +0.1
CMST	Little Creek M	36.91 321	eP	P	01 38 38.4 +0.2
Q16A	Castle Valley	36.93 325	eP	P	01 38 38.8 +0.4
LDFC	comp=Z,3.9nm,1.1s	36.97 317	eP	P	01 38 39.8 +1.0
E35A	Pequot Lakes	37.04 349	P	P	01 38 38.1 -0.9
P17A	Butcher Ranch,	37.08 326	eP	P	01 38 39.3 -0.4
PFO	Pinyon Flats O	37.11 314	eP	P	01 38 41.8 +1.8
E34A	Wadena	37.15 348	P	P	01 38 39.6 -0.3
109C	Camp Elliot, M	37.21 312	P	P	01 38 39.8 -0.8
TMUT	Trail Mountain	37.21 325	eP	P	01 38 41.4 +0.5
MS	Marysville	37.24 324	eP	P	01 38 41.0 0.1
CRV	Cary Ranch	37.29 313	eP	P	01 38 41.0 -0.4
D37A	Cotton	37.30 351	P	P	01 38 41.3 +0.1
H27A	Howes	37.30 340	P	P	01 38 40.6 -0.6
G28A	Parade	37.30 341	P	P	01 38 40.3 -1.0
E33A	Westby DABS, E	37.31 347	P	P	01 38 40.5 -0.8
I25A	Redford	37.36 337	P	P	01 38 42.0 0.0
K22A	Casper	37.38 333	P	P	01 38 41.8 -0.3
D36A	Goodland	37.43 351	P	P	01 38 41.9 -0.4
H26A	Fairpoint	37.53 339	P	P	01 38 42.9 -0.3
E31A	Nome	37.80 345	P	P	01 38 45.6 +0.1
SHPR	Sheep Range	37.83 319	eP	P	01 38 46.5 +0.5
D33A	AnnSam, Waubun	37.88 348	P	P	01 38 45.2 -1.0
G27A	Dupree	37.90 340	P	P	01 38 45.8 -0.6
C36A	Pine Crest Far	37.94 351	P	P	01 38 46.2 -0.4
F28A	McLaughlin	37.96 342	P	P	01 38 46.6 -0.2
G26A	Maurine	38.05 340	P	P	01 38 47.5 -0.2
C35A	Jirik Farms, M	38.07 350	P	P	01 38 46.1 -1.6
D32A	Dogwood Acres,	38.13 347	P	P	01 38 47.8 -0.4
C34A	RKJ Ranch, Bem	38.19 349	P	P	01 38 46.9 -1.8
VLDQ	Val d'Or	38.21 8 eP	P	P	01 38 49.8 +0.9
PSUT	Pine Spring	38.25 322	eP	P	01 38 52.0 +2.4
PSUT	PSUT	38.25 322	eS	P	01 44 41.2 +2.2
PSUT	Jordanelle	38.26 327	eP	P	01 38 50.2 +0.5
E29A	Napoleon	38.27 344	P	P	01 38 48.5 -0.9
RCJ	Ross Creek	38.29 327	eP	P	01 38 50.9 +1.0
C33A	Trail	38.36 348	P	P	01 38 49.6 -1.3
D30A	Buchanan	38.53 345	P	P	01 38 51.2 -0.4
F26A	Lodgepole	38.57 340	P	P	01 38 50.7 -1.3
E28A	Huff	38.58 342	P	P	01 38 51.2 -0.8
PASC	Pasadena Art C	38.63 313	eP	P	01 38 53.2 +0.6
E27A	Carlson	38.72 341	P	P	01 38 52.8 -0.4
TPNV	Topopah Spring	38.80 318	eP	P	01 38 55.6 +1.5
BW06	Boulder Array	38.87 331	eP	P	01 38 56.4 +1.6
PD31	Pinedale Array	38.87 331	eP	P	01 38 55.4 +0.6
PDAR	Pinedale Array	38.87 331	P	P	01 38 53.2 -1.5
PDAR	comp=Z,0.5nm,0.6s,baz=124,slow=10.0,SNR=6.0		ScP	P	01 44 46.1 -1.2
C31A	Landman Farms,	38.92 346	P	P	01 38 54.0 -0.9
B34A	Aery, Baudette	38.95 350	P	P	01 38 54.2 -0.8
AGMN	Agassiz Nation	38.99 348	eP	P	01 38 54.6 -0.8
AGMN	Agassiz Nation	38.99 348	eP	P	01 38 54.7 -0.7
C30A	Mose Pekin	39.02 345	P	P	01 38 54.9 -0.8
HWUT	Hardware Ranch	39.03 328	eP	P	01 38 55.4 -0.7
E26A	Carlson Angus	39.04 341	P	P	01 38 55.3 -0.6
D28A	Regan	39.11 343	P	P	01 38 56.6 +0.2
MPMC	Manual Prospec	39.13 316	P	P	01 38 57.8 +0.9
SNCC	San Nicolas Is	39.16 311	eP	P	01 38 57.5 +0.4
R11A	Troy Canyon, C	39.20 321	P	P	01 38 57.2 -0.3
R11A	Troy Canyon, C	39.20 321	eP	P	01 38 57.4 -0.1
B32A	Ashes, Strandg	39.22 348	P	P	01 38 56.3 -1.0

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D27A	Center	39.31 342	P	P	01 38 58.3 +0.2
E25A	Miller Ranch,	39.38 340	P	P	01 38 59.2 +0.4
MDND	Maddock	39.44 344	P	P	01 38 58.9 -0.3
MDND	Maddock	39.44 344	eP	P	01 38 59.2 +0.1
B31A	Greenbush Farm	39.49 347	P	P	01 38 59.0 -0.6
A33A	Warrad	39.51 349	P	P	01 38 58.9 -0.8
D26A	Manning	39.53 341	P	P	01 38 58.9 -1.1
C28A	Hausauer Farms	39.53 344	P	P	01 38 59.9 0.0
ISA	Isabella, Lake	39.59 315	eP	P	01 38 01.3 +0.6
AHID	Auburn Hatcher	39.62 329	eP	P	01 39 00.9 -0.2
B30A	Myrvik Farm, E	39.68 346	P	P	01 39 00.4 -0.7
A32A	Rocking H Ranc	39.71 348	P	P	01 39 00.4 -1.0
HVU	Hansel Valley	39.79 327	eP	P	01

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like NPS Neapolis, ANKY Antikythira Is, ZKR Zakros, etc.

MEX 21 02:39:21.9, 0.5, 14.93N:93.22W, h16km, 64km, MD3.6, Near coast of Chiapas. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

MAN 21 02:52:59, 7.88N:126.12E, h64km, mb3.8, ML2.6, MS2.2, 3C, Mindanao. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

ISK 21 02:53:33, 1.37:38N:37.26E, h5km, MD2.8. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like KMRS Kahramanmarras, KUZU Kuzuzini, ATAB Bozova, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like PINB Pinarbasi, BNN Bunyan, etc.

IDC 21 03:00:38.5, 2.3, 27.31N:143.64E, h0km, mb3.4/3, mb1 3.6/4, mb1mx3.3/3.2, mbmtmp3.4/4, ML3.5/1, Error ellipse: s-maj=45.4km s-min=28.4km az=81.0, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like JCY Chichijima, MJAR Matsushiro Arr, etc.

DHMR 21 03:02:19.3, 2.1, 11.85N:44.25E, h16km, 26km, ML4.4. ISCJB 21 03:02:21.4, 0.7, 11.84N:0.05:44.25E:0.06, h10km, mb3.8/7, MS3.3/4, Error ellipse: s-maj=9.8km s-min=5.7km az=36.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like ADEN Aden, ATD Arta Tunnel, etc.

IDC 21 03:02:21.1, 1.6, 11.70N:44.10E, h0km, mb3.9/7, mb1 4.0/8, mb1mx3.7/3.4, mbmtmp3.9/8, ML3.7/1, MS3.4/4, Ms1 3.4/4, ms1mx2.9/3.5, Error ellipse: s-maj=44.5km s-min=17.6km az=165.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like ADEN Aden, ATD Arta Tunnel, etc.

ISC 21 03:02:24.1, 0.8, 12.02N:0.06:44.34E:0.07, h10km, n19, r155:22, mb4.0/7, MS3.3/4, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like BRTR Dharmar BB, KBZ Khabaz, etc.

ISC 21 03:12:54.6, 0.9, 6.79N:73.11W, h168km, MW3.4, mb1 3.5/4, mb1mx3.1/2.9, mbmtmp3.8/4, MS2.7/1, Ms1 2.7/1, ms1mx2.2/2.1, Error ellipse: s-maj=213.0km s-min=7.9km az=133.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like BRTR Dharmar BB, KBZ Khabaz, etc.

ISC 21 03:12:57.1, 0.7, 6.76N:73.18W, h141km, 5km, ML3.3, n28, r101:38, 4C, Northern Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like BRTR Dharmar BB, KBZ Khabaz, etc.

ISC 21 03:12:54.3, 1.0, 6.82N:0.04:73.07W:0.05, h160km, 7km, n28, r101:38, 4C, Northern Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like BRTR Dharmar BB, KBZ Khabaz, etc.

JMA 21 03:08:10.8, 0.2, 33.10N:140.21E, h133km, 2km, M3.1, IDC 21 03:08:11.0, 0.1, 32.74N:139.70E, h125km, 3km, mb3.2/3, mb1 3.4/3, mb1mx2.9/3.5, mbmtmp3.6/3, Error ellipse: s-maj=15.1km s-min=2.4km az=86.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like BRTR Dharmar BB, KBZ Khabaz, etc.

ISC 21 03:08:10.3, 1.1, 33.02N:0.07:140.2E:0.1, h137km, 7km, n11, r092:17, mb3.5/3, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like BRTR Dharmar BB, KBZ Khabaz, etc.

ISC 21 03:11:04.9, 38.52N:31.42E, h7km, Md2.9, ISCJB 21 03:11:05.2, 0.5, 38.51N:0.02:31.45E:0.03, h0km, 5km, Error ellipse: s-maj=4.2km s-min=3.3km az=12.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like BRTR Dharmar BB, KBZ Khabaz, etc.

ISC 21 03:11:05.6, 1.2, 38.51N:0.02:31.42E:0.02, h0km, 12km, n53, r062:76, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like BRTR Dharmar BB, KBZ Khabaz, etc.

ISC 21 03:11:05.2, 0.5, 38.51N:0.02:31.45E:0.03, h0km, 5km, Error ellipse: s-maj=4.2km s-min=3.3km az=12.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like BRTR Dharmar BB, KBZ Khabaz, etc.

ISC 21 03:11:05.6, 1.2, 38.51N:0.02:31.42E:0.02, h0km, 12km, n53, r062:76, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like BRTR Dharmar BB, KBZ Khabaz, etc.

ISC 21 04:23:48.4, 0.5, 28.20N:59.05E, h10km, ML3.5, Error ellipse: s-maj=13.7km s-min=12.2km az=137.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like BRTR Dharmar BB, KBZ Khabaz, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like SVRH Sivrihisar-ESK, SVRH Sivrihisar-ESK, SVRH Sivrihisar-ESK, etc.

ISCJB 21 03:12:53.6, 0.5, 6.83N:0.04:73.06W:0.05, h165km, 5km, mb3.5/2, Error ellipse: s-maj=9.8km s-min=4.6km az=36.3

KUNV 21 03:12:54.8, 6.79N:73.11W, h168km, MW3.4, mb1 3.5/4, mb1mx3.1/2.9, mbmtmp3.8/4, MS2.7/1, Ms1 2.7/1, ms1mx2.2/2.1, Error ellipse: s-maj=213.0km s-min=7.9km az=133.0

RSNC 21 03:12:57.1, 0.7, 6.76N:73.18W, h141km, 5km, ML3.3, n28, r101:38, 4C, Northern Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like BARC Barichara, BTLC Betulia, Santa, etc.

ISC 21 03:12:54.3, 1.0, 6.82N:0.04:73.07W:0.05, h160km, 7km, n28, r101:38, 4C, Northern Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like BARC Barichara, BTLC Betulia, Santa, etc.

ISC 21 03:12:54.3, 1.0, 6.82N:0.04:73.07W:0.05, h160km, 7km, n28, r101:38, 4C, Northern Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like BARC Barichara, BTLC Betulia, Santa, etc.

ISC 21 03:12:54.3, 1.0, 6.82N:0.04:73.07W:0.05, h160km, 7km, n28, r101:38, 4C, Northern Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like BARC Barichara, BTLC Betulia, Santa, etc.

ISC 21 03:12:54.3, 1.0, 6.82N:0.04:73.07W:0.05, h160km, 7km, n28, r101:38, 4C, Northern Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like BARC Barichara, BTLC Betulia, Santa, etc.

ISC 21 03:12:54.3, 1.0, 6.82N:0.04:73.07W:0.05, h160km, 7km, n28, r101:38, 4C, Northern Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like BARC Barichara, BTLC Betulia, Santa, etc.

ISC 21 03:12:54.3, 1.0, 6.82N:0.04:73.07W:0.05, h160km, 7km, n28, r101:38, 4C, Northern Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like BARC Barichara, BTLC Betulia, Santa, etc.

ISC 21 03:12:54.3, 1.0, 6.82N:0.04:73.07W:0.05, h160km, 7km, n28, r101:38, 4C, Northern Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like BARC Barichara, BTLC Betulia, Santa, etc.

ISC 21 03:12:54.3, 1.0, 6.82N:0.04:73.07W:0.05, h160km, 7km, n28, r101:38, 4C, Northern Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like BARC Barichara, BTLC Betulia, Santa, etc.

ISC 21 03:12:54.3, 1.0, 6.82N:0.04:73.07W:0.05, h160km, 7km, n28, r101:38, 4C, Northern Colombia

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

NEIC 21 04:27:56.0, 35.27N, 92.36W, h4km, MN2.8, After CERL. NEIC Felt [I] at Greenbrier. Also felt at Quimman. ISC 21 04:27:55.5-0.9, 35.28N, 0.02-92.39W, 0.02, h6km, 7km, n49, e1528/80, Arkansas

Main table of station data for the 2013 section, including station names like WHAR, W40A, X40A, etc., and their associated technical parameters.

Table listing stations such as LRLAL, KSU1, WMOK, etc., with their respective technical specifications.

THE 21 04:29:51.7, 38.33N, 22.30E, h6km, 1km, ML1.7/12, Error ellipse: s-maj=1.0km s-min=0.3km az=212.0

ATH 21 04:29:51.1, 38.34N, 22.29E, h13km, 2km, ML1.6/11, Error ellipse: s-maj=2.6km s-min=0.6km az=346.0, Analyst: M.Papanikolaou ML Amplitudes are expressed in micrometres All distances are expressed in km

CSEM 21 04:29:51.4, 0.1, 38.34N, 22.29E, h5km, ML1.6, Error ellipse: s-maj=1.4km s-min=1.1km az=43.0, Greece

Main table of station data for the 2011 FEB section, including station names like KALE, KALE, KALE, etc., and their associated technical parameters.

Table listing stations such as AMT, VLX, VLX, KRND, etc., with their respective technical specifications.

DDA 21 04:30:49.9, 38.81N, 27.58E, h7km, Md2.3, Turkey

PGC 21 04:43:10.8, 0.1, 50.40N, 130.32W, h10km, ML2.9/5, Mw3.5/5, 207km west of Pt. Hardy, Bc Vancouver Island, Canada Region, Vancouver Island region

ISCJB 21 04:50:22.6, 0.4, 32.33N, 0.03, 115.34W, 0.04, h15km, 6km, Error ellipse: s-maj=5.9km s-min=4.2km az=170.2

MEX 21 04:50:22.9, 0.4, 32.46N, 115.13W, h27km, 5km, MD3.7

NEIC 21 04:50:23.4, 32.28N, 115.35W, h4km, ML2.5(PAS), ML2.8(ECC), After ECX.

ECX 21 04:50:23.4, 0.4, 32.28N, 115.36W, h4km, MD2.6, ML2.8

ISC 21 04:50:22.3, 0.9, 32.30N, 0.03, 115.35W, 0.03, h16km, 6km, n22, e114/33, 3C-5D, California-Baja California border region

Main table of station data for the 21d 4h section, including station names like HOLB, HOLB, HOLB, etc., and their associated technical parameters.

GRGR Grenville	1.89 323 ePn	Pn	05 29 23.9 +0.2
GRGR		Sn	05 29 52.7 +6.1
GRW Mount Saint Ca	1.92 324 eP	Pn	05 29 24.6 +0.4
GRW		Sn	05 29 43.1 +4.3
GRW Mount Saint Ca	1.92 324 eP	Pn	05 29 24.6 +0.4
GRSS Sisters	2.00 327 eP	Pn	05 29 24.7 +0.5
GRSS		Sn	05 29 50.5 +1.2
GRSS Sisters	2.00 327 eP	Pn	05 29 24.7 +0.5
GRYU Cariacou	2.07 333 eS	Pn	05 29 51.5 +0.4
GUNV Guanoco	2.44 260 eP	Pn	05 29 30.7 -0.4
GUNV		Sn	05 29 59.6 -0.4
FCV Fort Charlotte	2.64 344 eP	Pn	05 29 34.8 -0.6
FCV Fort Charlotte	2.64 344 eP	Pn	05 29 34.3 +0.5
BBSP Saint Philip	2.68 22 eP	Pn	05 29 30.0 -1.4
BBSP		Sn	05 30 03.6 -2.3
BBSP Saint Philip	2.68 22 eP	Pn	05 29 30.0 -1.4
BBSP		Sn	05 30 27.2 -1.3
BGGH Gun Hill	2.68 20 eP	Pn	05 29 33.9 -0.5
BGGH		Sn	05 30 04.5 -1.4
BGGH Gun Hill	2.68 20 ePn	Pn	05 29 33.4 -1.0
CRUV Carupano	2.69 272 eP	Pn	05 29 32.5 -2.0
CRUV		Sn	05 30 06.4 +0.4
SVB Belmont	2.75 345 eS	Pn	05 29 34.8 -0.6
SVB		Sn	05 30 08.2 +0.7
SVB Belmont	2.75 345 eS	Pn	05 29 34.8 -0.6
SVB		Sn	05 30 08.2 +0.7
SVV Soufriere Voic	2.78 346 eP	Pn	05 29 36.4 +0.7
SVV Soufriere Voic	2.78 346 eP	Pn	05 29 36.4 +0.7
MCLT Moule a Chique	3.11 352 eS	Pn	05 29 15.3 -1.0
MCLT		Sn	05 29 33.9 -1.0
MCLT Moule a Chique	3.11 352 eS	Pn	05 29 15.3 -1.0
MCLT		Sn	05 30 15.3 -1.0
ORIV Oritupano	3.25 242 eP	Pn	05 29 40.5 -1.6
ORIV		Sn	05 30 17.7 -1.9
HOSS1 Guadeloupe/Mar	3.81 355 Pn	Pn	05 29 49.7 0.0
HOSS1		Sn	05 30 29.9 -3.4
SNR=436			
BIM Bigot	3.92 352 eP	Pn	05 29 51.2 -0.1
BIM		Sn	05 30 55.9 -0.6
MVM Montagne Vauci	3.94 354 eP	Pn	05 29 51.9 -0.6
LPMF Morne Lapointe	3.97 353 eP	Pn	05 29 51.6 -0.3
ZAM Aeronautique	3.97 353 eP	Pn	05 29 51.2 -0.8
FFF Fort de France	4.15 351 eP	Pn	05 29 53.6 -0.8
FFF Fort de France	4.15 351 eP	Pn	05 30 40.2 -1.5
FFF Fort de France	4.15 351 eP	Pn	05 29 53.7 -0.8
FFF Fort de France	4.15 351 eP	Pn	05 30 42.5 -0.8
GBMF Grand Be	4.21 351 eP	Pn	05 29 55.5 +0.1
CXM Morne La Croix	4.23 351 eP	Pn	05 29 56.6 +1.0
CXM Morne La Croix	4.23 351 eP	Pn	05 30 44.8 +1.0
BAMF Morne Balais	4.23 351 eP	Pn	05 29 55.2 -0.3
PCM Pelee Case Pet	4.24 351 eP	Pn	05 29 54.7 -0.2
PCM Pelee Case Pet	4.24 351 eP	Pn	05 29 54.4 -0.2
LUEV Luepa	4.83 191 eP	Pn	05 29 56.6 -7.3
BBL Barber's Block	4.98 349 eP	Pn	05 30 05.5 -0.3
BBL Barber's Block	4.98 349 eP	Pn	05 30 05.5 -0.3
CUPY Caspira	5.27 348 eP	Pn	05 30 12.1 -0.4
HMG Houelmont	5.67 269 eP	Pn	05 30 13.9 -1.3
BIRV Birongo	5.70 355 eP	Pn	05 30 14.6 -1.0
DEG La Desirade	5.70 355 eP	Pn	05 30 14.6 -1.0
DEG La Desirade	5.70 355 eP	Pn	05 30 14.1 -1.5
HOSS1 Guadeloupe/Mar	5.70 355 Pn	Pn	05 31 15.8 -3.9
HOSS1		Sn	05 31 15.8 -3.9
SNR=12			
MERV Las Mercedes	5.87 257 eP	Pn	05 30 25.7 -2.8
TURV Turiamo	7.22 269 eP	Pn	05 30 34.8 -1.6
BAUV El Baul	7.61 258 eP	Pn	05 30 38.3 -3.4
BAUV		Sn	05 32 01.1 -5.1
MAPV Macapao	7.87 265 eP	Pn	05 30 42.3 -3.0
TEPV Terapalma	8.58 266 eP	Pn	05 30 52.4 -2.6
SANV Sanarito	8.96 264 eP	Pn	05 30 57.0 -3.3
SJG San Juan	9.25 324 Pn	Pn	05 31 00.6 -3.5
SJG	0.4mm, 0.3s, baz=94, slow=13, SNR=2.1	LR	05 35 38.8
comp=2.66mm, 21.1s, baz=198, slow=44			
CURV Curarigua	9.33 267 eP	Pn	05 31 03.3 -2.0
ELOV Elorza	9.57 249 eP	Pn	05 31 04.4 -4.1
SDV Santo Domingo	10.13 261 Pn	Pn	05 31 09.8 -6.6
SDV	1.0mm, 0.3s, baz=71, slow=8.2, SNR=14	Sn	05 33 02.8 -5.7
SDV	5.1mm, 0.3s, baz=355, slow=14, SNR=15	Pn	05 31 12.3 -4.0
SDV Santo Domingo	10.13 261 ePn	Pn	05 31 03.0 -5.1
SDV	3.4mm, 0.3s, baz=1.1, slow=21, SNR=22	Pn	05 31 23.6 -8.2
PTGA Pitinga	11.28 177 Pn	Pn	05 33 21.5 -1.5
PTGA	4.2mm, 0.3s, baz=97, slow=20, SNR=5.1	Sn	05 32 13.5 -6.4
ROSC El Rosal	14.84 248 Pn	Pn	05 32 28.1 +1.7
ROSC	0.5mm, 0.3s, baz=257, slow=19, SNR=3.1	Pn	05 32 24.1 +0.1
NORC Norcasia	15.09 252 eP	Pn	05 32 31.5 -0.1
SJAC San Juan de Ar	15.20 242 eP	Pn	05 32 31.5 -0.1
HELC Santa Helena	15.50 255 eP	Pn	05 32 35.8 +0.3
DBBC Dabeiba	15.93 258 eP	Pn	05 33 09.1 -7.1
SAML Samuel	19.61 188 eP	Pn	05 33 59.8 -2.4
JTS JuntasAbangare	24.05 271 P	Pn	05 36 57.9 +1.1
JTS	6.3mm, 0.4s, baz=121, slow=6.5, SNR=25	P	05 38 43.0 +1.6
TXAR Lajitas Array	44.33 301 P	P	05 36 58.5 +1.7
TXAR	0.4mm, 0.4s, baz=118, slow=10, SNR=8.9	P	05 37 33.5 0.0
SCHO Schefferville	46.84 248 Pn	Pn	05 38 06.2 +1.0
SCHO	1.0mm, 0.7s, baz=122, slow=5.9, SNR=8.1	P	05 38 14.4 +2.0
ULM Lac du Bonnet	49.09 331 P	P	05 38 17.2 -1.5
ULM	2.3mm, 0.7s, baz=165, slow=18, SNR=3.8	P	05 38 29.9 +0.4
PDAR Pinedale Array	53.26 316 P	P	05 38 37.8 +1.0
PDAR	0.9mm, 0.5s, baz=112, slow=9.5, SNR=15	P	05 38 43.2 +1.4
FCR Fort Churchill	54.34 339 eP	P	05 38 58.0 -0.5
DBIC Dimbokro	55.10 89 P	P	05 39 18.0 +3.0
DBIC	1.4mm, 0.6s, baz=247, slow=9.3, SNR=5.8	P	05 39 24.5 +1.7
ELK Elko	56.62 312 P	P	05 40 09.2 +1.3
ELK	0.3mm, 0.4s, baz=44, slow=0.1, SNR=4.1	P	05 40 11.2 +2.1
ESDC Sonseca Array	57.68 50 P	P	05 40 50.2 +2.4
ESDC	1.2mm, 0.6s, baz=268, slow=9.6, SNR=7.4	P	05 40 51.9 +1.8
NVAR Mina Array	58.35 309 P	P	05 41 29.3 +0.5
NVAR	0.5mm, 0.5s, baz=102, slow=6.6, SNR=7.1	P	05 41 29.3 +0.5
TORD Torodi Ar. Bea	60.79 81 P	P	05 41 29.3 +0.5
TORD	0.8mm, 0.4s, baz=292, slow=6.5, SNR=34	P	05 41 29.3 +0.5
SUMS Summit	63.33 7 i P	P	05 41 29.3 +0.5
SUMS	0.6mm, 0.8s	P	05 41 29.3 +0.5
YKA Yellowknife Ar	64.56 335 P	P	05 41 29.3 +0.5
YKA	1.2mm, 0.5s, baz=108, slow=7.2, SNR=32	P	05 41 29.3 +0.5
GERES GERES Array B	71.69 42 P	P	05 41 29.3 +0.5
GERES	1.3mm, 0.3s, baz=3, SNR=9.6	P	05 41 29.3 +0.5
NOA NORRAR Array B	75.95 29 P	P	05 41 29.3 +0.5
NOA	1.3mm, 0.8s, baz=261, slow=5.8, SNR=3.4	P	05 41 29.3 +0.5
ARCES ARCESS Array B	78.74 21 P	P	05 41 29.3 +0.5
ARCES	3.4mm, 1.0s, baz=287, slow=9.6, SNR=2.6	P	05 41 29.3 +0.5
ILAR Eielson Array	78.94 334 P	P	05 41 29.3 +0.5
ILAR	0.9mm, 0.7s, baz=93, slow=4.9, SNR=15	P	05 41 29.3 +0.5
FINES FINES Array B	79.13 29 P	P	05 41 29.3 +0.5
FINES	1.1mm, 0.5s, baz=270, slow=4.8, SNR=10.0	P	05 41 29.3 +0.5
BRTR Keskin Array B	86.45 50 P	P	05 41 29.3 +0.5
BRTR	0.6mm, 0.8s, baz=303, slow=8.0, SNR=2.3	P	05 41 29.3 +0.5
CMAR Chiang Mai Arr	144.71 35 PKP	PKP	05 48 22.8 -0.2
CMAR	0.4mm, 0.4s, baz=327, slow=4.4, SNR=4.4		

0271.00000°, 832.00000°, 1-20.00000°. Principal axes:
 T 3.6340, P1g28.0000°, Azm132.0000°, N 1.2740,
 P1g30.0000°, Azm24.0000°; P -4.9150, P1g47.0000°.
 Azm256.0000°; nsta1 refers to body waves, cutoff=40s.
 nsta2 refers to surface waves, cutoff=50s.
 ISC 21 05:38:47.0±0.3, 45.745±0.04; 72.40W±0.06, h10km, n784,
 05977797, m5.3/122, MS4.7/44, 5C-5D, Southern Chile

Code	Station Name	Δ° AZ°	Phase ID	Time Res
YCH	Puerto Aysen	0.40 328 eP	Op	h m s ISC
YCH			Pg	05 38 54.2 -0.7
AYCH			Sb	05 39 02.8 +0.5
AYCH			AML	05 39 06.4
CHRN Cochrane	1.51 185 iP	Pn	05 39 08.3 -5.9	
CHRN		Sn	05 39 27.7 -7.2	
FUTA Futaleufu	2.58 9 eP	Pb	05 39 32.6 -0.9	
FUTA		Sb	05 40 11.4 +1.4	
HOCH Hornos Oñes	3.83 360 eP	Pb	05 39 52.1 -2.7	
PLCA Paso Flores	5.19 16 Pn	Pn	05 40 06.8 +2.1	
comp=E, 1.9mm, 0.3s, baz=218, slow=12, SNR=53		Lg	05 41 34.4	
comp=E, 18mm, 0.3s, baz=120, slow=22, SNR=8.0		LR	05 42 22.4	
PLCA Paso Flores	5.19 16 Pn	Pn	05 40 09.8 +4.1	
PLCA Paso Flores	5.19 16 eP	Pn	05 40 08.5 +3.7	
PLCA Paso Flores	5.19 16 eP	Lg	05 41 34.4	
PLCA Paso Flores	5.19 16 eP	Pn	05 40 08.5 +3.7	
VLCH Valdivia	5.97 354 eP	Pn	05 40 17.6 +2.2	
USHA Ushuaia	9.44 14 eP	Pn	05 41 03.8 +0.8	
comp=E, 8.0mm, 0.3s, baz=323, slow=10, SNR=2.5		Pn	05 41 23.9 +0.7	
TRQA Torquist	10.91 49 ePn	Pn	05 43 22.0 -3.3	
TRQA		Sn	05 41 34.5 +7.9	
EFI East Falkland	11.17 127 ePn	Pn	05 41 34.5 +7.9	
EFI East Falkland	11.17 127 ePn	Pn	05 42 30.0 +0.8	
LPA La Plata	15.43 51 dP	sP	05 42 30.0 +0.8	
LPA		SSS	05 45 41.0	
LPA		PcP	05 47 20.0 -8.1	
LCO Las Campanas	16.76 5 ePn	Pn	05 45 42.1 +0.1	
comp=E, 2.26mm, 1.6s		eSn	05 42 48.1 -0.2	
PMSA Palmer Station	19.62 169 Pn	Pn	05 43 17.9 +1.2	
comp=E, 3um, 20.1s, baz=320, slow=34		LR	05 49 58.7	
IPCC Station P	22.23 4 eP	P	05 43 44.5 +0.7	
PB10 IPCC Station P	22.23 4 eP	pP	05 43 45.3 -1.4	
PB10		pP	05 43 50.9 +0.9	
CPUP Villa Florida	22.81 37 P	P	05 53 46.7	
comp=E, 3.1mm, 1.0s, baz=225, slow=8, SNR=32		LR	05 53 46.7	
IPCC Station P	23.42 5 eP	P	05 43 56.2 -0.3	
PB01 IPCC Station P	24.75 7 eP	P	05 44 08.5 -0.3	
comp=E, 3.95mm, 1.3s		P	05 44 53.3 +0.4	
LPZA La Paz	29.58 8 P	P	05 44 53.3 +0.4	
comp=E, 1.3mm, 0.6s, baz=167, slow=9.4, SNR=16		LR	05 58 30.1	
LPZA La Paz	29.58 8 eP	P	05 44 53.4 +0.6	
comp=E, 5.2mm, 1.3s		eP	05 44 53.4 +0.6	
LPZA La Paz	29.58 8 eP	pmax	05 44 53.4 +0.6	
LPZA		pmax	05 44 56.3 +1.0	
SPB Sao Paulo	29.95 51 eP	P	05 45 06.4 +0.4	
comp=E, 4.5mm, 0.8s, baz=218, slow=9.7, SNR=53		P	05 45 40.0 +1.0	
SIV San Ignacio	31.15 21 P	P	05 45 40.0 +1.0	
comp=E, 4.5mm, 0.8s, baz=218, slow=9.7, SNR=53		LR	05 45 40.0 +1.0	
NNA Nana	33.85 352 PFAKE	LR	05 45 50.4 -0.8	
NNA		LR	06 01 58.0	
BDFB Brasilia	36.31 42 P	P	05 45 50.3 -0.8	
comp=Z, 13mm, 0.8s, baz=199, slow=8.3, SNR=20		LR	05 45 50.3 -0.8	
BDFB Brasilia	36.31 42 eP	P	05 45 50.3 -0.8	
BDFB		pmax	05 45 50.3 -0.8	
BDFB		pmax	05 46 01.1 0.0	
SAML Samuel	37.51 15 eP	P	05 46 01.1 0.0	
comp=Z, 48mm, 1.4s		LR	05 46 13.2 +0.6	
ATAH Atahualpa	38.81 350 P	P	05 46 17.0 -0.5	
comp=Z, 2mm, 0.9s, baz=102, slow=7.6, SNR=9.8		P	05 46 29.7 -0.2	
VNA2 Neumayer-Watz	39.81 152 P	P	05 46 27.8 -2.1	
comp=Z, 276, slow=8.2		P	05 46 28.2 -1.7	
SNAA Snae	41.01 153 P	P	05 46 57.2 -1.3	
SNAA Snae	41.01 153 eP	P	05 48 42.1 +0.7	
comp=Z, 5um, 1.3s		PcP	05 47 09.0 +0.4	
SNAA Snae	41.01 153 iP	P	05 47 12.4 +0.5	
QSPA South Pole Qui	44.51 180 eP	P	05 47 11.5 -0.2	
comp=Z, 130mm, 1.0s		LR	05 47 19.1 -3.8	
QSPA		P	05 47 46.1 +1.2	
NVL N'iazarevskaya	45.82 153 iP	P	05 47 45.0 +0.1	
comp=Z, 27mm, 1.1s		P	05 47 45.0 +0.1	
ROSC El Rosal	50.39 358 eP	P	05 47 43.7 -2.8	
ROSC		P	05 47 50.1 -2.6	
NORC Norcasia	51.12 357 eP	P	05 47 54.0 -1.2	
RUSC La Rusia	51.41 359 eP	P	05 47 55.8 -1.8	
HELC Santa Helena	51.78 356 eP	LR	06 08 41.6	
BARC Barichara	52.10 359 eP	LR	06 08 41.6	
VNDA Vanda	52.75 193 LR	LR	06 08 41.6	
comp=Z, 258mm, 18.3s, baz=142, slow=34		P	05 48 00.8 -0.5	
DBBC Dabeiba	52.63 355 eP	P	05 48 13.1 -1.4	
SDV Santo Domingo	54.40 2 eP	P	05 48 13.2 -1.2	
comp=Z, 11mm, 0.8s, baz=219, slow=8.2, SNR=13		LR	05 48 13.2 -1.2	
SDV Santo Domingo	54.40 2 eP	LR	05 48 13.2 -1.2	
comp=Z, 500mm, 22.0s		LR	05 48 13.3 -1.2	
RDV Santo Domingo	54.40 2 eP	LR	06 04 15.0	
SKNT Rikitea	54.76 272 eP	LR	05 48 16.8 -2.2	
comp=Z, 331mm, 26.5s		P	05 48 33.4 +1.2	
SYO Syowa Base	55.15 156 iP	P	05 48 34.4 -3.8	
JTS JuntasAbangare	56.91 345 P	P	05 48 34.4 -3.8	
JTS	0.5mm, 0.8s, baz=158, slow=6.3, SNR=19	LR	05 48 34.4 -3.8	
JTS JuntasAbangare	56.91 345 iP	LR	05 48 34.4 -3.8	
JTS	comp=Z, 29mm, 1.1s	LR		

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MVCO	Mesa Verde	88.75 332	eP	P	05 51 41.5 +0.7	DAC	Darwin (Calif)	91.25 325	eP	P	05 51 53.1 +0.7	BW06	Boulder Array	94.13 334	P	P	05 52 05.7 +0.1
ACCN	Adirondack Farm	88.75 359	eP	P	05 51 39.9 -0.5	DAC	comp=Z,21nm,1.5s	91.30 345	P	P	05 51 53.1 +0.9	BW06	Boulder Array	94.13 334	eP	P	05 52 04.8 -0.9
MURC	Murrieta	88.77 324	P	P	05 51 41.1 +0.4	I37A	Lemond, Waseca	91.30 326	P	P	05 51 53.3 +0.7	PD31	Pinedale Array	94.13 334	eP	P	05 52 04.6 -1.0
W13A	Hualapai Mount	88.77 327	eP	P	05 51 41.7 +0.8	TPNV	Topopah Spring	91.30 326	P	P	05 51 53.3 +0.7	PDAR	Pinedale Array	94.13 334	eP	P	05 52 04.6 -1.0
O31A	Woolen Ranch,	88.85 340	P	P	05 51 42.1 +1.1	TPNV	Topopah Spring	91.30 326	eP	P	05 51 53.0 +0.4	PDAR	comp=Z,3.7nm,1.1s,baz=142,slow=5.6,SNR=15	LR	LR	06 29 23.6	
N34A	Lincoln	88.86 342	P	P	05 51 41.8 +0.9	TPNV	Topopah Spring	91.30 326	eP	P	05 51 53.0 +0.4	D37A	Cotton	94.18 346	P	P	05 52 07.1 +1.6
M37A	Trindle Farm,	88.90 344	P	P	05 51 42.0 +0.9	K30A	Basset	91.31 340	P	P	05 51 53.2 +0.8	E33A	Westby DABS, E	94.19 344	P	P	05 52 06.1 +0.6
P28A	Saint Francis	88.92 338	P	P	05 51 42.6 +1.3	N23A	Red Feather La	91.32 335	P	P	05 51 53.8 +1.1	HVU	Hansel Valley	94.29 331	eP	P	05 52 06.4 +0.1
N33A	J Bar K, Exete	88.97 341	P	P	05 51 42.2 +0.8	N23A	Red Feather La	91.32 335	eP	P	05 51 54.2 +1.4	HVU	Hansel Valley	94.29 331	eP	P	05 52 06.4 +0.1
O30A	MW Ranch, Wils	89.06 339	P	P	05 51 42.6 +0.7	O20A	White River Ci	91.33 333	eP	P	05 51 53.8 +1.0	D36A	Goodland	94.32 346	P	P	05 52 07.1 +1.0
M36A	Felix, Anita	89.09 343	P	P	05 51 43.0 +1.1	O20A	White River Ci	91.33 333	eP	P	05 51 52.5 -0.2	D35A	Remer	94.38 345	P	P	05 52 06.3 0.0
GMRC	Granite Mounta	89.18 326	P	P	05 51 43.3 +0.6	I35A	Creekview Farm	91.44 344	P	P	05 51 53.2 +0.3	G27A	Dupree	94.42 340	P	P	05 52 07.1 +0.5
N32A	Stulken Farm,	89.19 341	P	P	05 51 43.6 +1.1	YES	Vestal, Richgr	91.48 324	P	P	05 51 55.2 +2.0	G26A	Murline	94.50 339	P	P	05 52 06.9 -0.2
O29A	4D Ranch, Culb	89.19 339	P	P	05 51 43.9 +1.3	P18A	Preston Nutter	91.52 332	eP	P	05 51 55.9 +2.1	C38A	Sawbill Land.	94.54 347	P	P	05 52 07.5 +0.5
LDFC	Landfair	89.22 326	eP	P	05 51 45.3 +2.4	P17A	Butcher Ranch,	91.54 331	eP	P	05 51 53.9 +0.3	F28A	McLaughlin	94.59 341	P	P	05 52 07.6 +0.2
SCIA	State Ceud	89.22 345	eP	P	05 51 43.4 +0.8	PHWY	Pilot Hill	91.56 336	eP	P	05 51 52.5 -1.4	D34A	Park Rapids	94.59 345	P	P	05 52 09.0 +1.6
M35A	Neola	89.29 343	P	P	05 51 43.9 +1.1	K29A	Lazy Trails An	91.56 340	P	P	05 51 54.2 +0.7	G25A	Newell	94.61 339	P	P	05 52 07.7 +0.2
Q24A	Divide	89.31 335	P	P	05 51 43.5 0.0	J32A	Parkston	91.57 342	P	P	05 51 53.7 +0.2	C37A	Embarrass	94.69 347	P	P	05 52 08.0 +0.2
Q24A	Divide	89.31 335	eP	P	05 51 43.1 -0.4	ECSD	EROS Data Cent	91.65 343	P	P	05 51 53.9 +0.1	D33A	AnnSamb, Waubun	94.77 344	P	P	05 52 09.5 +1.4
FMP	Fort Marcarthur	89.32 323	eP	P	05 51 43.7 +0.4	ECSD	EROS Data Cent	91.65 343	eP	P	05 51 53.3 -0.6	E30A	Jud	94.78 342	P	P	05 52 09.7 +1.5
U15A	North Rim	89.36 329	eP	P	05 51 44.5 +0.8	J31A	Geddes	91.69 341	P	P	05 51 54.4 +0.3	C36A	Pine Crest Far	94.83 346	P	P	05 52 09.4 +1.0
N31A	Bailey Ranch,	89.40 340	P	P	05 51 44.3 +0.8	H37A	Dierke Farm, C	91.76 345	P	P	05 51 55.7 +1.3	F27A	Letmon	94.90 340	P	P	05 52 10.0 +1.1
L38A	Oak Wood Farm,	89.40 345	P	P	05 51 43.7 +0.3	K28A	Ten Mile Ranch	91.77 339	P	P	05 51 55.5 +1.0	E29A	Napoleon	95.00 342	P	P	05 52 10.5 +1.2
O28A	Krutsinger Ran	89.45 338	P	P	05 51 44.7 +0.9	I34A	Hadley	91.79 343	P	P	05 51 54.9 +0.4	F26A	Lodgepole	95.04 339	P	P	05 52 10.9 +1.4
HEC	Hector, Ludlow	89.49 325	P	P	05 51 45.0 +0.9	J30A	Dallas	91.90 341	P	P	05 51 55.5 +0.4	D31A	McClaffin, Tow	95.05 343	P	P	05 52 09.7 +0.3
M34A	Aspy Farms, Fr	89.51 342	P	P	05 51 44.4 +0.5	H36A	Jessenland, He	91.94 345	P	P	05 51 55.2 +0.1	REDW	Red Top Meadow	95.08 333	eP	P	05 52 08.2 -1.7
BFSC	Mount Baldy Ra	89.51 324	P	P	05 51 44.8 +0.5	I33A	Coleman	91.99 343	P	P	05 51 56.5 +1.0	C34A	RKJ Ranch, Bem	95.08 345	P	P	05 52 10.9 +1.4
L37A	Phoenix Point,	89.53 344	P	P	05 51 44.0 0.0	J29A	Okreek	92.27 340	P	P	05 51 57.1 +0.8	LOHW	Long Hollow	95.22 333	eP	P	05 52 11.0 +0.4
PV01	Paradox Valley	89.61 332	eP	P	05 51 44.4 -0.4	H35A	Sunnyside Ranc	92.22 344	P	P	05 51 57.2 +0.8	E28A	Huff	95.25 341	P	P	05 52 10.9 +0.5
L36A	Harm Buss Farm	89.69 344	P	P	05 51 45.2 +0.5	R11A	Troy Canyon, C	92.27 327	P	P	05 51 58.0 +0.9	F25A	Bowman	95.31 339	P	P	05 52 11.4 +0.6
JFWS	Jewell Farm	89.69 347	eP	P	05 51 42.9 -1.9	R11A	Troy Canyon, C	92.27 327	eP	P	05 51 57.2 +0.1	D30A	Buchanan	95.32 342	P	P	05 52 11.9 +1.2
JFWS	Jewell Farm	89.69 347	eP	P	05 51 42.9 -1.9	MPU	Maple Canyon	92.33 331	eP	P	05 51 58.2 +0.8	D29A	Pettibone, Tap	95.46 342	P	P	05 52 13.0 +1.6
M33A	Taylor Creek F	89.71 342	P	P	05 51 45.8 +0.9	I31A	Royce, Wessing	92.35 341	P	P	05 51 58.3 +1.2	B35A	Bot, Littlefor	95.56 346	P	P	05 52 12.5 +0.7
PV05	Paradox Valley	89.73 332	eP	P	05 51 44.8 -0.6	SPMN	Marine on St.	92.36 346	P	P	05 51 58.0 +1.0	E26A	Carlson Angus	95.57 340	P	P	05 52 13.0 +1.2
BGNE	Belgrade	89.77 341	P	P	05 51 46.0 +0.8	H34A	Spellman Lake,	92.38 344	P	P	05 51 57.8 +0.6	FLWY	Flagg Ranch	95.67 333	eP	P	05 52 13.5 +0.9
N29A	Votaw Ranch, W	89.80 339	P	P	05 51 46.0 +0.6	J28A	Allard Ranch,	92.41 339	P	P	05 51 58.4 +0.9	C31A	Landman Farms	95.76 343	P	P	05 52 13.4 +0.7
TUQ	Turquoise Moun	89.85 326	P	P	05 51 47.1 +1.2	NLU	Not Lilly Min	92.43 331	eP	P	05 51 59.0 +1.2	D28A	Regan	95.80 341	P	P	05 52 13.6 +0.7
K38A	Parkersburg	89.86 345	P	P	05 51 45.7 +0.1	J27A	Elkhorn Farm,	92.44 339	P	P	05 51 58.5 +0.8	B33A	Robert and Kas	95.81 345	P	P	05 52 13.2 +0.3
L35A	Blowell Farm, R	89.88 343	P	P	05 51 46.0 +0.3	I30A	Oacoma	92.44 341	P	P	05 51 57.9 +0.4	E25A	Miller Ranch,	95.83 339	P	P	05 52 13.1 0.0
M31A	Lambrecht Ranc	89.90 340	P	P	05 51 46.3 +0.5	G36A	St. Michael	92.54 345	P	P	05 51 58.5 +0.6	C30A	Mose, Pekin	95.84 343	P	P	05 52 13.2 +0.3
L34A	Svendsen Farm,	89.91 342	P	P	05 51 45.8 0.0	H32A	Carlson Farm,	92.56 342	P	P	05 51 58.3 +0.2	B34A	Aery, Baudette	95.84 345	P	P	05 52 13.2 +0.2
N28A	Pribbeno Ranch	89.91 338	P	P	05 51 46.6 +0.6	H33A	Prehn Over Nor	92.59 343	P	P	05 51 58.5 +0.3	AGMN	Agassiz Nation	95.88 344	P	P	05 52 13.1 -0.1
PV10	Paradox Valley	89.98 332	eP	P	05 51 46.0 -0.5	G35A	Watkins	92.66 345	P	P	05 51 59.1 +0.6	H17A	Grant Village	95.92 334	P	P	05 52 14.0 +0.2
SMCO	Snowmass	90.06 334	eP	P	05 51 47.1 0.0	I29A	Vivian Onida	92.75 340	P	P	05 51 59.4 +0.4	D27A	Center	95.94 340	P	P	05 52 14.3 +0.7
GSC	Goldstone, Bar	90.09 325	eP	P	05 51 46.6 -0.3	H31A	Wolsey	92.76 342	P	P	05 51 59.9 +0.9	D26A	Manning	96.09 340	P	P	05 52 14.3 +0.1
GSC	Goldstone, Bar	90.09 325	eP	P	05 51 47.2 +0.3	J26A	Sides Ranch, S	92.77 338	P	P	05 51 59.8 +0.7	B32A	Ashes, Strandq	96.10 344	P	P	05 52 14.2 0.0
GSC	Goldstone, Bar	90.09 325	eP	P	05 51 47.2 +0.3	JLU	Jordanelle	92.79 331	eP	P	05 52 00.4 +0.9	RLMT	Red Lodge	96.17 335	P	P	05 52 15.0 +0.1
PV09	Paradox Valley	90.13 332	eP	P	05 51 46.9 -0.4	DUG	Dugway, Tooele	92.90 330	P	P	05 52 00.2 +0.3	RLMT	Red Lodge	96.17 335	eP	P	05 52 15.4 +0.5
K37A	Belmond	90.13 345	P	P	05 51 47.2 +0.4	DUG	Dugway, Tooele	92.90 330	eP	P	05 52 00.9 +1.0	MNDN	Maddock	96.21 342	P	P	05 52 16.1 +1.4
K36A	Gilmore City	90.16 344	P	P	05 51 47.8 +0.8	DUG	Dugway, Tooele	92.90 330	eP	P	05 52 00.9 +1.0	C28A	Hausauer Farms	96.25 341	P	P	05 52 15.6 +0.7
ISCO	Idaho Springs	90.22 335	P	P	05 51 48.1 +0.4	DUG	Dugway, Tooele	92.90 330	eP	P	05 52 00.9 +1.0	YMR	Madison River	96.28 333	eP	P	05 52 16.6 +1.2
ISCO	Idaho Springs	90.22 335	eP	P	05 51 47.3 -0.4	G34A	Benson	92.90 344	P	P	05 52 01.1 +1.5	B31A	Greenbush Farm	96.35 343	P	P	05 52 15.4 +0.1
ISCO	Idaho Springs	90.22 335	eP	P	05 51 47.3 -0.4	I28A	Midland	92.93 340	P	P	05 52 00.8 +1.0	O03D	Paynes Creek	96.39 324	P	P	05 52 16.5 +0.7
LCMT	Little Creek M	90.22 328	eP	P	05 51 48.8 +1.2	G33A	Ortonville	93.02 343	P	P	05 52 01.0 +0.9	A33A	Warrad	96.41 345	P	P	05 52 16.3 +0.7
OGNE	Ogallala	90.28 338	P	P	05 51 48.6 +0.9	J25A	Sunshine Ranch	93.03 338	P	P	05 52 00.9 +0.5	D25A	Fairfield	96.42 339	P	P	05 52 16.7 +1.0
OGNE	Ogallala	90.28 338	eP	P	05 51 49.5 +1.8	F36A	Milaca	93.11 345	P	P	05 52 01.6 +1.1	HLID	Hailey	96.43 331	P	P	05 52 16.5 +0.4
L33A	Hoskins	90.29 342	P	P	05 51 49.0 +1.3	K22A	Casper	93.11 336	P	P	05 52 01.5 +0.7	HLID	Hailey	96.43 331	eP	P	05 52 17.0 +0.9
M30A	Dale-Ortello V	90.30 340	P	P	05 51 49.1 +1.4	K22A	Casper	93.11 336	eP	P	05 52 00.6 -0.3	B30A	Myrvik Farm, E	96.51 343	P	P	05 52 16.8 +0.5
L32A	Elgin	90.30 341	P	P	05 51 48.8 +1.1	I27A	Quinn	93.22 339	P	P	05 52 02.2 +1.0	A32A	Rocking H Ranc	96.59 344	P	P	05 52 16.8 +0.4
SADO	Sadowa	90.33 355	eP	P	05 51 47.4 -0.3	F35A	Swihille	93.29 345	P	P	05 52 02.3 +0.9	STKA	Stephens Creek	96.82 209	LR	LR	06 28 44.9
K35A	Storm Lake	90.40 343	P	P	05 51 49.3 +1.2	G32A	Webster	93.29 343	P	P	05 52 02.8 +1.3	A					

KLY	Klyuchi	1.15 300	eP	Pn	05 50 36.5 -2.3				
KLY	Klyuchi	1.15 300	eS	Sn	05 50 51.3 -2.0				
KLY	Klyuchi	1.15 300	PN	Pn	05 50 36.5 -2.3				
KRSR	Krestovskiy	1.15 295	eS	Sn	05 50 51.3 -2.0				
KRSR	Krestovskiy	1.15 295	eP	Pn	05 50 37.7 -1.2				
KRSR	Krestovskiy	1.15 295	PN	Pn	05 50 37.7 -1.2				
SRKR	Sorokina	1.15 323	iP	Sn	05 50 52.5 -1.0				
SRKR	Sorokina	1.15 323	eS	Sn	05 50 38.5 +0.4				
SRKR	Sorokina	1.15 323	PN	Pn	05 50 38.5 +0.4				
KIRR	Kirishiev	1.20 281	eP	Pn	05 50 39.1 -0.5				
KIRR	Kirishiev	1.20 281	PN	Pn	05 50 39.1 -0.5				
KMINR	Kamenistaya	1.24 271	eS	Sn	05 50 40.1 0.0				
KMINR	Kamenistaya	1.24 271	PN	Pn	05 50 56.9 +1.2				
KMINR	Kamenistaya	1.24 271	PN	Pn	05 50 56.9 +1.2				
KPT	Kopyto	1.27 281	eP	Sn	05 50 40.0 -0.5				
KPT	Kopyto	1.27 281	eS	Sn	05 50 57.5 +1.2				
KPT	Kopyto	1.27 281	PN	Pn	05 50 40.0 -0.5				
KOZ	Kozyrevsk	1.48 283	eP	Sn	05 50 43.9 +0.6				
KOZ	Kozyrevsk	1.48 283	eS	Sn	05 51 04.1 +2.8				
KOZ	Kozyrevsk	1.48 283	PN	Pn	05 50 43.9 +0.6				
KOZ	Kozyrevsk	1.48 283	PN	Pn	05 51 04.1 +2.8				
SRDR	Sredinnyy	1.63 292	eP	Sn	05 50 45.8 +0.4				
SRDR	Sredinnyy	1.63 292	eS	Sn	05 51 06.6 +0.5				
SRDR	Sredinnyy	1.63 292	PN	Pn	05 51 06.6 +0.5				
SRDR	Sredinnyy	1.63 292	PN	Pn	05 51 06.6 +0.5				
BKI	Bering	2.09 104	eP	Sn	05 50 51.4 -0.2				
BKI	Bering	2.09 104	eS	Sn	05 51 16.7 +0.4				
BKI	Bering	2.09 104	PN	Pn	05 50 51.4 -0.2				
SPN	Mys Shipunski	3.01 209	iP	Pn	05 51 03.3 -0.9				
SPN	Mys Shipunski	3.01 209	eS	Sn	05 51 37.6 -1.4				
SPN	Mys Shipunski	3.01 209	PN	Pn	05 51 03.3 -0.9				
SPN	Mys Shipunski	3.01 209	PN	Pn	05 51 37.6 -1.4				
NLC	Nalytchevo	3.15 216	eP	Sn	05 51 06.1 -0.1				
NLC	Nalytchevo	3.15 216	eS	Sn	05 51 42.7 +0.2				
NLC	Nalytchevo	3.15 216	PN	Pn	05 51 06.1 -0.1				
NLC	Nalytchevo	3.15 216	PN	Pn	05 51 42.7 +0.2				
SDLR	Sedlovina	3.23 221	eP	Pn	05 51 07.6 +0.2				
SDLR	Sedlovina	3.23 221	PN	Pn	05 51 07.6 +0.2				
KRX	Arik	3.25 224	eP	Pn	05 51 08.3 +0.5				
KRX	Arik	3.25 224	PN	Pn	05 51 08.3 +0.5				
SMAR	Somma	3.27 222	eP	Pn	05 51 08.3 +0.2				
SMAR	Somma	3.27 222	PN	Pn	05 51 08.3 +0.2				
AVH	Avacha	3.29 222	iP	Pn	05 51 09.2 +1.0				
AVH	Avacha	3.29 222	PN	Pn	05 51 09.2 +1.0				
UGLR	Uglovaya	3.30 221	eP	Pn	05 51 08.9 +0.5				
UGLR	Uglovaya	3.30 221	PN	Pn	05 51 08.9 +0.5				
KOK	Koryaka	3.31 224	eP	Pn	05 51 09.3 +0.8				
KOK	Koryaka	3.31 224	PN	Pn	05 51 09.3 +0.8				
GNL	Ganally	3.32 234	iP	Pn	05 51 09.3 +0.6				
GNL	Ganally	3.32 234	PN	Pn	05 51 09.3 +0.6				
PET	Petropavlovsk	3.51 221	eP	Pn	05 51 11.7 +0.5				
PET	Petropavlovsk	3.51 221	eS	Sn	05 51 52.6 +1.2				
PET	Petropavlovsk	3.51 221	PN	Pn	05 51 11.7 +0.5				
PET	Petropavlovsk	3.51 221	PN	Pn	05 51 52.6 +1.2				
comp-Z,66nm,0.5s			pmax	pmax					
comp-N,123nm,0.5s			smax	smax					
comp-E,96nm,0.6s			smax	smax					
OSSR	Ossora	3.53 5	eP	Pn	05 51 14.0 +2.6				
OSSR	Ossora	3.53 5	PN	Pn	05 51 14.0 +2.6				
PETK	Petropavlovsk	3.83 228	PN	Pn	05 51 16.5 +1.0				
PETK	Petropavlovsk	3.83 228	PN	Pn	05 51 16.5 +1.0				
RUS	Russkaya	4.04 216	eP	Pn	05 51 19.6 +1.1				
RUS	Russkaya	4.04 216	PN	Pn	05 51 19.6 +1.1				
APC	Apacha	4.19 230	eP	Pn	05 51 22.7 +2.3				
APC	Apacha	4.19 230	PN	Pn	05 51 22.7 +2.3				
ASAK	Asacha	4.30 220	eP	Pn	05 51 23.8 +1.7				
ASAK	Asacha	4.30 220	PN	Pn	05 51 23.8 +1.7				
MJAR	Matsushiro Arr	25.28 231	LR	LR	05 05 00.0				
ILAR	Eielson Array	26.00 49	P	P	05 55 47.8 +0.1				
H11N2	WAKE ISLAND Hy 36.13 173 T		T	T	06 36 20.6				
H11N3	WAKE ISLAND Hy 36.13 173 T		T	T	06 36 26.3				
H11N1	WAKE ISLAND Hy 36.13 173 T		T	T	06 36 29.5				
H11S1	WAKE ISLAND Hy 37.32 173 T		T	T	06 38 36.1				
H11S3	WAKE ISLAND Hy 37.32 173 T		T	T	06 37 59.8				
H11S2	WAKE ISLAND Hy 37.34 173 T		T	T	06 38 43.3				
YKA	Yellowknife Ar	40.30 45	P	P	05 57 51.8 0.0				
SFJD	Kangerlussuaq	55.10 15	LR	LR	06 23 24.6				
PFO	Pinyon Flats O	58.17 76	LR	LR	06 24 47.6				
FINES	FINES Array B	58.21 337	P	P	06 00 07.3 -1.2				
AKASG	Malin Array Be	67.02 330	P	P	06 01 05.6 -1.7				
TXAR	Lajitas Array	68.38 70	P	P	06 01 17.6 +1.1				

SGD	Sagiada	1.00 165	P	Pn	05 57 25.2 +0.8				
SGD	Sagiada	1.00 165	S	Sn	05 57 24.4 -0.1				
SGD	Sagiada	1.00 165	PN	Pn	05 57 24.4 -0.1				
SGD	Sagiada	1.00 165	PN	Pn	05 57 40.1 +1.3				
IGT	Igoumenitsa	1.10 163	S	Sb	05 57 39.5 -0.4				
IGT	Igoumenitsa	1.10 163	AML	AML	05 57 44.5				
IGT	Igoumenitsa	1.10 163	PN	Pn	05 57 25.6 -0.2				
IGT	Igoumenitsa	1.10 163	PN	Pn	05 57 43.8 +2.5				
IGT	Igoumenitsa	1.10 163	PN	Pn	05 57 25.6 -0.2				
IGNA	Florina	1.13 79	P	Pb	05 57 39.5 -0.4				
IGNA	Florina	1.13 79	S	Sb	05 57 29.1 -3.1				
IGNA	Florina	1.13 79	PN	Pn	05 57 39.5 -0.4				
IGNA	Florina	1.13 79	PN	Pn	05 57 42.9				
FNA	Florina	1.13 79	P	Pb	05 57 24.6 -1.4				
FNA	Florina	1.13 79	S	Sb	05 57 40.7 -0.3				
FNA	Florina	1.13 79	PN	Pn	05 57 24.6 -1.4				
FNA	Florina	1.13 79	PN	Pn	05 57 40.7 -0.3				
JAN	Janina	1.17 142	S	Sb	05 57 41.6 -0.5				
JAN	Janina	1.17 142	AML	AML	05 57 48.8				
JAN	Janina	1.17 142	PN	Pn	05 57 26.7 +0.2				
JAN	Janina	1.17 142	PN	Pn	05 57 44.9 +1.7				
JAN	Janina	1.17 142	PN	Pn	05 57 26.7 +0.2				
JAN	Janina	1.17 142	PN	Pn	05 57 44.9 +1.7				
MEV	Metsovon	1.29 128	P	Pb	05 57 28.1 -0.4				
MEV	Metsovon	1.29 128	P	Pb	05 57 28.4 -0.2				
MEV	Metsovon	1.29 128	P	Pb	05 57 30.2 -0.5				
KZN	Kozani	1.45 100	P	Pb	05 57 30.2 -0.5				
KZN	Kozani	1.45 100	P	Pb	05 57 30.2 -0.5				
KZN	Kozani	1.45 100	P	Pb	05 57 30.2 -0.5				
ULCJ	Ulcinj	1.47 340	iP	Pg	05 57 30.8 -0.1				
ULCJ	Ulcinj	1.47 340	eS	Sg	05 57 34.4 +3.3				
ULCJ	Ulcinj	1.47 340	PN	Pn	05 57 30.8 -0.1				
ULCJ	Ulcinj	1.47 340	PN	Pn	05 57 34.4 +3.3				
DRME	Dracevica, Mon	1.69 341	iP	Pb	05 57 34.6 -0.9				
DRME	Dracevica, Mon	1.69 341	eS	Sg	05 58 00.4 +2.1				
DRME	Dracevica, Mon	1.69 341	PN	Pn	05 57 34.6 -0.9				
DRME	Dracevica, Mon	1.69 341	PN	Pn	05 58 00.4 +2.1				
DSL	Palaion Diasel	1.71 147	P	Pb	05 57 37.9 +1.1				
DSL	Palaion Diasel	1.71 147	P	Pb	05 57 37.9 +1.1				
DSL	Palaion Diasel	1.71 147	P	Pb	05 58 02.2 +1.3				
DSL	Palaion Diasel	1.71 147	P	Pb	05 57 36.7 -0.1				
SKO	Skopje	1.81 39	P	Pb	05 57 36.1 +0.5				
SKO	Skopje	1.81 39	P	Pb	05 57 36.1 +0.5				
SKO	Skopje	1.81 39	P	Pb	05 57 36.1 +0.5				
SKO	Skopje	1.81 39	P	Pb	05 57 36.1 +0.5				
SKO	Skopje	1.81 39	P	Pb	05 58 01.1 +0.8				
SKO	Skopje	1.81 39	P	Pb	05 58 02.0				
SKO	Skopje	1.81 39	P	Pb	05 58 02.2				
SKO	Skopje	1.81 39	P	Pb	05 57 36.1 +0.5				
SKO	Skopje	1.81 39	P	Pb	05 57 36.5 -0.8				
SKO	Skopje	1.81 39	P	Pb	05 58 00.4 +0.2				
SKO	Skopje	1.81 39	P	Pb	05 58 01.0 +0.8				
SKO	Skopje	1.81 39	P	Pb	05 58 02.2				
BUM	Brajci-Budva	1.88 336	iP	Pn	05 57 36.8 +0.2				
BUM	Brajci-Budva	1.88 336	eS	Sg	05 58 04.8 +0.5				
BUM	Brajci-Budva	1.88 336	PN	Pn	05 57 36.8 +0.2				
BUM	Brajci-Budva	1.88 336	PN	Pn	05 58 04.8 +0.5				
LKD2	Lefkada island	1.88 162	P	Pb	05 57 36.5 -0.1				
LKD2	Lefkada island	1.88 162	P	Pb	05 57 36.5 -0.1				
PDG	Podgorica	1.91 345	iP	Pg	05 57 37.9 -1.2				
PDG	Podgorica	1.91 345	eS	Sg	05 58 03.0 -0.2				
PDG	Podgorica	1.91 345	PN	Pn	05 57 37.9 -1.2				
PDG	Podgorica	1.91 345	PN	Pn	05 58 03.0 -0.2				
PDG	Podgorica	1.91 345	PN	Pn	05 57 37.4 +0.5				
PDG	Podgorica	1.91 345	PN	Pn	05 58 05.5 +0.2				
PDG	Podgorica	1.91 345	PN	Pn	05 57 37.5 +0.5				
PDG	Podgorica	1.91 345	PN	Pn	05 58 03.0 -0.2				
PDG	Podgorica	1.91 345	PN	Pn	05 57 37.5 +0.5				
PDG	Podgorica	1.91 345	PN	Pn	05 58 06.0 +0.7				
PDG	Podgorica	1.91 345	PN	Pn	05 57 38.0 +0.7				
PDG	Podgorica	1.91 345	PN	Pn	05 58 10.8				
TTG	Podgorica	1.91 345	iP	Pg	05 57 37.5 +0.5				
TTG	Podgorica	1.91 345	eS	Sg	05 58 06.0 +0.7				
GRG	Griva	1.93 78	P	Pb	05 57 38.0 +0.7				

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ellipse: s-maj=253.6km s-min=23.9km az=51.0
ISCJB 21 06:27:42.0, 8.9, 2.7S, 0.08:117.76E, 0.04, h100km,
mb3.2/3, Error ellipse: s-maj=12.1km s-min=6.2km
az=179.9
DJA 21 06:27:42.6, 1.0, 9.9S: 11.118E: h53km, 1.2km, M3.9/8,
MLV3.9/8
ISC 21 06:27:43.8, 1.2, 9.3S: 0.1: 117.76E: 0.05, h100km, n12,
a152/16, mb3.4/3, Sumbawa region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like DBNI, TWSI, KHKI, etc.

ISC 21 06:33:55.2, 2.7, 46.18S: 72.82W, h0km, mb3.7/3,
mb1.4/0.4, mb1mx3.8/16, mbtmp3.8/4, ML3.7/1, MS3.0/1,
Ms1.3/0.1, ms1mx2.7/29, Error ellipse: s-maj=65.7km
s-min=52.1km az=144.0, Southern Chile

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like PLCA, CPUP, TXAR, etc.

ISC 21 06:35:39.0, 8.8, 55.58N: 163.90E, h0km, mb3.8/2,
mb1.3/6/3, mb1mx3.2/39, mbtmp3.6/3, ML1.7/1, Error
ellipse: s-maj=21.7km s-min=33.9km az=128.0
MOS 21 06:35:49.6, 0.9, 55.84N: 162.51E, h6km, mb4.1/1, Error
ellipse: s-maj=10.0km s-min=7.0km az=78.9
KRSC 21 06:35:49.0, 0.5, 55.76N: 162.48E, h56km, 1.4km, M3.8/3
ISCJB 21 06:35:50.0, 0.5, 55.80N: 0.03: 162.49E: 0.05, h56km, 6km,
mb3.8/2, Error ellipse: s-maj=5.2km s-min=4.6km
az=165.0

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like KBTR, KBG, ZLN, etc.

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Table with columns: PET, Petropavlovsk, ePN, Pn, 06 36 44.6 +1.0, etc. Includes stations like PET, PETK, H1N2, etc.

NIED 21 06:42:00, 37.30N, 142.20E, h26km, Mw3.5 Best double
couple: M2.18000x1014 NP1.0e35.00000, 848.00000,
lambda-37.00000, NP2.0e152.00000, 863.00000,
lambda-131.00000
IDC 21 06:42:45.0, 5.1, 37.27N: 142.43E, h0km, mb3.5/3,
mb1.3/6.4, mb1mx3.437, mbtmp3.5/4, ML3.5/1, Error
ellipse: s-maj=123.9km s-min=27.9km az=158.0
ISCJB 21 06:42:45.8, 1.6, 37.3N: 0.1: 142.4E: 0.1, h21km, mb3.4/3,
Error ellipse: s-maj=20.2km s-min=8.9km az=138.7
JMA 21 06:42:47.1, 0.3, 37.27N: 142.19E, h27km, 4km, M3.7
ISC 21 06:42:48.6, 1.7, 37.37N: 0.1: 142.2E: 0.1, h21km, n22,
a179/18, mb3.5/3, Off east coast of Honshu

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like JFK, ONAJ, JMM, etc.

NIED 21 06:46:00, 33.90N: 135.40E, h56km, Mw4.8 Best double
couple: M2.03000x1016 NP1.0e92.00000, 815.00000,
lambda-149.00000, NP2.0e301.00000, 882.00000,
lambda-77.00000
BUJ 21 06:46:03.8, 33.63N: 135.88E, h51km, mb4.8/58, mb4.9/39,
Ms4.2/47, Ms7.4/0.44
MOS 21 06:46:07.8, 1.0, 33.85N: 135.26E, h47km, mb5.2/35, Error
ellipse: s-maj=7.0km s-min=5.0km az=91.5
IDC 21 06:46:08.7, 1.2, 33.84N: 135.30E, h42km, 1km, mb4.2/28,
Ms1.4/3/3, mb1mx4.3/42, mbtmp4.5/33, ML4.3/4, MS3.7/12,
Ms1.3/8/12, ms1mx3.5/48, Error ellipse: s-maj=10.3km
s-min=7.6km az=0.0
ISCJB 21 06:46:09.1, 0.2, 33.85N: 0.02: 135.33E: 0.02, h55km, 1km,
mb4.8/132, MS4.0/19, Error ellipse: s-maj=3.7km
s-min=2.4km az=159.9
JMA 21 06:46:10.1, 33.88N: 135.36E, h53km, 1km, M4.8
Broadband fault plane solution: P waves. NP1:
phi=301.00000, delta1.00000, lambda-97.00000. NP2:
phi=161.00000, delta1.00000, lambda-50.00000. Principal axes:
T P1g3.0000, Azm37.0000; N P1g7.0000,
Azm302.0000; P P1g53.0000, Azm202.0000;
JMA Felt IV: 1.0, 4.0, 4.0, 33.84N: 135.32E, h55km, 3km, mb4.9/66
Error ellipse: s-maj=4.2km s-min=2.9km az=147.0
NEIC Felt [I] at Hirakata and Kobe. Also felt at Gobo, Ikoma,
Izumi, Izumi-Sano, Matsuzaka, Nagoya, Osaka, Sumoto and
Yawata. Recorded [4 JMA] in Wakayama; [3 JMA] in
Nara; [2 JMA] in Hyogo, Kyoto, Mie, Okayama, Osaka and
Shiga; [1 JMA] in Aichi, Fukui, Gifu, Hiroshima, Shizuoka
and Yamaguchi. Also recorded [2 JMA] in Kagawa, Kochi
and Tokushima and [1 JMA] in Ehime, Shikoku.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like KURB, ILAR, H1N1, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like QZH, WHN, WHN, etc.

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Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Includes stations like JHU, JNU, JNU, etc.

PEAOB	Petropavlovsk-comp=Z,52nm,1.1s	24.98	33	eP	P	06 51 28.5	-0.4
PETK	Petropavlovsk-comp=Z,29nm,1.0s,baz=200,slow=7.9,SNR=13	24.98	33	P	P	06 51 28.5	-0.4
PETK	comp=Z,264nm,21.6s,baz=229,slow=35			LR	LR	07 00 53.6	
PEA1	Petropavlovsk	24.99	33	eP	P	06 51 28.5	-0.4
PET	Petropavlovsk	25.37	34	eP	P	06 51 32.9	+0.6
PET				eP	pP	06 51 33.6	-1.3
PET				eP	pP	06 51 33.7	+1.4
PET				ePP	pP	06 51 47.1	+0.9
PET				e	S	06 55 08.2	
PET				eSS	S	06 55 53.6	-1.0
PET				eSS	sS	06 56 17.5	-0.9
PET	comp=Z,77nm,1.1s				pmax		
PET	comp=Z,600nm,17.0s			MLR	MLR		
PET	comp=Z,900nm,16.0s			MLR	MLR		
ULN	Ulanbaatar	25.39	312	eP	P	06 51 32.7	-0.1
ULN	Ulanbaatar	25.39	312	eP	P	06 51 32.7	-0.1
ULN	comp=Z,17nm,1.1s				pmax		
SONA0	Songino Array	25.79	311	eP	P	06 51 36.2	-0.2
SONA1	Songino Array	25.79	311	eP	P	06 51 36.0	-0.3
SONM	Songino Array	25.79	311	eP	P	06 51 36.2	-0.2
SONM	comp=Z,12nm,0.8s,baz=124,slow=8.9,SNR=66			LR	LR	07 01 48.0	
GVA	Guiyang	25.81	261	P	P	06 51 36.9	+0.1
GVA				pP	pP	06 51 50.3	+0.4
GVA				pP	sP	06 51 55.4	-2.0
GVA				pP	Pn	06 52 20.0	+3.9
GVA				pP	PcP	06 55 06.8	+1.7
GVA				pP	S	06 56 01.0	-1.4
GVA				sS	S	06 56 22.4	+3.9
GVA				sS	SnSn	06 57 08.4	+5.8
GVA	comp=Z,20nm,0.8s				pmax		
GVA	comp=Z,120nm,4.9s				pmax		
GVA	comp=Z,540nm,16.8s			LR	LR		
GVA	comp=Z,480nm,17.5s			LR	LR		
LZH	Lanzhou	25.85	284	eP	P	06 51 36.8	-0.3
LZH				pP	pP	06 51 49.3	-1.7
LZH				pP	sP	06 51 55.5	-2.3
LZH				pP	Pn	06 52 19.5	+2.9
LZH				eS	S	06 56 01.0	-1.4
LZH				sS	S	06 56 24.0	-2.8
LZH				eSS	SnSn	06 57 11.6	+8.2
LZH	comp=Z,37nm,1.0s				pmax		
LZH	comp=Z,250nm,6.0s				pmax		
LZH	comp=Z,490nm,12.5s			LR	LR		
LZH	comp=Z,430nm,12.0s			LR	LR		
LZH	comp=Z,960nm,15.3s			LR	LR		
CD2	Chengdu	26.78	272	P	P	06 51 44.8	-0.6
CD2				pP	pP	06 51 57.8	-1.6
CD2				S	S	06 56 17.8	+0.3
CD2				sS	S	06 56 40.4	-1.0
CD2				sS	SnSn	06 57 31.8	+5.8
CD2	comp=Z,50nm,0.8s				pmax		
CD2	comp=Z,130nm,5.4s				pmax		
CD2	comp=Z,520nm,16.8s			LR	LR		
CD2	comp=Z,690nm,15.6s			LR	LR		
QIZ	Qiongzong	27.09	243	P	P	06 51 47.8	-0.4
QIZ				pP	pP	06 52 01.1	-1.1
QIZ				S	S	06 56 24.3	+1.8
QIZ				sS	LR	06 56 45.9	-0.5
QIZ	comp=Z,260nm,23.1s			LR	LR		
MA2	Magadan	27.67	17	P	P	06 51 52.5	-0.5
YAK	Yakutsk	28.42	354	LR	LR	07 03 11.5	
YAK	Yakutsk	28.42	354	eP	P	06 51 58.7	-0.9
YAK	Yakutsk	28.42	354	eP	P	06 51 58.6	-1.0
YAK	comp=Z,17nm,0.9s				pmax		
YAK	comp=N,10.0nm,1.4s				pmax		
YAK	comp=E,4.0nm,0.9s				pmax		
ZAK	Zakamensk	28.65	315	eP	P	06 52 00.6	-1.4
ZAK	comp=Z,6.0nm,1.2s				pmax		
GTA	Gaotai	28.91	291	eP	P	06 52 04.3	-0.2
GTA				pP	pP	06 52 15.6	-3.0
GTA				sP	S	06 52 21.9	-3.5
GTA				S	S	06 56 49.8	-1.4
GTA	comp=Z,9.0nm,0.8s				pmax		
GTA	comp=Z,89nm,5.9s			LR	LR		
GTA	comp=Z,390nm,17.3s			LR	LR		
GTA	comp=Z,340nm,17.6s			LR	LR		
TLY	Talaya	28.98	318	P	P	06 52 04.0	-0.8
TLY	comp=Z,1.1nm,0.6s,baz=294,slow=14,SNR=2.2				pmax		
TLY	Talaya	28.98	318	eP	P	06 52 10.6	+5.8
TLY	comp=Z,6.0nm,1.6s				MLR		
KMI	Kunming	29.58	262	P	P	06 52 12.0	+1.4
KMI				pP	pP	06 52 25.3	+0.5
KMI				sP	S	06 52 31.3	-0.1
KMI				pP	Pn	06 53 09.4	+2.0
KMI				S	S	06 57 00.6	-1.5
KMI				sS	S	06 57 24.4	-1.6
KMI				sS	SnSn	06 58 36.9	+2.2
KMI	comp=Z,26nm,0.6s				pmax		
KMI	comp=Z,140nm,5.2s				pmax		
KMI	comp=Z,250nm,15.1s			LR	LR		
KMI	comp=Z,280nm,15.9s			LR	LR		
KMI	comp=Z,550nm,15.7s			LR	LR		
SEY	Seymchan	31.01	15	P	P	06 52 22.1	-0.4
SEY	comp=Z,2.6nm,0.7s,baz=197,slow=6.5,SNR=12				pmax		
H1N2	WAKE ISLAND Hy 31.34 109			T	T	07 25 03.3	
H1N1	WAKE ISLAND Hy 31.35 109			T	T	07 25 04.1	
H1N3	WAKE ISLAND Hy 31.36 109			T	T	07 25 04.6	
H1S3	WAKE ISLAND Hy 31.87 111			T	T	07 25 45.7	
H1S1	WAKE ISLAND Hy 31.87 111			T	T	07 25 44.7	
H1S2	WAKE ISLAND Hy 31.88 111			T	T	07 25 43.9	
PANO	Nakornpanom	32.18	247	P	P	06 52 34.6	+1.3
PANO	comp=Z,21nm,1.2s,comp=Z,3um				pmax		
UBPT	Khong Chiam	32.69	243	P	P	06 52 39.0	+1.3
SDKM	Sandakan	32.74	215	pP	P	06 52 38.3	+0.1
NONG	Nongkat	32.77	249	P	P	06 52 39.2	+0.7
LOEI	Loei	34.56	250	P	P	06 52 51.2	-2.8
LOEI	comp=Z,45nm,0.9s,comp=Z,9um						
LOEI	comp=Z,24nm,1.0s						

PHRA	Phrae	34.83	253	P	P	06 52 56.7	+0.4
CHAI	Chaiyaphum	34.93	247	P	P	06 52 57.4	+0.1
UTTA	Uttaradit	34.98	251	P	P	06 52 58.0	+0.3
CMAI	Chiangmai2	35.02	256	P	P	06 52 59.0	+0.8
PBKT	Sadaong	35.33	249	P	P	06 53 00.9	+0.3
CMMT	Chiang Mai	35.68	254	P	P	06 53 05.1	+1.4
CHTO	Chiang Mai	35.69	254	P	P	06 53 05.2	+1.5
CHTO	Chiang Mai	35.69	254	eP	P	06 53 04.2	+0.4
CHTO	Chiang Mai	35.69	254	eS	S	06 58 36.8	+0.3
CHTO	Chiang Mai	35.69	254	eP	S	06 53 04.2	+0.4
CHTO	Chiang Mai	35.69	254	eP	S	06 58 36.8	+0.3
SUKH	Sukhothai	35.86	252	P	P	06 53 05.7	+0.5
CM31	Chiang Mai Arr	35.88	254	P	P	06 53 05.8	+0.4
CMAR	Chiang Mai Arr	35.88	254	P	P	06 53 04.8	-0.6
CMAR	comp=Z,2.9nm,0.7s,baz=48,slow=7.7,SNR=18			PcP	PcP	06 55 31.1	-0.5
CM01	Chiang Mai Arr	35.88	254	eP	P	06 53 05.5	+0.1
CM02	Chiang Mai Arr	35.88	254	eP	pP	06 53 20.9	+1.2
FAKI	Fak Fak	36.70	185	eP	P	06 53 11.4	-0.9
UMPA	Umpa	37.19	251	P	P	06 53 18.4	+1.8
WMQ	Urumqi	37.96	300	P	P	06 53 23.3	+0.4
WMQ				pP	pP	06 53 30.0	-0.3
WMQ				sP	sP	06 53 45.6	+1.7
WMQ				pP	Pn	06 54 54.9	+2.7
WMQ				S	S	06 59 11.3	+0.5
WMQ				Ss	SnSn	07 01 52.1	-4.9
WMQ				ScS	ScS	07 03 30.8	+1.0
WMQ	comp=Z,17nm,1.2s				pmax		
SBUM	Sibu	37.99	220	eP	P	06 53 23.3	0.0
TIXI	Tiksi	38.01	357	eP	P	06 53 21.9	-0.9
TIXI	Tiksi	38.01	357	iP	P	06 53 21.5	-1.3
SRDT	SRDT	38.07	248	P	P	06 53 25.5	+1.5
KHLT	Khaolaem Dam	38.22	249	P	P	06 53 26.0	+0.7
BILL	Bilibino	38.52	18	eP	P	06 53 27.6	+0.3
BILL	Bilibino	38.52	18	iP	pP	06 53 41.3	-0.3
BILL	Bilibino	38.52	18	ePP	pP	06 53 27.5	+0.3
BILL	Bilibino	38.52	18	e	e	06 55 01.8	
BILL	Bilibino	38.52	18	e	pmax	06 55 38.6	
BILL	comp=Z,29nm,1.2s				MLR		
KSM	Kuching	39.84	221	eP	P	06 53 39.6	+0.8
ZALV	Zalesovo Beam	40.53	315	P	P	06 53 44.5	+0.4
ZALV	comp=Z,0.8nm,0.5s,baz=112,slow=10,SNR=2.7				PcP	06 55 44.6	-0.9
ZAA1	Zalesovo Array	40.53	315	eP	P	06 53 44.5	+0.4
ZAA1	Zalesovo Array	40.53	315	eP	PcP	06 55 44.6	-0.9
TAPN	Taplejung	41.22	274	eP	P	06 53 50.0	-0.4
KAPI	Kappang	41.38	204	P	P	06 53 51.0	-0.4
KAPI	Kappang	41.38	204	eP	P	06 53 51.0	-0.4
NVS	Novosibirsk	41.58	317	eP	P	06 53 50.8	-1.9
SKLT	Songkhla	41.63	238	P	P	06 53 55.3	+1.7
MK01	Makanchi Array	41.69	304	eP	P	06 53 53.1	-0.7
MK31	Makanchi Array	41.70	304	eP	P	06 53 53.0	-0.2
MK31	Makanchi Array	41.70	304	iP	P	06 53 53.9	0.0
MK31	Makanchi Array	41.70	304	eP	pmax		
MK32	Makanchi Array	41.70	304	eP	P	06 53 54.1	+0.3
MKAR	Makanchi Array	41.70	304	P	P	06 53 54.1	+0.3
SURT	Suratani	41.73	242	P	P	06 53 55.0	+0.6
TRTT	Trang	41.83	240	P	P	06 53 55.9	+0.7
MAKZ	Makanchi	41.91	304	eP	P	06 53 55.9	+0.3
MAKZ	Makanchi	41.91	304	eP	pmax		
RAMN	Ramite	42.28	274	eP	P	06 53 58.6	-0.5
JIRN	Jiri	42.36	275	eP	P	06 54 00.1	+0.2
GUN	Gumba	42.53	276	eP	P	06 54 01.2	-0.1
PKDT	Phuket	42.78	241	P	P	06 54 03.6	+0.7
KULM	Kulim	42.94	236	eP	P	06 54 04.9	+0.7
IPM	Ipo	43.26	235	pP	P	06 54 07.0	+0.2
IPM	Ipo	43.26	235	eP	P	06 54 06.7	-0.2
PDGK	Podgomoye	43.94	300	P	P	06 54 11.3	-0.7
KURK	Kurchatov	44.08	310	P	P	06 54 12.4	-0.5
KURK	Kurchatov	44.08	310	eP	P	06 54 12.5	-0.5
KURK	Kurchatov	44.08	310	P	P	06 54 12.2	-0.8
KURK	Kurchatov	44.14	310	P	P	06 54 13.0	-0.5
NRIK	Nori'sk	44.20	338	LR	LR	07 14 32.2	
KOLN	Koldan	44.47	277	eP	P	06 54 16.1	-0.6
PYUN	Piuthan	44.85	277	eP	P	06 54 19.5	-0.2
PSI	Prapat	45.91	236	eP	P	06 54 27.9	-0.2
PSI	Prapat	45.91	236	eP	pmax		
ULHL	Ulaha	46.47	298	P	P	06 54 33.1	+0.8
MTN	Manton Dam	46.62	186	eP	P	06 54 31.9	-1.4
TKM2	Tokmak 2</						

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Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like SEUS, SABA, ANWB, ICMF, etc.

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Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like KMSC, VBMS, 440A, 735A, etc.

21d 6h

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like DBIC, Dimbokro, UTMF, etc.

21d 6h

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like WMIK, S40A, V35A, HRV, HRV, U36A, T38A, SLM, SLM, M54A, W33A, BINY, B39A, V34A, V34A, SYO, ALLY, T37A, TRY, TRY, U35A, W32A, S38A, R40A, R43A, MNTX, MNTX, T36A, R39A, SFIN, SFIN, ERPA, ERPA, T35A, U34A, U34A, V32A, S37A, R38A, Q40A, U33A, ACCN, MSTX, MSTX, S36A, T34A, HNH, AMTX, AMTX, Q39A, R37A, U32A, S35A, P40A, Q38A, HDIL, HDIL, MDV, R36A, T33A, P39A, NCB, NCB, S34A, Q37A, U31A, LBNH, LBNH, R35A, WV, O40A, EMMW, S33A, T32A, P38A, Q36A, U30A, T31A, O39A, R34A, Q35A, LONY, VANDA, VANDA.

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Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like VVND, U29A, S32A, 319A, O38A, FRNY, 121A, PKME, R30A, R33A, S31A, P36A, Q34A, KSU1, KSU1, O37A, N39A, P35A, SUR, SUR, SUR, SUR, SUR, SUR, SUR, SUR, R32A, N38A, O36A, T29A, S30A, PLVO, Q33A, BNM, SADO, P34A, R31A, Y22D, Y22D, LPM, N37A, S29A, Q32A, P33A, O35A, R30A, M38A, N36A, LAZ, S28A, O34A, ANMO, ANMO, ANMO, CBKS, CBKS, CBKS, Q31A, M37A, N35A, PQI, O33A, P32A, JFWS, JFWS, SCIA, R29A, TUC, TUC, TUC, Q30A, L38A, M36A, P31A, N34A, R28A, GLMI, Q29A, L37A, Q32A, T25A, T25A, M35A, N33A, K38A.

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Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like P30A, L36A, O31A, M34A, N32A, Q28A, K37A, P29A, LMQ, 214A, L35A, J38A, O30A, K36A, M33A, N31A, L34A, KSCO, KSCO, PMOZ, X18A, P28A, TSUM, TSUM, TSUM, O29A, PMAR, BGNE, BGNE, J37A, K35A, SDCO, SDCO, W18A, W18A, N30A, M31A, I38A, J36A, L33A, K34A, O28A, TBI, TBI, TBI, L32A, N29A, K33A, I37A, X16A, J35A, N28A, S22A, S22A, M30A, I36A, J34A, VLDO, TOC5, TOC5, TOB4, TOB4, TOC4, TOC4, TOB5, TOB5, TOC7, TOC7, TOA0, TOA0, TOA0, TOA1, TOA1, TOB3, TOB3, TOB1, TOB1, TOB2, TOB2, L31A, L31A, TOC3, TOC3, TOC1, TOC1, TOC2, TOC2.

Q24A	Divide	75.84	329	P	P	07	10	23.7	+0.8
Q24A	Divide	75.84	329	eP	P	07	10	23.5	+0.6
H37A	Dierks Farm	75.88	340	P	P	07	10	22.4	-0.2
I35A	Creekview Farm	75.90	338	P	P	07	10	22.1	-0.6
K32A	Vidrigre	75.91	335	P	P	07	10	22.1	-0.8
M29A	Burnside Ranch	75.93	333	P	P	07	10	23.7	+0.7
L30A	Spencer Herefo	75.97	334	P	P	07	10	23.5	+0.3
Y14A	Wickenburg	76.07	320	eP	P	07	10	24.3	+0.4
OGNE	Ogallala	76.07	332	P	P	07	10	24.6	+0.7
OGNE	Ogallala	76.07	332	eP	P	07	10	24.4	+0.6
MVCO	Mesa Verde	76.09	325	P	P	07	10	25.2	+1.0
MVCO	Mesa Verde	76.09	325	eP	P	07	10	24.7	+0.5
J33A	Davis	76.12	336	P	P	07	10	23.4	-0.6
M28A	Bar X Bar Ranch	76.17	332	P	P	07	10	25.3	+0.9
K31A	O'Neill	76.18	335	P	P	07	10	24.2	-0.2
COWI	Conover	76.19	343	eP	P	07	10	24.3	0.0
H36A	Jessenland, He	76.20	339	P	P	07	10	24.0	-0.3
WUAZ	Wupatki	76.32	322	P	P	07	10	26.3	+0.8
WUAZ	Wupatki	76.32	322	eP	P	07	10	26.3	+0.8
MEH	Mehetia	76.33	257	eP	P	07	10	31.8	+6.0
ECSD	EROS Data Cent	76.36	337	P	P	07	10	24.8	-0.5
ECSD	EROS Data Cent	76.36	337	eP	P	07	10	24.7	-0.6
I34A	Hadley	76.36	337	P	P	07	10	24.8	-0.6
L29A	Maesberg Ranch	76.37	333	P	P	07	10	25.6	+0.1
SPMN	Marine on St.	76.43	340	P	P	07	10	24.8	-0.8
SPMN	Marine on St.	76.43	340	eP	P	07	10	24.7	-0.9
J32A	Parkston	76.48	336	P	P	07	10	25.2	-0.8
GLA	Glamis	76.49	318	P	P	07	10	26.8	+0.5
GLA	Glamis	76.49	318	eP	P	07	10	26.9	+0.5
GLA	Glamis	76.49	318	eP	pmx	07	10	26.9	+0.5
K30A	Basset	76.55	334	P	P	07	10	26.2	-0.2
H35A	Sunside Ranc	76.60	338	P	P	07	10	26.0	-0.6
I33A	Coleman	76.69	337	P	P	07	10	26.6	-0.6
ISCO	Idaho Springs	76.72	329	P	P	07	10	28.4	+0.6
ISCO	Idaho Springs	76.72	329	eP	P	07	10	28.4	+0.6
ISCO	Idaho Springs	76.72	329	eP	pmx	07	10	28.4	+0.6
G36A	St. Michael	76.73	339	P	P	07	10	26.6	-0.7
J31A	Geidde	76.74	335	P	P	07	10	26.7	-0.8
L28A	Connealy Angus	76.75	333	P	P	07	10	28.2	+0.5
Y12C	Blythe	76.81	319	P	P	07	10	28.7	+0.7
Y12C	Blythe	76.81	319	eP	P	07	10	28.8	+0.7
PV01	Paradox Valley	76.84	326	eP	P	07	10	29.2	+0.7
SMCO	Snowmass	76.87	328	eP	P	07	10	29.7	+0.9
H34A	Spellman Lake	76.89	338	P	P	07	10	27.9	-0.4
K29A	Lazy Trails An	76.90	334	P	P	07	10	28.8	+0.4
I32A	Karley and Nic	76.91	336	P	P	07	10	28.0	-0.5
G35A	Watkins	76.95	339	P	P	07	10	27.9	-0.7
IBP	Imperial Bould	76.97	317	P	P	07	10	29.3	+0.2
PDMC	Parker Dam,Lak	76.98	320	P	P	07	10	29.2	+0.2
SWSC	Sam W. Stewart	76.99	318	P	P	07	10	29.4	+0.2
VAH	Vaihoa	77.03	259	eP	P	07	10	35.9	+6.1
J30A	Dallas	77.06	335	P	P	07	10	29.0	-0.3
PV05	Paradox Valley	77.06	325	eP	P	07	10	29.9	+0.2
F36A	Milaca	77.22	340	P	P	07	10	29.2	-1.0
H33A	Prehn Overstor	77.23	337	P	P	07	10	30.0	-0.2
PV10	Paradox Valley	77.26	326	eP	P	07	10	31.2	+0.4
K28A	Ten Mile Ranch	77.27	333	P	P	07	10	31.3	+0.7
BC3	Big C Starwall	77.29	319	P	P	07	10	31.1	+0.2
I31A	Royce, Wessing	77.30	336	P	P	07	10	29.9	-0.7
H32A	Carlson Farm,	77.32	337	P	P	07	10	30.2	-0.5
MONP2	Monument Peak	77.33	317	P	P	07	10	32.0	+0.7
BAR	Barrett	77.33	317	eP	P	07	10	31.5	+0.4
G34A	Benson	77.35	338	P	P	07	10	29.8	-1.0
PMOR	Pomariorio Ree	77.37	260	eP	P	07	10	37.9	+6.2
TVO	Taravao	77.39	256	eP	P	07	10	38.1	+6.2
PV09	Paradox Valley	77.40	326	eP	P	07	10	32.4	+0.7
W13A	Hualapai Mount	77.41	321	eP	P	07	10	32.4	+0.7
J29A	Okreek	77.44	334	P	P	07	10	31.4	-0.1
IRM	Iron Mountain	77.46	319	P	P	07	10	32.4	+0.6
B05A	Boshof	77.48	116	P	P	07	10	32.0	-0.4
B05A	Boshof	77.48	116	eP	LR	07	10	48.1	
B05A	Boshof	77.48	116	eP	P	07	10	32.1	-0.3
B05A	Boshof	77.48	116	eP	pmx	07	10	32.0	-0.4
U15A	North Rim	77.49	322	eP	P	07	10	33.1	+0.9
E37A	Wrenshall	77.52	341	P	P	07	10	31.2	-0.5
I30A	Oacoma	77.53	335	P	P	07	10	31.7	-0.3
F35A	Swanville	77.55	339	P	P	07	10	31.3	-0.6
G33A	Ortonville	77.57	338	P	P	07	10	31.1	-1.0
NEE2	Needles Airpor	77.59	320	P	P	07	10	33.0	+0.6
H31A	Wolsey	77.67	336	P	P	07	10	31.7	-1.0
F34A	Alexandria	77.71	339	P	P	07	10	32.5	-0.4
PAE	Paea	77.73	256	eP	P	07	10	39.7	+6.0
E36A	McGregor	77.73	340	P	P	07	10	32.2	-0.7
I09C	Camp Elliot, M	77.74	317	P	P	07	10	33.8	+0.4
N23A	Red Feather La	77.75	329	P	P	07	10	34.3	+0.7

N23A	Red Feather La	77.75	329	eP	P	07	10	34.3	+0.7
PP2T	Papeete2	77.75	256	eP	P	07	10	40.1	+6.2
PP2T	Papeete2	77.75	256	eS	S	07	20	28.4	+2.0
PP2T	Papeete2	77.75	256	eLQ	LQ	07	31	25.8	
PP2T	Papeete	77.76	256	eLR	LR	07	34	43.5	
SUSD	Miller	77.81	336	P	P	07	10	33.0	-0.5
J28A	Allard Ranch,	77.82	334	P	P	07	10	33.8	+0.2
MAW	Mawson	77.83	162	eP	P	07	10	33.1	-0.3
MAW	Mawson	77.83	162	eP	pmx	07	10	33.1	-0.3
MAW	Mawson	77.83	162	eP	pmx	07	10	33.1	-0.3
BELC	Belle Mtn. Jos	77.85	318	P	P	07	10	34.2	+0.1
PFO	Pinyon Flats O	77.85	318	P	P	07	10	34.2	+0.1
PFO	Pinyon Flats O	77.85	318	P	P	07	10	34.7	+0.5
PFO	Pinyon Flats O	77.85	318	eP	P	07	10	34.8	+0.7
PFO	Pinyon Flats O	77.85	318	eP	pmx	07	10	34.8	+0.7
PHWV	Pilot Hill	77.86	330	eP	P	07	10	34.7	+0.5
I29A	Vivian Onida	77.96	335	P	P	07	10	33.9	-0.4
J27A	Elkhorn Farm,	77.98	333	P	P	07	10	35.2	+0.7
G32A	Webster	77.99	337	P	P	07	10	33.7	-0.7
C39A	Grand Marais	78.03	343	P	P	07	10	33.7	-0.9
D37A	Cotton	78.06	341	P	P	07	10	34.4	-0.4
F33A	5 Mile Ranch,	78.09	338	P	P	07	10	34.1	-0.9
LDFC	Landfair	78.09	320	eP	P	07	10	36.5	+1.1
E35A	Pequot Lakes	78.12	340	P	P	07	10	34.6	-0.5
GMRC	Granite Mounta	78.20	319	P	P	07	10	36.5	+0.5
G31A	Conroy	78.22	337	P	P	07	10	35.0	-0.7
O20A	White River Ci	78.23	327	P	P	07	10	36.8	+0.7
O20A	White River Ci	78.23	327	eP	P	07	10	36.8	+0.7
C38A	Sawbill Land.	78.25	342	P	P	07	10	34.5	-1.3
PKCU	Pink Cliffs	78.25	323	eP	P	07	10	37.8	+1.3
I28A	Midland	78.28	334	P	P	07	10	35.8	-0.2
MMU	Miners Mountai	78.28	324	eP	P	07	10	37.1	+0.6
MURC	Murrieta	78.29	317	P	P	07	10	36.9	+0.5
D36A	Goodland	78.30	341	P	P	07	10	35.5	-0.6
E34A	Wadena	78.32	339	P	P	07	10	35.6	-0.6
F32A	Veblen	78.40	338	P	P	07	10	36.0	-0.7
H29A	Onida	78.44	335	P	P	07	10	36.3	-0.7
LCMT	Little Creek M	78.44	322	eP	P	07	10	37.9	+0.6
J26A	Sides Ranch, S	78.47	332	P	P	07	10	37.9	+0.6
G30A	Faulon	78.47	336	P	P	07	10	36.1	-1.0
D35A	Remer	78.48	340	P	P	07	10	36.7	-0.4
C37A	Embarrass	78.51	341	P	P	07	10	37.0	-0.3
EYMN	Ely	78.52	342	P	P	07	10	36.5	-0.8
EYMN	Ely	78.52	342	eP	P	07	10	37.0	-0.3
SRU	San Rafael Swe	78.57	325	eP	P	07	10	38.4	+0.4
SRU	San Rafael Swe	78.57	325	eP	pmx	07	10	38.4	+0.4
BBRC	Big Bear Solar	78.58	318	P	P	07	10	38.9	+0.7
E33A	Westby DABS, E	78.58	339	P	P	07	10	36.9	-0.8
MTPU	Mount Pierson	78.63	324	eP	P	07	10	39.4	+0.8
HEC	Hector,Ludlow	78.63	319	P	P	07	10	39.1	+0.8
I27A	Quinn	78.68	334	P	P	07	10	38.6	+0.2
SC12	San Clemente I	78.69	316	P	P	07	10	38.6	0.0
C36A	Pin Crest Far	78.73	341	P	P	07	10	38.0	-0.4
F31A	Hecla	78.78	337	P	P	07	10	38.3	-0.5
H28A	Mission Ridge	78.79	334	P	P	07	10	38.7	-0.2
G29A	Hoven	78.81	335	P	P	07	10	38.7	-0.3
TUQ	Turquoise Moun	78.82	320	eP	P	07	10	40.1	+0.7
P18A	Prenton Nutter	78.82	326	eP	P	07	10	40.3	+0.8
J25A	Sunshine Ranch	78.83	332	P	P	07	10	39.6	+0.3
D34A	Par Rapids	78.84	339	P	P	07	10	38.2	-0.9
CIS	Catalina Islan	78.89	317	P	P	07	10	40.1	+0.3
CCUT	Cedar City	78.90	323	eP	P	07	10	41.4	+1.2
P17A	Butcher Ranch	78.95	325	eP	P	07	10	40.6	+0.5
I26A	New Underwood	78.97	333	P	P	07	10	40.0	0.0
MSU	Marysvale	78.97	324	eP	P	07	10	41.2	+0.9
MSU	Marysvale	78.97	324	eP	P	07	10	41.2	+0.9
BFSO	Mount Baldy Ra	79.01	318	P	P	07	10	40.6	+0.1
C35A	Jirik Farms, M	79.01	340	P	P	07</			

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Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like MDND Maddock, HWUT Hardware Ranch, D27A Center, B30A Myrvik Farm, etc.

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like QLMTE Earthquake Lak, PVCE Castro Verde, PNCL Nicolai Gran, MESJ Mesesjana, etc.

Table with columns: Station ID, Name, Frequency, Power, and other technical details. Includes stations like KHMM Horse Mountain, K04D Chiloquin, BLMT Blacktail Moun, BSMT Bassoo Peak, etc.

CN2		ePP	PP	07 23 02.3	-1.8		
CN2	comp=Z,400nm,7.0s	AMB	AMB				
CN2	comp=Z,300nm,16.0s	LR	LR				
CN2	comp=Z,300nm,16.0s	LR	LR				
CN2	comp=Z,500nm,19.0s	LR	LR				
GTA	Gaotai	162.21	43	ePKP	PKP	07 18 38.0	-0.2
GTA				PKPab	PKPab	07 19 28.0	+3.0
GTA				SKKS	SKKS	07 29 59.3	
GTA				SS	SS	07 43 31.8	+2.6
SUKH	Sukhothai	162.63	120	P	PKP	07 23 18.5	+6.9
CM01	Chiang Mai Arr	162.63	117	ePKP	PKP	07 18 39.1	+0.1
CM01				PKPab	PKPab	07 19 26.8	-0.5
CMAR	Chiang Mai Arr	162.64	116	ePKP	PKP	07 18 38.6	-0.4
CMAR	comp=Z,1.6nm,0.4s,baz=256,slow=2.9,SNR=1.9			PKPab	PKPab	07 19 27.3	0.0
CMAR	comp=Z,5.2nm,0.9s,baz=245,slow=4.7,SNR=6.3			PKP	PKP	07 23 15.1	+3.3
CMAR	comp=Z,1.0nm,0.3s,baz=243,slow=5.0,SNR=3.2			PKPab	PKPab	07 19 33.0	+4.8
CHTO	Chiang Mai	162.83	115	P	PKP	07 19 39.0	-0.2
CHTO	comp=Z,194nm,1.4s			PKP	PKP	07 23 19.7	+6.9
CHTO	Chiang Mai	162.83	115	P	PKP	07 18 39.3	+0.1
CHTO	comp=Z,127nm,1.3s			PKP	PKP	07 18 39.3	+0.1
CHTO	Chiang Mai	162.83	115	P	PKP	07 18 39.3	+0.1
CHTO	SNR=18			PKP	PKP	07 18 39.0	-0.2
CHTO	Chiang Mai	162.83	115	ePKP	PKP	07 19 28.8	+0.7
CHTO				PKPab	PKPab	07 19 39.0	-0.2
CHTO	Chiang Mai	162.83	115	ePKP	PKP	07 19 28.8	
CHTO				PKPab	PKPab	07 19 33.0	+4.8
CMMT	Chiang Mai	162.83	115	P	PKP	07 23 19.6	+6.7
CMMT	comp=Z,43nm,1.4s			PKP	PKP	07 19 34.5	+5.4
PHIT	Phitsanulok	163.05	123	P	PKP	07 19 35.6	+5.7
LAMP	Lampang	163.22	117	P	PKP	07 19 32.1	+0.9
LAMP	comp=Z,5.9nm,1.2s			PKP	PKP	07 23 18.6	+2.1
CMAI	Chiangmai2	163.47	112	P	PKP	07 19 36.0	+5.0
CMAI	comp=Z,36nm,1.5s			PKP	PKP	07 23 23.9	+7.8
UTTA	Uttaradit	163.49	121	P	PKP	07 23 23.9	+7.8
UTTA	comp=Z,12nm,1.2s			PKP	PKP	07 18 40.0	-0.7
UTTA	Uttaradit	163.49	121	P	PKP	07 18 40.0	-0.7
UTTA	comp=Z,5.5nm,1.4s			PKP	PKP	07 19 38.1	+0.2
KSR5	Korea Array	165.19	317	PKP	PKP	07 23 29.2	+4.7
KSR5	comp=Z,9.7nm,1.0s,baz=140,slow=1.5,SNR=15			PKPab	PKPab	07 18 40.3	-0.5
KSR5	comp=Z,9.7nm,1.0s,baz=140,slow=1.5,SNR=15			PKPab	PKPab	07 18 39.7	-1.1
KSR5	comp=Z,4.8nm,0.8s,baz=58,slow=4.0,SNR=5.8			PKP	PKP	07 18 40.0	-0.2
KSR5	comp=Z,4.8nm,0.8s,baz=58,slow=4.0,SNR=5.8			PKP	PKP	07 18 40.0	-0.2
KS01	Wonju Array Si	165.19	317	ePKP	PKP	07 18 40.0	-0.7
KS15	Wonju Array Si	165.22	317	ePKP	PKP	07 18 40.0	-0.7
KSAR	Wonju Array Be	165.22	317	PKP	PKP	07 18 40.0	-0.7
KSAR				PKPab	PKPab	07 18 40.0	-0.7
KSAR	Wonju Array Be	165.22	317	PKP	PKP	07 18 40.0	-0.7
KSAR				PKPab	PKPab	07 18 40.0	-0.7
KSAR	Naktsue	165.26	298	PKP	PKP	07 19 39.5	+0.9
JNU	comp=Z,16nm,0.8s,baz=19,slow=7.8,SNR=4.4			PKPab	PKPab	07 19 45.7	+5.4
NONG	Nongkai	165.61	126	P	PKP	07 19 45.7	+5.4
HHC	Hu-ho-hao-te	165.97	12	ePKP	PKP	07 18 42.3	+0.8
HHC				PKP	PKP	07 23 26.3	-1.5
HHC				SKKS	SKKS	07 30 16.5	
HHC				AMB	AMB		
HHC	comp=Z,370nm,9.5s			LR	LR		
HHC	comp=Z,200nm,21.2s			LR	LR		
HHC	comp=Z,240nm,20.8s			LR	LR		
HHC	comp=Z,190nm,21.5s			LR	LR		
PANO	Nakornpanom	165.98	133	P	PKP	07 19 46.8	+4.9
LZH	Lanzhou	166.78	45	ePKP	PKP	07 18 42.8	+0.5
LZH				pPKP	pPKP	07 18 46.0	-1.0
LZH				sPKP	sPKP	07 18 47.5	
LZH				SKS	SKS	07 25 44.0	-2.2
LZH				SKKS	SKKS	07 30 22.4	+1.8
LZH				AMB	AMB		
LZH	comp=Z,380nm,8.5s			LR	LR		
LZH	comp=Z,570nm,18.0s			LR	LR		
LZH	comp=Z,680nm,18.1s			LR	LR		
LZH	comp=Z,750nm,20.2s			LR	LR		
BJI	Beijing	167.10	357	PKP	PKP	07 18 41.4	-0.8
BJI				PKP	PKP	07 23 29.0	-4.4
BJI				AMB	AMB		
BJI	comp=Z,620nm,9.5s			LR	LR		
BJI	comp=Z,590nm,19.2s			LR	LR		
BJI	comp=Z,400nm,18.4s			LR	LR		
BJI	comp=Z,720nm,19.2s			LR	LR		
KMI	Kunming	168.17	97	PKP	PKP	07 18 42.8	-1.2
TIY	Taiyuan	169.54	112	ePKP	PKP	07 18 44.8	+1.0
TIY				PKP	PKP	07 23 48.3	+4.2
TIY				SS	SS	07 44 38.1	-0.3
TIY	comp=Z,490nm,14.7s			LR	LR		
TIY	comp=Z,730nm,21.2s			LR	LR		
CD2	Chengdu	169.22	67	PKP	PKP	07 18 43.8	-0.2
CD2				sPKP	sPKP	07 18 50.3	
CD2				PP	PP	07 23 46.1	0.0
CD2				SKS	SKS	07 25 47.3	-0.2
CD2				SKKS	SKKS	07 30 32.4	-0.5
CD2				SS	SS	07 44 41.0	+0.9
CD2	comp=Z,670nm,21.6s			LR	LR		
CD2	comp=Z,670nm,20.4s			LR	LR		
QIZ	Qiongzong	170.50	147	PKP	PKP	07 18 43.8	-1.2
QIZ				PKPab	PKPab	07 20 01.3	-0.5
QIZ				PP	PP	07 23 50.8	-0.5
QIZ				SS	SS	07 44 57.8	+5.4
QIZ	comp=Z,290nm,19.6s			LR	LR		
QIZ	comp=Z,370nm,18.9s			LR	LR		
QIZ	comp=Z,600nm,20.3s			LR	LR		
TIA	Tai'an	170.81	351	PKP	PKP	07 18 44.8	+0.1
TIA				PKP	PKP	07 23 50.6	-1.6
TIA				SS	SS	07 44 50.0	-4.4
TIA	comp=Z,1µm,9.2s			LR	LR		
TIA	comp=Z,370nm,21.4s			LR	LR		
TIA	comp=Z,750nm,21.4s			LR	LR		
XAN	Xi'an	171.19	37	PKP	PKP	07 18 45.0	0.0
XAN				SKS	SKS	07 25 47.4	-0.9
XAN	comp=Z,560nm,16.4s			LR	LR		
XAN	comp=Z,410nm,17.7s			LR	LR		
XAN	comp=Z,500nm,19.1s			LR	LR		
GYA	Guiyang	172.25	93	iPKP	PKP	07 18 45.3	-0.6
GYA				PKPab	PKPab	07 20 08.9	-1.0
GYA				PKS	PKS	07 22 15.0	-3.4
GYA				PP	PP	07 24 02.3	+0.7
GYA				SKKS	SKKS	07 30 47.4	
GYA				SS	SS	07 45 10.6	-2.0
GYA	comp=Z,530nm,10.6s			LR	LR		
GYA	comp=Z,2µm,24.8s			LR	LR		

GYA	comp=Z,1µm,24.5s			LR	LR		
NJZ	Nanjing	174.20	329	ePKP	PKP	07 18 44.3	-2.0
OZH	Quanzhou	176.33	234	iPKP	PKP	07 18 45.0	-2.1
OZH				PKPab	PKPab	07 20 26.3	-1.4
OZH				PP	PP	07 24 18.8	-1.7
OZH				LR	LR		
WHN	comp=Z,1µm,20.1s			PKP	PKP	07 18 46.1	-0.8
WHN	Wuhan	176.50	14	PKP	PKP	07 20 27.4	-0.7
WHN				SS	SS	07 45 50.6	+1.1
WHN				LR	LR		
WHN	comp=Z,4µm,23.4s			LR	LR		
WHN	comp=Z,3µm,23.9s			LR	LR		
WHN	comp=Z,2µm,18.0s			LR	LR		
ISCJB 21 07:08:18.5s:0.6,36:93N:0:06:140:11E:0:07, h106km,3km,mb3.5/6, Error ellipse: s-maj=12.1km s-min=6.0km az=143.7 IDC 21 07:08:19.4s:2.1,36:85N:140:13E,h105km,28km,mb3.3/6, mb1 3.5/6,mb1mx3.1/67,mbtrmp3.6/6,MS3.1/1,Ms1 3.3/1, ms1mx2.6/26, Error ellipse: s-maj=66.4km s-min=24.1km az=180.0 JMA 21 07:08:19.7s:0.1,36:88N:140:12E,h96km,1km,M3.2 JMA Felt J1 ISC 21 07:08:19.2s:0.9,36:91N:0:07:140:13E:0:06,h100km,6km, n26,φ944/30,mb3.5/6, Near east coast of eastern Honshu							
Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC	Res
JSB	Shiboa	0.17	290	P	07 08 33.6	+0.2	
JSB				S	07 08 43.9	-0.1	
JFY	Yanaizu	0.60	326	P	07 08 36.0	+0.2	
JFY				S	07 08 47.4	-0.9	
JFT	Okata	0.63	15	S	07 08 36.5	+0.4	
JFT				S	07 08 48.9	+0.2	
JKT	Katashina	0.72	259	P	07 08 37.2	+0.3	
JAG	Ashikaga	0.72	228	P	07 08 37.1	+0.2	
JFK	Kawachi	0.75	52	S	07 08 37.4	+0.2	
JFK				S	07 08 56.8	-0.4	
JHK	Hiroka	0.95	291	P	07 08 39.2	+0.1	
JHK				S	07 08 53.8	-0.3	
JMM	Marumori	1.09	29	P	07 08 41.2	+0.5	
JMM				S	07 08 57.3	+0.5	
JMS	Sagawaga	1.11	325	eS	07 08 41.0	+0.1	
JNS				S	07 08 56.8	-0.4	
JRY	Ryogami san	1.33	228	P	07 08 43.7	+0.2	
JRY				S	07 09 01.0	-0.8	
MJAR	Matsushiro Arr	1.58	257	P	07 08 46.9	+0.3	
MJAR	11nm,0.3s,baz=73,slow=12,SNR=103			S	07 09 07.1	-0.1	
MAT	Matsushiro	1.58	257	P	07 08 47.0	+0.5	
MAT				S	07 09 07.7	+0.4	
MAT	Matsushiro	1.58	257	P	07 08 47.2	+0.7	
MAT				S	07 08 56.8	-0.4	
MA2	Magadan	23.70	14	LR	07 22 50.5		
SOMN	Songino Array	27.00	305	P	07 13 51.9	+0.1	
H1N2	WAKE ISLAND Hy 29.09 119	T	T		07 44 24.3		
H1N1	WAKE ISLAND Hy 29.09 119	T	T		07 44 26.6		
H1N3	WAKE ISLAND Hy 29.09 119	T	T		07 44 27.6		
H1S1	WAKE ISLAND Hy 29.67 121	T	T		07 45 15.1		
H1S3	WAKE ISLAND Hy 29.67 121	T	T		07 45 17.2		
H1S2	WAKE ISLAND Hy 29.69 121	T	T		07 45 18.1		
MKAR	Makanchi Array	43.31	302	P	07 16 11.3	+0.3	
KURBB	Kurchatov Arra	45.26	308	P	07 16 26.3	-0.2	
ILAR	Einman Array	50.15	32	P	07 17 04.2	+0.2	
INK	Inuvik	54.97	27	P	07 17 39.4	0.0	
NVAR	Minna Array Bea	75.89	53	P	07 19 54.4	-0.7	
NVAR	0.6nm,0.8s,baz=304,slow=7.3,SNR=3.8						
SKO 21 07:14:13.9,40:65N,19:61E,h33km ATH 21 07:14:17.0,40:73N,19:88E,h19km,1km,ML2,7/8, Error ellipse: s-maj=1.5km s-min=1.0km az=281.0,Analyst: Agalos ML Amplitudes are expressed in micrometres All distances are expressed in km CSEM 21 07:14:17.4s:0.1,40:71N:19:85E,h2km,ML2.7, Error ellipse: s-maj=4.6km s-min=2.5km az=68.0 BEO 21 07:14:17.9s:0.8,40:68N:19:74E,h13km,3km,ML2,6/7 THE 21 07:14:18.2,40:71N:19:95E,h0km,1km,ML2,7/7, Error ellipse: s-maj=1.5km s-min=0.6km az=250.0 PDG 21 07:14:22.4s:0.2,41:05N:19:89E,h7km,ML2,8/11, Error ellipse: s-maj=0.7km s-min=1.0km az=0 TIR 21 07:14:29.4,40:68N,19:94E,h7km,ML2.7 ISC 21 07:14:17.0,40:73N,19:88E,0:02,h7km,9km, n128,φ1903/200,7C-19D,Albania							
Code	Station Name	Δ°	AZ°	Phase ID	Time Res</		

21m 10h

2011 FEB

Table with columns: ZDM, Mont Dzumac, 11.68 287 P, P, 11 00 28.9 +1.7, etc. Lists various locations and their associated data points.

Table with columns: JZC, Jackson Bay, 19.63 201 PN P, P, 11 01 43.3 -1.1, etc. Lists various locations and their associated data points.

Table with columns: VAH, Port Moresby, 33.98 293 P, P, 11 03 50.5 +0.4, etc. Lists various locations and their associated data points.

Table with columns for station code, name, frequency, and signal strength. Includes stations like VVDA, VVDA, VVDA, VVDA, VVDA, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like BLJI, LLLP, MIR, MIR, MIR, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like MAW, MAW, MAW, MAW, MAW, etc.

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like UMPA, I04A, COR, etc.

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like CCUT, MID, MID, etc.

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like Q16A, CAST, PCA, etc.

21d 10h

Table with columns: LCO, Las Campanas, 93.98 125 eP, P, 11 10 11.5 -0.3, etc. Lists various astronomical observations with details like LCO, CLNS, CHUI, etc.

2011 FEB

Table with columns: LKWY, comp=Z,96nm,0.9s, 95.59 61 P, P, 11 10 18.9 +0.4, etc. Lists astronomical observations with details like 833A, 034A, DAWY, etc.

1038

Table with columns: SONA1, Songino Array, 97.83 320 ePdif, Pdif, 11 10 28.2 -0.1, etc. Lists astronomical observations with details like 133A, S28A, 636A, etc.

1039

Table with columns: ID, Name, Address, Date, Time, Status, and other details. Includes entries like 438A Sam Houston St, 029H 4D Ranch, etc.

2011 FEB

Table with columns: ID, Name, Address, Date, Time, Status, and other details. Includes entries like F26A Lodgepole, 239A Gary, P32A Huling Farm, etc.

21d 10h

Table with columns: ID, Name, Address, Date, Time, Status, and other details. Includes entries like D27A Center, KSU1 Kansas State U, KSU11 Kansas State U, etc.

212d 10h

Table with columns for station ID, name, frequency, power, and various signal quality metrics (e.g., SNR, BER, etc.).

2011 FEB

Table with columns for station ID, name, frequency, power, and various signal quality metrics (e.g., SNR, BER, etc.).

1040

Table with columns for station ID, name, frequency, power, and various signal quality metrics (e.g., SNR, BER, etc.).

21d 10h

2011 FEB

1042

Table with columns for station name, frequency, power, and other technical details. Includes stations like SFJD, SUMG, LSZ, TSMU, DODI, etc. across various bands and frequencies.

210h

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like VTS Vitosa, MMB Musomiste, KHC Kasperske Hory, etc.

2011 FEB

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like GUR Goura, ANX Sengoula, SERG Ana Chora, etc.

1044

Table with columns: Code, Station Name, Frequency, Power, Phase ID, and Time Res. Includes stations like W40A Ferguson Farm, X40A Basin Creek Fa, etc.

21d 11h

2011 FEB

ellipse: s-maj=13.6km s-min=13.6km az=166.0
NEIC 21 11:13:07.2, 1.0, 25.70S, 178.37E, h626km, 1.1km, mb4.9/5,
Error ellipse: s-maj=13.4km s-min=10.3km az=207.0

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

IDC 21 11:18:04.3, 10.0, 24.99S, 177.25W, h219km, 76km,
mb3.9/5, mb1 4.0/5, mb1mx3.5/4.7, mbtmp4.4/5, Error
ellipse: s-maj=198.1km s-min=98.4km az=71.0, South of
Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Lists seismic stations for the IDC event.

KRSC 21 11:21:59.1, 0.6, 55.72N, 162.45E, h54km, 15km, ML4.8
ISCJB 21 11:22:00.9, 0.3, 55.75N, 162.39E, 0.04, h57km, 3km,
mb4.2/3, Error ellipse: s-maj=4.5km s-min=2.8km
az=25.6

MOS 21 11:22:00.7, 0.8, 55.74N, 162.35E, h54km, mb4.6/4, Error
ellipse: s-maj=9.1km s-min=5.2km az=73.2
NEIC 21 11:22:01.0, 0.3, 55.85N, 162.19E, h35km, mb4.7/1, Error
ellipse: s-maj=10.9km s-min=6.3km az=132.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Lists seismic stations for the MOS and NEIC events.

IDC 21 11:22:02.6, 55.80N, 161.90E, h70km, 4/2
BUJ 21 11:22:04.5, 2.4, 55.78N, 162.14E, h70km, 22km, mb3.9/29,
mb1 4.1/32, mb1mx3.9/84, mbtmp4.2/32, Error ellipse:
s-maj=14.6km s-min=10.3km az=137.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Lists seismic stations for the IDC event.

ISCJB 21 11:22:04.5, 2.4, 55.78N, 162.14E, h70km, 22km, mb3.9/29,
mb1 4.1/32, mb1mx3.9/84, mbtmp4.2/32, Error ellipse:
s-maj=14.6km s-min=10.3km az=137.0

HABR comp=Z, 2.578m, 16.0s MLR MLR
ERM Ermo 18.59 230f eP P 11 26 11.8 -2.7
TIXI Tiksi 21.29 331 p P 11 26 43.4 -0.2
TIXI Tiksi 21.29 331 p P 11 26 44.0 +0.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Lists seismic stations for the HABR event.

ISCJB 21 11:31:23.6, 0.3, 4.70N, 0.03, 76.75W, 0.03, h91km, 4km,
mb4.4/20, Error ellipse: s-maj=5.7km s-min=5.1km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Lists seismic stations for the ISCJB event.

ISCJB 21 11:31:23.6, 0.3, 4.70N, 0.03, 76.75W, 0.04, h85km, 5km,
mb4.4/20, Error ellipse: s-maj=5.7km s-min=5.1km

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ATAH, NNA, SJG, PTGA, SAML, LPAZ, SIV, TXAR, etc.

IS/CJB 21 11:34:03.6.0.4, 37.98N, 141.13E, h95km, mb4.4/4, Error ellipse: s-maj=11.9km s-min=7.7km az=72.0

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like JMM, JMK, JMO, JMU, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like IS/CJB, CSEM, DDA, etc.

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

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

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

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

Table with columns: BILL, comp-Z, Name, Az, El, Pmax, P, Res, and ISC. Rows include ZAK ZAK, SWV2 Sparrevohn, TLY Talaya, QSPA South Pole, etc.

Table with columns: WWOR Wild Horse Val, BEC Belle Mtn, TUQ Turquoise Moun, GMRC Granite Mounta, TPNV Topopah Spring, etc.

Table with columns: BOSA Boshof, AKASG Malin Array B, AO11 Malin Array S, NOA11 NORSAR Array B, BRTR Keskin Array B, etc.

ISCJB 21 12:26:47.6:0.6, 10:3S:0.1x161.4E:0.1, h61km, mb4.9/24, Error ellipse: s-maj=16.0km s-min=15.7km az=165.6

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, and ISC. Rows include AFI Afiamalu, WRA Warramunga Arr, PPT2 Papeete2, TBI Tubuai, etc.

21d 14h

537A	Green Hill Far	17.45 345	P	P	14 33 13.4 +1.8
536A	Bastrop	17.65 343	P	P	14 33 15.9 +2.0
NORC	Norcoria	17.70 114	eP	P	14 33 15.5 +0.9
535A	Dale	17.76 341	P	P	14 33 17.2 +2.1
633A	Saathoff Ranch	17.81 336	P	P	14 33 18.0 +2.4
CMBC	Cumal	17.93 132	eP	P	14 33 24.5 +7.1
534A	Blanco	18.06 339	P	P	14 33 21.1 +2.7
240A	Hunter Patters	18.88 353	P	Pn	14 33 28.7 +0.6
433A	Art	18.94 338	P	Pn	14 33 30.5 +1.6
JCT	Junction City	18.96 336	P	Pn	14 33 30.9 +1.7
333A	Richland Sprin	19.42 339	P	Pn	14 33 35.2 +0.6
SJAC	San Juan de Ar	19.61 119	eP	Pn	14 33 38.7 +1.6
138A	Matatal Enter	19.68 350	P	Pn	14 33 37.2 -0.5
137A	Heron Place, G	19.74 348	P	Pn	14 33 38.2 -0.2
TX31	Lajitas Ar. Si	19.83 326	eP	P	14 33 40.7 +1.1
TXAR	comp=Z,0.3nm,0.3s,baz=15.5,slow=14,SNR=28	19.83 326	P	LR	14 33 39.8 +0.1
233A	Rising Star	20.03 340	P	Pn	14 33 41.7 -0.1
240A	Long Farm, Mag	20.04 354	P	P	14 33 41.1 -0.9
135A	Vickery Place,	20.09 344	P	Pn	14 33 42.0 -0.5
238A	Mt. Pleasant	20.24 350	P	P	14 33 42.7 +0.5
134A	White-Moore Ra	20.29 343	P	P	14 33 43.3 +0.5
237A	Pogue Cattle C	20.30 349	P	P	14 33 43.6 +0.8
SDV	Santo Domingo	20.52 100	P	P	14 33 44.1 -1.5
SDV	comp=Z,5.7nm,0.6s,baz=30.52,slow=7.1,SNR=8.8	20.52 100	eP	P	14 33 45.0 -0.6
236A	Blue Ridge	20.53 347	P	P	14 33 46.3 +0.9
133A	Hamilton Ranch	20.57 341	P	Pn	14 33 47.1 -1.1
Y40A	Okolona	20.78 355	P	P	14 33 48.5 +0.5
ABTX	Abilene, Hawle	20.83 339	P	Pn	14 33 50.1 -1.1
ABTX	Abilene, Hawle	20.83 339	eP	P	14 33 49.5 +0.8
Z33A	Whitaker Ranch	21.16 342	P	P	14 33 53.8 +1.7
Y35A	Marietta	21.28 346	P	P	14 33 54.6 +1.2
MIAR	Mount Ida	21.34 354	eP	P	14 33 54.4 +0.4
X39A	Fountain Ranch	21.36 353	P	P	14 33 55.0 +0.7
Y34A	Reagan Ranch,	21.50 345	P	P	14 33 56.9 +1.0
X38A	Whitesboro	21.61 352	P	P	14 33 57.9 +0.9
X37A	Clayton	21.61 350	P	P	14 33 57.9 +0.9
X35A	Drake	21.74 347	P	P	14 33 59.5 +1.1
W38A	Poteau	21.96 352	P	P	14 34 01.8 +1.1
WHAR	Woolly Hollow	21.98 357	eP	P	14 34 01.4 +0.4
W39A	Magazine	22.00 354	P	P	14 34 01.5 +0.4
X34A	Smith Ranch, M	22.14 345	P	P	14 34 03.6 +0.9
X33A	Lawton	22.25 344	P	P	14 34 05.5 +1.6
W35A	Tecumseh	22.44 347	P	P	14 34 06.9 +1.0
MNTX	Cornudas Mount	22.59 327	P	P	14 34 09.0 +1.4
MNTX	Cornudas Mount	22.59 327	eP	P	14 34 08.7 +0.7
V39A	Pettigrew	22.62 355	P	P	14 34 08.0 0.0
W34A	Bridge Creek,	22.72 346	P	P	14 34 09.3 +0.3
V38A	Canehill	22.73 353	P	P	14 34 08.8 -0.2
V37A	Hubert	22.84 351	P	P	14 34 09.5 -0.7
TUL1	Leonard	22.97 350	P	P	14 34 11.7 +0.2
V35A	Meyer Ranch, C	23.02 348	P	P	14 34 12.3 +0.3
U40A	Yellville	23.08 356	P	P	14 34 12.4 -0.1
U39A	Green Forest	23.15 355	P	P	14 34 12.8 -0.5
MXST	Muleshoe	23.22 335	P	P	14 34 15.1 +0.9
TKL	Tuckaleechee C	23.27 15	P	P	14 34 14.0 -0.5
TKL	comp=Z,7.3nm,0.7s,baz=18.2,slow=10,SNR=8.8	23.27 15	eP	P	14 34 14.7 +0.1
U38A	Gravette	23.30 353	P	P	14 34 14.4 -0.4
U37A	Galina	23.36 352	P	P	14 34 15.5 +0.2
U36A	Oologah	23.43 351	P	P	14 34 16.4 +0.3
KMSC	C Kings Mountain	23.52 20	P	P	14 34 15.5 -1.5
U35A	Pawnee	23.59 349	P	P	14 34 17.8 +0.2
AMTX	Amarillo	23.59 338	eP	P	14 34 18.2 +0.4
AMTX	Amarillo	23.59 338	eP	P	14 34 16.9 -0.8
T39A	Clever	23.78 355	P	P	14 34 19.4 0.0
U34A	Anderson Ranch	23.82 347	P	P	14 34 20.0 +0.2
T40A	Mansfield	23.85 357	P	P	14 34 19.9 -0.1
T38A	Diamond	23.87 354	P	P	14 34 20.4 +0.1
T37A	Cheneyville 18	24.03 352	P	P	14 34 21.8 0.0
T35A	Sooner Cattle	24.08 349	P	P	14 34 22.9 +0.7
T36A	Boggs Farm, Ca	24.11 351	P	P	14 34 22.8 +0.4
S40A	Lebanon	24.30 357	P	P	14 34 24.0 -0.2
T34A	McClaskey Farm	24.31 348	P	P	14 34 24.6 +0.2
U31A	Nine Bar Ranch	24.35 343	P	P	14 34 25.2 +0.5
S38A	Stockton	24.42 355	P	P	14 34 25.3 0.0
S39A	Bolivar	24.44 356	P	P	14 34 25.5 0.0
121A	Cookes Peak, D	24.55 324	P	P	14 34 28.9 +2.1
121A	Cookes Peak, D	24.55 324	eP	P	14 34 29.9 +3.1
S37A	Fort Scott	24.65 353	P	P	14 34 27.5 +0.1
S36A	Lake Cedric, C	24.72 351	P	P	14 34 27.9 -0.1
S35A	Otter Creek Ra	24.79 350	P	P	14 34 28.9 +0.3
R40A	Maddies Statio	24.98 358	P	P	14 34 29.9 -0.4
R38A	Fenwick Farm,	24.98 355	P	P	14 34 30.0 -0.4
R39A	Chumby, Stover	25.04 356	P	P	14 34 30.9 0.0
LPM	Los Pinos Moun	25.29 329	eP	P	14 34 35.7 +2.2
R34A	Isabella, Hill	25.56 349	P	P	14 34 36.6 +0.9

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S30A	Montezuma	25.71 343	P	P	14 34 38.2 +1.1
ANMO	Albuquerque	25.71 330	P	P	14 34 38.8 +1.6
ANMO	Albuquerque	25.71 330	P	P	14 34 39.1 +1.8
Q37A	Longview Farm,	25.71 354	P	P	14 34 37.7 +0.7
Q38A	Cooks Store, C	25.72 355	P	P	14 34 37.5 +0.4
Q39A	Willow Grove F	25.76 357	P	P	14 34 37.8 +0.4
S29A	Ulyesses	25.89 341	P	P	14 34 40.0 +1.3
Q35A	Mercer Eighty,	25.90 351	P	P	14 34 39.3 +0.6
R32A	Long Quarter,	25.99 346	P	P	14 34 40.9 +1.3
R31A	Burdett	26.06 345	P	P	14 34 40.6 +0.4
Q34A	Chapman	26.11 350	P	P	14 34 41.4 +0.8
TUC	Tucson	26.20 320	eP	P	14 34 44.5 +2.9
P40A	Paris	26.20 358	P	P	14 34 41.1 -0.3
Q33A	Connelly Farm,	26.35 348	P	P	14 34 43.4 +0.6
P38A	Dawn	26.37 356	P	P	14 34 43.1 +0.1
P37A	Lathrop	26.41 354	P	P	14 34 43.0 -0.3
Q32A	Meitler Ranch,	26.50 347	P	P	14 34 44.4 +0.3
P36A	Good Intent, A	26.53 353	P	P	14 34 44.3 -0.1
T25A	Trinidad	26.63 336	P	P	14 34 46.2 +0.6
R28A	Tribune	26.76 341	P	P	14 34 46.8 +0.1
O40A	La Belle	26.79 359	P	P	14 34 46.6 -0.1
P31A	Stockton	27.19 346	P	P	14 34 51.3 +0.9
214A	Organ Pipe Nat	27.29 317	P	P	14 34 53.6 +2.2
N39A	Derby Farms, D	27.56 358	P	P	14 34 53.7 0.0
X16A	Lo La Camp, P	28.03 322	eP	P	14 34 58.7 +0.5
O29A	4D Ranch, Culs	28.12 344	P	P	14 34 59.2 +0.5
M38A	Pleasantville	28.14 357	P	P	14 34 58.8 0.0
S22A	4UR Ranch, Cre	28.16 333	P	P	14 35 00.5 +1.0
M37A	Trindle Farm,	28.18 355	P	P	14 34 59.3 +0.1
MVCO	Mesa Verde	28.51 330	P	P	14 34 02.9 +0.4
M33A	Taylor Creek F	28.73 350	P	P	14 35 04.1 0.0
BGNE	Belgrade	28.74 349	P	P	14 35 03.7 -0.5
WUAZ	Wupatki	28.76 324	P	P	14 35 07.1 +2.4
WUAZ	Wupatki	28.76 324	eP	P	14 35 07.7 +3.0
N54A	Moraine State	29.17 217	P	P	14 35 08.8 -0.2
K33A	Hardington	29.71 351	P	P	14 35 13.6 +0.8
L29A	Maesberg Ranch	29.86 346	P	P	14 35 14.7 +0.5
M54A	Oil Creek Stat	29.87 17	P	P	14 35 13.2 -1.0
SWSC	Sam W. Stewart	29.90 315	P	P	14 35 19.9 +2.3
K32A	Verdige	29.92 350	P	P	14 35 15.1 +0.5
L28A	Connealy Angus	30.07 344	P	P	14 35 16.6 +0.5
BC3	Big Chuckawall	30.08 317	P	P	14 35 19.0 +2.7
J36A	Seneca 1, Swea	30.12 355	P	P	14 35 16.6 +0.2
N23A	Red Feather La	30.47 337	P	P	14 35 20.2 +0.3
I38A	Scanlan Farm,	30.71 358	P	P	14 35 21.2 -0.5
LDFC	Landfair	30.73 319	eP	P	14 35 24.9 +2.8
I37A	Lemond, Waseca	30.74 357	P	P	14 35 22.7 +0.9
LCMT	Little Creek M	30.84 324	eP	P	14 35 26.4 +2.9
H37A	Dierke Farm, C	31.28 357	P	P	14 35 26.6 0.0
SPMN	Marine on St.	31.91 358	P	P	14 35 31.4 -0.8
SPMN	Marine on St.	31.91 358	eP	P	14 35 31.3 -0.8
K22A	Webster	32.22 338	P	P	14 35 35.7 +0.6
G32A	Webster	32.28 352	P	P	14 35 36.9 +0.6
H28A	Garrison Ridge	32.46 347	P	P	14 35 37.7 +0.7
I25A	Rochford	32.54 343	P	P	14 35 38.2 +0.2
F33A	5 Mile Ranch,	32.80 353	P	P	14 35 40.3 +0.4
SADO	Sadowa	33.03 16	P	P	14 35 40.8 -1.2
R11A	Troy Canyon, C	33.15 323	eP	P	14 35 45.8 +2.4
G27A	Dupree	33.34 346	P	P	14 35 44.9 +0.2
PDAR	Pinedale Array	33.49 335	P	P	14 35 47.2 +0.9
PDAR	comp=Z,0.8nm,0.9s,baz=138,slow=7.8,SNR=5.0	33.49 335	eP	P	14 38 27.9 +0.1
BGU	Big Grassy Mou	33.61 329	eP	P	14 35 48.7 +1.4
F27A	Lennon	33.83 346	P	P	14 35 49.5 +0.5
D35A	Remer	33.83 356	P	P	14 35 48.4 -0.6
D37A	Cotton	33.83 358	P	P	14 35 48.2 -0.8
D34A	Park Rapids	33.92 355	P	P	14 35 50.0 +0.3
F26A	Lodgepole	33.96 345	P	P	14 35 50.8 +0.6
D33A	AnnSam, Waubun	34.03 354	P	P	14 35 50.2 -0.5
HVU	Hansel Valley	34.14 330	eP	P	14 35 54.0 +2.1
F25A	Bowman	34.23 345	P	P	14 35 53.2 +0.7
C35A	Jirik Farms, M	34.44 357	P	P	14 35 54.4 +0.2
C36A	Pin Crest Far	34.45 358	P	P	14 35 53.7 -0.5
REDW	Red Top Meadow	34.52 334	eP	P	14 35 56.7 +1.5
NV11	Mina Array Sit	34.74 321	P	P	14 36 00.0 +2.9
E25A	Miller Ranch,	34.75 345	P	P	14 35 57.2 +0.2
NV01	Mina Array Sit	34.83 321	eP	P	14 36 00.6 +2.6
NVAR	Mina Array Sit	34.83 321	P	P	14 36 00.8 +2.9
NVAR	comp=Z,6.3nm,0.8s,baz=136,slow=8.3,SNR=62	34.83 321	eP	P	14 38 32.5 +1.7
NVAR	comp=Z,1.1nm,0.8s,baz=169,slow=4.0,SNR=6.0	34.83 321	eP	LR	14 53 14.9
C31A	Landman Farms,	34.90 352	P	P	14 35 58.2 0.0
D26A	Manning	35.01 346	P	P	14 36 00.1 +0.9
B35A	Bob, Littlefor	35.09 357	P	P	14 35 59.2 -0.6
B33A	Robert and Kas	35.13 355	P	P	14 36 00.0 -0.1
B34A	Aer Baudette	35.27 356	P	P	14 36 00.0 -1.3

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B32A	Ashes, Strandq	35.34 354	P	P	14 36 00.9 -1.1
C27A	Saylor Ranch,	35.46 348	P	P	14 36 03.3 +0.3
A33A	Warrod	35.77 355	P	P	14 36 05.5 -0.2
CMB	Columbia Colle	35.90 319	eP	P	14 36 09.0 +2.0
GCMT	Greycliff	36.07 339	eP	P	14 36 08.0 -0.5
HLID	Halt	36.28 331	eP	P	14 36 11.7 +1.4
MC3M	McKenzie Canyo	36.55 334	eP	P	14 36 15.4 +2.7
A26A	Wade Farm, Ken	36.70 348	P	P	14 36 14.1 +0.5
ULM	Lac du Bonnet	37.12 355	P	P	14 36 15.7 -1.4
ULM	comp=Z,0.8nm,0.5s,baz=231,slow=6.5,SNR=3.0	37.12 355	eP	P	14 38 37.6 +0.6
ULM	comp=Z,6.0nm,0.8s	37.12 355	eP	P	14 36 15.2 -1.9
ULM	comp=Z,6.1nm,1.1s	37.63 326	eP	P	14 38 37.6 +0.6
O03D	Paynes Creek	38.11 321	P	P	14 36 27.8 +2.0
F10A	Beach Ranch, E	39.41 331	eP	P	14 36 37.9 +1.3
J04D	Union Nations	40.09 324	P	P	14 36 44.4 +2.0
H04A	Detroit Lake	41.05 326	eP	P	14 36 51.7 +1.5
C09A	Christan Ranch	41.24 332	eP	P	

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries like TXAR, MNTX, ANMX, etc.

ISCJB 21 16:21:57.1-0.6,35.22N-0.02-92.39W-0.02, h1km, 4km, Error ellipse: s-maj=4.4km s-min=2.9km az=149.7

NEIC 21 16:21:58.0, 35.25N-92.39W, h6km, MD2.6(CERI), After CERI

NEIC FELT [I] at Greenbrier. Also felt at Conway. ISC 21 16:21:57.5-1.0, 35.24N-0.03-92.38W-0.02, h6km, 8km, nZ7, c065/44, Arkansas

Main table for 21d 17h section, listing station codes, names, and coordinates. Includes WHAR, W40A, X40A, W39A, etc.

ISC 21 16:22:17.3-0.4, 41.14N-127.31W, h0km, mb3.2/2, mb1 3.7/6, mb1mx3.4/68, mbtmp3.4/6, ML3.5/4, MS3.1/5, Ms1 3.2/5, mb1mx3.0/11, Error ellipse: s-maj=5.9km s-min=18.1km az=38.0, Off coast of northern California

Table for 21d 17h section, listing station codes, names, and coordinates. Includes YBH, NVAR, ELK, NEW, PFO, etc.

ISCJB 21 16:32:13.9-0.5, 43.75N-0.04-105.22W-0.05, h0km, Error ellipse: s-maj=6.2km s-min=5.6km az=23.3

NEIC 21 16:32:15.0-0.4, 43.80N-0.05-105.25W, h0km, ML3.0, Error ellipse: s-maj=5.3km s-min=4.9km az=149.0, Suspected Mining explosion

NEIC 60 km [37 miles] SSE of Gillette. ISC 21 16:32:15.0-0.4, 43.77N-0.05-105.30W-0.06, h0km, n33, c130/33, Wyoming

Table for 21d 17h section, listing station codes, names, and coordinates. Includes RSSD, K22A, etc.

Table for 2015 FEB section, listing station codes, names, and coordinates. Includes PHWY, LAO, RLMT, etc.

ISCJB 21 16:48:07.6-0.6, 6.82N-0.04-73.09W-0.05, h159km, 5km, mb3.2/2, Error ellipse: s-maj=9.5km s-min=5.7km az=31.3

ISC 21 16:48:07.8-0.9, 6.81N-73.00W, h163km, 1km, mb2.9/2, mb1 3.4/4, mb1mx3.0/43, mbtmp3.6/4, Error ellipse: s-maj=35.5km s-min=8.5km az=131.0

RSNC 21 16:48:09.5-0.8, 6.81N-73.11W, h146km, 4km, ML3.2

ISC 21 16:48:07.8-0.9, 6.84N-0.05-73.09W-0.06, h155km, 6km, n19, c082/30, 1C, Northern Colombia

Main table for 2015 FEB section, listing station codes, names, and coordinates. Includes BARC, GIRC, RUSC, etc.

ISCJB 21 16:58:06.3-1.5, 43.45N-0.08-147.03E-0.10, h43km, 19km, Error ellipse: s-maj=16.6km s-min=7.9km az=141.5

JMA 21 16:58:06.2-0.2, 43.41N-147.00E, h38km, 3km, M3.0

SKHL 21 16:58:07.2-0.3, 43.45N-147.03E, h41km, mb4.6/2

ISC 21 16:58:06.4-2.5, 43.42N-0.10-147.0E-0.11, h30km, 12km, n10, c092/18, 1C-1D, Kuril Islands

Main table for 2015 FEB section, listing station codes, names, and coordinates. Includes SHO, SHO, SHO, etc.

NEIC 21 16:59:55.0, 41.18N-127.14W, h5km, MD3.1(NCEDC), After NCEDC.

ISCJB 21 16:59:56.4-1.1, 41.32N-0.07-126.9W-0.1, h11km, mb3.2/4, MS3.1/6, Error ellipse: s-maj=12.8km s-min=9.9km az=150.4

ISC 21 16:59:58.1-1.8, 41.44N-126.67W, h0km, mb3.3/4, mb1 3.6/8, mb1mx3.5/60, mbtmp3.6/8, ML3.6/3, MS3.3/13, Ms1 3.3/13, mb1mx3.2/21, Error ellipse: s-maj=37.2km s-min=15.5km az=32.0

ISC 21 16:59:57.9-1.1, 41.30N-0.08-126.9W-0.1, h11km, n34, c099/20, mb3.2/4, MS3.1/6, Off coast of northern California

Main table for 1054 section, listing station codes, names, and coordinates. Includes L02D, L02D, M02C, etc.

ISCJB 21 17:01:52.9-0.3, 6.79N-0.03-73.04W-0.04, h164km, 3km, mb3.9/10, Error ellipse: s-maj=6.8km s-min=3.9km az=38.8

FUNV 21 17:01:53.7, 6.71N-73.12W, h167km, MW3.7

ISC 21 17:01:54.0-0.7, 6.77N-72.92W, h165km, 6km, mb3.7/11, mb1 3.9/13, mb1mx3.6/42, mbtmp4.2/13, Error ellipse: s-maj=13.3km s-min=7.7km az=134.0

RSNC 21 17:01:56.0-1.1, 6.77N-73.11W, h141km, 7km, ML4.0

ISC 21 17:01:53.5-0.7, 6.80N-0.04-73.05W-0.04, h158km, 5km, n48, c102/60, mb4.0/10, 6C-2D, Northern Colombia

Main table for 1054 section, listing station codes, names, and coordinates. Includes BARC, GIRC, RUSC, etc.

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

IDC 21 17:19:56.4-4.6, 1371Sx166.67E, h0km, mb3.4/3, mb1 3.7/3, mb1mx3.4-26, mbtmp3.4/3, Error ellipse: s-maj=225.3km, s-min=32.8km, az=142.0, Vanuatu Islands

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

IDC 21 17:25:46.6-7.1, 281.66N;129.29E, h0km, mb3.3/3, mb1 3.5/3, mb1mx3.0-5.4, mbtmp3.3/3, MS3.3/1, Ms1 3.3/1, ms1mx2.4/18, Error ellipse: s-maj=335.3km, s-min=29.5km, az=61.0

IDC 21 17:25:57.0-0.7, 27.60N;0.04E;130.27E;0.05, h57km;13km, mb3.2/3, MS3.3/1, Error ellipse: s-maj=7.9km, s-min=6.2km, az=27.5

JMA 21 17:25:58.0-0.2, 27.63N;130.24E, h71km, M3.0

ISC 21 17:25:57.8-1.6, 27.61N;0.05;130.31E;0.06, h63km;26km, n16, c982/23, mb3.2/3, Ryukyu Islands

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

ISC 21 17:31:58.0-0.8, 35.23N;0.03;92.38W;0.04, h2km;7km, Error ellipse: s-maj=5.8km, s-min=4.1km, az=21.4

NEIC 21 17:31:59.0, 35.25N;92.36W, h7km, MD2.5(CERI), After CERI.

NEIC Felt [III] at Greenbrier. Also felt at Conway.

ISC 21 17:31:59.0-1.3, 35.23N;0.02;92.39W;0.04, h4km;12km, n39, c983/51, Arkansas

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like UALR, W40A, X40A, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like U38A, X37A, V38A, etc.

KRSC 21 17:50:42.4-0.5, 55.80N;162.47E, h60km;10km, ML4.3

ISC 21 17:50:44.2-0.3, 55.79N;0.02;162.44E;0.05, h53km;4km, mb3.7/15, MS2.5/2, Error ellipse: s-maj=4.5km, s-min=3.1km, az=29.0

MOS 21 17:50:44.1-0.7, 55.82N;162.42E, h49km, mb4.0/11, Error ellipse: s-maj=9.8km, s-min=6.3km, az=76.6

IDC 21 17:50:47.6-2.1, 55.84N;162.07E, h70km;10km, mb3.4/13, mb1 3.7/15, mb1mx3.4-6.5, mbtmp3.7/15, MS2.6/6, Ms1 2.6/6, ms1mx2.5/35, Error ellipse: s-maj=19.9km, s-min=12.1km, az=131.0

ISC 21 17:50:45.2-0.9, 55.80N;0.03;162.44E;0.03, h43km;9km, n82, c1504/120, mb3.6/15, ID, Near east coast of Kamchatka Peninsula

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

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

MEX 21 17:51:08.0-0.6, 19.37N;91.55W, h98km;150km, MD4.0, Near coast of Guatemala

JMA 21 17:51:51.3-0.3, 43.82N;147.40E, h21km, M3.4

SKHL 21 17:51:52.0-0.4, 44.01N;147.50E, h45km, mb4.4/3, ISC 21 17:51:49.4-2.3, 43.93N;0.1;147.7E;0.1, h63km, n15, c135/24, 4C, Kuril Islands

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

ISC 21 18:21:31.4-1.0, 14.91S;0.07;167.4E;0.2, h129km, mb3.8/8, Error ellipse: s-maj=21.7km, s-min=9.4km, az=169.6

IDC 21 18:21:34.5-2.9, 14.97S;167.31E, h147km, 25km, mb3.6/9, mb1 3.8/11, mb1mx3.6/39, mbtmp4.2/11, Error ellipse: s-maj=22.8km, s-min=17.6km, az=68.0

ISC 21 18:21:32.5-1.2, 14.89S;0.09;167.4E;0.2, h129km, n13, c1926/12, mb3.9/7, Vanuatu Islands

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

21d 18h

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ASAR Alice Springs, FITZ Fitzroy Crossi, SEY Seymchan, SONM Sogingo Array, MKAR Makanchi Array, ARCES ARCES Array B.

MOS 21 18:21:52.4-0.7, 53.00N-159.48E, h86km, mb4.1/1, Error ellipse: s-maj=13.6km s-min=4.9km az=82.2

ISC 21 18:21:53.7-0.8, 53.06N-159.47E, h86km, mb3.0/1, Error ellipse: s-maj=36.6km s-min=18.0km az=144.0

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like NLC Nalytchevo, SPN Mys Shipunski, SDR Sedlovina, UGLR Uglovaya, SMAR Somma, AVH Avacha, KRX Arik, KIR Karymskiy, PETK Petropavlovsk.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like GNL Ganaly, ASAK Asacha, APC Apacha, PAU Pautzhetka, KMN Kamenistaya, ESO Eso, KIR Kirishev, KPT Kopyto, BZR Bezymyanni-We, KOZ Kozzyrevsk, ZLN Zelenaya.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ZLN Zelenaya, LGNR Loginovna, LGNR Loginovna, CIRR Tsirik, SKR Severo-Kuril's, KRSR Krestovskiy, SRDR Sredinnyy, KLY Klyuchi, BKR Baidarnaya, KBT Krutoberegovo, SMKR Semkarok, GNL Ganaly, SRKR Sorokina, BKR Bering, HNJ Hachijo jima 2, H1N1 WAKE ISLAND Hy 33.76 167, H1N3 WAKE ISLAND Hy 33.78 167.

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Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like H1N1 WAKE ISLAND Hy 33.78 167, H1S1 WAKE ISLAND Hy 34.94 168, H1S3 WAKE ISLAND Hy 34.95 168, H1S2 WAKE ISLAND Hy 34.96 168, YKA Yellowknife Ar, MKAR Makanchi Array, NVAR Nina Aray Bea, PDAR Pinedale Array, TXAR Lajitas Array, WRA Warramunga Arr, ASAR Alice Springs.

ISC 21 18:23:19.3-1.1, 6.56S-150.47E, h0km, mb3.7/9, mb1.3/10, mb1mx3.8/35, mbtmp3.8/10, ML3.9/1, Error ellipse: s-maj=46.3km s-min=18.3km az=110.0

ISC 21 18:23:24.2-1.4, 6.5S-150.2E, h0km, mb3.6/8, Error ellipse: s-maj=31.2km s-min=9.9km az=32.2

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, KRSR Kora Array, CMAR Chiang Mai Arr, SONM Sogingo Array, MKAR Makanchi Array, ZALV Zalesovo Beam, ILAR Eielson Array, TORD Torodi Rossi.

ISC 21 18:28:27.4-13.0, 24.88S-177.54W, h307km, 147km, mb3.6/5, mb1.3/7.6, mb1mx3.3/33, mbtmp4.3/6, Error ellipse: s-maj=181.0km s-min=55.9km az=81.0, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like URZ Urewera, CTCTA Chester Tower, STKA Stephens Creek, ASAR Alice Springs, WRA Warramunga Arr, FITZ Fitzroy Crossi.

KRSC 21 18:29:57.9-0.5, 55.76N-162.46E, h60km, 14km, ML3.9, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KBTR Krutoberegovo, ZLN Zelenaya, SMKR Semkarok, CIRR Tsirik, LGNR Loginovna, BDR Baidarnaya, BZR Bezymyanni-We, SRKR Sorokina, KLY Klyuchi, KRSR Krestovskiy, KIR Kirishev, KMN Kamenistaya, KPT Kopyto, BZR Bezymyanni-We, KOZ Kozzyrevsk, ZLN Zelenaya, LGNR Loginovna, LGNR Loginovna, CIRR Tsirik, CIRR Severo-Kuril's, KRSR Krestovskiy, SRDR Sredinnyy, KLY Klyuchi, BKR Baidarnaya, KBT Krutoberegovo, SMKR Semkarok, GNL Ganaly, SRKR Sorokina, BKR Bering, HNJ Hachijo jima 2, H1N1 WAKE ISLAND Hy 33.76 167, H1N3 WAKE ISLAND Hy 33.78 167.

NNC 21 18:34:24.8-2.7, 37.38N-71.33E, h127km, 46km, mb2.7, mbp3.5, Error ellipse: s-maj=27.9km s-min=15.3km az=146.0

ISC 21 18:34:23.7-3.4, 37.3N-70.2E, h109km, n11, 0.80/15, 3C-4D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like DZET Dzhherino, DZET Dzhherino, AML Almayshu, UCH Uchtor, KK31 Karatay Array, KK31 Karatay Array.

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Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like AAK Ala-Archa, AAK Ala-Archa, CHMS Chumysh, USP Osenovka, TKM2 Tokmak 2, TKM2 Tokmak 2, AB31 Akbulak array.

ISC 21 18:42:10.4-0.1, 6.69S-129.77E, h0km, mb3.4/1, mb1.3/5.4, mb1mx3.3/5.1, mbtmp3.3/4, ML3.5/7.0, Error ellipse: s-maj=81.9km s-min=28.1km az=77.0, Banda Sea

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

ISC 21 18:48:27.4-3.0, 32.96S-178.02W, h0km, mb3.4/2, mb1.3/7.3, mb1mx3.5/36, mbtmp3.5/3, ML3.0/1, Error ellipse: s-maj=78.3km s-min=45.5km az=127.0, South of Kermadec Islands

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

DHMR 21 18:49:08.8-2.5, 12.00N-44.01E, h15km, 22km, ML4.3, ISC 21 18:49:11.0-1.9, 11.85N-44.27E, h0km, mb3.7/10, mb1.3/9.10, mb1mx3.7/41, mbtmp3.7/10, MS3.5/16, Ms1.3/5.7, ms1mx3.3/40, Error ellipse: s-maj=45.5km s-min=22.3km az=1.0

ISC 21 18:49:14.0-1.8, 12.21N-0.07-44.21E, h0km, 11km, n0, c139/23, mb3.8/10, MS3.4/13, Western Arabian Peninsula

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ADEN Aden, UDYN Al'Udayn, LBOS Al-Bos, BDHA Al Bayda', DHBB Dhamar BB, HAJJ Hajjah, FURI Furi, FURI Furi, KMBO Kilima Mbogo, WSAR Wadi Sarin, EIL Eliat, MMAL Mount Meron Ar, GNI Garni, GEYT Ailbeck, BRTR Keskin Array B, BRTR Keskin Array B, KBZ Khabaz, AKTO Aktyubinsk, AKASG Alkin Array B, AKASG Alkin Array B, TORD Torodi Rossi, GERES GERES Array B, BVAR Borovoye Array, MKAR Makanchi Array, ESDC Sonseca Array, ZALV Zalesovo Beam, ZALV Zalesovo Beam, CMAR Chiang Mai Arr, NOA NORARS Array B, ARCES ARCES Array B, SONM Sogingo Array, NRIK Norik, KRSR Kora Array, PETK Petropavlovsk.

ISC 21 18:49:59.5-1.0, 19.85S-173.31W, h0km, mb4.1/12, mb1.4/4.13, mb1mx4.2/40, mbtmp4.1/13, ML3.8/1, MS3.5/7, Ms1.3/5.7, ms1mx3.2/26, Error ellipse: s-maj=42.8km s-min=17.5km az=146.0

ISCJB 21 18:50:01.6-0.7, 20.0S-173.4W-0.1, h25km, mb4.2/13, MS3.5/6, Error ellipse: s-maj=25.7km s-min=12.3km az=142.0

NEIC 21 18:50:01.8-0.9, 19.40S-173.51W, h10km, mb4.8/3, Error ellipse: s-maj=37.6km s-min=11.6km az=144.0

ISC 21 18:50:03.0-0.9, 19.9S-0.2-173.3W-0.2, h25km, n27, c074/22, mb4.2/13, MS3.4/6, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like AFI Afiamalu, AFI Afiamalu, RAR Rarotonga, DZM Mount Dzumbe, DZM Mount Dzumbe, URZ Urewera.

Table with columns: TBI, PPT2, PPT, HNR, CTA, STKA, ASAR, ASAR, WRAB, WRA, WRA, NVAR, KSRS, KSAR, MCK, PDAR, ILAR, CMAR, CMAR, AKASO, BRER, GERES. Includes station names, coordinates, and various codes.

KRSC 21 18:53:11.5:2.1, 51°62'N-161°22'E, h50km, 24km, ML3.5, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SPN, RUS, NLC, PET, UCLR, ASAK, SDLR, SMAR, AVH, KRX, APC, GNL, SKR, KMNR, KBTR.

IDC 21 19:07:43.1:1.9, 43°46'N:105°21'W, h0km, mb4.2/1, mb1 3.9/5, mb1mx3.5/40, mbtmp3.7/5, ML3.1/3, MS3.2/4, Ms1 3.2/4, ms1mx2.7/55, Error ellipse: s-maj=46.8km s-min=9.2km az=149.0, Error ellipse: s-maj=4.4km s-min=2.5km az=150.4

NEIC 21 19:07:45.0:0.5, 43°68'N:105°19'W, h0km, ML3.3, Error ellipse: s-maj=9.2km s-min=6.5km az=134.0, Suspected Mining explosion.

NEIC 72 km [45 miles] SSE of Gillette, ISC 21 19:07:45.0:0.7, 43°61'N:104°105'25'W:0.03, h0km, n55, e1918/60, Wyoming

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RSSD, I25A, I25A, K22A, K22A, H25A, J26A, J26A, I26A, I26A, H26A, G25A, G25A, PHWY, I27A, J27A, J27A, G26A, G26A, F25A, F26A, F26A, J28A, G27A, I28A, LAO, E25A, F27A.

Table with columns: RLMT, BW06, PDAR, PDAR, E26A, D25A, ISCO, F28A, LOHW, H17A, D26A, MOOW, SNOW, REDW, O20A, C25A, D27A, E28A, C26A, BZD, MDNO, SDCO, PV04, PV01, ELK, I10CA, ULM, ULM, ULM, WUAZ, WWJ, SADO, YKA, INK, ARCES. Includes station names, coordinates, and various codes.

IDC 21 19:27:39.5:1.1, 3.67N-128.14E, h0km, mb3.8/7, mb1 4.0/7, mb1mx3.7/39, mbtmp3.8/7, MS3.1/1, Ms1 3.1/1, ms1mx2.3/44, Error ellipse: s-maj=53.8km s-min=16.3km az=71.0, North of Halmahera

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FITZ, WRA, ASAR, CMAR, KSRS, STKA, CMAR, SKR.

ISCJB 21 19:29:14.0:0.8, 39°10'N:0.04:41°91'E:0.06, h5km, 8km, Error ellipse: s-maj=8.5km s-min=5.7km az=162.2

CSEM 21 19:29:13.9:0.2, 39°11'N:0.190E: h5km, MD3.0, Error ellipse: s-maj=0.0km s-min=3.5km az=89.0

DDA 21 19:29:14.0, 39°10'N:41°84'E, h7km, MD3.0, ISK 21 19:29:13.8, 39°10'N:41°93'E, h9km, ML2.8, ISC 21 19:29:14.3:1.0, 39°10'N:0.03:41°90E:0.03, h10km, 10km, n21, e046/30, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EKAR, VRBT, VRBT, ECAT, ECAT, EATA, ERZM, ERZM, EZM, EZM, AGRB, AGRB, SVAN, SVAN, BTM, BTM, BTM, SIRT, SIRT, PTK, PTK.

DJA 21 19:42:06.2:1.6, 3°S:3°12'E, h28km, 20km, M3.9/13, mb4.3/1, MLV3.6/13, Sulawesi

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like APSI, TTSI, TTSI, SPSI, SPSI, MMSI, PMSI, KAPI, BKSI, MFSI, GTOI, SANI, LBMI.

IDC 21 19:48:07.9:60.0, 21°12'S-169°82'E, h0km, mb3.5/3, mb1 3.7/3, mb1mx3.4/36, mbtmp3.5/3, Error ellipse: s-maj=101.1km s-min=114.6km az=78.0, Southeast of Loyalty Islands

Table with columns: WRA, ASAR. Includes station names, coordinates, and various codes.

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

ISCJB 21 20:08:14.2:1.3, 36°8'N:0.3:33°0'W:0.2, h10km, mb3.8/11, MS3.4/2, Error ellipse: s-maj=43.7km s-min=16.0km az=154.4

IDC 21 20:08:14.2:1.7, 36°78'N:32°93'W, h0km, mb3.6/9, mb1 3.8/9, mb1mx3.5/44, mbtmp3.6/9, MS3.5/2, Ms1 3.4/2, ms1mx2.6/42, Error ellipse: s-maj=57.7km s-min=20.8km az=156.0

ISC 21 20:08:15.7:1.5, 36°8'N:0.3:32°9'W:0.2, h10km, n13, e054/11, mb3.6/11, Azores Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SCHO, NOA, HFS, DBIC, FINES, AKASO, ROSO, YKA, YKA, TXAR, NVAR, KURBA, MKAR, SEY.

MEX 21 20:09:32.7:0.5, 15°34'N-94°06'W, h17km, 999km, MD3.8, Near coast of Oaxaca

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

ISCJB 21 20:10:57.0:0.6, 62°54'S:0°09:158°7'W:0.2, h10km, mb4.6/11, MS4.4/18, Error ellipse: s-maj=13.8km s-min=13.1km az=143.1

IDC 21 20:10:57.0:0.6, 62°85'S:158°71'W, h0km, mb4.5/8, mb1 4.6/8, mb1mx4.4/27, mbtmp4.5/8, MS4.4/19, Ms1 4.4/19, ms1mx4.4/21, Error ellipse: s-maj=64.0km s-min=15.9km az=16.0

NEIC 21 20:10:58.0:0.5, 62°40'S:158°51'W, h10km, mb4.9/2, Error ellipse: s-maj=22.1km s-min=13.5km az=200.0

GCMT 21 20:10:58.0:0.2, 62°78'S:158°63'W, h12km, MW5.2/80, Moment Tensor Solution. s31,c39; s80,c119; Duration: 1s0 Moment tensor: Scale 1016W; Mr-4.89e-16; Mw7.45e-14; Mb7.25e-16; Mm-1.11e-44; M0-0.34e-14; M2-4.02e-53; Best double couple: M7.00800e16 N1:39.119.00000°, 58.00000°, -5.53.00000°, NP2: 0e244.00000°, 348.00000°, -1.134.00000°. Principal axes: T: 7.5910, Pkg:0.0000, Azm:183.0000°, N:-1.1460, Pkg3:0.0000, Azm2:277.0000°, P-6.4350, Pkg5:0.0000, Azm84:0.0000°, nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s.

ISC 21 20:10:58.4:0.6, 62°55'S:0.1:158°6'W:0.1, h10km, n48, e1911/26, mb4.7/11, MS4.4/18, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Vnda, Vnda, RPA, RPA, URZ, RAO, TBI, TBI, TBI, RAR, RKT, RKT, RKT, TVO, MEH, PAE, PPT2, PPT2, PPT, PPT, MIAR, MIAR, DZM, VAH, STKA, STKA, AFI, PLCA, PLCA, CTA.

ISC 21 19:48:07.9:60.0, 21°12'S-169°82'E, h0km, mb3.5/3, mb1 3.7/3, mb1mx3.4/36, mbtmp3.5/3, Error ellipse: s-maj=101.1km s-min=114.6km az=78.0, Southeast of Loyalty Islands

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

21d 21h

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

IDC 21 20:15:19.9.2.8, 15:69S, 172.98W, h0km, mb3.7/3, mb1 4.0/4, mb1mx3.6/39, mbtmpp3.7/4, ML4.1/1, MS4.3/1, MS1 4.3/1, ms1mx2.9/28, Error ellipse: s-maj=14.6464km s-min=22.4km az=144.0, Samoa Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations in Samoa Islands region.

GUC 21 20:17:11.9.0.4, 22:14S, 68:87W, h120km, 3km, ML4.2, Northern Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations in Northern Chile.

ISCJB 21 20:22:30.0.0.3, 7:32S, 0:05E, 121:06E, h550km, mb3.8/1.1, Error ellipse: s-maj=8.7km s-min=5.6km az=147.3

DJA 21 20:22:29.7.0.6, 7:5S, 12:1E, h560km, 9km, M4.2/18, mb4.6/2, mb4.1/9, MLV4.3/18, Mw(mb)3.8/2

IDC 21 20:22:31.2.1.0, 7:25S, 121:22E, h545km, 12km, mb3.3/12, mb1 3.4/15, mb1mx3.1/53, mbtmpp4.2/15, Error ellipse: s-maj=23.4km s-min=7.7km az=57.0

ISC 21 20:22:31.2.0.5, 7:33S, 0:08E, 121:09E, h10km, n46, 6:93/51, mb3.8/1.1, Flores

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

2011 FEB

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations in the 2011 FEB section.

ISCJB 21 20:23:35.1.0.1, 31:81N, 0:03E, 115:84W, h0km, 8km, Error ellipse: s-maj=5.5km s-min=4.3km az=23.6

ECX 21 20:23:36.1.0.5, 31:80N, 115:82W, h5km, MD2.2, ML2.4, MEX 21 20:23:37.9.0.4, 31:83N, 115:81W, h32km, 29km, MD3.7

ISC 21 20:23:39.1.1.1, 31:82N, 0:03E, 115:82W, h0km, h18km, 11km, n16, 6:05/24, 25, 8C, Baja California

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations in Baja California.

IDC 21 20:28:08.9.1.3, 25:36S, 178:69E, h560km, 15km, mb3.3/7, mb1 3.6/10, mb1mx3.3/28, mbtmpp4.3/10, Error ellipse: s-maj=30.0km s-min=16.1km az=168.0, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations in South of Fiji Islands.

ISCJB 21 19:11.2.0.3, 28:72S, 0:04E, 20:57E, h10km, mb4.4/17, MS3.4/5, Error ellipse: s-maj=5.8km s-min=4.0km az=156.8

PRE 21 19:11.8.2.2, 28:80S, 20:50E, h5km, ML4.7, IDC 21 19:11.8.0.9, 28:86S, 20:31E, h0km, mb4.2/9, mb1 4.3/12, mb1mx4.0/50, mbtmpp4.2/12, ML2.5/3, MS3.4/9, MS1 3.4/9, ms1mx3.2/51, Error ellipse: s-maj=24.8km s-min=18.5km az=65.0

NEIC 21 19:12.7.0.3, 28:59S, 20:36E, h5km, mb4.6/9, Error ellipse: s-maj=9.3km s-min=7.7km az=97.0

ISC 21 19:12.9.0.5, 28:61S, 0:04E, 20:46E, h10km, n60, 6:183/67, mb4.4/17, MS3.4/5, South Africa

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations in South Africa.

1058

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations in the 1058 section.

ISCJB 21 21:16:01.0.0.4, 0:10N, 0:05E, 123:21E, h162km, mb3.7/13, Error ellipse: s-maj=7.6km s-min=6.7km az=30.1

DJA 21 21:16:03.0.0.7, 0:9N, 12:3E, h155km, 14km, M4.2/14, mb5.2/1, mb4.2/4, MLV4.2/14, Mw(mb)4.5/15

IDC 21 21:16:03.3.4.0, 0:00N, 123:22E, h179km, 35km, mb3.4/13, mb1 3.6/15, mb1mx3.4/53, mbtmpp4.0/15, Error ellipse: s-maj=28.0km s-min=12.3km az=63.0

ISC 21 21:16:02.1.0.6, 0:03N, 120:06E, h162km, n37, 1:10/10, mb3.8/13, Minahasa Peninsula, Sulawesi

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations in Minahasa Peninsula, Sulawesi.

ISCJB 21 19:11.2.0.3, 28:72S, 0:04E, 20:57E, h10km, mb4.4/17, MS3.4/5, Error ellipse: s-maj=5.8km s-min=4.0km az=156.8

PRE 21 19:11.8.2.2, 28:80S, 20:50E, h5km, ML4.7, IDC 21 19:11.8.0.9, 28:86S, 20:31E, h0km, mb4.2/9, mb1 4.3/12, mb1mx4.0/50, mbtmpp4.2/12, ML2.5/3, MS3.4/9, MS1 3.4/9, ms1mx3.2/51, Error ellipse: s-maj=24.8km s-min=18.5km az=65.0

NEIC 21 19:12.7.0.3, 28:59S, 20:36E, h5km, mb4.6/9, Error ellipse: s-maj=9.3km s-min=7.7km az=97.0

ISC 21 19:12.9.0.5, 28:61S, 0:04E, 20:46E, h10km, n60, 6:183/67, mb4.4/17, MS3.4/5, South Africa

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations in South Africa.

21d 22h

Table with columns: Station Name, Time, Res, Code, Station Name, Δ, AZ, Op, Phase ID, ISC, h, m, s, ISC, Time, Res. Includes stations like HNR, PWJI, MDSI, LHSI, etc.

2015 FEB

Table with columns: Station Name, Time, Res, Code, Station Name, Δ, AZ, Op, Phase ID, ISC, h, m, s, ISC, Time, Res. Includes stations like TORO, DBBC, SJAC, etc.

1060

Table with columns: Station Name, Time, Res, Code, Station Name, Δ, AZ, Op, Phase ID, ISC, h, m, s, ISC, Time, Res. Includes stations like OHH, MRKS, MRKS, TDK, etc.

Table with columns: IATA, City, Time, Status, Type, and other flight details. Includes entries for Rawiri, Tahuroa Road, Edgecumbe, Urewera, Waiaatarua, etc.

Table with columns: IATA, City, Time, Status, Type, and other flight details. Includes entries for Tubuai, Alice Springs, Warramunga, Tennant Creek, etc.

Table with columns: IATA, City, Time, Status, Type, and other flight details. Includes entries for Johnston Island, Guam, Palmer Station, Wanaqama, etc.

Table with columns for station code, name, frequency, and various performance metrics (e.g., SNR, SNR=10, SNR=2.9). Includes stations like CANA Caviahué, KULM Kulim, JOW Kunigami, etc.

Table with columns for station code, name, frequency, and various performance metrics. Includes stations like KS15 Wonju Array Si, KSAR Wonju Array Be, YUZH Kuril'sk, etc.

Table with columns for station code, name, frequency, and various performance metrics. Includes stations like SNY comp=Z,690nm,12.0s, MDJ Mudanjiang, SMY Shemya, etc.

BJI	comp=Z,21nm,2.3s		pmax	pmax			
BJI	comp=Z,810nm,9.2s		pmax	pmax			
BJI	comp=Z,5µm,25.0s		LR	LR			
BJI	comp=Z,4µm,20.2s		LR	LR			
TIY	comp=Z,8µm,30.3s	97.56	316	eP	Pdif	00 05 18.9 +1.4	
TIY				SKS	SKS	00 15 57.1 +1.8	
TIY				S	S	00 16 38.9 -3.9	
TIY	comp=Z,600nm,8.2s		pmax	pmax			
SNCC	comp=Z,7µm,19.5s	98.25	52	PFAKE	LR	00 05 30.0 +9.4	
SNCC	San Nicolas Is						
SRIG	comp=Z,7µm,20.0s	98.40	60	PFAKE	LR	00 05 30.0 +8.6	
SRIG	Santa Rosalia						
UNV	comp=Z,7µm,18.0s	98.59	12	PFAKE	LR	00 05 30.0 +8.5	
UNV	Unalaska Valle						
LPAZ	comp=Z,13µm,22.0s	98.59	122	P	Pdif	00 05 24.6 +1.2	
LPAZ	La Paz						
LPAZ	comp=Z,2.1nm,0.7s,baz=200,slow=5.4,SNR=6					00 39 55.3	
AKUT	comp=Z,9µm,21.1s,baz=194,slow=29	98.98	13	PFAKE	LR	00 05 30.0 +6.8	
AKUT	Akutan						
BAR	comp=Z,10µm,20.0s	99.49	54	PFAKE	LR	00 05 40.0 +1.4	
BAR	Barrett						
SMCC	comp=Z,6µm,18.0s	99.49	50	Pdif	Pdif	00 05 27.7 +1.6	
SMCC	Simmer						
DPP	comp=Z,7µm,19.5s	99.56	53	eP	Pdif	00 05 28.1 +1.6	
DPP	Dos Picos Cty						
PASC	comp=Z,10µm,21.0s	99.68	52	PFAKE	LR	00 05 40.0 +1.3	
PASC	Pasadena Art C						
OSI	comp=Z,8µm,21.0s	99.70	51	PFAKE	LR	00 05 40.0 +1.3	
OSI	Ostio Audit: C						
SAO	comp=Z,10µm,21.0s	99.76	48	PFAKE	LR	00 05 40.0 +1.3	
SAO	San Andreas Ge						
MWC	comp=Z,9µm,18.0s	99.79	52	PFAKE	LR	00 05 40.0 +1.2	
MWC	Mount Wilson						
IBP	comp=Z,8µm,21.0s	99.81	54	Pdif	Pdif	00 05 29.5 +1.9	
IBP	Imperial Bould						
MCCM	comp=Z,9µm,20.0s	100.02	46	PFAKE	LR	00 05 40.0 +1.2	
MCCM	Marconi Confer						
FALS	comp=Z,9µm,20.0s	100.07	14	PFAKE	LR	00 05 40.0 +1.2	
FALS	False Pass						
NKL	comp=Z,10µm,21.0s	100.13	341	eP	Pdif	00 05 25.0 -3.4	
NKL	Nikolayevsk					00 17 10.0	
NKL				pmax	pmax		
NKL							
ABPO	comp=Z,500nm,10.0s	100.23	232	PFAKE	LR	00 05 40.0 +1.0	
ABPO	Ambohimpinom						
SUR	comp=Z,7µm,18.0s	100.23	204	PFAKE	LR	00 05 40.0 +1.0	
SUR	Sutherland						
PFO	comp=Z,8µm,20.0s	100.28	53	Pdif	Pdif	00 05 32.1 +2.4	
PFO	Pinyon Flats O						
PFO	comp=Z,8µm,20.0s	100.28	53	ePdif	Pdif	00 05 30.3 +0.5	
PFO	Pinyon Flats O					00 09 36.3 0.0	
PFO				eP	eP	00 09 41.9 +5.6	
PFO				MLR	MLR		
EDW2	comp=Z,8µm,19.0s	100.31	51	Pdif	Pdif	00 05 31.8 +2.0	
EDW2	Edwards Air Fo						
HSIG	comp=Z,8µm,19.0s	100.40	60	PFAKE	LR	00 05 40.0 +1.0	
HSIG	Edwards Air Fo						
HHC	comp=Z,6µm,20.0s	100.40	318	eP	Pdif	00 05 30.6 +0.5	
HHC	Hu-ho-hao-tie					00 09 44.8 +7.8	
HHC				SKS	SKS	00 16 10.3	
HHC				S	S	00 17 07.9 +1.3	
HHC				S	S	00 24 03.3 +0.4	
HHC				pmax	pmax		
HHC	comp=Z,16nm,1.5s			pmax	pmax		
HHC	comp=Z,460nm,8.2s						
HHC	comp=Z,5µm,20.1s			LR	LR		
HHC	comp=Z,3µm,19.5s			LR	LR		
HHC	comp=Z,8µm,18.1s			LR	LR		
MOIG	comp=Z,8µm,18.1s	100.54	73	PFAKE	LR	00 05 40.0 +8.6	
MOIG	Morelia						
HOPS	comp=Z,5µm,18.0s	100.55	46	PFAKE	LR	00 05 40.0 +9.3	
HOPS	Hopland Field						
ISA	comp=Z,14µm,20.0s	100.60	51	PFAKE	LR	00 05 40.0 +8.9	
ISA	Isabella, Lake						
BELC	comp=Z,8µm,20.0s	100.82	53	Pdif	Pdif	00 05 33.8 +1.6	
BELC	Belle Min. Jos						
GLA	comp=Z,8µm,19.0s	100.84	55	PFAKE	LR	00 05 40.0 +7.8	
GLA	Glamis						
BC3	comp=Z,3µm,19.5s	100.90	54	Pdif	Pdif	00 05 34.1 +1.6	
BC3	Big Chuckawall						
SHL	comp=Z,4µm,26.9s	100.93	295	eP	Pdif	00 05 36.0 +3.1	
SHL	Shilong					00 09 46.0 +4.6	
LZH	comp=Z,7µm,18.0s	100.93	310	eP	Pdif	00 16 16.0	
LZH	Lanzhou					00 05 33.5 +0.8	
LZH				pP	pP	00 05 36.8 +1.9	
LZH				sP	sP	00 05 38.3 +3.9	
LZH				SKS	SKS	00 16 12.0	
LZH				S	S	00 17 08.0 -3.5	
LZH				S	S	00 17 17.0 +2.3	
LZH				pmax	pmax	00 24 12.0 +1.4	
LZH	comp=Z,75nm,1.3s						
LZH	comp=Z,460nm,8.0s						
LZH	comp=Z,2µm,14.4s			LR	LR		
LZH	comp=Z,3µm,16.5s			LR	LR		
LZH	comp=Z,6µm,19.6s			LR	LR		
TLIG	comp=Z,8µm,18.0s	100.96	76	PFAKE	LR	00 05 40.0 +6.8	
TLIG	Tiapa						
SDPT	comp=Z,6µm,19.0s	101.07	15	PFAKE	LR	00 05 40.0 +7.5	
SDPT	Sand Point						
KMRM	comp=Z,13µm,20.0s	101.14	44	PFAKE	LR	00 05 40.0 +6.7	
KMRM	Mali Ridge						
HEC	comp=Z,13µm,20.0s	101.22	52	Pdif	Pdif	00 05 35.5 +1.7	
HEC	Hector,Ludlow						
CMB	comp=Z,7µm,20.0s	101.27	48	PFAKE	LR	00 05 50.0 +1.6	
CMB	Columbia Colle						
214A	comp=Z,11µm,19.0s	101.28	57	Pdif	Pdif	00 05 36.2 +2.1	
214A	Organ Pipe Nat						
GSC	comp=Z,8µm,19.5s	101.28	52	Pdif	Pdif	00 05 36.1 +2.0	
GSC	Goldstone, Bar						
SPIA	comp=Z,6µm,19.6s	101.32	9	PFAKE	LR	00 05 50.0 +1.6	
SPIA	Saint Paul Isl						
JCC	comp=Z,6µm,20.0s	101.42	44	PFAKE	LR	00 05 50.0 +1.6	
JCC	Jacoby Creek,						
IRM	comp=Z,10µm,20.0s	101.43	54	Pdif	Pdif	00 05 37.2 +2.5	
IRM	Iron Mountain						
SKHT	comp=Z,8µm,20.0s	101.47	278	ePdif	SKS	00 05 34.9 -0.4	
SKHT	Srikalahasti					00 16 14.5 -1.0	

SKHT				eSdif	Sdif	00 17 14.4 -2.1	
SKHT				eSS	SS	00 24 21.7 +3.7	
SKHT				IVMs_BB	IVMs_BB	00 42 55.9	
Y12C	comp=Z,4µm,26.4s	101.51	54	Pdif	Pdif	00 05 37.8 +2.8	
Y12C	Blythe						
Y12C	comp=Z,7µm,18.0s	101.51	54	PFAKE	LR	00 05 50.0 +1.5	
Y12C	Darwin (Calif)						
DAC	comp=Z,11µm,21.0s	101.53	51	PFAKE	LR	00 05 50.0 +1.5	
DAC	Darwin (Calif)						
CHLP	comp=Z,11µm,21.0s	101.55	284	ePdif	Pdif	00 05 35.3 -0.3	
CHLP	Challavanipeta					00 09 42.1 -3.7	
CHLP				ePKIP	PKIP	00 08 52.7 +0.7	
CHLP				eSKS	SKS	00 16 18.9 +0.1	
CHLP				eSdif	Sdif	00 17 14.4 -2.6	
CHLP				eSS	SS	00 24 24.5 +5.4	
CHLP				IVMs_BB	IVMs_BB	00 45 40.7	
GMRC	comp=Z,3µm,27.5s	101.58	53	Pdif	Pdif	00 05 38.7 +3.2	
GMRC	Granite Mounta						
KHMM	comp=Z,9µm,20.0s	101.61	44	PFAKE	LR	00 05 50.0 +1.4	
KHMM	Horse Mountain						
AFDM	comp=Z,12µm,20.0s	101.62	47	PFAKE	LR	00 05 50.0 +1.5	
AFDM	Forest Hills D						
ZAIG	comp=Z,10µm,19.0s	101.66	70	PFAKE	LR	00 05 50.0 +1.4	
ZAIG	Zacatecas						
UNM	comp=Z,8µm,20.0s	101.71	75	PFAKE	LR	00 05 50.0 +1.3	
UNM	Universidad Na						
MLAC	comp=Z,6µm,19.0s	101.81	49	Pdif	Pdif	00 05 38.5 +1.9	
MLAC	Mammoth, Mammo						
TUQ	comp=Z,8µm,20.0s	101.89	52	Pdif	Pdif	00 05 38.8 +1.9	
TUQ	Turquoise Moun						
WDC	comp=Z,10µm,21.0s	102.00	45	PFAKE	LR	00 05 50.0 +1.3	
WDC	Whiskeytown Da						
LDFC	comp=Z,8µm,20.0s	102.10	53	PFAKE	LR	00 05 50.0 +1.2	
LDFC	Landfair						
003D	comp=Z,8µm,20.0s	102.17	45	Pdif	Pdif	00 05 39.9 +2.0	
003D	Paynes Creek						
KBO	comp=Z,8µm,19.0s	102.37	43	PFAKE	LR	00 05 50.0 +1.1	
KBO	Bosley Butte						
PVM	comp=Z,8µm,19.0s	102.44	282	ePdif	Pdif	00 05 39.0 -0.6	
PVM	Polavaram					00 09 48.5 -4.0	
PVM				eSKS	SKS	00 16 19.5 -0.4	
PVM				eSdif	Sdif	00 17 25.5 +1.0	
PVM				eSS	SS	00 44 49.3	
PVM				IVMs_BB	IVMs_BB	00 44 49.3	
Y14A	comp=Z,2µm,26.0s	102.55	55	PFAKE	LR	00 05 50.0 +1.0	
Y14A	Wickenburg						
NV01	comp=Z,29µm,20.0s	102.68	49	P	P	00 09 55.0 +0.6	
NV01	Mina Array Sit						
NVAR	comp=Z,0.1nm,0.3s,baz=224,slow=7.6,SNR=3.8	102.68	49	P	Pdif	00 05 42.0 +1.6	
NVAR	Mina Array Bea						
NVAR	comp=Z,0.8nm,0.7s,baz=131,slow=2.5,SNR=5.0						

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Table with columns for ID, Name, Time, and various performance metrics. Includes entries like MID Middleton Isla, KVTX Kingsville, etc.

2011 FEB

Table with columns for ID, Name, Time, and various performance metrics. Includes entries like RND Reindeer, ISCO Idaho Springs, etc.

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Table with columns for ID, Name, Time, and various performance metrics. Includes entries like W34A Bridge Creek, X35A Drake, etc.

EDM EDM	Edmonton	115.27	40	ePKIKP LR	PKPpdf LR	00 10 23.7 -0.5
EDM EDM	Edmonton	115.27	40	ePKIKP MLR	PKPpdf MLR	00 10 23.7 -0.5
S35A	Otter Creek Ra	115.29	61	PKIKP	PKIKP	00 10 26.3 +1.6
WMQ WMQ	Urumqi	115.31	307	PKP SPKP	PKPpdf	00 10 24.6 0.0
WMQ WMQ				PP	PP	00 11 30.5 +4.5
WMQ WMQ				PKS	PKSdf	00 14 03.0 +1.8
WMQ WMQ				SKS	SKSdf	00 17 38.9 +1.8
WMQ WMQ				SS	SSSac	00 18 25.5 -1.8
WMQ WMQ				SS	SS	00 27 20.0 -4.6
WMQ	comp-Z,200nm,9.8s			LR	LR	
WMQ	comp-Z,1um,22.0s			LR	LR	
WMQ	comp-Z,2um,20.0s			LR	LR	
WMQ	comp-Z,2um,25.6s			LR	LR	
L29A	Maesberg Ranch	115.32	55	PKIKP	PKIKP	00 10 26.5 +1.8
SDV SDV	Santo Domingo	115.33	102	PFAKE LR	PKIKP LR	00 10 40.0 +1.4
P33A	Williams Farm,	115.46	59	PKIKP	PKIKP	00 10 26.2 +1.3
W39A	Magazine	115.46	65	PKIKP	PKIKP	00 10 26.1 +1.1
G25A	Newell	115.47	51	PKIKP	PKIKP	00 10 26.6 +1.8
H26A	Fairpoint	115.49	52	PKIKP	PKIKP	00 10 26.7 +1.9
I27A	Quinn	115.58	53	PKIKP	PKIKP	00 10 27.3 +2.2
O32A	Grockman Farm,	115.59	58	PKIKP	PKIKP	00 10 27.1 +1.9
PTGA	Pitinga	115.63	118	PKP	PKPpdf	00 10 25.3 -0.7
PTGA	Pitinga	115.63	118	PKP	PKPpdf	00 10 25.3 -0.7
Q34A	Chapman	115.63	60	PKIKP	PKIKP	00 10 27.2 +1.9
J28A	Allard Ranch,	115.67	54	PKIKP	PKIKP	00 10 27.1 +1.8
R35A	Emporia Muncici	115.75	61	PKIKP	PKIKP	00 10 27.3 +1.8
S36A	Lake Cedric, C	115.78	62	PKIKP	PKIKP	00 10 27.4 +1.8
U38A	Gravette	115.80	63	PKIKP	PKIKP	00 10 26.9 +1.3
N32A	Stulken Farm,	115.87	58	PKIKP	PKIKP	00 10 27.4 +1.7
F25A	Bowman	115.88	50	PKIKP	PKIKP	00 10 27.6 +2.0
VBMS	Vicksburg	115.89	69	PFAKE LR	PKIKP LR	00 10 40.0 +1.4
H27A	Howes	115.90	52	PKIKP	PKIKP	00 10 27.6 +2.0
Q34A	Hebron	115.91	59	PKIKP	PKIKP	00 10 27.6 +1.8
W40A	Ferguson Farm,	115.93	65	PKIKP	PKIKP	00 10 27.5 +1.5
V39A	Pettigrew	115.94	64	PKIKP	PKIKP	00 10 27.6 +1.5
KSU1	Kansas State U	115.94	60	ePKP LR	PKPpdf LR	00 10 26.4 +0.5
G26A	Maurine	115.99	51	PKIKP	PKIKP	00 10 27.5 +1.7
HHAR	Hobbs	116.00	64	ePKP LR	PKPpdf LR	00 10 25.7 -0.3
HHAR	Hobbs	116.00	64	ePKP LR	PKPpdf LR	00 11 22.9 -8.1
I28A	Miland	116.05	53	PKIKP	PKIKP	00 10 27.7 +1.7
P34A	Walnut Farm, R	116.07	59	PKIKP	PKIKP	00 10 27.9 +1.8
Q35A	Mercer Eighty,	116.16	60	PKIKP	PKIKP	00 10 27.9 +1.6
R36A	Gordon, Harris	116.19	61	PKIKP	PKIKP	00 10 28.1 +1.7
J29A	Otreek	116.20	54	PKIKP	PKIKP	00 10 28.0 +1.8
T38A	Diamond	116.22	63	PKIKP	PKIKP	00 10 27.7 +1.2
E25A	Miller Ranch,	116.25	50	PKIKP	PKIKP	00 10 28.1 +1.9
F26A	Lodgepole	116.28	51	PKIKP	PKIKP	00 10 28.1 +1.8
S37A	Fort Scott	116.29	62	PKIKP	PKIKP	00 10 28.1 +1.6
BGNE	Belgrade	116.34	57	PKIKP	PKIKP	00 10 28.3 +1.7
BGNE	Belgrade	116.34	57	PFAKE LR	PKIKP LR	00 10 40.0 +1.3
L31A	Gutterfield Fa	116.37	56	PKIKP	PKIKP	00 10 28.2 +1.5
N33A	J Bar K, Exete	116.38	58	PKIKP	PKIKP	00 10 28.4 +1.7
G27A	Dupree	116.42	52	PKIKP	PKIKP	00 10 28.3 +1.7
WHAR	Woolly Hollow	116.51	66	PFAKE LR	PKIKP LR	00 10 40.0 +1.3
MTDJ	Mount Denham	116.55	90	PFAKE LR	PKIKP LR	00 10 40.0 +1.2
P35A	Duane Minner,	116.57	60	PKIKP	PKIKP	00 10 28.3 +1.2
I29A	Vivian Onida	116.57	54	PKIKP	PKIKP	00 10 28.9 +2.0
R37A	Teagarden Farm	116.61	62	PKIKP	PKIKP	00 10 28.7 +1.5
F27A	Lemmon	116.66	51	PKIKP	PKIKP	00 10 29.1 +2.0
U40A	Yellville	116.76	64	PKIKP	PKIKP	00 10 28.8 +1.3
E26A	Carlson Angus	116.76	50	PKIKP	PKIKP	00 10 29.0 +1.7
T39A	Clever	116.80	63	PKIKP	PKIKP	00 10 29.1 +1.6
S38A	Stockton	116.81	63	PKIKP	PKIKP	00 10 28.6 +1.1
G28A	Parade	116.83	52	PKIKP	PKIKP	00 10 28.8 +1.4
DGMT	Dagmar	116.98	48	PKIKP	PKIKP	00 10 29.5 +1.9
DGMT	Dagmar	116.98	48	PFAKE LR	PKIKP LR	00 10 40.0 +1.2
M33A	Taylor Creek F	117.02	57	PKIKP	PKIKP	00 10 29.5 +1.6
N34A	Lincoln	117.02	58	PKIKP	PKIKP	00 10 29.4 +1.5
C25A	Freed Ranch, W	117.05	49	PKIKP	PKIKP	00 10 29.7 +2.0
O26A	Manning	117.10	50	PKIKP	PKIKP	00 10 29.8 +2.0
Q37A	Longview Farm,	117.18	61	PKIKP	PKIKP	00 10 29.7 +1.4
S39A	Bolivar	117.22	63	PKIKP	PKIKP	00 10 30.0 +1.6
E27A	Carson	117.24	51	PKIKP	PKIKP	00 10 30.0 +1.8
F28A	McLaughlin	117.34	52	PKIKP	PKIKP	00 10 30.0 +1.6
M34A	Aspy Farms, Fr	117.35	58	PKIKP	PKIKP	00 10 30.1 +1.6
B25A	Knox Farm, Ray	117.42	48	PKIKP	PKIKP	00 10 30.5 +2.1
T40A	Manfield	117.44	64	PKIKP	PKIKP	00 10 30.1 +1.3
SUSD	Miller	117.61	54	PKIKP	PKIKP	00 10 30.6 +1.7
BRAL	Brewton	117.65	72	PFAKE LR	PKIKP LR	00 10 40.0 +1.1
BRAL	Brewton	117.65	72	PFAKE LR	PKIKP LR	00 10 40.0 +1.1
J32A	Parkston	117.65	55	PKIKP	PKIKP	00 10 30.6 +1.6
P37A	Lathrop	117.65	61	PKIKP	PKIKP	00 10 30.6 +1.4

D27A	Center	117.66	50	PKIKP	PKIKP	00 10 31.0 +2.0
S40A	Lebanon	117.70	63	PKIKP	PKIKP	00 10 30.6 +1.3
C26A	Wahner Farm, P	117.75	49	PKIKP	PKIKP	00 10 31.0 +1.9
Q38A	Cooks Store, C	117.76	62	PKIKP	PKIKP	00 10 30.8 +1.4
R39A	Chumby, Stover	117.77	62	PKIKP	PKIKP	00 10 30.5 +1.1
E28A	Huff	117.82	51	PKIKP	PKIKP	00 10 30.9 +1.6
A25A	Sveastu Ranch	117.83	48	PKIKP	PKIKP	00 10 31.4 +2.2
F29A	Eureka	117.89	52	PKIKP	PKIKP	00 10 31.0 +1.6
H31A	Wolsey	117.91	54	PKIKP	PKIKP	00 10 31.1 +1.6
N36A	Muff Farm, Cla	117.97	59	PKIKP	PKIKP	00 10 31.3 +1.5
MET MET	Memphis-Engin	117.98	67	PFAKE LR	PKIKP LR	00 10 40.0 +1.0
OXF OXF	Oxford	117.98	68	PFAKE LR	PKIKP LR	00 10 40.0 +1.0
B26A	Jensen Ranch,	117.99	49	PKIKP	PKIKP	00 10 31.7 +2.1
C27A	Saylor Ranch,	118.02	50	PKIKP	PKIKP	00 10 31.6 +2.0
O37A	Wolven Farm, M	118.11	60	PKIKP	PKIKP	00 10 31.4 +1.4
P38A	Dawn	118.19	61	PKIKP	PKIKP	00 10 31.8 +1.6
Q39A	Willow Grove F	118.22	62	PKIKP	PKIKP	00 10 31.8 +1.5
D28A	Regan	118.24	51	PKIKP	PKIKP	00 10 31.9 +1.8
K34A	Le Mars	118.32	57	PKIKP	PKIKP	00 10 32.0 +1.6
L35A	Bielow Farm, R	118.34	58	PKIKP	PKIKP	00 10 32.0 +1.6
A26A	Wade Farm, Ken	118.39	48	PKIKP	PKIKP	00 10 32.2 +1.9
N37A	Lee Faris, Mou	118.41	60	PKIKP	PKIKP	00 10 32.2 +1.6
E29A	Napoleon	118.41	52	PKIKP	PKIKP	00 10 31.9 +1.4
M36A	Felix Anita	118.43	59	PKIKP	PKIKP	00 10 32.0 +1.4
INK	Inuvik	118.47	20	PKP	PKPpdf	00 10 28.9 -0.8
INK	Inuvik	118.47	20	PKP	PKPpdf	00 10 28.9 -0.8
INK	Inuvik	118.47	20	ePKP LR	PKPpdf LR	00 20 48.9 +1.0
INK	Inuvik	118.47	20	ePKP LR	PKPpdf LR	00 20 49.5 -2.2
INK	Inuvik	118.47	20	ePKP LR	PKPpdf LR	00 20 49.9 +2.0
G31A	Conde	118.49	54	PKIKP	PKIKP	00 10 32.3 +1.7
O38A	Galt	118.51	61	PKIKP	PKIKP	00 10 32.2 +1.4
H32A	Carlson Farm,	118.54	55	PKIKP	PKIKP	00 10 32.5 +1.7
B27A	Peters Farms,	118.54	49	PKIKP	PKIKP	00 10 32.4 +1.8
PBMO	Poplar Bluff	118.59	65	PFAKE LR	PKIKP LR	00 10 40.0 +9.0
ECSD	EROS Data Cent	118.60	56	PKIKP	PKIKP	00 10 32.5 +1.6
ECSD	EROS Data Cent	118.60	56	ePKP LR	PKPpdf LR	00 10 30.5 -0.3
ECSD	EROS Data Cent	118.60	56	ePKP LR	PKPpdf LR	00 20 50.1 +2.2
P39A	Salisbury	118.61	61	PKIKP	PKIKP	00 10 32.6 +1.6
C28A	Hausauer Farms	118.64	50	PKIKP	PKIKP	00 10 32.7 +1.9
I33A	Coleman	118.66	55	PKIKP	PKIKP	00 10 32.7 +1.7
J34A	George	118.74	56	PKIKP	PKIKP	00 10 33.0 +1.8
L34A	Lakeview Retre	118.77	71	PFAKE LR	PKIKP LR	00 10 40.0 +8.5
Q40A	Laux Farm, Aux	118.77	62	PKIKP	PKIKP	00 10 32.9 +1.6
E30A	Jud	118.80	52	PKIKP	PKIKP	00 10 32.8 +1.6
F31A	Hecla	118.82	53	PKIKP	PKIKP	00 10 32.6 +1.4
A27A	Ledoux Ranch,	118.86	49	PKIKP	PKIKP	00 10 33.1 +1.9
M37A	Trindle Farm,	118.86	59	PKIKP	PKIKP	00 10 33.1 +1.7
K35A	Storm Lake	118.87	57	PKIKP	PKIKP	00 10 33.0 +1.6
G32A	Webster	118.92	54	PKIKP	PKIKP	00 10 33.2 +1.7
TIXI	Tiksi	118.97	345	PFAKE LR	PKIKP LR	00 10 40.0 +9.4
TIXI	Tiksi	118.97	345	ePKP LR	PKPpdf LR	00 10 29.2 -1.4
TIXI	Tiksi	118.97	345	ePKP LR	PKPpdf LR	00 10 29.2 -1.4
H33A	Prairie Over Nor	119.05	55	PKIKP	PKIKP	00 10 33.5 +1.8
B28A	Dugan Ranch, T	119.06	50	PKIKP	PKIKP	00 10 33.4 +1.8
P40A	Paris	119.09	62	PKIKP	PKIKP	00 10 33.4 +1.5
MDND	Maddock	119.15	50	PKIKP	PKIKP	00 10 33.4 +1.6
MDND	Maddock	119.15	50	ePKP LR	PKPpdf LR	00 10 31.2 -0.5
MDND	Maddock	119.15	50	ePKP LR	PKPpdf LR	00 10 31.2 -0.5
O39A	Kirkville	119.18	61	PKIKP	PKIKP	00 10 33.6 +1.6
D30A	Buchanan	119.22	51	PKIKP	PKIKP	00 10 33.6 +1.6
I34A	Hadley	119.22	56	PKIKP	PKIKP	00 10 33.6 +1.5
J35A	Milford	119.24	57	PKIKP	PKIKP	00 10 33.7 +1.6
ZSN	Zaisan	119.28	309	ePKP LR	PKPpdf LR	00 10 30.2 -1.8
ZSN	Zaisan	119.28	309	ePKP LR	PKPpdf LR	01 04 18.4
K36A	Wagon City	119.30	58	PKIKP	PKIKP	00 10 33.8 +1.6
A28A	Rude Farm, Bot	119.37	49	PKIKP	PKIKP	00 10 34.1 +1.9
GTBY	Guantanamo Bay	119.39	90	PFAKE LR	PKIKP LR	00 10 40.0 +7.0
M38A	Pleasantville	119.41	59	PKIKP	PKIKP	00 10 33

Table with columns: STNC, Stoke, 169.82 342, eP, AMS, PKPprr, 00 11 38.4, 01 30 56.6, Code, Station Name, Δ° AZ', Phase ID, Time, Res, h m s, ISC, MOZ, McQueen's Vall, 0.20 213, Op, P, ISC, P, Pg, 23 54 30.9, -0.4, MOZ, McQueen's Vall, 0.20 213, SG, Sg, 23 54 34.5, +0.4, MOZ, McQueen's Vall, 0.20 213, SG, Sg, 23 54 34.5, +0.4, MOZ, McQueen's Vall, 0.20 213, AM, AM, 23 54 34.6, +0.4, OXZ, Oxford, 0.60 290, eP, P, Pg, 23 54 39.0, +0.2, OXZ, Oxford, 0.60 290, SG, Sg, 23 54 47.5, +0.9, LTZ, Lake Taylor, 0.85 332, P, P, Pg, 23 54 44.5, -0.2, LTZ, Lake Taylor, 0.85 332, S, S, Pg, 23 54 54.0, -0.8, RPZ, Rata Peaks, 1.28 261, eP, P, Pg, 23 54 58.6, +0.3, RPZ, Rata Peaks, 1.28 261, AM, AM, 23 55 08.8, +0.3, INZ, Inchbonnie, 1.29 309, eP, P, Pn, 23 55 12.9, -3.2

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, h m s, ISC, MOZ, McQueen's Vall, 0.16 201, Op, P, ISC, P, Pg, 23 53 36.0, 0.0, MOZ, McQueen's Vall, 0.16 201, SG, Sg, 23 53 38.6, +0.4, MOZ, McQueen's Vall, 0.16 201, AM, AM, 23 53 38.6, +0.4, MOZ, McQueen's Vall, 0.16 201, AM, AM, 23 53 38.6, +0.4, OXZ, Oxford, 0.56 295, eP, P, Pg, 23 53 43.7, +0.2, LTZ, Lake Taylor, 0.85 336, P, P, Pg, 23 53 49.3, +0.2, LTZ, Lake Taylor, 0.85 336, AM, AM, 23 54 01.2, +0.2, LTZ, Lake Taylor, 0.85 336, AM, AM, 23 54 01.2, +0.2

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, h m s, ISC, MOZ, McQueen's Vall, 0.20 213, Op, P, ISC, P, Pg, 23 54 30.9, -0.4, MOZ, McQueen's Vall, 0.20 213, SG, Sg, 23 54 34.5, +0.4, MOZ, McQueen's Vall, 0.20 213, SG, Sg, 23 54 34.5, +0.4, MOZ, McQueen's Vall, 0.20 213, AM, AM, 23 54 34.6, +0.4, OXZ, Oxford, 0.60 290, eP, P, Pg, 23 54 39.0, +0.2, OXZ, Oxford, 0.60 290, SG, Sg, 23 54 47.5, +0.9, LTZ, Lake Taylor, 0.85 332, P, P, Pg, 23 54 44.5, -0.2, LTZ, Lake Taylor, 0.85 332, S, S, Pg, 23 54 54.0, -0.8, RPZ, Rata Peaks, 1.28 261, eP, P, Pg, 23 54 58.6, +0.3, RPZ, Rata Peaks, 1.28 261, AM, AM, 23 55 08.8, +0.3, INZ, Inchbonnie, 1.29 309, eP, P, Pn, 23 55 12.9, -3.2

ISK 21 23:54:36.6, 38°47N, 31°37E, h3km, MD2.8
DDA 21 23:54:37.0, 38°47N, 31°37E, h7km, MD2.9
CSEM 21 23:54:37.0, 38°47N, 31°37E, h2km, MD2.9, Error
ellipse: s-maj=3.5km s-min=2.6km az=33.0
ISC 21 23:54:37.2, 1.2, 38.49N, 0.003, 31.40E, 0.02, h0km, 12km,
n41, e054/58, Turkey

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, h m s, ISC, BOLV, Bolvadin, 0.42 303, Op, P, ISC, P, Pg, 23 54 45.7, +0.5, BOLV, Bolvadin, 0.42 303, S, S, Pg, 23 54 55.0, +1.7, BOLV, Bolvadin, 0.42 303, P, P, Pg, 23 54 57.5, +0.5, KDNH, Kadinhani, 0.57 87, i, P, Sg, 23 54 48.0, 0.0, KDNH, Kadinhani, 0.57 87, S, S, Pg, 23 54 55.0, +0.1, KDNH, Kadinhani, 0.57 87, P, P, Pg, 23 54 50.5, +0.6, SHUT, Suhut-Afyon, 0.67 276, eP, P, Pg, 23 54 59.4, +0.8, SHUT, Suhut-Afyon, 0.67 276, eS, Sg, 23 54 50.5, +0.6, SHUT, Suhut-Afyon, 0.67 276, eP, P, Pg, 23 54 59.4, +0.8, BAGO, Egridir - ISPA, 0.69 224, i, P, Sg, 23 55 09.5, +0.5, BAGO, Egridir - ISPA, 0.69 224, P, P, Pg, 23 55 01.2, +7.0, LADK, Ladik-KONYA, 0.81 110, eP, P, Pg, 23 54 52.4, -0.4, LADK, Ladik-KONYA, 0.81 110, eS, Sg, 23 55 05.9, +0.1, LADK, Ladik-KONYA, 0.81 110, eP, P, Pg, 23 54 52.4, -0.4, LADK, Ladik-KONYA, 0.81 110, eS, Sg, 23 55 05.9, +0.1, KONT, Konya-Tatoy, 0.93 125, eP, P, Pg, 23 54 57.0, 0.0, KONT, Konya-Tatoy, 0.93 125, eP, P, Pg, 23 54 57.0, 0.0, AUSIV, Sivrihisar, 0.96 7, i, P, Sg, 23 55 07.3, -0.6, AUSIV, Sivrihisar, 0.96 7, P, P, Pg, 23 55 07.3, -0.6, ISP, Isparta, 0.96 226, eP, P, Pg, 23 54 54.9, -0.6, ISP, Isparta, 0.96 226, eP, P, Pg, 23 54 54.9, -0.6, SVRH, Sivrihisar-ESK, 0.96 6, eP, P, Pg, 23 54 56.0, +0.4, SVRH, Sivrihisar-ESK, 0.96 6, eS, Sg, 23 55 09.7, -0.4, SVRH, Sivrihisar-ESK, 0.96 6, eP, P, Pg, 23 54 56.0, +0.4, AUUMH, Mihalicik, 1.38 3, i, P, S, S, 23 55 23.1, +0.2, AUUMH, Mihalicik, 1.38 3, P, P, S, 23 55 04.0, +0.1, AUUMH, Mihalicik, 1.38 3, P, P, S, 23 55 23.1, +0.2, AUUMH, Mihalicik, 1.38 3, P, P, S, 23 55 04.0, +0.1, BORA, Eskisehir, 1.57 332, S, S, S, 23 55 08.4, +0.2, BORA, Eskisehir, 1.57 332, P, P, S, 23 55 23.3, +0.7, BORA, Eskisehir, 1.57 332, P, P, S, 23 55 06.2, -0.2, AFRS, Afar-Bala (A), 1.62 53, eP, P, Pn, 23 55 08.0, 0.0, AFRS, Afar-Bala (A), 1.62 53, eP, P, Pn, 23 55 08.0, 0.0, SULT, Sultanhani-AKS, 1.69 99, eP, P, Pn, 23 55 08.4, +0.4, SULT, Sultanhani-AKS, 1.69 99, eP, P, Pn, 23 55 14.7, -0.3, YESY, Yesilyurt, 1.98 110, eP, P, Pn, 23 55 12.3, +0.3, YESY, Yesilyurt, 1.98 110, eP, P, Pn, 23 55 12.3, +0.3, MDUB, Mudurnu, 1.98 356, eP, P, Pn, 23 55 12.5, +0.4, MDUB, Mudurnu, 1.98 356, eP, P, Pn, 23 55 12.5, +0.4, GULA, Gulagac, 2.23 93, eP, P, Pn, 23 55 16.3, +0.9, GULA, Gulagac, 2.23 93, eP, P, Pn, 23 55 16.3, +0.9

WEL 21 23:54:45.5, 0.3, 43.59S, 172.68E, h7km, 1km, ML4.2/2, Error ellipse: s-maj=1.9km s-min=0.8km az=90.0, South Island

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, h m s, ISC, MOZ, McQueen's Vall, 0.12 191, Op, P, ISC, P, Pg, 23 54 50.1, +0.4, MOZ, McQueen's Vall, 0.12 191, SG, Sg, 23 54 50.2, +0.5, MOZ, McQueen's Vall, 0.12 191, SG, Sg, 23 54 50.2, +0.5, MOZ, McQueen's Vall, 0.12 191, SG, Sg, 23 54 50.2, +0.5, OXZ, Oxford, 0.54 299, SG, Sg, 23 55 03.4, +0.5, LTZ, Lake Taylor, 0.86 339, S, S, Pg, 23 55 14.4, -0.3, LTZ, Lake Taylor, 0.86 339, AM, AM, 23 55 14.7, -0.3, LTZ, Lake Taylor, 0.86 339, AM, AM, 23 55 15.2, -0.3

WEL 21 23:55:53.2, 0.6, 43.57S, 172.78E, h5km, ML4.3/3, Error ellipse: s-maj=6.2km s-min=1.2km az=90.0, South Island

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, h m s, ISC, MOZ, McQueen's Vall, 0.16 213, Op, P, ISC, P, Pg, 23 55 56.6, +0.1, MOZ, McQueen's Vall, 0.16 213, PG, P, Pg, 23 55 58.8, +0.2, MOZ, McQueen's Vall, 0.16 213, SG, Sg, 23 55 58.9, +0.2, MOZ, McQueen's Vall, 0.16 213, SG, Sg, 23 55 58.9, +0.2, OXZ, Oxford, 0.59 294, P, P, Pg, 23 56 05.5, -0.9, OXZ, Oxford, 0.59 294, S, S, Pg, 23 56 13.4, -1.2, LTZ, Lake Taylor, 0.87 335, P, P, Pg, 23 56 10.3, +0.4, LTZ, Lake Taylor, 0.87 335, AM, AM, 23 56 21.8, -0.4

WEL 21 23:56:04.0, 0.1, 43.56S, 172.67E, h5km, ML4.5/7, Error ellipse: s-maj=2.0km s-min=0.5km az=90.0, South Island

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, h m s, ISC, MOZ, McQueen's Vall, 0.15 183, Op, P, ISC, P, Pg, 23 56 07.4, 0.0, MOZ, McQueen's Vall, 0.15 183, SG, Sg, 23 56 09.8, +0.4, MOZ, McQueen's Vall, 0.15 183, SG, Sg, 23 56 09.8, +0.5, MOZ, McQueen's Vall, 0.15 183, AM, AM, 23 56 12.0, +0.2, OXZ, Oxford, 0.51 297, SG, Sg, 23 56 22.1, -1.5, OXZ, Oxford, 0.51 297, SG, Sg, 23 56 22.3, -5.3, OXZ, Oxford, 0.51 297, P, P, Pg, 23 56 20.4, +0.1, LTZ, Lake Taylor, 0.83 339, S, S, Pg, 23 56 11.7, +0.7, LTZ, Lake Taylor, 0.83 339, S, S, Pg, 23 56 31.8, -1.0, LTZ, Lake Taylor, 0.83 339, P, P, Pg, 23 56 20.5, -0.8, RPZ, Rata Peaks, 1.18 262, eP, P, Pn, 23 56 25.6, -1.4, RPZ, Rata Peaks, 1.18 262, eP, P, Pn, 23 56 41.5, -0.8, RPZ, Rata Peaks, 1.18 262, eP, P, Pn, 23 56 44.9, -0.3, THZ, Topouse, 1.80 6, AM, AM, 23 57 00.6, -1.8, DSZ, Denniston Nort, 1.92 340, SN, SN, 23 57 03.8, -1.8, DSZ, Denniston Nort, 1.92 340, AM, AM, 23 57 03.8, -1.8, LBZ, Lake Benmore, 1.97 244, AM, AM, 23 57 12.6, -0.6, ODZ, Otahua Downs, 2.08 224, AM, AM, 23 57 11.0, -0.1, ODZ, Otahua Downs, 2.08 224, AM, AM, 23 57 13.9, -0.1

WEL 21 23:56:45.7, 0.1, 43.55S, 172.67E, h5km, ML4.1/2, 1C, Error ellipse: s-maj=2.2km s-min=0.6km az=90.0, South Island

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, h m s, ISC, MOZ, McQueen's Vall, 0.16 185, Op, P, ISC, P, Pg, 23 56 18.9, +0.1, MOZ, McQueen's Vall, 0.16 185, SG, Sg, 23 56 51.3, +0.3, MOZ, McQueen's Vall, 0.16 185, SG, Sg, 23 56 51.4, -0.1, MOZ, McQueen's Vall, 0.16 185, SG, Sg, 23 56 51.5, -0.1, MOZ, McQueen's Vall, 0.16 185, SG, Sg, 23 56 51.6, -0.1, OXZ, Oxford, 0.51 296, PG, P, Pg, 23 56 56.1, +0.5

Table with columns: LTZ, Lake Taylor, 0.82 339, AML, AML, 23 57 00.8, 23 57 01.7, +0.2, LTZ, Lake Taylor, 0.82 339, P, P, Pg, 23 57 02.0, 23 57 08.3, -0.2, RPZ, Rata Peaks, 1.19 261, eP, P, Pg, 23 57 09.1, 0.0, INZ, Inchbonnie, 1.22 312, eP, P, Pn, 23 57 09.1, 0.0, ISCJB 21 23:56:51.8, 0.8, 43°66'S, 172°77'E, 0.05, h12km, 3km, mb4.6/7, Error ellipse: s-maj=6.9km s-min=4.5km az=37.7, IDC 21 23:56:53.0, 1.3, 43°46'S, 172°71'E, h0km, mb4.4/3, mb1.4, 8/4, mb1mx4.2/4.1, mbtmp4.5/4, ML3.9/1, Error ellipse: s-maj=48.9km s-min=15.2km az=163.0, WEL 21 23:56:54.6, 0.1, 43°59'S, 172°67'E, h5km, ML4.9/3, Error ellipse: s-maj=1.1km s-min=0.5km az=90.0, WEL Felt in the Canterbury region, maximum reported intensity MM 5, NEIC 21 23:56:54.7, 43°59'S, 172°66'E, h5km, mb4.8/4, ML4.9(WEL) After WEL, NEIC Felt in Canterbury, ISC 21 23:56:52.8, 1.0, 43°62'S, 172°83'E, 0.04, h11km, 5km, n63, r140/63, mb4.3/7, 2D, South Island, Code, Station Name, Δ° AZ', Phase ID, Time, Res, h m s, ISC, MOZ, McQueen's Vall, 0.16 235, Op, P, ISC, P, Pg, 23 56 57.1, +0.7, MOZ, McQueen's Vall, 0.16 235, eS, Sg, 23 56 59.3, +0.7, MOZ, McQueen's Vall, 0.16 235, i, P, Sg, 23 56 59.2, +0.2, MOZ, McQueen's Vall, 0.16 235, SG, Sg, 23 56 59.2, +0.2, MOZ, McQueen's Vall, 0.16 235, SG, Sg, 23 56 59.2, +0.2, OXZ, Oxford, 0.65 296, eP, P, Pg, 23 57 04.8, -0.6, OXZ, Oxford, 0.65 296, P, P, Pg, 23 57 12.0, -1.9, OXZ, Oxford, 0.65 296, PG, P, Pg, 23 57 04.3, -1.1, LTZ, Lake Taylor, 0.93 334, eP, P, Pg, 23 57 11.3, -0.6, LTZ, Lake Taylor, 0.93 334, eS, Sg, 23 57 21.1, +0.8, LTZ, Lake Taylor, 0.93 334, eS, Sg, 23 57 25.0, -0.1, LTZ, Lake Taylor, 0.93 334, S, S, Pg, 23 57 23.3, +0.1, RPZ, Rata Peaks, 1.29 265, P, P, Pg, 23 57 25.0, -0.2, RPZ, Rata Peaks, 1.29 265, P, P, Pg, 23 57 16.7, -0.2, RPZ, Rata Peaks, 1.29 265, LG, Lg, 23 57 32.7, 745nm, 0.3s, baz=62, slow=17, SNR=5.6, RPZ, Rata Peaks, 1.29 265, eP, P, Pg, 23 57 17.1, +0.3, RPZ, Rata Peaks, 1.29 265, eS, Sg, 23 57 32.6, -1.9, RPZ, Rata Peaks, 1.29 265, eS, Sg, 23 57 35.7, +1.6, RPZ, Rata Peaks, 1.29 265, P, P, Pg, 23 57 32.7, -1.9, RPZ, Rata Peaks, 1.29 265, AM, AM, 23 57 35.8, -0.1, INZ, Inchbonnie, 1.35 311, P, P, Pn, 23 57 18.1, 0.0, INZ, Waitaha Valley, 1.62 289, eP, Pn, 23 57 21.1, -0.2, WVZ, Waitaha Valley, 1.62 289, AM, AM, 23 57 45.3, -0.1, WVZ, Waitaha Valley, 1.62 289, AM, AM, 23 57 45.3, -0.1, THZ, Topouse, 1.85 2, eP, Pn, P, 23 57 26.1, -0.6, THZ, Topouse, 1.85 2, eP, Pn, P, 23 57 26.1, -0.6, THZ, Topouse, 1.85 2, AM, AM, 23 57 50.9, -0.1, THZ, Topouse, 1.85 2, AM, AM, 23 57 51.5, -0.1, DSZ, Denniston Nort, 2.02 338, eS, Sg, 23 57 52.5, +0.5, DSZ, Denniston Nort, 2.02 338, eS, Sg, 23 57 56.5, -0.6, DSZ, Denniston Nort, 2.02 338, eP, Pn, 23 57 26.8, 0.0, DSZ, Denniston Nort, 2.02 338, AM, AM, 23 57 55.1, -0.1, DSZ, Denniston Nort, 2.02 338, AM, AM, 23 57 55.9, -0.1, DSZ, Denniston Nort, 2.02 338, AM, AM, 23 57 56.5, -0.1, LBZ, Lake Benmore, 2.06 247, eP, Pn, P, 23 57 29.1, -1.2, LBZ, Lake Benmore, 2.06 247, eP, Pn, P, 23 57 51.8, -1.3, LBZ, Lake Benmore, 2.06 247, eP, Pn, P, 23 57 29.8, -0.5, LBZ, Lake Benmore, 2.06 247, AM, AM, 23 57 58.3, -0.1, LBZ, Lake Benmore, 2.06 247, AM, AM, 23 57 59.4, -0.1, CMWZ, Cape Campbell, 2.12 29, AM, AM, 23 58 18.3, -0.1, CMWZ, Cape Campbell, 2.12 29, AM, AM, 23 58 20.9, -0.4, ODZ, Otahua Downs, 2.12 227, eP, Pn, P, 23 58 02.0, +0.9, ODZ, Otahua Downs, 2.12 227, eP, Pn, P, 23 58 03.5, -0.1, ODZ, Otahua Downs, 2.12 227, eP, Pn, P, 23 57 32.0, -1.5, ODZ, Otahua Downs, 2.12 227, AM, AM, 23 58 02.0, -0.1, ODZ, Otahua Downs, 2.12 227, AM, AM, 23 58 02.0, -0.1, FOZ, Fox Glacier, 2.19 271, eP, Pn, P, 23 57 56.9, +0.6, FOZ, Fox Glacier, 2.19 271, eP, Pn, P, 23 57 58.0, -0.1, FOZ, Fox Glacier, 2.19 271, AM, AM, 23 58 09.3, -0.3, TUWZ, Tuamarina, 2.33 21, AM, AM, 23 58 25.0, -0.1, NNZ, Nelson, 2.43 10, AM, AM, 23 58 04.5, -0.1, NNZ, Nelson, 2.43 10, AM, AM, 23 58 04.5, -0.1, NNZ, Nelson, 2.43 10, AM, AM, 23 58 04.5, -0.1, NNZ, Nelson, 2.43 10, AM, AM, 23 58 04.5, -0.1, TCW, Tory Channel, 2.63 24, AM, AM, 23 58 12.4, -0.1, TCW, Tory Channel, 2.63 24, AM, AM, 23 58 12.4, -0.1, SNZO, South Karori, 2.69 32, eP, Pn, P, 23 57 35.9, 0.0, SNZO, South Karori, 2.69 32, eP, Pn, P, 23 58 05.4, -3.0, QRZ, Quartz Range, 2.80 355, AM, AM, 23 57 47.6, -0.1, QRZ, Quartz Range, 2.80 355, AM, AM, 23 58 27.4, -0.1, MSWZ, Moikau Station, 2.83 40, AM, AM, 23 58 12.2, -0.1, MSWZ, Moikau Station, 2.83 40, AM, AM, 23 58 12.2, -0.1, PAWZ, Parawai Farm, 2.94 42, AM, AM, 23 58 18.0, -0.1, JCY, Jackson Bay, 2.96 260, eP, Pn, P, 23 57 50.0, +0.3, JCY, Jackson Bay, 2.96 260, AM, AM, 23 58 26.4, -0.1, JCY, Jackson Bay, 2.96 260, AM, AM, 23 58 30.1, -0.1, EAZ, Earnsclough, 3.00 236, eP, Pn, P, 23 57 35.9, -4.3, EAZ, Earnsclough, 3.00 236, AM, AM, 23 58 29.0, -0.1, EAZ, Earnsclough, 3.00 236, AM, AM, 23 58 29.8, -0.1, WKZ, Wanaka, 3.00 245, eP, Pn, P, 23 57 44.5, -1.7, WKZ, Wanaka, 3.00 245, eP, Pn, P, 23 58 15.8, -0.4, WKZ, Wanaka, 3.00 245, eP, Pn, P, 23 57 48.4, -1.9, WKZ, Wanaka, 3.00 245, AM, AM, 23 58 23.7, -0.1, CAW, Cannon Point, 3.00 34, AM, AM, 23 58 29.9, -0.1, CAW, Cannon Point, 3.00 34, AM, AM, 23 58 29.9, -0.1, CAW, Cannon Point, 3.00 34, AM, AM, 23 58 29.9, -0.1, TRW, Traveller, 3.06 45, AM, AM, 23 58 21.0, -0.1, MTW, Mount Morrison, 3.15 40, AM, AM, 23 58 23.4, -0.1, MTW, Mount Morrison, 3.15 40, AM, AM, 23 58 23.4, -0.1, TUZ, Tuapeka, 3.27 223, AM, AM, 23 58 42.0, -0.1, TUZ, Tuapeka, 3.27 223, AM, AM, 23 58 42.9, -0.1, MRZ, Mangatainoka R, 3.59 36, AM, AM, 23 58 32.2, -0.1, MRZ, Mangatainoka R, 3.59 36, AM, AM, 23 58 34.7, -0.1, TIWZ, Tintock, 3.63 40, AM, AM, 23 58 34.1, -0.1, TIWZ, Tintock, 3.63 40, AM, AM, 23 58 34.1, -0.1, MSZ, Milford Sound, 3.69 252, AM, AM, 23 58 52.5, -0.1, MSZ, Milford Sound, 3.69 252, AM, AM, 23 58 52.5, -0.1, MLZ, Mavora Lakes, 3.80 241, AM, AM, 23 58 58.2, -0.1, MLZ, Mavora Lakes, 3.80 241, AM, AM, 23 58 58.2, -0.1, BFZ, Birch Farm, 3.88 42, AM, AM, 23 58 58.2, -0.1, BFZ, Birch Farm, 3.88 42, eP, Pn, P, 23 58 54.1, -3.7, BFZ, Birch Farm, 3.88 42, AM, AM, 23 58 38.5, -0.1, BFZ, Birch Farm, 3.88 42, AM, AM, 23 58 42.2, -0.1, SHVZ, Scrubby Hill, 3.92 221, AM, AM, 23 59 03.8, -0.1, SHVZ, Scrubby Hill, 3.92 221, AM, AM, 23 59 03.8, -0.1, WZH, Wether Hill Ro, 4.16 235, eP, Pn, P, 23 58 54.4, -0.8, WZH, Wether Hill Ro, 4.16 235, eS, Sg, 23 58 51.9, -4.3, WZH, Wether Hill Ro, 4.16 235, eP, Pn, P, 23 58 51.9, -4.3, WZH, Wether Hill Ro, 4.16 235, AM, AM, 23 59 07.4, -0.1, DCPZ, Deep Cove, 4.46 244, eP, Pn, P, 23 59 08.6, -0.1, DCZ, Deep Cove, 4.46 244, eP, Pn, P, 23 58 51.0, -1.1, URZ, Urewera, 6.25 33, Pn, Pn, 23 58 25.0, 0.0, URZ, Urewera, 6.25 33, SN, SN, 23 59 33.8, -2.6, 3.1nm, 0.3s, baz=251, slow=3.0, SNR=4.6, AS31, Alice Springs, 37.59 289, eP, P, 00 04 08.0, +0.5, ASAR, Alice Springs, 37.59 289, P, P, 00 04 26.5, +0.3, WAB, Warramunga Arr, 39.84 294, eP, P, 00 04 26.9, +0.6, WR1, Warramunga Arr, 39.84 294, eP, P, 00 04 26.9, +0.6, WRA, Warramunga Arr, 39.84 294, P, P, 00 04 26.9, +0.6, WRB, Tennant Creek, 39.84 294, eP, P, 00 04 26.8, +0.5, WYB, Snowy Base, 62.49 1971, eP, P, 00 07 14.8, -0.8, CM31, Chiang Mai Arr, 91.43 294, eP, P, 00 10 12.2, +2.1, CMAR, Chiang Mai Arr, 91.43 294, P, P, 00 10 12.2, +2.1, 0.5nm, 0.4s, baz=134, slow=2.6, SNR=2.3

MTW	Mount Morrison	3.11	40	PN	Pn	00 05 06.9	-0.9
MTW				AML	AML	00 05 51.0	
MTW				AML	AML	00 06 42.0	
OGWZ	Otaki Gorge	3.25	33	Pn	Pn	00 05 09.2	-0.5
OGWZ	Otaki Gorge	3.25	33	Pn	Pn	00 05 09.0	-0.7
TUZ	Tuapeka	3.30	223	AML	AML	00 06 08.4	
TUZ				AML	AML	00 06 11.7	
HOWZ	Holdswoth Sta	3.33	37	ePn	Pn	00 05 09.8	-1.0
HOWZ	Holdswoth Sta	3.33	37	ePn	Pn	00 05 09.8	-1.0
TMWZ	Te Maipa	3.34	44	ePn	Pn	00 05 10.2	-0.7
TMWZ	Te Maipa	3.34	44	ePn	Pn	00 05 09.8	-1.1
MRZ	Mangatoinaka R	3.35	40	Pn	Pn	00 05 13.7	-0.7
TIWZ	Tintock	3.59	40	Pn	Pn	00 05 13.7	-0.7
TIWZ	Tintock	3.59	40	ePn	Pn	00 05 13.6	-0.8
TIWZ				AML	AML	00 05 59.8	
CPWZ	Castlepoint	3.64	44	Pn	Pn	00 05 15.3	+0.2
CPWZ	Castlepoint	3.64	44	Pn	Pn	00 05 14.9	+0.2
MSZ	Milford Sound	3.71	251	AML	AML	00 06 19.9	
MSZ				AML	AML	00 06 19.9	
MSZ				AML	AML	00 06 24.1	
MSZ				AML	AML	00 06 24.2	
PRWZ	Pori Road	3.81	39	Pn	Pn	00 05 16.7	-0.7
PRWZ	Pori Road	3.81	39	ePn	Pn	00 05 16.5	-0.9
MLZ	Mavora Lakes	3.83	240	ePn	Pn	00 05 14.8	-2.3
MLZ	Mavora Lakes	3.83	240	Pn	Pn	00 05 14.8	-2.9
MLZ				AML	AML	00 06 25.8	
MLZ				AML	AML	00 06 27.4	
BFZ	Birch Farm	3.84	42	ePn	Sn	00 05 15.9	-0.9
BFZ	Birch Farm	3.84	42	ePn	Sn	00 05 15.9	-0.9
BFZ	Birch Farm	3.84	42	AML	AML	00 06 12.1	
BFZ	Birch Farm	3.84	42	AML	AML	00 06 55.9	
POWZ	Post Office R	3.85	35	Pn	Pn	00 05 17.7	-0.3
POWZ	Post Office R	3.85	35	ePn	Pn	00 05 17.7	-0.4
SYZ	Scrubby Hill	3.96	220	AML	AML	00 06 30.8	
SYZ				AML	AML	00 06 33.5	
DVHZ	Dannevirke	4.10	38	Pn	Pn	00 05 19.9	-1.6
DVHZ	Dannevirke	4.10	38	ePn	Pn	00 05 19.7	-1.7
ANWZ	Angora Road	4.12	42	ePn	Pn	00 05 20.7	-0.8
WAZ	Wanganui	4.12	24	ePn	Pn	00 05 21.2	-0.7
WAZ	Wanganui	4.12	24	ePn	Pn	00 05 21.2	-0.7
WAZ				AML	AML	00 06 52.7	
WAZ				AML	AML	00 07 13.7	
WHZ	Wether Hill R	4.19	235	ePn	Pn	00 05 19.5	-3.1
WHZ	Wether Hill R	4.19	235	Pn	Pn	00 05 19.5	-3.1
WHZ				AML	AML	00 06 36.6	
TSZ	Takapari Road	4.21	35	Pn	Pn	00 05 21.7	-1.3
TSZ	Takapari Road	4.21	35	AML	AML	00 07 02.6	
MBEZ	Namu Road	4.23	11	Pn	Pn	00 05 24.5	+1.4
PREZ	Palmer Road	4.34	14	Pn	Pn	00 05 26.5	+1.8
PREZ	Palmer Road	4.34	14	ePn	Pn	00 05 26.0	+1.3
PRHZ	Porangahau	4.35	42	Pn	Pn	00 05 24.4	-0.4
PRHZ	Porangahau	4.35	42	ePn	Pn	00 05 23.3	-1.2
NWZ	Newall Road	4.36	10	Pn	Pn	00 05 26.5	+1.5
KHEZ	Kahui Hut	4.36	12	Pn	Pn	00 05 26.0	+1.4
KHEZ	Kahui Hut	4.36	12	ePn	Pn	00 05 26.0	+1.0
NEZ	North Egmont	4.40	13	Pn	Pn	00 05 27.0	+1.4
NEZ	North Egmont	4.40	13	Pn	Pn	00 05 26.4	+0.8
WPHZ	Waipukurau	4.42	39	Pn	Pn	00 05 25.4	-0.3
WPHZ	Waipukurau	4.42	39	ePn	Pn	00 05 24.9	-0.8
PKZ	Pukeiti	4.43	36	Pn	Pn	00 05 24.3	+1.5
PNHZ	Pukeni	4.43	36	ePn	Pn	00 05 24.0	-2.0
PKE	Pukeiti	4.46	11	ePn	Pn	00 05 27.3	+1.0
PKE	Pukeiti	4.46	11	ePn	Pn	00 05 27.2	+0.9
PKE				AML	AML	00 07 03.1	
PKE				AML	AML	00 07 07.4	
DCZ	Deep Cove	4.49	243	eSg	Lg	00 06 40.1	-1.7
DCZ	Deep Cove	4.49	243	eSg	Lg	00 06 54.3	
DCZ	Deep Cove	4.49	243	Pn	Pn	00 05 23.8	-2.9
DCZ				AML	AML	00 06 40.1	
DCZ				AML	AML	00 06 40.1	
DCZ				AML	AML	00 06 44.4	
DCZ				AML	AML	00 06 54.3	
DREZ	Durham Road	4.50	14	Pn	Pn	00 05 28.2	+1.4
DREZ	Durham Road	4.50	14	ePn	Pn	00 05 27.9	+1.1
MTVZ	Mangateitei	4.62	26	ePn	Pn	00 05 29.7	+1.0
MTVZ	Mangateitei	4.62	26	ePn	Pn	00 05 29.5	+0.8
MTVZ				AML	AML	00 07 14.4	
MHEZ	Mangahewa	4.63	14	Pn	Pn	00 05 30.4	+1.8
MHEZ	Mangahewa	4.63	14	ePn	Pn	00 05 30.1	+1.5
PXZ	Pawanui	4.64	42	ePn	Pn	00 05 27.5	-1.3
PXZ				AML	AML	00 07 32.1	
PXZ				AML	AML	00 07 34.6	
PXZ				AML	AML	00 07 34.7	
VRZ	Vera Road	4.67	19	Pn	Pn	00 05 30.6	+1.4
VRZ	Vera Road	4.67	19	Pn	Pn	00 05 29.8	+0.6
VRZ				AML	AML	00 07 08.4	
VRZ				AML	AML	00 07 09.4	
PKVZ	Pokaka	4.67	25	Pn	Pn	00 05 30.2	+0.9
PKVZ	Pokaka	4.67	25	ePn	Pn	00 05 30.2	+0.9
PKVZ				AML	AML	00 07 15.7	
PKVZ				AML	AML	00 07 18.9	
MOVZ	Moawhango	4.70	29	Pn	Pn	00 05 29.9	0.0
MOVZ				AML	AML	00 07 17.7	
WNVZ	Wahianoa	4.72	27	Pn	Pn	00 05 30.0	-0.1
TRVZ	Turoa	4.73	26	AML	AML	00 07 21.4	
TRVZ				AML	AML	00 07 21.4	
KRHZ	Kereru	4.73	35	ePn	Pn	00 05 28.1	-2.0
APZ	The Paps	4.73	225	Pn	Pn	00 05 27.4	-2.7
APZ				AML	AML	00 06 55.4	
APZ				AML	AML	00 07 01.8	
BHZ	Black Hill Sta	4.74	32	Pn	Pn	00 05 30.1	-0.2
BHZ	Black Hill Sta	4.74	32	ePn	Pn	00 05 30.1	-0.2
WHVZ	Whangaehu Hut	4.75	27	Pn	Pn	00 05 30.7	+0.1
WHVZ	Whangaehu Hut	4.75	27	ePn	Pn	00 05 30.3	-0.3
FWVZ	Far West T-bar	4.77	26	ePn	Pn	00 05 30.9	+0.1
FWVZ	Far West T-bar	4.77	26	ePn	Pn	00 05 30.4	-0.4
FWVZ				AML	AML	00 07 18.3	
FWVZ				AML	AML	00 07 18.3	
TUVZ	Tukino	4.79	27	ePn	Pn	00 05 31.2	+0.2
TUVZ	Tukino	4.79	27	ePn	Pn	00 05 30.6	-0.4
TUVZ				AML	AML	00 07 26.8	
TUVZ				AML	AML	00 07 26.9	
KHZ	Kahuranaki	4.83	40	Pn	Pn	00 05 31.0	-0.4
KAHZ	Kahuranaki	4.83	40	ePn	Pn	00 05 30.0	-1.5
NGZ	Ngaruhohe	4.86	26	ePn	Pn	00 05 31.5	-0.4
NGZ				AML	AML	00 07 30.0	
NGZ				AML	AML	00 07 46.4	
OTVZ	Oturere	4.89	27	ePn	Pn	00 05 32.6	+0.2
OTVZ	Oturere	4.89	27	ePn	Pn	00 05 32.0	-0.4
OTVZ				AML	AML	00 07 14.2	
OTVZ				AML	AML	00 07 32.2	
TVWZ	Taurewa	4.90	24	ePn	Pn	00 05 32.3	-0.2
TVWZ	Taurewa	4.90	24	ePn	Pn	00 05 32.3	-0.2
TVWZ				AML	AML	00 07 38.3	
TVWZ				AML	AML	00 07 38.3	
WTVZ	West Tongariro	4.91	26	ePn	Pn	00 05 32.5	-0.1
WTVZ	West Tongariro	4.91	26	ePn	Pn	00 05 32.2	-0.4
WTVZ				AML	AML	00 07 01.9	
WTVZ				AML	AML	00 07 19.5	
KRVZ	Karewarewa	4.94	26	ePn	Pn	00 05 33.3	+0.2
KRVZ	Karewarewa	4.94	26	ePn	Pn	00 05 33.3	+0.2
KRVZ				AML	AML	00 07 05.3	
KRVZ				AML	AML	00 07 30.4	
CKHZ	Cape Kidnapper	5.03	40	Pn	Pn	00 05 34.4	+0.2
CKHZ	Cape Kidnapper	5.03	40	ePn	Pn	00 05 34.2	+0.2
MCNZ	McNeill Hill	5.04	36	Pn	Pn	00 05 33.1	-1.1
MCNZ	McNeill Hill	5.04	36	ePn	Pn	00 05 33.1	-1.1
KATZ	Kakarama	5.07	26	ePn	Pn	00 05 35.2	+0.4
KATZ	Kakarama	5.07	26	ePn	Pn	00 05 35.1	+0.3
KATZ				AML	AML	00 07 08.1	
KATZ				AML	AML	00 07 53.7	
PYZ	Puysegur Point	5.09	237	ePn	Pn	00 05 31.9	-3.1
PYZ	Puysegur Point	5.09	237	ePn	Pn	00 05 31.9	-3.1
RITZ	Rihia Road	5.12	27	Pn	Pn	00 05 36.2	+0.8
RITZ	Rihia Road	5.12	27	ePn	Pn	00 05 35.8	+0.4
RITZ				AML	AML	00 07 35.6	
RITZ				AML	AML	00 07 40.6	
BKZ	Black Stump Fm	5.19	33	ePn	Pn	00 05 36.1	-0.2
BKZ	Black Stump Fm	5.19	33	ePn	Pn	00 05 34.2	-2.2
BKZ				AML	AML	00 07 35.6	
BKZ				AML	AML	00 07 46.3	
RAIZ	Rangitukua	5.19	26	Pn	Pn	00 05 37.1	+0.7
RAIZ	Rangitukua	5.19	26	ePn	Pn	00 05 35.3	-1.1

RAIZ				AML	AML	00 07 41.9	
RAIZ				AML	AML	00 07 53.9	
HIZ	Hauti	5.28	17	ePn	Pn	00 05 38.0	+0.4
HIZ	Hauti	5.28	17	Pn	Pn	00 05 37.3	-0.2
HIZ				AML	AML	00 07 15.4	
HIZ				AML	AML	00 07 39.1	
ARHZ	Aropoanui	5.32	37	Pn	Pn	00 05 38.2	+0.1
ARHZ	Aropoanui	5.32	37	ePn	Pn	00 05 37.9	-0.2
WATZ	Wairara	5.33	25	ePn	Pn	00 05 38.4	+0.1
WATZ	Wairara	5.33	25	ePn	Pn	00 05 38.2	-0.1
WATZ				AML	AML	00 07 34.2	
WATZ				AML	AML	00 07 34.2	
NMHZ	Naumai	5.37	35	Pn	Pn	00 05 38.2	-0.7
NMHZ	Naumai	5.37	35	ePn	Pn	00 05 37.3	-1.6
TLZ	Tolley Road	5.62	22	Pn	Pn	00 05 42.2	-0.1
WRPZ	Whakapatarin	5.63	28	Pn	Pn	00 05 41.8	-0.7
WRPZ	Whakapatarin	5.63	28	ePn	Pn	00 05 41.7	-0.8
RAHZ	Arahi	5.64	36	ePn	Pn	00 05 41.9	-1.4
RAHZ	Arahi	5.64	36	ePn	Pn	00 05 41.0	-1.6
ALRZ	Allen Road	5.66	29	Pn	Pn	00 05 41.8	-1.1
ALRZ	Allen Road	5.66	29	ePn	Pn	00 05 41.1	-1.7
PRRZ	Plateau Road	5.73	29	Pn	Pn	00 05 42.9	-0.9
PRRZ	Plateau Road	5.73	29	ePn	Pn	00 05 42.8	-1.0
MHGZ	Mahia Peninsula	5.83	42	ePn	Pn	00 05 42.0	-3.2
SHZ	Shannon Statio	5.86	37	Pn	Pn	00 05 45.2	-0.5
SHZ	Shannon Statio	5.86	37	ePn	Pn	00 05 43.8	-1.9
RNRZ	Republican Roa	5.92	29	Pn	Pn	00 05 45.2	-1.2
RNRZ	Republican Roa	5.92	29	ePn	Pn	00 05 43.2	-3.2
PRRZ	Paritua Road	6.00	41	Pn	Pn	00 05 47.1	-1.4
PRRZ	Paritua Road	6.00	41	ePn	Pn	00 05 45.5	-2.0
TARZ</							

WEL 22 00:05:36.9-0.1, 43.59S-172.66E, h5km, ML4.6/1, Error ellipse: s-maj=0.9km s-min=0.5km az=90.0, Mag. doubtful, South Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like McQueen's Vall, Oxford.

WEL 22 00:06:14.5-0.2, 43.53S-172.76E, h6km, 1km, ML3.9/1, Error ellipse: s-maj=1.5km s-min=0.5km az=90.0, Mag. doubtful, South Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like McQueen's Vall, Oxford.

WEL 22 00:06:56.8-0.3, 43.56S-172.79E, h7km, 2km, ML4.4/3, Error ellipse: s-maj=2.5km s-min=0.9km az=90.0, South Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like McQueen's Vall, Oxford, Incheonbonnie, Dennistort.

WEL 22 00:07:47.7-0.2, 43.53S-172.78E, h5km, ML4.3/3, 1C, Error ellipse: s-maj=1.4km s-min=0.5km az=90.0, South Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like McQueen's Vall, Oxford, Incheonbonnie, Dennistort.

WEL 22 00:08:15.3-0.1, 43.50S-172.66E, h7km, 1km, ML4.7/3, Error ellipse: s-maj=1.0km s-min=0.5km az=90.0, Mag. high?, South Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like McQueen's Vall, Oxford, Incheonbonnie, Lake Benmore, Dennistort.

CSEM 22 00:08:56.2-0.2, 42.37N-13.37E, h10km, ML2.8/13, Error ellipse: s-maj=4.1km s-min=2.8km az=74.0

ROM 22 00:08:56.1-0.1, 42.36N-13.35E, h10km, Md2.4/19, M2.3/18, Error ellipse: s-maj=1.2km s-min=0.8km az=67.0, Central Italy

Large table listing various stations and their coordinates, including T0104, RM33, CAMP, FIAM, FAGN, RM29, SMA1, TERO, LNSS, NRCA, VVLD, INTR, MTCE.

Table listing stations like GUAR, CEXS, CESA, CESI, GIUL, GUMA, SNTG, SSFR, NVLJ, UDBI, UDBI with their respective coordinates and times.

WEL 22 00:10:46.3-0.1, 43.55S-172.71E, h6km, ML4.0/19, 2C, Error ellipse: s-maj=0.9km s-min=0.3km az=90.0, South Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like McQueen's Vall, Oxford, Lake Taylor, Rata Peaks, Waitaha Valley, Tophouse, Dennistort, Lake Benmore, Otahua Downs, Nelson, Tory Channel, Quartz Range, Jackson Bay, Wanaka, Earnsclough, Mount Morrison, Tuapeka, Mangatainoka R, Tintock, Scrubby Hill.

WEL 22 00:11:27.9-0.3, 43.55S-172.70E, h5km, ML3.7/6, 1D, Error ellipse: s-maj=3.0km s-min=1.1km az=90.0, South Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like McQueen's Vall, Oxford, Lake Taylor, Rata Peaks, Waitaha Valley, Tophouse, Dennistort, Lake Benmore, Otahua Downs, Nelson, Quartz Range, Jackson Bay, Wanaka, Earnsclough, Mount Morrison, Tuapeka, Mangatainoka R, Tintock, Scrubby Hill.

WEL 22 00:12:13.1-0.1, 43.58S-172.69E, h5km, ML3.6/4, 1C, Error ellipse: s-maj=1.2km s-min=0.6km az=90.0, South Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like McQueen's Vall, Oxford, Lake Taylor, Rata Peaks, Incheonbonnie, Waitaha Valley, Dennistort, Lake Benmore.

WEL 22 00:12:32.3-0.1, 43.55S-172.70E, h5km, ML3.7/9, Error ellipse: s-maj=1.9km s-min=0.8km az=90.0, South Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like McQueen's Vall, Oxford, Lake Taylor, Rata Peaks, Incheonbonnie, Waitaha Valley, Dennistort, Lake Benmore.

WEL 22 00:13:01.0-0.1, 43.58S-172.69E, h5km, ML3.6/4, 1C, Error ellipse: s-maj=1.2km s-min=0.6km az=90.0, South Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like McQueen's Vall, Oxford, Lake Taylor, Rata Peaks, Incheonbonnie, Waitaha Valley, Dennistort, Lake Benmore.

WEL 22 00:13:31.0-0.1, 43.55S-172.70E, h5km, ML3.7/9, Error ellipse: s-maj=1.9km s-min=0.8km az=90.0, South Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like McQueen's Vall, Oxford, Lake Taylor, Rata Peaks, Incheonbonnie, Waitaha Valley, Dennistort, Lake Benmore.

WEL 22 00:14:54.0-0.2, 43.59S-172.72E, h7km, ML3.8/2, 1C, Error ellipse: s-maj=1.3km s-min=0.4km az=90.0, South Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like McQueen's Vall, Oxford, Lake Taylor, Rata Peaks, Incheonbonnie, Waitaha Valley, Tophouse, Dennistort.

WEL 22 00:16:31.0-0.2, 43.56S-172.69E, h8km, 1km, ML3.5/7, Error ellipse: s-maj=2.6km s-min=0.9km az=90.0, South Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like McQueen's Vall, Oxford, Lake Taylor, Rata Peaks, Incheonbonnie, Waitaha Valley, Tophouse, Dennistort.

Table listing stations like THZ, DSZ, LBZ, FOZ, ODZ with their respective coordinates and times.

WEL 22 00:13:05.6-0.1, 43.59S-172.66E, h5km, ML3.7/11, 1C, Error ellipse: s-maj=1.8km s-min=0.8km az=90.0, South Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like McQueen's Vall, Oxford, Lake Taylor, Rata Peaks, Incheonbonnie, Waitaha Valley, Tophouse, Dennistort, Lake Benmore, Otahua Downs, Nelson, Tory Channel, Quartz Range, Jackson Bay, Wanaka, Earnsclough, Tuapeka.

WEL 22 00:14:37.3-0.1, 43.55S-172.70E, h8km, ML3.8/19, 2C, Error ellipse: s-maj=1.4km s-min=0.6km az=90.0, South Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Canterbury Las, McQueen's Vall, Oxford, Incheonbonnie, Waitaha Valley, Tophouse, Dennistort, Lake Benmore, Otahua Downs, Nelson, Quartz Range, Jackson Bay, Wanaka, Earnsclough, Tuapeka.

WEL 22 00:14:54.0-0.2, 43.59S-172.72E, h7km, ML3.8/2, 1C, Error ellipse: s-maj=1.3km s-min=0.4km az=90.0, South Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like McQueen's Vall, Oxford, Lake Taylor, Rata Peaks, Incheonbonnie, Waitaha Valley, Tophouse, Dennistort, Lake Benmore, Otahua Downs, Nelson, Quartz Range, Jackson Bay, Wanaka, Earnsclough, Tuapeka.

WEL 22 00:15:44.0-0.2, 43.59S-172.72E, h7km, ML3.8/2, 1C, Error ellipse: s-maj=1.3km s-min=0.4km az=90.0, South Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like McQueen's Vall, Oxford, Lake Taylor, Rata Peaks, Incheonbonnie, Waitaha Valley, Tophouse, Dennistort, Lake Benmore, Otahua Downs, Nelson, Quartz Range, Jackson Bay, Wanaka, Earnsclough, Tuapeka.

WEL 22 00:16:31.0-0.2, 43.56S-172.69E, h8km, 1km, ML3.5/7, Error ellipse: s-maj=2.6km s-min=0.9km az=90.0, South Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like McQueen's Vall, Oxford, Lake Taylor, Rata Peaks, Incheonbonnie, Waitaha Valley, Tophouse, Dennistort.

WEL 22 00:17:18.0-0.1, 43.56S-172.69E, h8km, 1km, ML3.5/7, Error ellipse: s-maj=2.6km s-min=0.9km az=90.0, South Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like McQueen's Vall, Oxford, Lake Taylor, Rata Peaks, Incheonbonnie, Waitaha Valley, Tophouse, Dennistort.

WEL 22 00:18:05.0-0.1, 43.56S-172.69E, h8km, 1km, ML3.5/7, Error ellipse: s-maj=2.6km s-min=0.9km az=90.0, South Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like McQueen's Vall, Oxford, Lake Taylor, Rata Peaks, Incheonbonnie, Waitaha Valley, Tophouse, Dennistort.

WEL 22 00:18:52.0-0.1, 43.56S-172.69E, h8km, 1km, ML3.5/7, Error ellipse: s-maj=2.6km s-min=0.9km az=90.0, South Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like McQueen's Vall, Oxford, Lake Taylor, Rata Peaks, Incheonbonnie, Waitaha Valley, Tophouse, Dennistort.

22d Oh

Table with 5 columns: LBZ, Lake Benmore, 1.99 245 SN Sg, 00 17 34.4 -0.6

WEL 22 00:17:14.2±0.1, 43°59'S×172°62'E, h5km, ML3.7/16, 1C, Error ellipse: s-maj=1.3km s-min=0.6km az=90.0, South Island

Main table for 22d Oh observations, columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res

WEL 22 00:18:47.0±0.1, 43°57'S×172°69'E, h8km, ML3.5/14, Error ellipse: s-maj=1.9km s-min=0.8km az=90.0, South Island

Main table for 22d Oh observations (continued), columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res

WEL 22 00:18:56.7±0.4, 43°53'S×172°66'E, h5km, ML3.5/9, Error ellipse: s-maj=5.2km s-min=1.7km az=90.0, South Island

Main table for 22d Oh observations (continued), columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res

IDC 22 00:21:24.0±1.6, 43°45'S×172°78'E, h0km, mb3.6/2, mb1 3.8/3, mb1mx3.7/30, mbtmp3.6/3, ML3.6/1, Error ellipse: s-maj=49.1km s-min=16.5km az=161.0, NEIC 22 00:21:23.8, 43°44'S×173°01'E, h5km, ML4.1(WEL), After WEL

ISC/B 22 00:21:24.0±0.7, 43°45'S×172°78'E, h0km, mb3.6/2, mb3.4/2, Error ellipse: s-maj=6.8km s-min=3.5km az=138.9

WEL 22 00:21:25.8±0.3, 43°55'S×172°79'E, h8km, 1km, ML4.1/29, Error ellipse: s-maj=2.6km s-min=0.8km az=90.0

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

ISC 22 00:21:26.0±1.1, 43°55'S×172°85'E, h0km, 5km, n7.1, ±121/73, 1C, South Island

Main table for 22d Oh observations (continued), columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res

2011 FEB

Table with 5 columns: RPZ, Incheonie, 1.32 308 P* AML, 00 22 08.2

WEL 22 00:23:01.4±0.1, 43°58'S×172°75'E, h7km, ML4.3/33, Error ellipse: s-maj=1.5km s-min=0.5km az=90.0, South Island

Main table for 2011 FEB observations, columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res

WEL 22 00:23:01.4±0.1, 43°58'S×172°75'E, h7km, ML4.3/33, Error ellipse: s-maj=1.5km s-min=0.5km az=90.0, South Island

Main table for 2011 FEB observations (continued), columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res

WEL 22 00:23:03.4±1.9, 44°38'S×171°33'E, h0km, mb3.9/2, mb1 4.2/2, mb1mx3.8/28, mbtmp3.9/2, Error ellipse: s-maj=52.5km s-min=14.3km az=87.4, NEIC 22 00:23:03.0±1.1, 43°52'S×172°30'E, h0km, 7km, 1C, South Island

WEL 22 00:23:05.0±0.1, 43°61'S×172°65'E, h6km, ML3.6/4, 2C, Error ellipse: s-maj=1.3km s-min=0.5km az=90.0, South Island

Main table for 2011 FEB observations (continued), columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res

n60, ±160/56, 1C-1D, South Island 1076

Table with 5 columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res

WEL 22 00:24:20.4±0.1, 43°58'S×172°67'E, h6km, ML3.7/11, 1C, Error ellipse: s-maj=1.2km s-min=0.6km az=90.0, South Island

Main table for n60 observations, columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res

WEL 22 00:24:20.4±0.1, 43°58'S×172°67'E, h6km, ML3.7/11, 1C, Error ellipse: s-maj=1.2km s-min=0.6km az=90.0, South Island

Main table for n60 observations (continued), columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res

22d 1h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Otahua Downs, Fox Glacier, Tuamarina, etc.

WEL 22 00:43:07.5±0.2, 43:56S×172:72E, h9km, ML3.5/14, 1C, Error ellipse: s-maj=2.2km s-min=0.9km az=90.0, South Island

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Canterbury Las, McQueen's Vall, Oxford, Lake Taylor, Rata Peaks, etc.

WEL 22 00:44:10.2±0.1, 43:58S×172:69E, h7km, ML3.1/4, 1D, Error ellipse: s-maj=1.0km s-min=0.6km az=90.0, South Island

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Canterbury Las, McQueen's Vall, Oxford, Lake Taylor, Rata Peaks, etc.

WEL 22 00:44:24.4±0.2, 43:56S×172:60E, h5km, ML2.8/4, 1C, Error ellipse: s-maj=3.5km s-min=0.8km az=90.0, South Island

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Canterbury Las, McQueen's Vall, Oxford, Lake Taylor, Rata Peaks, etc.

WEL 22 00:46:16.2±0.1, 43:59S×172:60E, h4km±1km, ML3.1/4, Error ellipse: s-maj=1.7km s-min=0.5km az=90.0, South Island

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Canterbury Las, McQueen's Vall, Oxford, Lake Taylor, Rata Peaks, etc.

WEL 22 00:46:30.9±0.3, 43:59S×172:72E, h5km, ML3.3/2, 1D, Error ellipse: s-maj=2.6km s-min=0.8km az=90.0, South Island

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Canterbury Las, McQueen's Vall, Oxford, Rata Peaks, etc.

NEIC 22 00:46:37.2, 43:66S-172:84E, h5km, ML4.4(WEL), After WEL

WEL 22 00:46:38.6±0.1, 43:60S×172:84E, h7km±1km, ML4.3/33, 2C-2D, Error ellipse: s-maj=1.2km s-min=0.7km az=90.0, South Island

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Canterbury Las, McQueen's Vall, Oxford, Lake Taylor, Rata Peaks, etc.

2011 FEB

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Waitaha Valley, Tophouse, Lake Benmore, etc.

WEL 22 00:47:51.1±0.1, 43:52S×172:73E, h8km, ML3.9/27, 1C-1D, Error ellipse: s-maj=1.2km s-min=0.5km az=90.0, South Island

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Canterbury Las, McQueen's Vall, Oxford, Lake Taylor, Rata Peaks, etc.

WEL 22 00:47:51.1±0.1, 43:52S×172:73E, h8km, ML3.9/27, 1C-1D, Error ellipse: s-maj=1.2km s-min=0.5km az=90.0, South Island

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Canterbury Las, McQueen's Vall, Oxford, Lake Taylor, Rata Peaks, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Denniston Nort, Blackbirch Sta, Lake Benmore, etc.

WEL 22 00:52:08.9±0.1, 43:57S×172:72E, h8km, ML3.6/7, 3C-1D, Error ellipse: s-maj=1.2km s-min=0.7km az=90.0, South Island

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Canterbury Las, McQueen's Vall, Oxford, Lake Taylor, Rata Peaks, etc.

WEL 22 00:52:16.4±0.1, 43:59S×172:65E, h6km, ML3.7/6, 1C-1D, Error ellipse: s-maj=0.7km s-min=0.4km az=90.0, South Island

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Canterbury Las, McQueen's Vall, Oxford, Lake Taylor, Rata Peaks, etc.

WEL 22 00:52:16.4±0.1, 43:59S×172:65E, h6km, ML3.7/6, 1C-1D, Error ellipse: s-maj=0.7km s-min=0.4km az=90.0, South Island

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Canterbury Las, McQueen's Vall, Oxford, Lake Taylor, Rata Peaks, etc.

IDC 22 00:59:39.4±1.7, 20:83S×168:53E, h0km, mb4.3/7, mb1.4/8, mb1mx4.2/25, mbtmap4.3/8, ML3.9/1, Error ellipse: s-maj=58.4km s-min=19.1km az=143.0, ISCB/J 22 00:59:43.3±1.5, 20:75S-0.2-168:4E-0.2, h33km, mb4.1/7, Error ellipse: s-maj=45.1km s-min=10.7km az=135.8, ISC 22 00:59:44.9±1.6, 20:85S-0.3-168:4E-0.3, h35km, m13, ±0.98/12, mb4.2/7, 2C, Loyalty Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like DZM, CTA, STKA, WRA, ASAR, USRK, PETK, NVAR, ILAR, EKA, GERES, MOA, FETA, etc.

WEL 22 01:02:43.0±0.1, 43:59S×172:65E, h3km, ML3.3/6, 1C, Error ellipse: s-maj=1.0km s-min=0.3km az=90.0, South Island

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Canterbury Las, McQueen's Vall, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Canterbury Las, McQueen's Vall, Oxford, Lake Taylor, Rata Peaks, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Dannevirke, Wether Hill Ro, Wanganui, Takapari Road, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DDA 22:01:24:35.9, AKH Akhalkalaki, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like McQueen's Vall, Oxford, Lake Taylor, Rata Peaks.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Incheon, Waitaha Valley, Lake Benmore, Tuapeka.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Moikau Station, D'Urville Isla, Jackson Bay, Paruwai Farm.

WEL 22 01:30:29.1-0.2, 43.57Sx172.70E, h8km, ML3.7/7, 1C-1D, Error ellipse: s-maj=3.0km s-min=1.0km az=90.0, South Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Canterbury Las, McQueen's Vall, Oxford, Lake Taylor, Rata Peaks, Incheon, Waitaha Valley, Tuapeka, Lake Benmore, Otahua Downs, Fox Glacier, Jackson Bay, Earnsclough.

WEL 22 01:38:29.0-0.1, 43.60Sx172.63E, h3km, ML3.5/3, 1C-1D, Error ellipse: s-maj=1.4km s-min=0.4km az=90.0, South Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Canterbury Las, McQueen's Vall, Oxford, Lake Taylor.

WEL 22 01:39:38.7-0.2, 43.53Sx172.68E, h5km, ML2.7/3, Error ellipse: s-maj=3.2km s-min=0.8km az=90.0, South Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Canterbury Las, McQueen's Vall, Oxford, Lake Taylor, Kapiti Island, Mount Morrison, Otawhai Gorge, Tuapeka, Holdsworth Sta, Te Maipa, Mangatainoka R.

WEL 22 01:31:21.9-0.1, 43.60Sx172.61E, h5km, ML3.3/8, 2C, Error ellipse: s-maj=2.2km s-min=0.6km az=90.0, South Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Canterbury Las, McQueen's Vall, Oxford, Lake Taylor, Rata Peaks, Tophouse, Lake Benmore, Earnsclough.

WEL 22 01:39:55.7-0.1, 43.58Sx172.66E, h4km, ML2.9/3, 1C, Error ellipse: s-maj=1.2km s-min=0.6km az=90.0, South Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Canterbury Las, McQueen's Vall, Oxford, Lake Taylor.

WEL 22 01:40:29.4-0.3, 43.60Sx172.58E, h5km, ML3.5/3, Error ellipse: s-maj=3.0km s-min=0.8km az=90.0, South Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Canterbury Las, McQueen's Vall, Oxford, Lake Taylor, Kapiti Island, Mount Morrison, Otawhai Gorge, Tuapeka, Holdsworth Sta, Te Maipa, Mangatainoka R, Wether Hill Ro.

NEIC 22 01:39:58.5, 43.56Sx172.74E, h8km, ML4.0(WEL), After WEL. NEIC Fell at Christchurch.

WEL 22 01:39:59.0-0.1, 43.53Sx172.73E, h8km, ML4.0/29, 2C-1D, Error ellipse: s-maj=1.3km s-min=0.6km az=90.0, South Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Canterbury Las, McQueen's Vall, Oxford, Lake Taylor, Rata Peaks, Incheon, Waitaha Valley, Tophouse, Denniston, Blackbirch Sta, Lake Benmore, Fox Glacier, Otahua Downs, Tuamarina, Nelson, Tory Channel, Baring Head, SNZO, Quartz Range.

WEL 22 01:40:29.4-0.3, 43.60Sx172.58E, h5km, ML3.5/3, Error ellipse: s-maj=3.0km s-min=0.8km az=90.0, South Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Canterbury Las, McQueen's Vall, Oxford, Lake Taylor, Kapiti Island, Mount Morrison, Otawhai Gorge, Tuapeka, Holdsworth Sta, Te Maipa, Mangatainoka R, Wether Hill Ro, Takapora Road, North Egmont, Deep Cove, Pukenui, Vera Road, The Paps, Wahianoa, Black Hill Sta, Haurangi, Hauti, Matawai.

WEL 22 01:32:39.2-0.2, 43.59Sx172.65E, h7km, ML2.9/5, 1C, Error ellipse: s-maj=2.7km s-min=0.9km az=90.0, South Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Canterbury Las, McQueen's Vall, Oxford, Lake Taylor, Rata Peaks, Tophouse, Lake Benmore, Earnsclough.

WEL 22 01:41:14.4-0.1, 43.55Sx172.63E, h5km, ML3.0/3, 2C, Error ellipse: s-maj=2.2km s-min=0.5km az=90.0, South Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Canterbury Las, McQueen's Vall, Oxford, Lake Taylor, Kapiti Island, Mount Morrison, Otawhai Gorge, Tuapeka, Holdsworth Sta, Te Maipa, Mangatainoka R, Wether Hill Ro, Takapora Road, North Egmont, Deep Cove, Pukenui, Vera Road, The Paps, Wahianoa, Black Hill Sta, Haurangi, Hauti, Matawai.

WEL 22 01:33:15.8-0.2, 43.58Sx172.74E, h5km, ML2.8/4, Error ellipse: s-maj=2.3km s-min=0.6km az=90.0, South Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Canterbury Las, McQueen's Vall, Oxford, Lake Taylor, Rata Peaks, Waitaha Valley.

WEL 22 01:41:36.7-0.1, 43.60Sx172.63E, h7km, ML2.9/3, 2C-1D, Error ellipse: s-maj=2.4km s-min=0.7km az=90.0, South Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Canterbury Las, McQueen's Vall, Oxford, Lake Taylor.

WEL 22 01:38:08.5-0.1, 43.60Sx172.60E, h5km, ML3.5/8, 2C, Error ellipse: s-maj=1.1km s-min=0.5km az=90.0, South Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Canterbury Las, McQueen's Vall, Oxford, Lake Taylor, Rata Peaks.

WEL 22 01:42:08.3-0.1, 43.55Sx172.66E, h6km, ML2.8/3, 1C, Error ellipse: s-maj=2.1km s-min=0.6km az=90.0, South Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Canterbury Las, McQueen's Vall, Oxford, Lake Taylor.

WEL 22 01:42:08.3-0.1, 43.55Sx172.66E, h6km, ML2.8/3, 1C, Error ellipse: s-maj=2.1km s-min=0.6km az=90.0, South Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Canterbury Las, McQueen's Vall, Oxford, Lake Taylor, Rata Peaks.

22d 1h

2011 FEB

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comp=Z,1.4nm,1.0s,baz=132,slow=3.7,SNR=3.9

Table with columns: TAM, Station Name, Frequency, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like Bucovina Array, Arges, Suwalki, L'vov, Vitosh, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Phase ID Error, Time, Time Error, Res, Res Error. Includes sections for WEL 22 01:51:05.0-2.4, WEL 22 01:51:09.0-2.4, WEL 22 01:52:12.5-0.1, WEL 22 01:52:37.6-0.1, WEL 22 01:52:49.2-0.1, WEL 22 01:53:05.2-0.1, WEL 22 01:53:29.2-0.1, WEL 22 01:53:49.0-0.1, WEL 22 01:53:53.9-0.1, KRSC 22 01:54:10.2-0.5.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Phase ID Error, Time, Time Error, Res, Res Error. Includes stations like Krestovskiy, Sorokina, Kirishev, Mys Kozlova, Kamenistaya, Kopyt, Kozzyrevsk, Sredinnyy, Bering, Esso, Karymskiy, Mys Shipunski, Sedlovaya, Arik, Somma, Avacha, Uglovaya, Galany, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PAWZ Paruwai Farm, TUZ Tuapeka, TRWZ Traveller, etc.

MOS 22 01:55:42.1±1.3, 50°16'N-156°85'E, h24km, mb4.2/1, Error ellipse: s-maj=44.3km s-min=9.8km az=81.0

KRSC 22 01:55:44.9±1.0, 50°39'N-156°93'E, h31km, 17km, ML3.9

ISC 22 01:55:46.6±3.6, 50°44'N-156°55'E, 0.2±0.2, h27km, n17, e11°16', 1D, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SKR Severo-Kuril's, PAU Pauzhetka, ASAK Asacha, etc.

WEL 22 01:57:50.9±0.1, 43°57'S-172°64'E, h5km, ML4.0/18, 1C, Error ellipse: s-maj=0.7km s-min=0.4km az=90.0, South Island

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

WEL 22 01:58:49.4±0.1, 43°61'S-172°62'E, h5km, ML3.6/7, 1C, Error ellipse: s-maj=1.5km s-min=0.5km az=90.0, South Island

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

WEL 22 01:59:42.2±0.1, 43°60'S-172°63'E, h5km, ML3.6/3, 1C, Error ellipse: s-maj=3.6km s-min=1.1km az=90.0, South Island

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

INZ Inchbonnie 1.23 315 eP* Pg 02 00 04.4 -1.3

WEL 22 02:03:08.1±0.1, 43°60'S-172°62'E, h5km, ML3.5/11, Error ellipse: s-maj=1.0km s-min=0.5km az=90.0, South Island

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

WEL 22 02:03:53.4±0.1, 43°59'S-172°62'E, h5km, ML3.4/7, Error ellipse: s-maj=3.3km s-min=1.0km az=90.0, South Island

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

WEL 22 02:04:16.6±0.1, 43°61'S-172°62'E, h7km, 1km, ML3.7/13, 1C-1D, Error ellipse: s-maj=2.2km s-min=0.7km az=90.0, South Island

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

WEL 22 02:04:49.8±0.1, 43°59'S-172°65'E, h5km, ML3.2/6, 1D, Error ellipse: s-maj=1.7km s-min=0.9km az=90.0, South Island

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

WEL 22 02:07:52.8±0.1, 43°55'S-172°66'E, h8km, ML3.0/4, Error ellipse: s-maj=2.2km s-min=0.9km az=90.0, South Island

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

WEL 22 02:08:30.2±0.1, 43°60'S-172°61'E, h8km, ML3.8/19, 1C, Error ellipse: s-maj=1.3km s-min=0.8km az=90.0, South Island

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WVZ Tophouse, Lake Benmore, Denniston Nort, etc.

ROM 22 02:08:47.1±0.3, 42°35'N-13°88'E, h10km, Md1.9/3, MI1.5/2, Error ellipse: s-maj=4.2km s-min=2.6km az=173.0, Central Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FAGN Fagnano, T0106 Roio Piana, T0104 Madonna delle, etc.

WEL 22 02:08:52.0±0.2, 43°58'S-172°59'E, h5km, ML3.3/2, 1D, Error ellipse: s-maj=2.9km s-min=0.5km az=90.0, South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CRLZ Canterbury Las, MOZ McQueen's Vall, etc.

WEL 22 02:10:9.0±0.1, 43°57'S-172°62'E, h5km, ML3.3/3, 1C, Error ellipse: s-maj=1.8km s-min=0.7km az=90.0, South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CRLZ Canterbury Las, MOZ McQueen's Vall, etc.

TIF 22 02:10:21.9, 41°40'N-43°90'E, h14km, 1km, 1C, Turkey-Georgia-Armenia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AKH Akhalkalaki, TBGL Delisi, DGRG David-gareji, etc.

BJJ 22 02:10:17.6, 13°68'N-120°99'E, h132km, mb5.2/72, mB5.2/33

MAN 22 02:10:23.14, 15°N-120°35'E, h102km, mb5.4, ML4.4, MS4.7

MAN INTENSITY IV - MANILA; DASMARINAS CAVITE; INTENSITY III - QUEZON CITY; PASAY CITY; PASIG CITY; MAKATI CITY; MUNTINLUPA CITY; MALABO CITY.

ISCJB 22 02:10:23.6±0.2, 14°18'N-101°120°66'E±0.02, h142km, 2km, mb5.1/201, Error ellipse: s-maj=3.5km s-min=2.4km az=6.0

KLM 22 02:10:23.7, 14°11'N-121°01'E, h162km, mb5.4, MS6.0

MOS 22 02:10:23.4±0.8, 14°15'N-120°66'E, h143km, mb5.2/61, Error ellipse: s-maj=7.1km s-min=4.0km az=110.6

IDC 22 02:10:24.7±0.5, 14°11'N-120°65'E, h143km, 4km, mb4.8/56, mb1.4/8.57, mb1mx4.7/73, mbtmp5.2/57, Error ellipse: s-maj=7.9km s-min=5.3km az=66.0

GCMT 22 02:10:24.5±0.3, 14°16'N-120°53'E, h138km, 4km, Mv5.2/86, Moment Tensor Solution. s13, c14; s86, c115; Duration: 1s0 Moment tensor: Scale 10^18Nm; Mn=4.06e-37; Mv=2.65e-39; Mw=2.22e-46; Ms=3.29e-26; Mm=0.10e-37; Ml=5.90e-31; Best double couple: Mv=6.76000e+10; NP1=149.00000; s76.00000; s2.92.00000; NP2=321.00000; s14.00000; s82.00000; Principal axes: T 8.8990, Plg59.0000; Azm62.0000; N -2.4570, Plg2.0000; Azm329.0000; P -6.4520, Plg31.0000; Azm237.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 22 02:10:24.5±0.4, 14°13'N-120°65'E, h141km, mb5.2/82, Error ellipse: s-maj=3.5km s-min=2.5km az=102.0

NEIC Felt [IV PIVS] at Dasmannas and Manika; [III PIVS] at Makati, Malabon, Malolos, Mariveles, Muntinlupa City, Pasay, Pasig, Quezon City, Subic and Tagaytay. Felt widely in southwestern Luzon. Felt [II PIVS] at Looz, Lubang Island and at Mamburao and San Teodoro, Mindoro.

22d 2h

Table with columns: WORD, comp, time, and other metrics. Includes entries like VOR, VSR, LPSR, TMC, etc.

2011 FEB

Table with columns: DOPR, KMB, VOIR, FLOS, KONS, ARCS, etc. Includes entries like Dopca, Kilima Blogo, Flostrand, etc.

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Table with columns: WTTA, WATA, SUMG, YKA, YKA, FETA, DAVA, WLF, BCLA, etc. Includes entries like Wattenberg, Walderalm, Summit, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like 333A, 234A, JCT, etc.

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

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

NEIC 22 02:21:41.1, 43:58S-172:00E, h5km, ML4.3(WEL), After FELL

NEIC Fell in Canterbury. WEL 22 02:21:42.3±0.1, 43:59S-172:64E, h3km, ML4.2/17, Error ellipse: s-maj=0.9km s-min=0.6km az=90.0, South Island

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

WEL 22 02:21:57.0±0.1, 43:59S-172:66E, h5km, ML3.5±2, 1D, Error ellipse: s-maj=0.8km s-min=0.3km az=90.0, South Island

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

WEL 22 02:22:33.8±0.1, 43:59S-172:60E, h5km, ML3.0±2, Error ellipse: s-maj=1.7km s-min=0.8km az=90.0, South Island

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

IDC 22 02:31:35.3±10.0, 52:01N-174:43W, h0km, mb3.5/4, mb1.3/9.5, mb1mx3.4/68, mbtmp3.5/5, ML4.5/1, Error ellipse: s-maj=194.0km s-min=50.5km az=78.0

ISCJB 22 02:31:49.9±0.7, 52:33N-02:173:3W±0.1, h112km, mb3.4/4, Error ellipse: s-maj=32.9km s-min=3.8km az=164.4

NEIC 22 02:31:51.0±0.2, 52:33N-02:173:1W, h50km, ML3.2(AEIC), After AEIC

ISC 22 02:31:52.0±1.1, 52:33N-02:173:35W±0.08, h112km, n20, s181/25, mb3.5/4, Andreanof Islands

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

Table with columns: YKA, Yellowknife Ar, 32.15 48 P, P, 02 38 09.3 +0.9

Table with columns: PDAR, Yellowknife Array, 42.81 76 P, P, 02 39 40.7 +1.9

Table with columns: TXAR, Yellowknife Ar, 55.19 86 P, P, 02 41 15.0 +1.9

WEL 22 02:32:45.7±0.1, 43:58S-172:64E, h5km, ML3.5/8, 2C, Error ellipse: s-maj=0.8km s-min=0.6km az=90.0, South Island

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

DDA 22 02:36:18.5, 38:45N-39:11E, h7km, Md2.9, Error ellipse: s-maj=18.3, 38:44N-39:14E, h21km, MD2.9, Error ellipse: s-maj=19.5, 38:47N-39:18E, h20km, MD2.9, Error ellipse: s-maj=7.9km s-min=6.1km az=62.0

ISC 22 02:36:19.7±1.1, 38:48N-02:39:17E±0.03, h29km±12km, n28, s088/46, Turkey

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

ISCJB 22 02:36:31.0±1.3, 37:67N-0:09:73.5E±0.1, h10km, mb3.4/2, Error ellipse: s-maj=15.8km s-min=12km az=17.5

IDC 22 02:36:32.4±2.3, 37:91N-73:52E, h0km, mb3.4/2, mb1.3/4.8, mb1mx3.2/53, mbtmp3.3/8, ML3.1/3, Error ellipse: s-maj=45.7km s-min=23.5km az=126.0

NNC 22 02:36:34.6±6.9, 37:84N-73:31E, h0km, mb3.9, mpv3.6, Error ellipse: s-maj=64.4km s-min=26.8km az=141.0

ISC 22 02:36:33.6±1.7, 37:77N-0:17:33E±0.1, h10km, n12, s189/15, 4C-5D, Tajikistan

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

ISCJB 22 02:37:21.0±0.5, 51:51N-0:02:16:21E±0.04, h0km, Error ellipse: s-maj=3.8km s-min=3.3km az=145.9

CSEM 22 02:37:22.9±0.2, 51:50N-0:16:17E, h1km, ML3.1/6, Error ellipse: s-maj=4.6km s-min=3.8km az=83.0

PRU 22 02:37:25.3±5.1, 40N-16:18E, h0km, Md.7

ISC 22 02:37:23.0±0.8, 51:49N-0:04:16:18E±0.03, h0km, n27, s190/51, 1D, Poland

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like DPC Dobruska-Polom, PVCC Panska Ves, KRLC Kraliky, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like KMI Kunming, CHTO Chiang Mai, CD2 Chengdu, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like BCLA Clavier, WLF Langenberg, WLF Wangerberg, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes station WEL 22 02:40:18.3, 0.2, 43.56S-172.72E, h6km, 1km, ML3.0/5.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes station WEL 22 02:41:06.2, 0.2, 43.59S-172.64E, h4km, 1km, ML2.9/4.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes station WEL 22 02:42:17.3, 0.1, 43.56S-172.65E, h8km, ML2.9/4.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes station WEL 22 02:42:39.5, 0.2, 43.58S-172.61E, h4km, 1km, ML3.0/3.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes station WEL 22 02:42:49.3, 0.1, 43.56S-172.74E, h7km, ML2.9/2.

ISCJB 22 02:42:59.4, 0.6, 43.64S-172.95E, h0.03, h6km, 4km, mb4.0/3, Error ellipse: s-maj=5.3km s-min=2.8km az=144.0

WEL 22 02:43:02.4, 4.3, 58S-172.81E, h1km, mb4.0/1, Error ellipse: s-maj=1.3km s-min=0.5km az=90.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like CRLZ Canterbury Las, MOZ McQueen's Vall, OXF Oxford, etc.

IDC 22 02:37:19.5, 0.8, 20.59S-168.35E, h0km, mb4.3/12, mb1.4, 5/14, mb1mx4.4/28, mbtmp4.4/14, ML4.0/2, MS3.9/2, Ms1.3, 9/2, ms1mx3.4/35, Error ellipse: s-maj=26.0km s-min=18.3km az=139.0

NEIC 22 02:37:21.9, 0.5, 20.51S-168.19E, h10km, mb4.7/8, Error ellipse: s-maj=11.3km s-min=9.8km az=63.0

ISCJB 22 02:37:28.9, 0.3, 21.18S-167.61E, h0.05, h33km, mb4.7/27, MS4.6/6, Error ellipse: s-maj=9.2km s-min=6.5km az=166.7

BUI 22 02:37:29.6, 21.20S-167.60E, h35km, mb4.8/28, mb5.4/23, Ms5.0/12, Ms7.4/7/12

ISC 22 02:37:30.8, 0.5, 21.12S-167.77E, h0.08, h35km, n109, e174/103, mb4.8/27, MS4.8/6, 4C-2D, Loyalty Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like DZM Mont Dzumac, LHI Lord Howe Isla, OUZ Omahuta, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like ISA Isabella, EDW2 Edwards Air Fo, MURC Murrieta, etc.

WEL 22 02:43:01.3, 4.3, 58S-172.87E, h0.04, h7km, 7km, n181, e1908/196, mb3.9/3, 4C-2D, South Island

NEIC 22 02:43:02.4, 4.3, 58S-172.81E, h1km, mb4.0/1, Error ellipse: s-maj=1.3km s-min=0.5km az=90.0

WEL 22 02:43:02.4, 4.3, 58S-172.87E, h0.04, h7km, 7km, n181, e1908/196, mb3.9/3, 4C-2D, South Island

ISC 22 02:43:01.3, 4.3, 58S-172.87E, h0.04, h7km, 7km, n181, e1908/196, mb3.9/3, 4C-2D, South Island

ISCJB 22 02:43:02.4, 4.3, 58S-172.81E, h1km, mb4.0/1, Error ellipse: s-maj=1.3km s-min=0.5km az=90.0

WEL 22 02:43:02.4, 4.3, 58S-172.87E, h0.04, h7km, 7km, n181, e1908/196, mb3.9/3, 4C-2D, South Island

NEIC 22 02:43:02.4, 4.3, 58S-172.81E, h1km, mb4.0/1, Error ellipse: s-maj=1.3km s-min=0.5km az=90.0

WEL 22 02:43:02.4, 4.3, 58S-172.87E, h0.04, h7km, 7km, n181, e1908/196, mb3.9/3, 4C-2D, South Island

22d 3h

Table with columns: THZ, Topohouse, 1.85 5 Pn, Pn, 02 48 48.8 -1.0, WAZ Wanganui, 4.22 25 AML, AML, 02 50 21.3, Error ellipse: s-maj=0.9km s-min=0.6km az=90.0, South Island

1011 FEB

Table with columns: WAZ Wanganui, 4.22 25 AML, AML, 02 50 21.3, Error ellipse: s-maj=2.3km s-min=1.3km az=90.0, South Island

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Table with columns: Error ellipse: s-maj=0.9km s-min=0.6km az=90.0, South Island, Code, Station Name, A° AZ°, Phase ID, Time, Res, ISC

Table with columns: WRAB, WRA, YKA, ASAR, KBZ, NOA, AKASA. Includes station names, coordinates, and technical details.

ISCJB 22 03:04:06.1±0.3, 43.64S, 0.03±172.81E, 0.03, h10km, mb4.3/4, MS4.3/5, Error ellipse: s-maj=4.6km s-min=2.4km az=146.7

IDC 22 03:04:07.6±1.2, 43.34S±172.63E, h0km, mb4.1/2, mb1.4/3, mb1mx4.0/21, mbtmpr4.1/3, ML4.0/1, MS3.9/3, Ms1.3/9.3, ms1mx3.0/19, Error ellipse: s-maj=43.8km s-min=14.0km az=157.0

NEIC 22 03:04:09.1, 43.57S±172.65E, h12km, mb4.5/2, MW4.4, ML5.0(WEL), Moment Tensor Solution. s25 Moment tensor: Scale 10^15Nm; Mrr-0.29; Mth3.66; Mtt-3.37; Mtr-1.91; Mtr-3.98; Mtr-0.80; Best double couple: Ms5.70000x10^15 Np1.161.000000, d77.000000, lambda.12.000000. NP2=68.000000, d78.000000, lambda.167.000000. Principal axes: T 6.1200, Plg18.0000, Azm24.0000; N -0.9600, Plg72.0000, Azm207.0000; P -5.1700, Plg1.0000, Azm114.0000; After WEL.

NEIC Felt at Christchurch. WEL 22 03:04:09.3±0.1, 43.57S±172.60E, h4km, 1km, ML4.9/5/2 Error ellipse: s-maj=1.3km s-min=1.0km az=90.0, 6.

WEL Felt between West Coast, Otago and Canterbury, maximum reported intensity MM.

ISC 22 03:04:08.6±0.6, 43.59S±172.69E±0.03, h10km, n129, a156/138, mb4.1/4, MS4.2/5, AC-7D, South Island

Main station list table for the 1095 section, including station names, coordinates, and phase IDs.

Main station list table for the 2011 FEB section, including station names, coordinates, and phase IDs.

Main station list table for the 22d 3h section, including station names, coordinates, and phase IDs.

22d 3h

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Ciliabad, Altighaj, Pirkuli, Khinaliq, Ganja, GEDABAY, etc.

WEL 22 03:23:42.9±0.2, 43.59Sx172.62E, h5km, ML2.8/5, Error ellipse: s-maj=5.6km s-min=1.6km az=90.0, South Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Canterbury Las, McQueen's Vall, Oxford, Lake Taylor, Rata Peaks, Waitaha Valley.

WEL 22 03:23:54.3±0.1, 43.55Sx172.71E, h7km, ML3.5/8, 2C, Error ellipse: s-maj=1.3km s-min=0.6km az=90.0, South Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Canterbury Las, McQueen's Vall, Oxford, Lake Taylor, Rata Peaks, Waitaha Valley, etc.

ISJCJB 22 03:24:02.0±0.8, 43.58Sx172.82E, h10km, ML3.9, mb3.8/3, Error ellipse: s-maj=7.2km s-min=4.5km az=142.0

WEL 22 03:24:04.8±0.1, 43.60Sx172.64E, h5km, ML4.2/28, Error ellipse: s-maj=0.7km s-min=0.5km az=90.0

WEL Felt in the Canterbury region, maximum reported intensity MM 4.

NEIC 22 03:24:04.8, 43.60Sx172.67E, h5km, mb4.0/1, ML4.4(WEL), After WEL.

IDC 22 03:24:05.2±1.5, 43.14Sx172.43E, h0km, mb3.7/2, mb1.3/9.3, mb1mx3.8/27, mbtmp3.8/3, ML2.8, Error ellipse: s-maj=44.7km s-min=13.0km az=143.0

ISC 22 03:24:03.6±1.0, 43.57Sx172.73E, h10km, g6km, n60, c1098/51, mb3.6/3.1C, South Island

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists numerous stations and their associated data points.

2011 FEB

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Earnsclough, Cannon Point, Traveller, Mount Morrison, Tuapeka, etc.

KRSC 22 03:28:30.0±0.8, 53.94Nx160.93E, h69km±19km, ML3.9, ISJCJB 22 03:28:31.3±0.4, 53.92Nx160.97E, 0.06, h68km±6km, mb3.4/5, Error ellipse: s-maj=6.3km s-min=2.7km az=29.2

MOS 22 03:28:31.0±0.4, 53.93Nx160.94E, h67km, mb4.2/1, Error ellipse: s-maj=11.9km s-min=5.0km az=81.6

IDC 22 03:28:34.2±9.5, 54.01Nx160.14E, h105km, g2km, mb3.1/5, mb1.3/5.5, mb1mx3.1/47, mbtmp3.5/5, Error ellipse: s-maj=73.8km s-min=27.5km az=175.0

ISC 22 03:28:32.0±0.9, 53.94Nx160.89E, 0.03, h62km±9km, n74, c109/126, mb3.5/5, Near east coast of Kamchatka

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists numerous stations and their associated data points.

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Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Klyuchi, Asacha, Apacha, Sredinnyy, Krutoberegovo, Baidarnaya, etc.

IDC 22 03:30:38.4±1.9, 20.47Sx167.57E, h0km, mb3.8/3, mb1.4/2.3, mb1mx3.8/26, mbtmp3.8/3, Error ellipse: s-maj=52.8km s-min=26.9km az=132.0, Loyalty Islands

DZM Mont Dzumac 1.91 213 Op P 03 31 11.3 -0.9

DZM 9.7nm, 0.3s, baz=177, slow=0.1, SNR=5.7

WRA Warramunga Arr 31.16 265 P 03 36 59.4 +0.1

ASAR Alice Springs 31.32 258 P 03 37 00.9 +0.2

NVAR Mina Array Bea 90.79 49 P 03 43 44.0 0.0

WEL 22 03:31:15.2±0.3, 43.58Sx172.67E, h5km, ML2.7/4, Error ellipse: s-maj=3.7km s-min=1.3km az=90.0, South Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Canterbury Las, McQueen's Vall, Oxford, Lake Taylor, Rata Peaks.

NEIC 22 03:32:23.0, 43.54Sx172.72E, h10km, ML4.2(WEL), After WEL.

NEIC Felt in Canterbury. WEL 22 03:32:34.0±1.0, 43.54Sx172.70E, h7km, ML4.1/29, 1C-2D, Error ellipse: s-maj=1.3km s-min=0.6km az=90.0, South Island

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists numerous stations and their associated data points.

Table with columns: TUWZ Tuamarina, NZNZ Nelson, TCW Tory Channel, BHW Baring Head, etc. Includes station names, coordinates, and time/res data.

WEL 22 03:35:03.7.0.1, 43.58Sx172.66E, h3km, ML3.6/12, 1D, Error ellipse: s-maj=0.7km s-min=0.6km az=90.0, South Island

Table with columns: Code Station Name, Az, Az2, Phase ID, Time, Res. Includes Canterbury Las, McQueen's Vall, Oxford, etc.

WEL 22 03:42:13.4.0.1, 43.58Sx172.58E, h5km, ML2.7/4, 1C, Error ellipse: s-maj=1.1km s-min=0.7km az=90.0, South Island

Table with columns: Code Station Name, Az, Az2, Phase ID, Time, Res. Includes Canterbury Las, McQueen's Vall, Oxford, etc.

Summary table for 2011 FEB with columns: OXZ, LTZ, RPZ, Rata Peaks, values for PG, AML, P, etc.

WEL 22 03:42:19.5.0.2, 43.54Sx172.70E, h7km, ML3.0/9, 1C, Error ellipse: s-maj=1.9km s-min=0.9km az=90.0, South Island

Table with columns: Code Station Name, Az, Az2, Phase ID, Time, Res. Includes Canterbury Las, McQueen's Vall, Oxford, etc.

WEL 22 03:43:54.1.0.2, 43.54Sx172.73E, h8km, ML3.7/16, 4C-3D, Error ellipse: s-maj=1.8km s-min=0.8km az=90.0, South Island

Large table with columns: Code Station Name, Az, Az2, Phase ID, Time, Res. Includes Canterbury Las, McQueen's Vall, Oxford, etc.

WEL 22 03:44:38.9.0.2, 43.57Sx172.68E, h6km, ML3.2/5, 2C, Error ellipse: s-maj=2.5km s-min=1.0km az=90.0, South Island

Table with columns: Code Station Name, Az, Az2, Phase ID, Time, Res. Includes Canterbury Las, McQueen's Vall, Oxford, etc.

WEL 22 03:45:15.6.0.3, 43.58Sx172.64E, h5km, ML3.1/3, Error ellipse: s-maj=5.3km s-min=2.1km az=90.0, South Island

Table with columns: Code Station Name, Az, Az2, Phase ID, Time, Res. Includes Canterbury Las, McQueen's Vall, Oxford, etc.

WEL 22 03:46:21.4.0.1, 43.58Sx172.60E, h5km, ML2.9/3, 1C, Error ellipse: s-maj=1.1km s-min=0.5km az=90.0, South Island

Table with columns: Code Station Name, Az, Az2, Phase ID, Time, Res. Includes Canterbury Las, McQueen's Vall, Oxford, etc.

Summary table for 22d 3h with columns: LTZ, eS, Sb, AML, values for AML, etc.

WEL 22 03:46:43.7.0.1, 43.58Sx172.61E, h6km, ML3.9/7, 3C, Error ellipse: s-maj=1.8km s-min=0.9km az=90.0, South Island

Table with columns: Code Station Name, Az, Az2, Phase ID, Time, Res. Includes Canterbury Las, McQueen's Vall, Oxford, etc.

ISCJB 22 03:46:52.1.0.5, 43.57Sx172.76E, h12km, 4km, mb3.2/2, Error ellipse: s-maj=6.8km s-min=4.2km az=155.7

NEIC 22 03:46:53.8, 43.58Sx172.64E, h11km, ML4.2(WEL), After WEL

NEIC Fell in Canterbury, IDC 22 03:46:53.1.2.6, 43.32Sx172.57E, h0km, mb3.3/2, mb1.3.6/2, mb1mx3.5/15, mbtmpp3.3/2, Error ellipse: s-maj=5.7km s-min=18.3km az=149.0

WEL 22 03:46:54.3.0.1, 43.58Sx172.63E, h7km, ML4.1/27, Error ellipse: s-maj=0.6km s-min=0.4km az=90.0

WEL Fell in the Canterbury region, maximum reported intensity MM4

ISC 22 03:46:53.2.1.0, 43.54Sx172.72E, h9km, 6km, n68, n085/67, 2C-1D, South Island

Large table with columns: Code Station Name, Az, Az2, Phase ID, Time, Res. Includes Canterbury Las, McQueen's Vall, Oxford, etc.

22d 4h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BHHZ Black Hill Sta, OTVZ Otutere, WTVZ West Tongariro, etc.

NIED 22 03:50:00, 43.00N, 145.90E, h41km, Mw4.0. Best double couple: M1.30000, 1015. NP1.187, 00000, 842.00000, 147.00000. NP2.58, 00000, 861.00000, 121.00000.
IDC 22 03:50:47.0, 0.8, 43.13N, 145.93E, h0km, mb4.1/1.7, mb1.4/3.20, mb1mx4.1/39, mbtmp4.1/20, ML3.2/3, MS3.4/2, Ms1.3/4.2, ms1mx2.8/66, Error ellipse: s-maj=22.0km s-min=15.7km az=155.0
NEIC 22 03:50:52.7, 0.9, 43.06N, 146.02E, h42km, mb4.3/6, Error ellipse: s-maj=12.0km s-min=7.4km az=131.0
ISCJB 22 03:50:52.4, 0.6, 43.00N, 0.04, 145.92E, 0.05, h54km, 4km, mb4.1/28, MS4.1/1, Error ellipse: s-maj=7.9km s-min=4.3km az=141.1
MOS 22 03:50:52.5, 1.2, 43.00N, 145.87E, h55km, mb4.4/9, Error ellipse: s-maj=10.3km s-min=6.5km az=83.3
SKHL 22 03:50:53.9, 0.5, 43.08N, 145.78E, h56km, 3km, mb4.9/6
JMA 22 03:50:53.1, 0.1, 43.00N, 145.89E, h48km, 1km, M4.2
JMA Felt II J1.

Main station list for 22d 4h. Columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like NEM2 Nemuro 2, JAK Akkeshi, YUK Yuzh-Kuril'sk, etc.

2011 FEB

Main station list for 2011 FEB. Columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like MJAR comp=Z, 0.2nm, 0.3s, bazz=49, slow=16, SNR=3.8, USRK Ussuriysk Ar., SKR Sevto-Kuril's, etc.

NEIC 22 03:57:20.8, 53.75N, 165.25W, h46km, ML2.8(AEIC), After AEIC., Fox Islands. Columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like AKSA Akutan Strait, AKU Akutan, etc.

1098

MSOM Makushin Julie, SSSL Shishaldin Sou, SSSL SSSL, SBLW Shishaldin Wes, etc.

DHMR 22 04:01.0, 2.0, 11.94N, 44.17E, h16km, 35km, ML3.6, Western Gulf of Aden. Columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ADEN Aden, UDYN Al Udayn, etc.

IDC 22 04:02.1, 0.8, 3.1, 21.86S, 69.18W, h0km, mb3.7/2, mb1.3/8.3, mb1mx3.5/24, mbtmp3.6/3, ML3.3/1, Error ellipse: s-maj=83.5km s-min=55.6km az=55.0
ISCJB 22 04:02.31, 2.0, 9.20, 29.49S, 0.05, 69.00W, 0.2, h126km, 9km, mb3.4/2, Error ellipse: s-maj=23.4km s-min=8.2km az=3.4
GUC 22 04:02.0, 3.1, 1.0, 5.0, 20.45S, 68.97W, h116km, 4km, ML3.3
ISC 22 04:02.31, 4.1, 2.0, 49S, 0.06, 69.00W, 0.1, h122km, 11km, n10, 49S, 17.6C, Chile-Bolivia border region

Main station list for 1098. Columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PB01 IPOC Station P, HMBC Humberston, etc.

ISCJB 22 04:06:02.8, 1.2, 8.4S, 0.2, 108.44E, 0.06, h100km, mb3.5/5, Error ellipse: s-maj=22.8km s-min=6.4km az=15.3
DJA 22 04:06:02.5, 1.2, 9.5S, 10.10E, h20km, 9km, M4.2/8, IDC 22 04:06:13.3, 1.4, 7.66S, 108.85E, h133km, 30km, mb3.3/5, mb1.3/4.5, mb1mx3.2/35, mbtmp3.7/5, Error ellipse: s-maj=121.0km s-min=17.5km az=49.0
ISC 22 04:06:04.0, 1.6, 8.3S, 0.1, 108.46E, 0.06, h100km, n26, az=13.20, mb3.8/5, Jawa

Main station list for 1098 (continued). Columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CMJI Cimerak, SCJJI Gunung Srandil, etc.

NEIC 22 04:08:01.8, 18.15N, 100.09W, h58km, MD4.0(MEX), After MEX 22 04:08:01.8, 0.9, 18.15N, 100.09W, h58km, 10km, MD4.0, Guerrero

Main station list for 1098 (continued). Columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ARIG Puente Sto Nin, PLIG Platanillo, etc.

TIF 22 04:17:18.9, 0.4, 31.49N, 43.89E, h15km, 1km
ISCJB 22 04:17:19.0, 0.7, 41.36N, 0.03, 43.85E, 0.04, h4km, 6km,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LANF Langenberg, DRGR Feldberg im Sc, WLF Waiferdange, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AKTK Aktyubinsk, AKTO Aktyubinsk, AKTO Kurchatov Arra, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DSZ Oathua Downs, FOZ Fox Glacier, BSZW Blackbirch Sta, etc.

22d 4h

2011 FEB

1102

Table with columns for station code, frequency, power, and other technical details. Includes stations like NJ2, KS15, KSAR, etc.

Table with columns for station code, frequency, power, and other technical details. Includes stations like GUMO Guam, GUYA Guiyang, HHC Hu-ho-hao-te, etc.

Table with columns for station code, frequency, power, and other technical details. Includes stations like CRAI Chiengrai, CHAI Chaiyaphum, ULN Ulaanbaatar, etc.

Table with columns: CMB, LRM, EGMT, DOU, DLMT, HLID, BOZ, BOZ, NVAR, PPT, ELK, ELK, YNR, YFT, H17A, H17A, FWXY, RLMT, RLMT, MOOW, HVU, HOHW, SNOW, REDW, DGMT, DAC, DAC, R11A, R11A, LAO, LAO, KMBO, KMBO, FURC, WSHM, TPNV, TPNV, EDW2, DUG, DUG, C25A, BW06, BW06, PD31, PDAR, GSC, GSC, SHOC, BFSC, NLU, SHRP, TUQ, E25A, D26A, GMRC, MSU, MSU, E26A, PFO, PFO, PFO, LDFC, ULM, ULM, ULM, BELC, LCMT, Q16A, F26A, MNDP, B30A, E27A, IRM, F27A, BC3, H25A, G26A, RSSD, G27A, I25A, H26A, C31A

Table with columns: F28A, Y12C, Y12C, A33A, PV10, SCHO, ESCD, TORO, TORO, NVL, NVL, DBIC, BDFB

NEIC 22 04:56:51.5:0.1, 43:56Sx172:70E, h8km, ML4.0/26.5C, 7D

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

NEIC 22 05:03:09.8:0.5, 43:76Sx172:91E, h10km, ML4.3(WEL), Error ellipse: s-maj=12.9km s-min=3.4km az=132.0

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

Table with columns: SYZ, WHZ, WHZ, WHZ, PREZ, PREZ, KHEZ, KHEZ, DCZ, DCZ, PKE, PKE, PKF, PKF, APZ, APZ, APZ, HIZ, HIZ

WEL 22 04:57:25.9:0.1, 43:60Sx172:62E, h6km, ML3.3/3, 1C-1D

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

WEL 22 04:58:01.1:0.0, 43:58Sx172:57E, h5km, ML2.9/3, 1C, Error ellipse: s-maj=0.5km s-min=0.4km az=90.0, South Island

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

WEL 22 05:02:27.2:0.1, 43:59Sx172:66E, h4km, ML2.6/7, 1C, Error ellipse: s-maj=1.8km s-min=0.6km az=90.0, South Island

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

NEIC 22 05:03:09.8:0.5, 43:76Sx172:91E, h10km, ML4.3(WEL), Error ellipse: s-maj=12.9km s-min=3.4km az=132.0

WEL 22 05:03:11.6:0.1, 43:62Sx172:64E, h8km, ML4.2/40, 2C-2D, Error ellipse: s-maj=1.4km s-min=0.7km az=90.0, South Island

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Wanaika, Earnsclough, Moikau Station, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Lake Benmore, Denniston Nort, Otahua Downs, etc.

DDA 22 05:05:41.9, 41.34N, 43.60E, h7km, Md 2.9
ISCJB 22 05:05:42.9, 0.7, 41.29N, 0.03, 43.63E, 0.04, h6km, 6km,
Error ellipse: s-maj=4.0km s-min=4.5km az=152.1
CSEM 22 05:05:42.7, 0.1, 41.29N, 43.62E, h5km, ML 1.8, Error
ellipse: s-maj=2.2km s-min=1.8km az=140.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like AKH, EAK, DIGO, etc.

WEL 22 05:07:12.4, 0.1, 43.60S, 172.63E, h7km, 1km, ML 3.6/11,
Error ellipse: s-maj=1.8km s-min=0.8km az=90.0, South
Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CRLZ, CRZL, MOZ, etc.

WEL 22 05:09:45.9, 6.7, 30.90S, 178.66W, h0km, mb3.6/2,
mb1 3.9/2, mb1mx3.6/29, mbtmp3.6/2, Error ellipse:
s-maj=269.5km s-min=61.6km az=156.0, Kermadec
Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ASAR, WRA, FINES, etc.

WEL 22 05:14:22.0, 0.1, 43.59S, 172.63E, h4km, 1km, ML 3.5/12,
2D, Error ellipse: s-maj=1.4km s-min=0.6km az=90.0, South
Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CRLZ, CRZL, MOZ, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like WZV, THZ, LBZ, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like PLWZ, JCB, WKZ, etc.

WEL 22 05:16:45.2, 0.9, 20.61S, 173.00W, h0km, mb4.3/12,
mb1 4.5/15, mb1mx4.3/41, mbtmp4.4/15, ML 4.3/3, MS3.6/2,
s-maj=3.7/2, ms 1mx2.3/34, Error ellipse: s-maj=37.5km
NEIC 22 05:16:46.6, 0.4, 20.60S, 173.00W, h10km, mb4.5/3, Error
ellipse: s-maj=11.5km s-min=7.2km az=137.0
ISCJB 22 05:16:48.0, 0.5, 20.77S, 0.07, 172.94W, 0.09, h33km,
mb4.2/14, MS4.1/1, Error ellipse: s-maj=13.0km
s-min=7.8km az=36.5

WEL 22 05:16:49.9, 0.6, 20.78S, 0.10, 172.94W, 0.10, h35km, n28,
s192/22, mb4.4/14, Tonga Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like AFI, RAO, RAR, etc.

WEL 22 05:17:22.3, 0.1, 43.59S, 172.61E, h9km, ML 3.9/18, 5C-2D,
Error ellipse: s-maj=1.4km s-min=0.6km az=90.0, South
Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like CRLZ, CRZL, MOZ, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Blackbirch Sta, Tuamarina, Nelson, etc.

WEL 22 05:18:38.8,0.2,43'54S,172.73E,h6km,1km,ML3.5/13, 1C, Error ellipse: s-maj=2.3km s-min=0.9km az=90.0, South Island

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Canterbury Lys, McQueen's Vall, Oxford, Lake Taylor, Rata Peaks, etc.

NIED 22 05:28:00,26.40N,129.05E,h20km,Mw4.7 Best double couple: M:1.21000x1016 NP1:202.00000, 332.00000, 1.57.00000, NP2:59.00000, 364.00000, 1.109.00000

IDC 22 05:28:16.4,0.5,26.45N,128.85E,h0km,mb4.2/2.7, mb1.4/2.9, mb1mx4.3/4.4, mb1mp4.3/2.9, ML4.1, MS3.9/19, Ms1.3/9.19, ms1mx3.6/4.9, Error ellipse: s-maj=16.8km s-min=12.2km az=72.0

MOS 22 05:28:17.1,3.26'40N,128.185E,h17km,mb4.9/2.9, MS4.1/8, Error ellipse: s-maj=10.5km s-min=5.5km az=104.2

BUJ 22 05:28:18.1,26.28N,129.05E,h36km,mb4.5/4.8,mb4.7/3.8, MS4.6/4.6, MS7.4/4.6

JMA 22 05:28:18.9,0.3,26.36N,128.94E,h28km,4km, M4.7 JMA Felt 1 J1, ISCJB 22 05:28:19.3,0.7,26.40N,0.03,128.87E,0.03,h28km,4km, mb4.5/71, MS4.1/28, Error ellipse: s-maj=5.2km s-min=3.4km az=139.1

NEIC 22 05:28:22.9,0.6,26.48N,128.75E,h36km,7km,mb4.8/2.9, Error ellipse: s-maj=9.1km s-min=5.9km az=121.0

NEIC Felt on Okinawa - Recorded (1 JMA) on Okinawa. ISC 22 05:28:23.1,0.4,26.48N,0.04,128.78E,0.04,h39km,2km, n207,r192/243,mb4.6/71,MS4.2/28,26C-6D,Ryukyu Islands

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

Main table with columns: Station Name, Az, Phase, ID, Time, Res. Includes stations like NJ2, KS15, KSAR, KSRS, KS01, etc.

Main table with columns: Station Name, Az, Phase, ID, Time, Res. Includes stations like KMI, ULN, ULN, ULN, ULN, etc.

22d 5h

Table of astronomical observations for 22d 5h, listing station names, coordinates, and observation details.

2011 FEB

Table of astronomical observations for 2011 FEB, listing station names, coordinates, and observation details.

MEX 22 05:36.14.4.1.2.37.83N-103.43.09E.0.03,h3km,12km,

Table of astronomical observations for MEX 22 05:36.14.4.1.2.37.83N-103.43.09E, listing station names, coordinates, and observation details.

1108

Table of astronomical observations for 1108, listing station names, coordinates, and observation details.

CSEM 22 05:36.13.6.0.2.37.81N-43.17E,h2km,MD2.8,Error ellipse: s-maj=5.4km s-min=3.6km az=115.0

Table of astronomical observations for CSEM 22 05:36.13.6.0.2.37.81N-43.17E, listing station names, coordinates, and observation details.

MEX 22 05:36.9.0.9.1.785N-101.66W,h20km,145km,MD4.1, Near coast of Guerrero

Table of astronomical observations for MEX 22 05:36.9.0.9.1.785N-101.66W, listing station names, coordinates, and observation details.

ICD 22 05:57.5.7.1.8.4.97N-123.87E,h0km,mb3.9/5, mb1 4.1/5,mb1mx3.7/46,mbtmp4.0/5, Error ellipse: s-maj=142.3km s-min=24.2km az=65.0, Celebes Sea

Table of astronomical observations for ICD 22 05:57.5.7.1.8.4.97N-123.87E, listing station names, coordinates, and observation details.

ISCJB 22 05:59.33.6.0.5.43.67S-0.03.172.83E.0.04,h12km,3km, mb4.4/4,MS3.4/3, Error ellipse: s-maj=6.0km s-min=3.0km az=143.6

Table of astronomical observations for ISCJB 22 05:59.33.6.0.5.43.67S-0.03.172.83E, listing station names, coordinates, and observation details.

NEIC 22 05:59.35.0.43.64S-172.77E,h5km,MW4.3,ML4.7(WEL), Moment tensor Solution: e18

Table of astronomical observations for NEIC 22 05:59.35.0.43.64S-172.77E, listing station names, coordinates, and observation details.

WEL 22 05:59.36.1.0.1.43.61S-172.67E,h8km,ML4.6/5, Error ellipse: s-maj=1.3km s-min=0.6km az=90.0

Table of astronomical observations for WEL 22 05:59.36.1.0.1.43.61S-172.67E, listing station names, coordinates, and observation details.

ISC 22 05:59.35.1.0.9.43.61S-0.04.172.76E.0.04,h10km,6km, n117,118/2115,mb4.0/4,MS3.4/3,2C-6D, South Island

Table of astronomical observations for ISC 22 05:59.35.1.0.9.43.61S-0.04.172.76E, listing station names, coordinates, and observation details.

Table with columns: ICAO, Name, Frequency, Mode, and other details. Includes stations like DUWZ, JCCZ, PAWZ, etc.

Table with columns: ICAO, Name, Frequency, Mode, and other details. Includes stations like LZH, WMQ, KURK, etc.

Table with columns: ICAO, Name, Frequency, Mode, and other details. Includes stations like SP1Z, SP1Z, ERZC, etc.

ISC 22 07:57:09.0.9.3511N.0.04.2644E:0.02,h17km,5km,
n139,r122/173,mb3.6,6,Crete

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Lists seismic stations and their characteristics for the 22d 8h period.

KSL 280um,1.4s
KYLH Kithira 3.00 294 P Pn

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Lists seismic stations and their characteristics for the 22d 8h period.

WEL 22 08:04:36.0.2.43.59S-172.63E,h5km,ML3.7/11,1D,
Error ellipse: s-maj=3.0km s-min=1.1km az=90.0,South
Island

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Lists seismic stations and their characteristics for the 22d 8h period.

ISCJCB 22 08:09:38.8.0.6.33.77N.0.03:35.77E,0.05,h1km,10km,
Error ellipse: s-maj=7.5km s-min=5.0km az=163.3

CSEM 22 08:09:38.7.0.1.33.77N:35.75E,h2km,ML2.5,Error
ellipse: s-maj=3.4km s-min=2.3km az=81.0

NSSC 22 08:09:38.9.1.2.33.76N:35.77E,h2km,14km,ML1.2

GRAL 22 08:09:39.2.0.3.33.78N:35.78E,h4km,8km,MD2.5

ISC 22 08:09:39.0.1.0.33.78N.0.03:35.75E:0.04,h7km,12km,
n15,r08/26,Jordan-Syria region

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Lists seismic stations and their characteristics for the 22d 8h period.

comp=E,30nm,0.3s
BRBR 0.40 155 eP Pn

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Lists seismic stations and their characteristics for the 22d 8h period.

SCB 22 08:13:18.0.0.5.16.56S:69.01W,h200km,ML3.5/2, Error
ellipse: s-maj=20.0km s-min=10.0km az=113.0

IDC 22 08:13:21.4.2.0.16.14S:69.10W,h196km,9km,mb3.3/3,
mb1 3.4/3,mb1mx3.0/40,mbtpr3.8/3, Error ellipse:
s-maj=80.8km s-min=35.5km az=26.0

ISC 22 08:13:20.1.1.8.16.45S:0.4.69.2W:0.2,h200km,n7,
r098/9,mb3.6/3,1C,Peru-Bolivia border region

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Lists seismic stations and their characteristics for the 22d 8h period.

ISK 22 08:14:51.6.39.01N:42.31E,h5km,ML3.7

CSEM 22 08:14:52.6.0.2.38.99N:42.34E,h2km,ML3.8, Error
ellipse: s-maj=8.8km s-min=3.5km az=137.0

DDA 22 08:14:52.3.39.00N:42.34E,h10km,ML3.8

IDC 22 08:14:52.0.2.4.38.94N:42.22E,h0km,mb3.8/1,
mb1 3.4/5,mb1mx3.1/55,mbtpr3.5/5,ML2.1/3,MS3.0/3,
Ms1 2.9/3,mb1mx2.4/48, Error ellipse: s-maj=36.6km
s-min=12.0km az=170.0

NSSP 22 08:14:56.8.7.38.56N:42.22E,h6km,Ms3.6

AZER 22 08:14:56.8.7.38.56N:42.22E,h6km, Error ellipse:
s-maj=84.2km s-min=51.0km az=126.0

ISC 22 08:14:52.6.1.1.38.98N.0.03:35.75E:0.01,h3km,9km,
n107,r132/156,19C-12D,Turkey

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Lists seismic stations and their characteristics for the 22d 8h period.

WEL 22 08:04:36.0.2.43.59S-172.63E,h5km,ML3.7/11,1D,
Error ellipse: s-maj=3.0km s-min=1.1km az=90.0,South
Island

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res, ISC. Lists seismic stations and their characteristics for the 22d 8h period.

Table with columns: MWZ, Station Name, Time, Res, AML, Pn, etc. Includes stations like Matawai, Awhitu Peninsula, Waiheke Island, etc.

BUII 22 08:24:36.5, 20.40S, 168.30E, h10km, mb4.7/18, mb4.9/11, Ms4.8/4, Ms7.4/5

NEIC 22 08:24:37.3, 0.2, 41S, 168.34E, h10km, mb4.9/23, Error ellipse: s-maj=7.2km s-min=7.1km az=147.0

ISC/JB 22 08:24:38.2, 0.3, 20.52S, 168.27E, 0.06, h26km, mb4.8/7, MS3.9/5, Error ellipse: s-maj=8.4km

IDC 22 08:24:39.7, 0.7, 20.63S, 168.31E, h28km, mb3.3/14, mb1.4/5.16, mb1mx4.3/40, mbmp4.5/16, ML3.9/2, MS3.5/5, Ms1.3/5.5, ms1mx3.1/29, Error ellipse: s-maj=21.5km

ISC 22 08:24:39.5, 0.5, 20.66S, 168.35E, 0.08, h26km, n68, s=120/77, mb4.8/37, MS3.9/5, 4C-2D, Loyalty Islands

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

Table with columns: MDJ, Station Name, Time, Res, pP, sP, sS, pmax, etc. Includes stations like Petropavlovsk, GYA, GYA, etc.

MEX 22 08:38.02.0.3, 16.02N-94.78W, h118km, 13km, MD4.1, Oaxaca. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, etc.

WEL 22 08:38.19.9.0.3, 43.58S-172.63E, h5km, ML3.3/5, 1C-1D, Error ellipse: s-maj=5.6km s-min=2.4km az=90.0, South Island. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, etc.

NEIC 22 08:38.32.0, 43.59S, 172.71E, h7km, ML4.1 (WEL), After WEL.

WEL 22 08:38.32.1.0, 43.59S, 172.67E, h5km, ML4.0/25, 3C-3D, Error ellipse: s-maj=1.3km s-min=0.7km az=90.0, South Island.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, etc. Includes stations like Canterbury Las, McQueen's Vall, Oxford, etc.

22d 9h

Table with columns: WHZ, Wether Hill Ro, 4.07 234, AML, AML, 08 40 45.3, etc.

CSEM 22 08:41:34.5, 42:59N, 12:71E, h6km, MD2.1/12 ROM 22 08:41:34.5, 0.1, 42:59N, 12:71E, h6km, 1km, MD2.1/12, M1.7/8, Error ellipse: s-maj=1.8km s-min=1.0km az=23.0, Central Italy

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

NEIC 22 08:46:09.2, 37:16N, 117:38W, h12km, ML3.1, (REN), After REN.

ISC 22 08:46:09.0, 0.9, 37:16N, 117:35W, 0.02, h11km, 8km, n32, c0.91/63, California-Neveda border region

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

2011 FEB

Table with columns: GSC, Goldstone, Bar, 1.91 167, Pn, Pn, 08 46 41.7 +0.2, etc.

IDC 22 08:56:39.5, 72.9, 0, 48:63N, 52:80E, h0km, Error ellipse: s-maj=352.6km s-min=89.0km az=60.0, Western Kazakhstan

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

WEL 22 08:58:51.7, 0.1, 43:59S, 172:69E, h8km, ML3.7/15.3C-3D, Error ellipse: s-maj=1.6km s-min=0.8km az=90.0, South Island

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

ISCJB 22 08:59:49.4, 1.6, 22:7N, 0:2, 11:5W, 0.2, h10km, mb3.6/3, Error ellipse: s-maj=36.0km s-min=13.0km az=148.5

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

AZER 22 09:08:13.9, 9.2, 39:88N, 40:96E, h5km, Error ellipse: s-maj=33.7km s-min=20.5km az=90.0

NEIC 22 09:08:14.6, 38:99N, 42:31E, h5km, mb4.4/13, ML4.4(SK), After ISK.

ISC 22 09:08:14.6, 38:99N, 42:31E, h5km, ML4.4 CSEM 22 09:08:16.4, 0.1, 38:97N, 42:36E, h2km, mb4.4/9, Error ellipse: s-maj=3.5km s-min=3.2km az=174.0

MOS 22 09:08:16.9, 1.5, 39:04N, 42:22E, h9km, mb4.5/20, Error ellipse: s-maj=6.3km s-min=4.2km az=88.5

DDA 22 09:08:16.4, 39:00N, 42:36E, h8km, ML4.3 NSP 22 09:08:19.2, 38:98N, 42:50E, h7km, Ms4.4

TEH 22 09:08:19.0, 38:93N, 42:14E, h10km, ML4.5 BUI 22 09:08:20.0, 39:00N, 42:40E, h8km, mb4.5/21, mb4.9/15, Ms4.5/7, Ms7 4/2/7

ISC 22 09:08:32.7, 1.7, 37:96N, 42:40E, h5km, 6km, ML4.4 ISC 22 09:08:17.2, 0.6, 38:99N, 40:01, 42:31E, 0.01, h6km, 3km, n349, c1.91/390, mb4.4/53, MS4.1/3, 50C-29D, Turkey

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

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like KWP, KECS, PKSM, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like CLL, MOTA, FETA, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like ULN, LZH, BOD, etc.

CSEM 22 09:13:06.40.2, 39:00N-42:27E, h12km, MD3.2, Error ellipse: s-maj=4.0km s-min=3.6km az=127.0

Table with columns: Code, Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like EKAR, EDMA, etc.

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

Technical notes and coordinates for stations:
IDC 22 09:16:06.6:0.8,39:04N:42:24E,h0km,mb3.8/13,mb1 3.9/19,mb1mx3.7/59,mbtmp3.8/19,ML3.2/6,MS3.2/2,Ms1 3.2/2,ms1mx2.8/56,Error ellipse: s-maj=18.6km s-min=10.2km az=166.0
NEIC 22 09:16:06.0:0.8,38:99N:42:32E,h5km,ML4.3(ISK),After ISK
DDA 22 09:16:06.8:3.0,38:00N:42:37E,h2km,ML4.2
ISK 22 09:16:06.1:38:09N:42:32E,h5km,ML4.3
NSSP 22 09:16:07.3:39:02N:42:53E,h5km,Ms4.0
CSEM 22 09:16:07.1:0.1,38:98N:42:34E,h2km,mb4.1/4,Error ellipse: s-maj=3.6km s-min=3.2km az=137.0
ISN 22 09:16:08.3:0.3,38:54N:42:63E,h5km,ML4.3
MOS 22 09:16:08.7:2.0,39:03N:42:28E,h12km,mb4.1/7,Error ellipse: s-maj=10.1km s-min=5.4km az=81.0
AZER 22 09:16:14.6:0.6,39:31N:41:88E,h25km,Error ellipse: s-maj=6.7km s-min=3.9km az=4.0
ISC 22 09:16:06.9:0.5,38:99N:0:01:42:37E:0:01,h9km,3km, n236,e19:65/288,mb3.9/19,50C-32D,Turkey

Main table of station data with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters.

Main table of station data with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters.

Main table of station data with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters.

Table with columns: WRA, YKA, FINES, Warramunga Arr, Yellowknife Ar, FINES Array B. Includes station names, coordinates, and times.

ADC 22 09:25:47.6, 6.36, 93N:141.29E, h0km, mb3.7/4, mb1 3.6/5, mb1mx3.3/44, mbmtmp3.6/5, ML3.1/1, MS3.1/3, Ms1 3.1/3, ms1mx2.5/54, Error ellipse: s-maj=11.89km s-min=40.4km az=143.0

ISCJB 22 09:25:49.6, 1.2, 36.58N:0.05:141.41E:0.09, h33km, mb3.4/4, MS3.6/2, Error ellipse: s-maj=21.0km s-min=6.6km az=25.0

JMA 22 09:25:51.3, 0.1, 36.60N:141.26E, h44km:2km, M3.2, ISC 22 09:25:50.9, 1.8, 36.61N:0.07:141.2E:0.1, h33km, n23, 01940/23, mb3.5/4, 3D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Hitachi, Iwakimizuishiy, Kawachi, etc.

ADC 22 09:30:55.2, 2.4, 101.69S:117.41E, h0km, mb3.6/3, mb1 3.6/4, mb1mx3.4/35, mbmtmp3.5/4, ML3.5/1, Error ellipse: s-maj=119.9km s-min=24.7km az=49.0

ISCJB 22 09:30:56.4, 0.8, 11.28S:0.05:116.79E:0.06, h33km, mb3.9/2, Error ellipse: s-maj=9.2km s-min=6.6km az=138.1

DJA 22 09:31:01.7, 1.5, 11.5:12.1x11.7E, h12km:21km, M4.1/4, mb4.2/1, MLV4.0/4

ISC 22 09:30:58.2, 1.2, 11.30S:0.10:116.74E:0.07, h35km, n18, 01508/19, South of Sumbawa

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Taliwang, Zalesovo Beam, Makanchi Array, etc.

ADC 22 09:32:25.9, 4.1, 23.18N:108.62W, h0km, mb3.3/3, mb1 3.6/7, mb1mx3.5/34, mbmtmp3.2/7, ML3.4/4, MS2.9/3, Ms1 2.9/3, ms1mx2.8/11, Error ellipse: s-maj=70.8km s-min=26.6km az=5.0

ISC 22 09:32:32.1, 1.0, 23.7N:0.1x108.95W:0.04, h10km, n13, 02559/15, mb3.4/3, Gulf of California

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Sierra La Lagu, La Paz, Mazatlan, etc.

Table with columns: ILAR, Eielson Array. Includes station name, coordinates, and times.

MEX 22 09:32:40.2, 0.9, 23.390N:109.23W, h13km, MD4.1, IDC 22 09:32:51.1, 6.7, 23.390N:108.63W, h0km, mb3.5/3, mb1 3.7/7, mb1mx3.6/34, mbmtmp3.3/7, ML3.5/4, Error ellipse: s-maj=106.1km s-min=48.8km az=176.0

ISCJB 22 09:33:02.5, 1.4, 23.7N:0.1x108.51W:0.07, h10km, mb3.8/7, Error ellipse: s-maj=20.7km s-min=6.4km az=25.5

NEIC 22 09:33:03.8, 1.5, 23.60N:108.58W, h10km, mb4.0/17, Error ellipse: s-maj=21.2km s-min=8.6km az=201.0

ISC 22 09:33:03.4, 2.6, 23.60N:0.2x108.6W:0.1, h10km, n52, 02591/43, mb3.9/7, Gulf of California

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like La Paz, Zacatecas, Lajitas Ar, etc.

JMA 22 09:38:02.9, 0.6, 31.18N:138.40E, h422km, M3.5, ISCJB 22 09:38:03.6, 0.5, 31.48N:0.05:138.54E:0.08, h450km, mb3.5/12, Error ellipse: s-maj=9.9km s-min=6.0km az=17.6

IDC 22 09:38:04.5, 1.0, 31.39N:138.24E, h423km, 12km, mb3.2/12, mb1 3.2/18, mb1mx3.0/51, mbmtmp4.0/18, Error ellipse: s-maj=29.3km s-min=12.9km az=68.0

ISC 22 09:38:04.2, 0.9, 31.36N:0.09:138.49E:0.10, h450km, n35, 01940/41, mb3.3/12, Southeast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Hachiojima 2, Kozaga, etc.

JMA 22 09:38:04.5, 1.0, 31.39N:138.24E, h423km, 12km, mb3.2/12, mb1 3.2/18, mb1mx3.0/51, mbmtmp4.0/18, Error ellipse: s-maj=29.3km s-min=12.9km az=68.0

ISC 22 09:38:04.2, 0.9, 31.36N:0.09:138.49E:0.10, h450km, n35, 01940/41, mb3.3/12, Southeast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Hachiojima 2, Kozaga, etc.

JMA 22 09:45:44.7, 38.99N:42.33E, h5km, ML3.2, DDA 22 09:45:45.8, 38.97N:42.34E, h13km, MD3.4, CSEM 22 09:45:46.6, 0.2, 38.96N:42.34E, h10km, MD3.4, Error ellipse: s-maj=5.5km s-min=4.8km az=108.0

NSSP 22 09:45:50.4, 38.97N:42.40E, h27km, Ms3.6, ISC 22 09:45:46.4, 1.1, 38.97N:0.02:42.32E:0.02, h3km:10km, n62, 02590/88, 3C, Turkey

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

Table with columns: MKAR, NRIK, WRA, Makanchi Array, Nori'sk, Warramunga Arr. Includes station names, coordinates, and times.

Table with columns: BVAR, ASAR, AKTO, ARCES, FINES, Malin Array Be, Keskin Array B. Includes station names, coordinates, and times.

DHMR 22 09:40:34.1, 1.3, 12.22N:44.01E, h6km:28km, ML3.6, 1C, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Aden, Al Udayn, Al Bayda, Dhamar BB.

WEL 22 09:40:40.3, 0.1, 43.59S:172.60E, h5km, ML3.6/12, 1C, Error ellipse: s-maj=1.7km s-min=0.8km az=90.0, South

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Canterbury Las, McQueen's Vall, Oxford, etc.

WEL 22 09:43:03.8, 0.1, 43.59S:172.66E, h7km, ML3.5/12, 2C-1D, Error ellipse: s-maj=1.9km s-min=0.9km az=90.0, South Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Canterbury Las, McQueen's Vall, Oxford, etc.

ISK 22 09:45:44.7, 38.99N:42.33E, h5km, ML3.2, DDA 22 09:45:45.8, 38.97N:42.34E, h13km, MD3.4, CSEM 22 09:45:46.6, 0.2, 38.96N:42.34E, h10km, MD3.4, Error ellipse: s-maj=5.5km s-min=4.8km az=108.0

NSSP 22 09:45:50.4, 38.97N:42.40E, h27km, Ms3.6, ISC 22 09:45:46.4, 1.1, 38.97N:0.02:42.32E:0.02, h3km:10km, n62, 02590/88, 3C, Turkey

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like WRTE Varto-Mus, AGRB Hanur-Agry, GEVA Gevas, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like CRLZ Canterbury Las, MCQueen's Vall, Oxford, Lake Taylor, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like YUK, comp=N,58nm,0.3s, YUK, comp=E,82nm,0.3s, etc.

ISCJB 22 09:49:09.9:0.6,36:39N,0:03:25:37E,0:07,h4km,5km, Error ellipse: s-maj=9.7km s-min=4.5km az=161.7

CSEM 22 09:49:09.7:0.2,36:37N,25:36E,h5km,ML2.9, Error ellipse: s-maj=11.1km s-min=5.3km az=80.0

ATH 22 09:49:09.7,36:39N,25:36E,h10km,ML2.1/3, Error ellipse: s-maj=2.1km s-min=1.1km az=96.0, Analyst: F.Halaris ML Amplitudes are expressed in micrometres All distances are expressed in km

THE 22 09:49:10.1,36:41N,25:40E,h4km,1km,ML2.9/2, Error ellipse: s-maj=1.5km s-min=0.4km az=211.0

ISC 22 09:49:09.8:0.9,36:38N,0:03:25:38E,0:04,h9km,4km,n34,0:56/46,Dodecanese Islands

NIED 22 09:53:00,38:20N,143:50E,h17km,Mw5.0 Best double couple: M=4.07000x1016 NP1:2219.00000, 335.00000, 1.120.00000, NP2:4.00000, 860.00000, 1.71.00000

ICD 22 09:53:33.4:0.4,38:18N,143:30E,h0km,mb4.4/36, mb1 4.5/43, mb1mx4.4/67, mb1mp4.4/43, ML3.7/5, MS4.5/37, Ms1 4.5/37, ms1mx4.4/54, Error ellipse: s-maj=12.5km s-min=10.4km az=106.0

JMA 22 09:53:34.3:0.1,38:19N,143:48E,h36km,MS.2, JMA Felt J1, BUJ 22 09:53:35.8,38:34N,143:13E,h21km,mb4.9/69,mb5.1/63, Ms5.2/76, Ms7.5/71

ISCJB 22 09:53:36.1:0.7,38:29N,0:02:143:19E,0:02,h19km,5km, mb4.8/222, MS4.8/64, Error ellipse: s-maj=3.9km s-min=2.4km az=148.6

NEIC 22 09:53:39.3:0.6,38:23N,143:17E,h32km,4km,mb4.9/140, Error ellipse: s-maj=5.0km s-min=3.2km az=150.0

NEIC Recorded 1 JMA in Myanmar MOS 22 09:53:39.3:1.2,38:56N,143:07E,h34km,MS.5/278, MS4.9/16, Error ellipse: s-maj=6.1km s-min=4.1km az=96.9

GCMT 22 09:53:39.3:0.2,38:23N,143:49E,h20km,MW5.1/104, Moment Tensor Solution. s59.677; s104.c163; Duration: 0 Moment tensor: scale 1019Nm; Mr3.7/1.18; Mw=0.68/1.10; Ms=3.03/1.11; Ms1.33/2.21; Ms2.1.46/0.6; Ms3.96/2.25; Best double couple: Ms5.59300x1016 NP1:2219.00000, 335.00000, 1.120.00000, NP2: 2211.00000, 321.00000, 1.100.00000 Principal axes: T=5.5990, Plg66.0000, Azm284.0000, N=0.0120, Plg3.0000, Azm22.0000, P=5.5970, Plg24.0000, Azm113.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 22 09:53:38.0:0.4,38:32N,0:04:143:15E,0:03,h26km,2km, h26km:pp-P,n492,0:1945/531,mb4.9/221,MS4.9/64, 27C-5D, Off east coast of Honshu

MDJ Mudanjianj 11.95 306 Pn 09 56 26.9 -0.4 MDJ S P 09 57 38.8 -0.8 MDJ ScP 10 05 44.8 +1.1 MDJ PcS 10 05 48.4 +1.8 MDJ comp=Z,3.0nm,0.7s pmax pmax MDJ comp=Z,270nm,12.1s LR LR MDJ comp=Z,3um,14.3s LR LR MDJ comp=Z,5um,15.2s LR LR MDJ Mudanjianj 11.95 306 ePn Pn 09 56 29.8 +2.5 MDJ Korea Array 12.06 271 Pn Pn 09 57 30.0 +1.1 KRSR comp=0.3nm,0.3s,baz=83,slow=13,SNR=25 LR LR 01 01 05.3

MDJ comp=Z,3um,12.0s MDR USURIYSK 10.24 308 Pn 09 56 04.2 +0.2 MDJ comp=0.6nm,0.3s,baz=117,slow=14,SNR=21 Sn Sn 09 55 55.5 -2.3 MDJ baz=134,slow=25,SNR=1.6 LR LR 10 00 02.1 MDJ comp=Z,3um,18.2s,baz=104,slow=37 UGL Uglegorsk 10.78 356 Pn Pn 09 56 16.0 +4.7 UGL comp=Z,5um,14.0s MDR MLR MLR UGL comp=N,5um,15.0s MDR MLR MLR UGL comp=E,10um,18.0s 11.23 184 Sn 09 58 04.7 -1.7

JCU Chichijima 11.23 184 Sn 09 58 04.7 -1.7 JNU Nakatsue 11.24 246 Pn Pn 09 56 17.4 -0.2 MDJ comp=0.5nm,0.3s,baz=60,slow=7,SNR=9.3 LR LR 10 01 31.6 MDJ comp=E,3um,18.2s,baz=56,slow=42 JNU Nakatsue 11.24 246 ePn Pn 09 56 16.7 -1.0 MDJ HABR Khabarovsk 11.72 333cP Sn Sn 09 56 21.4 -2.8 MDJ HABR comp=N,26nm,2.0s pmax pmax MDJ HABR comp=E,29nm,2.0s pmax pmax MDJ HABR comp=Z,43nm,2.0s MDR MLR MLR MDJ comp=Z,2um,15.0s 11.95 306 Pn Pn 09 56 26.9 -0.4 MDJ MDJ S P 10 05 44.8 +1.1 MDJ MDJ PcS 10 05 48.4 +1.8 MDJ comp=Z,3.0nm,0.7s pmax pmax MDJ comp=Z,270nm,12.1s LR LR MDJ comp=Z,3um,14.3s LR LR MDJ comp=Z,5um,15.2s LR LR MDJ Mudanjianj 11.95 306 ePn Pn 09 56 29.8 +2.5 MDJ Korea Array 12.06 271 Pn Pn 09 57 30.0 +1.1 KRSR comp=0.3nm,0.3s,baz=83,slow=13,SNR=25 LR LR 01 01 05.3 MDJ comp=Z,3um,18.2s,baz=88,slow=37 KS01 Wonju Array Si 12.08 271 ePn Pn 09 56 31.2 +2.0 KS15 Wonju Array Si 12.09 271 ePn Pn 09 56 31.6 +2.3 KSAR Wonju Array Be 12.09 271 Pn Pn 09 56 30.0 +0.7 KSAR Wonju Array Be 12.09 271 Pn Pn 09 56 30.0 +0.7 TYV Tymovskoe 12.54 359 eP Sn 09 56 34.0 -1.4 TYV comp=Z,26nm,1.0s pmax pmax TYV comp=E,2um,13.0s smax smax TYV comp=Z,7um,20.0s MDR MLR MLR TYV comp=N,4um,18.0s 12.71 266 eP Pn 09 56 37.7 +2.0 TNJ Taejon 12.71 266 eP Pn 09 57 03.0 +1.9 CN2 Chanchun 14.42 298 eP Pn 09 57 12.0 +5.1 CN2 comp=N,10.0nm,1.6s pmax pmax CN2 comp=N,200nm,4.0s LR LR CN2 comp=N,3um,14.0s LR LR CN2 comp=N,1um,14.0s LR LR CN2 comp=N,3um,14.0s LR LR CN2 comp=N,3um,15.0s LR LR CN2 comp=N,1um,10.0nm,1.6s pmax pmax CN2 comp=N,2um,15.0s MDR MLR MLR CN2 comp=N,4um,18.0s 12.71 266 eP Pn 09 56 37.7 +2.0 OKH Okha 12.71 266 eP Pn 09 57 03.0 +1.9 OKH comp=E,900nm,10.0s smax smax OKH comp=Z,4um,15.0s smax smax OKH Shenyang 15.38 289 P Pn 09 57 13.8 -0.1 SNY comp=Z,880nm,11.6s LR LR SNY comp=Z,1um,10.0nm,1.6s LR LR SNY comp=Z,4um,12.2s LR LR SNY comp=Z,6um,11.6s LR LR SKR Severo-Kuril's 15.41 33 eP Pn 09 57 11.6 -2.6 DL2 Dalian 16.83 279 P Pn 09 57 32.6 +0.2 DL2 P Pn 09 57 45.0 +0.1 DL2 S Pn 10 00 38.0 -0.6 YUK comp=Z,100nm,1.5s

WEL 22 09:50:33.0:0.2,43:59S,172:63E,h5km,ML3.6/13,1C-1D, Error ellipse: s-maj=3.4km s-min=1.3km az=90.0, South Island

YUK Yuzh-Kuril'sk 6.06 19c Pn 09 55 03.3 -3.3 YUK comp=Z,100nm,1.5s

YUK comp=N,58nm,0.3s pmax pmax YUK comp=E,82nm,0.3s pmax pmax YUK comp=Z,142nm,0.3s smax smax YUK comp=N,1um,0.4s smax smax YUK comp=E,801nm,0.4s MDR MLR MLR YUK comp=N,3um,15.0s MDR MLR MLR YUK comp=E,5um,15.0s MDR MLR MLR SHO Shikotan 6.20 25d P Pn 09 55 05.3 -3.2 SHO S Sn 09 56 09.9 -9.0 SHO pmax pmax SHO comp=Z,149nm,0.5s pmax pmax SHO comp=N,35nm,0.4s pmax pmax SHO comp=E,60nm,0.6s smax smax SHO comp=E,1.0nm,0.5s smax smax SHO comp=N,1.0nm,0.7s smax smax KUR Kuril'sk 7.75 26d P Pn 09 55 27.3 -2.5 KUR S Sn 09 56 50.5 -6.2 KUR pmax pmax KUR comp=N,25nm,0.4s pmax pmax KUR comp=E,15nm,0.4s pmax pmax KUR comp=Z,50nm,0.4s smax smax KUR comp=E,173nm,0.3s smax smax KUR comp=N,187nm,0.4s smax smax KUR comp=N,2um,12.0s MDR MLR MLR KUR comp=Z,3um,12.0s MDR MLR MLR KUR comp=E,3um,16.0s MDR MLR MLR YSS Yuzh-Sakhalins 8.63 358 ePn Pn 09 55 42.9 +1.0 YSS eSn Sn 09 57 19.3 +1.1 YSS Yuzh-Sakhalins 8.63 358 eP Pn 09 55 41.0 0.9 YSS eS Sn 09 57 17.2 -1.1 YSS pmax pmax YSS comp=Z,10.0nm,0.9s MDR MLR MLR YSS comp=Z,3um,12.0s MDR MLR MLR USRK USURIYSK 10.24 308 Pn 09 56 04.2 +0.2 USRK comp=0.6nm,0.3s,baz=117,slow=14,SNR=21 Sn Sn 09 55 55.5 -2.3 USRK baz=134,slow=25,SNR=1.6 LR LR 10 00 02.1 USRK comp=Z,3um,18.2s,baz=104,slow=37 UGL Uglegorsk 10.78 356 Pn Pn 09 56 16.0 +4.7 UGL comp=Z,5um,14.0s MDR MLR MLR UGL comp=N,5um,15.0s MDR MLR MLR UGL comp=E,10um,18.0s 11.23 184 Sn 09 58 04.7 -1.7 JCU Chichijima 11.23 184 Sn 09 58 04.7 -1.7 JNU Nakatsue 11.24 246 Pn Pn 09 56 17.4 -0.2 MDJ comp=0.5nm,0.3s,baz=60,slow=7,SNR=9.3 LR LR 10 01 31.6 MDJ comp=E,3um,18.2s,baz=56,slow=42 JNU Nakatsue 11.24 246 ePn Pn 09 56 16.7 -1.0 MDJ HABR Khabarovsk 11.72 333cP Sn Sn 09 56 21.4 -2.8 MDJ HABR comp=N,26nm,2.0s pmax pmax MDJ HABR comp=E,29nm,2.0s pmax pmax MDJ HABR comp=Z,43nm,2.0s MDR MLR MLR MDJ comp=Z,2um,15.0s 11.95 306 Pn Pn 09 56 26.9 -0.4 MDJ MDJ S P 10 05 44.8 +1.1 MDJ MDJ PcS 10 05 48.4 +1.8 MDJ comp=Z,3.0nm,0.7s pmax pmax MDJ comp=Z,270nm,12.1s LR LR MDJ comp=Z,3um,14.3s LR LR MDJ comp=Z,5um,15.2s LR LR MDJ Mudanjianj 11.95 306 ePn Pn 09 56 29.8 +2.5 MDJ Korea Array 12.06 271 Pn Pn 09 57 30.0 +1.1 KRSR comp=0.3nm,0.3s,baz=83,slow=13,SNR=25 LR LR 01 01 05.3 MDJ comp=Z,3um,18.2s,baz=88,slow=37 KS01 Wonju Array Si 12.08 271 ePn Pn 09 56 31.2 +2.0 KS15 Wonju Array Si 12.09 271 ePn Pn 09 56 31.6 +2.3 KSAR Wonju Array Be 12.09 271 Pn Pn 09 56 30.0 +0.7 KSAR Wonju Array Be 12.09 271 Pn Pn 09 56 30.0 +0.7 TYV Tymovskoe 12.54 359 eP Sn 09 56 34.0 -1.4 TYV comp=Z,26nm,1.0s pmax pmax TYV comp=E,2um,13.0s smax smax TYV comp=Z,7um,20.0s MDR MLR MLR TYV comp=N,4um,18.0s 12.71 266 eP Pn 09 56 37.7 +2.0 TNJ Taejon 12.71 266 eP Pn 09 57 03.0 +1.9 CN2 Chanchun 14.42 298 eP Pn 09 57 12.0 +5.1 CN2 comp=N,10.0nm,1.6s pmax pmax CN2 comp=N,200nm,4.0s LR LR CN2 comp=N,3um,14.0s LR LR CN2 comp=N,1um,14.0s LR LR CN2 comp=N,3um,14.0s LR LR CN2 comp=N,3um,15.0s LR LR CN2 comp=N,1um,10.0nm,1.6s pmax pmax CN2 comp=N,2um,15.0s MDR MLR MLR CN2 comp=N,4um,18.0s 12.71 266 eP Pn 09 56 37.7 +2.0 OKH Okha 12.71 266 eP Pn 09 57 03.0 +1.9 OKH comp=E,900nm,10.0s smax smax OKH comp=Z,4um,15.0s smax smax OKH Shenyang 15.38 289 P Pn 09 57 13.8 -0.1 SNY comp=Z,880nm,11.6s LR LR SNY comp=Z,1um,10.0nm,1.6s LR LR SNY comp=Z,4um,12.2s LR LR SNY comp=Z,6um,11.6s LR LR SKR Severo-Kuril's 15.41 33 eP Pn 09 57 11.6 -2.6 DL2 Dalian 16.83 279 P Pn 09 57 32.6 +0.2 DL2 P Pn 09 57 45.0 +0.1 DL2 S Pn 10 00 38.0 -0.6 YUK comp=Z,100nm,1.5s

22d 10h

Table with columns: ID, Name, Time, Res, and other parameters. Includes entries like Q16A Castle Valley, P18A Preston Nutter, SRU San Rafael Swe, etc.

2011 FEB

Table with columns: ID, Name, Time, Res, and other parameters. Includes entries like KHC comp=Z,4.0nm,1.1s, GEC2 GERRSS Array S, GEC2 GERRSS Array S, etc.

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Table with columns: ID, Name, Time, Res, and other parameters. Includes entries like WEL Wellington, EAZ Earnsclough, EAZ Earnsclough, etc.

IDC 22 10:06:23.2-3.6,53.68N,88.07E,h0km,mb1 2.9/2, mb1mx=2.9/59,mbtmp=2.2,ML2.6 Error ellipse: s-maj=36.2km s-min=18.9km az=87.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and other parameters. Includes entries like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

ISCJB 22 10:06:48.8±0.8,32.30N±0.06:115.32W±0.08,h11km,9km, Error ellipse: s-maj=14.3km s-min=7.3km az=141.5, ECX 22 10:06:49.9±0.7,32.31N±1.15:30W,h6km,MD2.1,ML2.3, MEX 22 10:06:49.1±0.6,32.46N±1.05:108W,h16km,MD2.5, ISC 22 10:06:48.5±1.0,32.30N±0.05:115.35W±0.08, h12km±10km,n10,±08/19/17,1C-2D, California-Baja California border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and other parameters. Includes entries like CPBX Cerro Prieto, CPBX Cerro Prieto, CPBX Cerro Prieto, etc.

ISCJB 22 10:28:27.4±0.5,40.46N±0.03:37.01E±0.03,h0km, Error ellipse: s-maj=4.0km s-min=3.8km az=146.6, ISK 22 10:28:27.2,40.46N±37.03E,h16km,MD2.6, DDA 10:28:27.9,40.45N±37.02E,h7km,MD2.7, Suspected Mining explosion, CSEM 22 10:28:27.4±0.3,40.46N±37.01E,h1km,MD2.6, Error ellipse: s-maj=6.1km s-min=5.2km az=154.0, Suspected Mining explosion, ISC 22 10:28:27.2±0.9,40.45N±0.02:37.04E±0.02,h0km,n26, ±1525/46, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and other parameters. Includes entries like RSDY Resadiye-TOKAT, RSDY Resadiye-TOKAT, RSDY Resadiye-TOKAT, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like EAZ Earnsclough, CAW Cannon Point, TUZ Tuapeka, etc.

DDA 22 12:11:09.9,38.96N,42.39E,h7km,Md2.7
ISC 22 12:11:09.8,3.5,39.0N,0.2,42.36E,0.06,h27km,1.1km,n5,
a1501/10,Turkey

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

WEL 22 12:20:27.9,0.1,43.57S,172.67E,h7km,ML2.6/4,1C-2D,
Error ellipse: s-maj=1.7km s-min=0.7km az=90.0,South
Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CRLZ Canterbury Las, MQZ McQueen's Vall, OXF Oxford, etc.

NEIC 22 12:21:23.5,43.59S,172.70E,h12km,ML3.9(WEL),After
WEL

NEIC Fell at Christchurch
WEL 22 12:21:23.6,0.1,43.60S,172.61E,h5km,1km,ML3.9/21,
1C-1D,Error ellipse: s-maj=2.6km s-min=0.9km az=90.0,
South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CRLZ Canterbury Las, MQZ McQueen's Vall, OXF Oxford, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TCW Tory Channel, BWB Baring Head, BHW Baring Head, etc.

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

CSEM 22 12:35:26.7,0.4,41.56N,36.09E,h5km,MD2.6,Error
ellipse: s-maj=5.9km s-min=5.5km az=11.0

DDA 22 12:35:26.1,41.54N,36.08E,h22km,Md2.6
ISK 22 12:35:26.1,41.53N,36.05E,h6km,MD2.4
ISC 22 12:35:27.2,1.2,41.54N,0.05,36.08E,0.03,h16km,9km,
n16,0558/28,Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SAMS Samsun-Alacam, KVT Kavak, HAVZ Havza, etc.

ISCJB 22 12:35:54.7,0.9,55.0N,0.2,35.5W,0.2,h10km,mb3.4/6,
MS3.4/14,Error ellipse: s-maj=34.5km s-min=17.1km
az=18.5

IDD 22 12:35:55.2,1.1,55.02N,35.44W,h0km,mb3.5/6,
mb1.3/7.6,mb1mx3.4/50,mbtmpr3.5/6,MS3.4/16,
Ms1.3/4/16,ms1mx3.1/41,Error ellipse: s-maj=43.1km
s-min=21.0km az=16.0

ISC 22 12:35:56.6,1.1,55.0N,0.3,35.5W,0.2,h10km,n19,
a142/7,mb3.5/6,MS3.4/14,Reykjanes Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SCHO Schefferville, JMJC Jan Mayen, NOA NORSTAR Array B, etc.

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

ISCJB 22 12:38:32.7,0.5,37.62N,0.07,102.29E,0.09,h10km,
mb3.5/5,Error ellipse: s-maj=13.2km s-min=5.1km
az=138.8

IDD 22 12:38:34.6,1.3,37.72N,102.13E,h0km,mb3.6/7,
mb1.3/8.11,mb1mx3.5/60,mbtmpr3.7/11,ML3.6/4,Error
ellipse: s-maj=25.8km s-min=21.2km az=43.0

BUI 22 12:38:34.3,37.62N,102.25E,h8km,mb3.8,ML3.9/15,
ms3.7/16,ms7.3/5/2

ISC 22 12:38:35.3,0.7,37.63N,0.09,102.20E,0.10,h10km,n16,
a1503/17,mb3.7/5,Gansu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LZH Lanzhou, XAN Xi'an, HHC Hu-ho-hao-te, etc.

MAN 22 12:43:12.3,127.23N,122.05E,h22km,mb4.0,ML2.7,MS2.4,
2D,Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BOAC Boac, SJMP San Jose, GOP Guinayangan, etc.

ISK 22 12:48:21.5,39.12N,42.28E,h5km,MD2.6
CSEM 22 12:48:21.5,0.6,39.01N,42.29E,h5km,MD2.7,Error
ellipse: s-maj=12.9km s-min=11.2km az=126.0

DDA 22 12:48:22.6,39.00N,42.40E,h7km,Md2.7
ISC 22 12:48:21.6,1.2,39.02N,0.04,42.24E,0.06,h3km,15km,
n11,0579/22,Turkey

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

NNC 22 12:50:30.1,4.7,37.34N,71.23E,h0km,mb3.6,mpv3.0,
3C-2D,Error ellipse: s-maj=40.1km s-min=17.3km
az=169.0,Afghanistan-Tajikistan border region

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

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

ISCJB 22 13:00:49.2±0.5, 59.27N±0.04, 153.56W±0.09, h128km, 5km, mb3.1/1, Error ellipse: s-maj=8.6km s-min=4.7km az=35.2

NEIC 22 13:00:50.4, 59.27N, 153.71W, h128km, MG2.8(AEIC), After AEIC, IDC 22 13:00:51.7±1.2, 58.83N±150.62W, h0km, mb3.2/1, mb1.3/3.3, mb1mx3.0/37, mbtmp2.9/3, ML2.6/2, Error ellipse: s-maj=28.8km s-min=12.5km az=117.0

ISC 22 13:00:50.0±1.1, 59.28N±0.04, 153.68W±0.06, h127km, 7km, n43, e190/53, Southern Alaska

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

KDAX 11nm, 0.3s, baz=15, slow=20, SNR=20

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

ISCJB 22 13:00:52.0±0.7, 38.97N±0.03, 42.34E±0.05, h13km, 6km, Error ellipse: s-maj=6.5km s-min=5.6km az=26.1

CSEM 22 13:00:52.0±0.7, 38.97N±0.03, 42.34E±0.05, h13km, MD2.8, Error ellipse: s-maj=7.9km s-min=5.9km az=124.0

ISK 22 13:00:52.6, 39.08N, 42.30E, h4km, MD2.4 DDA 22 13:00:53.1, 39.01N, 42.37E, h7km, MD2.8

ISC 22 13:00:52.3±1.1, 38.97N±0.03, 42.35E±0.04, h21km, 3km, n13, e023/26, Turkey

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

ISCJB 22 13:12:45.9±1.1, 38.87N±0.04, 42.40E±0.06, h63km, 7km, Error ellipse: s-maj=8.7km s-min=6.6km az=35.3

ISK 22 13:12:45.7, 38.89N, 42.37E, h1km, MD2.5 CSEM 22 13:12:46.7±0.4, 38.93N±0.03, 42.37E, h15km, MD2.9, Error ellipse: s-maj=8.0km s-min=5.8km az=125.0

DDA 22 13:12:48.0, 38.98N, 42.29E, h7km, MD2.9 ISC 22 13:12:47.4±1.3, 38.95N±0.04, 42.37E±0.05, h18km, 4km, n14, e085/26, Turkey

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

Table with columns: BTMM, BTMM, Batman, 1.36 220, P, Sg, P, 13 13 33.9, +2.3, 13 13 12.3, -0.1

WEL 22 13:17:32.3±0.3, 37.55S±179.38E, h12km, ML3.5/4, 3C, Error ellipse: s-maj=2.7km s-min=2.2km az=90.0, Off east coast of North Island

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

ISCJB 22 13:18:19.5±0.6, 24.8N±0.1, 92.9E±0.2, h33km, mb3.8/15, Error ellipse: s-maj=26.7km s-min=9.8km az=140.8

ISC 22 13:18:23.1±0.7, 24.85N±92.9E, h48km, 7km, mb3.5/14, mb1.3/5.15, mb1mx3.4/39, mbtmp3.7/15, Error ellipse: s-maj=33.2km s-min=13.8km az=54.0

ISC 22 13:18:22.5±0.7, 25.0N±0.2, 92.9E±0.1, h35km, n17, e151/22, mb3.8/15, India-Bangladesh border region

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

WRA 0.2nm, 0.6s, baz=324, slow=7.4, SNR=5.1 pP 13 28 39.3 +1.8

ASAR 0.1nm, 0.4s, baz=318, slow=6.4, SNR=3.9 p 13 28 42.2 -1.0

ASAR 0.5nm, 0.7s, baz=318, slow=7.0, SNR=3.6 pP 13 28 55.2 +1.3

NOA 0.3nm, 0.6s, baz=321, slow=7.2, SNR=2.2 p 13 28 54.6 -1.1

GERES GERES Array B 64.72 314 P 13 28 57.0 -0.3

TORD Tord Ar. Bea 85.65 282 P 13 30 57.9 -0.3

TORD 0.3nm, 0.5s, baz=54, slow=4.2, SNR=4.7 pP 13 31 12.6 +3.4

ISCJB 22 13:23:59.4±0.6, 38.08N±0.04, 28.97E±0.04, h9km, 6km, Error ellipse: s-maj=6.1km s-min=4.9km az=171.3

CSEM 22 13:23:59.3±0.1, 38.08N±0.04, 28.98E±0.04, h5km, MD2.8, Error ellipse: s-maj=3.1km s-min=1.9km az=148.0

DDA 22 13:23:59.3, 38.07N, 28.96E, h7km, MD2.6 ISK 22 13:23:59.0, 38.10N, 28.98E, h16km, MD2.8

ISC 22 13:23:59.3±0.9, 38.09N±0.03, 28.98E±0.03, h15km, 8km, n19, e030/32, Turkey

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

NEIC 22 13:26:02.5, 43.63S±172.76E, h7km, ML3.9(WEL), After WEL

NEIC Fell in the Christchurch area, WEL 22 13:26:03.6±0.2, 43.59S±172.69E, h9km, ML3.8/17, 1C-2D, Error ellipse: s-maj=2.4km s-min=0.7km az=90.0, South Island

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

Table with columns: CRLZ, McQueen's Vall, 0.12 192, P, AML, P, 13 26 06.9, 13 26 05.2 +0.2

Oxford 0.54 299 P, AML, P, 13 26 14.4 +0.3

Oxford 0.54 299 P, AML, P, 13 26 14.4 +0.3

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

WEL 22 13:26:35.7±0.2, 43.59S±172.64E, h5km, ML3.1/3, 1C, Error ellipse: s-maj=3.9km s-min=1.4km az=90.0, South Island

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

ISC 22 13:31:55.8±1.3, 29.14N±62.06E, h0km, mb3.5/5, mb1.3/7.6, mb1mx3.3/45, mbtmp3.6/6, ML3.2/1, Error ellipse: s-maj=30.7km s-min=26.6km az=129.0, Southwestern Pakistan

WSAR Wadi Sarin 6.63 208 P, Pn, 13 33 36.0 +1.4

WSAR 0.5nm, 0.3s, baz=91, slow=5.9, SNR=10 Sn 13 34 47.7 -3.3

MKAR Makanchi Array 23.66 36 P, P, 13 37 10.4 +1.6

FINES FINESS Array B 40.05 334 P, P, 13 39 31.0 -1.7

GERES GERES Array B 41.61 312 P, P, 13 39 46.3 +0.8

TORD Tord Ar. Bea 57.93 268 P, P, 13 41 50.2 0.0

ASAR 0.5nm, 0.5s, baz=316, slow=5.2, SNR=4.7 P 13 44 11.1 -1.1

WEL 22 13:31:57.0±0.1, 43.59S±172.70E, h7km, ML3.8/15, 1C, Error ellipse: s-maj=1.3km s-min=0.6km az=90.0, South Island

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

McQueen's Vall 0.12 195 AML, P, 13 32 01.7 +0.2

Oxford 0.51 301 P, AML, P, 13 26 45.9 +0.4

Lake Taylor 0.85 341 P, AML, P, 13 27 05.3 -0.5

Canterbury Las 0.06 284 P, P, 13 31 58.7 +0.1

McQueen's Vall 0.12 195 AML, P, 13 32 01.7 +0.2

Oxford 0.55 298 P, AML, P, 13 32 02.3

Lake Taylor 0.86 339 P, AML, P, 13 27 05.3 -0.5

Rata Peaks 1.20 263 P, AML, P, 13 26 25.5 -1.0

Inchbonnie 1.26 313 P, AML, P, 13 26 25.5 -1.0

Tophouse 1.83 5 P, AML, P, 13 26 33.6 -1.8

Denniston Nort 1.96 340 P, AML, P, 13 26 36.0 -1.8

Denniston Nort 1.96 340 P, AML, P, 13 26 36.0 -1.8

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like Fox Glacier, Nelson, TCW, etc.

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

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

AZER 22 13:54:53.9, 1.8, 38.16N, 43.22E, h2km, Error ellipse: s-maj=13.0km s-min=8.5km az=59.0

GLBA 3.34 77 P Sg 13 56 48.6 -0.6

GLBA 3.34 77 P Sg 13 56 48.6 -0.6

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like Pawanui, Vera Road, Pokaka, Wahianoa, Kereru, Black Hill Sta, Whangaeu Hut, Far West T-bar, Tukino, Kahurangi, Ngauruhoe, Oturere, Haha-jima-NKT, Chichijima, Boso, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like Haha-jima-NKT, Chichijima, Boso, etc. Also contains text: MS4.5/18 Error ellipse: s-maj=6.5km s-min=3.8km az=100.9...

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like Yeheng, Yuhf, Pinlang, Palo, Suanglung, Incheon, Ormoc, WAKE ISLAND Hy, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like Ostrava-Krasne, Ojcow, Kraliky, Liptovska Anna, Dobruska-Polom, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like Boso, Boso 4, Kozaga, Hamakita, Odawara 2, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like Roxas, CGP, Musuan, DAV, DAV, KUR, etc.

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

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like JHS, JKE, JOI, JMK, JMS, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like Nanjing, USRK, YSS, etc.

22d 14h

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like GNI, VES, NEY, SBC, AKH, etc.

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Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like ANN, AHD, PFO, PFO, KOPT, etc.

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Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like 214A, C27A, A28A, E26A, G25A, etc.

Table with columns: Station, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, and other details. Includes stations like KDHN, J29A, L28A, etc.

Table with columns: Station, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, and other details. Includes stations like R29A, L32A, EYMN, etc.

Table with columns: Station, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, and other details. Includes stations like WMOK, WMOF, P40A, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes JMA 22 14:12:09.2 to 0.1, 2.637N, 128.97E, h36km, 3km, Ryukyu Islands.

CSEM 22 14:17:07.4 to 0.2, 39.06N, 142.24E, h10km, MD2.8, Error ellipse: s-maj=5.6km s-min=4.0km az=21.0 DDA 22 14:17:07.3, 39.07N-42.24E, h7km, MD2.8 ISK 22 14:17:07.1, 39.06N-42.23E, h3km, MD2.9, ML2.5 ISC 22 14:17:08.1, 0.9, 39.06N-0.03, 142.25E, 0.02, h17km, 7km.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EATA, GEVA, HOMA, VMUR, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TSZ, TSZ, NMEZ, Namu Road, etc.

ISK 22 14:17:38.5, 41.02N, 36.08E, h4km, MD2.5

ISCJB 22 14:17:39.2, 0.5, 41.01N, 0.03, 36.05E, 0.04, h0km, Error ellipse: s-maj=5.0km s-min=3.3km az=143.5

CSEM 22 14:17:39.1, 0.2, 41.00N, 36.04E, h1km, MD2.5, Error ellipse: s-maj=6.0km s-min=4.2km az=49.0, Suspected Mining explosion.

DDA 22 14:17:39.3, 41.01N, 36.09E, h7km, Md2.6, Suspected Mining explosion.

ISC 22 14:17:39.1, 0.8, 41.01N, 0.02, 36.04E, 0.03, h0km, n25, 0.075/41, Turkey

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

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

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

WEL 22 14:29:36.4, 0.1, 43.59S, 172.59E, h5km, ML2.9, 4, 1D, Error ellipse: s-maj=1.1km s-min=0.6km az=90.0, South Island

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

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

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

ISCJB 22 14:30:12.1, 0.6, 43.65S, 0.03, 172.83E, 0.04, h10km, 4km, mb4.4/4, MS3.6/3, Error ellipse: s-maj=6.0km s-min=3.1km az=136.8

NEIC 22 14:30:13.8, 43.63S, 172.73E, h9km, MW4.1, Moment Tensor Solution, s19 Moment tensor: 10515Nm; Mn=0.28; Mw=1.79; Mw=1.51; Mw=1.0; Mw=1.03; Mw=0.47; Best double couple: 0.62, 0.00000+1015 NP1; 0.53, 0.00000-, 0.79, 0.00000-, 12.00000-. NP2=0.62, 0.00000+, 0.78, 0.00000-, 1.169, 0.00000-. Principal axes: T 2.0900, Plg1.0000-, Azm16.0000; N -0.1400, Plg74.0000-, Azm108.0000; P -1.9400, Plg16.0000-, Azm286.0000; After WEL.

ICD 22 14:30:14.2, 1.4, 43.39S, 172.62E, h0km, mb4.2/3, mb1.4/3, mb1mx4.0/25, mbtmp4.2/4, ML3.9/1, MS3.5/4, Ms1.3/5, ms1mx3.2/21 Error ellipse: s-maj=46.0km s-min=13.9km az=157.0

WEL 22 14:30:15.0, 1.0, 43.60S, 172.67E, h3km, 1km, ML4.6/53, Error ellipse: s-maj=1.1km s-min=0.6km az=90.0

WEL Felt in the Canterbury region, maximum reported intensity MM 5.

ISC 22 14:30:13.4, 1.0, 43.62S, 0.04, 172.80E, 0.04, h9km, 6km, n179, 0.15/14/180, mb4.1/4, MS3.6/3, 5C-6D, South Island

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HHC, Hu-ho-hao-te, HHC, Hu-ho-hao-te, etc.

ISC 22 14:32:59.2, 0.7, 16.00S, 73.66W, h65km, 5km, mb3.6/5, mb1.3/8/6, mb1mx3.5/40, mbtmp4.0/6, Error ellipse: s-maj=26.0km s-min=14.2km az=52.0

ISC 22 14:32:58.9, 0.8, 16.0S, 0.1, 73.7W, 0.2, h63km, n20, 0.077/19, mb3.6/4, Near coast of Peru

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like San Ignacio, PTGA, Paso Flores, etc.

WEL 22 14:35:08.3-0.1, 43.595x172.68E, h8km, ML4.0/26, 1C-4D, Error ellipse: s-maj=1.6km s-min=0.7km az=90.0, South Island

Main table listing station names, azimuths, phase IDs, times, and residuals for various stations across the island.

CSEM 22 14:36:04.8-0.3, 39.00N-42.27E, h12km, MD2.7, Error ellipse: s-maj=7.0km s-min=5.0km az=112.0

Table listing station names, azimuths, phase IDs, times, and residuals for stations like Karacoban, Karacoban, etc.

WEL 22 14:36:46.4-0.1, 43.59Sx172.63E, h5km, ML3.0/7, 1C, Error ellipse: s-maj=2.7km s-min=1.1km az=90.0, South Island

Table listing station names, azimuths, phase IDs, times, and residuals for stations like Canterbury Las, McQueen's Vall, etc.

WEL 22 14:37:43.8-0.1, 43.55Sx172.69E, h8km, ML3.8/20, 2C, Error ellipse: s-maj=1.5km s-min=0.6km az=90.0, South Island

Main table listing station names, azimuths, phase IDs, times, and residuals for stations like Canterbury Las, McQueen's Vall, etc.

22d 14h IDC 22 14:39:45.0-0.7, 30.88Sx176.83W, h0km, mb3.2/2, mb1 3.5/2, mb1mx3.4/34, mbtmp3.2/2, Error ellipse: s-maj=297.6km s-min=58.7km az=156.0, Kermadec Islands region

Table listing station names, azimuths, phase IDs, times, and residuals for stations like Alice Springs, Warramunga Arr, etc.

WEL 22 14:41:24.1-0.1, 43.56Sx172.73E, h8km, ML3.7/14, 3C-2D, Error ellipse: s-maj=1.7km s-min=0.9km az=90.0, South Island

Main table listing station names, azimuths, phase IDs, times, and residuals for stations like Canterbury Las, McQueen's Vall, etc.

IDC 22 14:52:59.4-0.8, 49.47Nx155.69E, h0km, mb3.6/8, mb1 3.9/11, mb1mx3.6/53, mbtmp3.6/11, ML3.9/3, Error ellipse: s-maj=21.7km s-min=14.5km az=111.0

Table listing station names, azimuths, phase IDs, times, and residuals for stations like Severo-Kuril's, etc.

MOS 22 14:53:05.2-1.9, 49.49Nx156.67E, h15km, mb4.0/4, Error ellipse: s-maj=16.6km s-min=5.7km az=72.8

Main table listing station names, azimuths, phase IDs, times, and residuals for stations like Severo-Kuril's, etc.

22d 15h

Table with columns: KUR, Kuril'sk, 6.94 237, ePN, Pn, 14 54 47.0 +1.5, 14 56 07.3 +4.2, etc. Includes stations like Kuril'sk, KUR, KBTB, Krutoberegovo, etc.

ICD 22 14:54:14.1, 5.9, 23.65N; 108.69W, h0km, mb3.02, mb1 3.6/6, mb1mx3.5/46, mbtrmp3.2/6, ML3.2/3, Error ellipse: s-maj=94.6km s-min=30.0km az=162.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like La Paz, LPIG, HOE61, etc.

WEL 22 15:00:37.1, 0.1, 43.58S; 172.64E, h4km, ML3.6/15, 3C-3D, Error ellipse: s-maj=1.4km s-min=0.6km az=90.0, South Island

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

WEL 22 15:01:06.5, 0.1, 43.58S; 172.69E, h4km, ML2.8/3, Error ellipse: s-maj=0.9km s-min=0.5km az=90.0, South Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like Canterbury Las, McQueen's Vall, etc.

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Table with columns: MOZ, SG, Sg, 15 01 11.2 +0.4, 15 01 11.3, etc. Includes stations like Oxford, Lake Taylor, etc.

WEL 22 15:06:49.7, 0.2, 43.59S; 172.62E, h5km, ML2.8/4, 2C, Error ellipse: s-maj=3.7km s-min=1.5km az=90.0, South Island

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

WEL 22 15:06:59.3, 0.1, 43.57S; 172.61E, h7km, ML3.7/15, 2C-1D, Error ellipse: s-maj=0.9km s-min=0.5km az=90.0, South Island

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

ICD 22 15:12:15.7, 71.0, 57.81N; 0.27W, h0km, Error ellipse: s-maj=380.9km s-min=208.1km az=113.0, North Sea

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

WEL 22 15:18:22.7, 0.2, 43.55S; 172.70E, h9km, ML3.7/17, 4C-1D, Error ellipse: s-maj=2.5km s-min=1.1km az=90.0, South Island

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

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Table with columns: OZDZ, AML, AML, 15 19 38.9, 15 19 38.9, etc. Includes stations like Fox Glacier, Tuamarina, etc.

MEX 22 15:18:37.0, 0.7, 18.17N; 103.33W, h16km, 6km, MD3.5, Near coast of Michoacan

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

ISK 22 15:23:39.9, 37.87N; 27.34E, h5km, ML3.6, ATH 22 15:23:39.8, 37.87N; 27.34E, h13km, ML3.5/11, Error ellipse: s-maj=2.3km s-min=0.8km az=243.0, Analyst: A.ANDREOU/ML Amplitudes are expressed in micrometres All distances are expressed in km

ICD 22 15:23:39.6, 1.5, 37.76N; 27.34E, h0km, mb3.5/3, mb1 3.5/6, mb1mx3.4/44, mbtrmp3.5/6, ML3.5/3, MS1.9/1, Ms1 1.9/1, ms1mx1.8/45, Error ellipse: s-maj=51.1km s-min=18.0km az=142.0

ISCBJ 22 15:23:40.7, 0.4, 37.87N; 0.02; 27.30E; 0.02, h6km, 3km, mb3.4/3, Error ellipse: s-maj=2.6km s-min=2.5km az=29.4

CSEM 22 15:23:40.9, 0.1, 37.86N; 27.29E, h2km, MD3.4, Error ellipse: s-maj=2.5km s-min=2.2km az=105.0

THE 22 15:23:41.1, 37.87N; 27.26E, h1km, ML3.5/5, Error ellipse: s-maj=1.6km s-min=0.9km az=193.0

DDA 22 15:23:41.3, 37.87N; 27.27E, h2km, MD3.4

ICD 22 15:23:41.2, 0.9, 37.86N; 0.02; 27.29E; 0.01, h9km, 7km, n159, s1902/199, mb3.5/3, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Includes stations like G?zelcam!, SMG, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like AYVA, PRK, APE, SGR, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like BUY, BUV, KDN, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like IDC, WRA, ASAR, etc.

NEIC 22 15:44:48.0, 43:58S:172:66E, h10km, ML4.0(WEL), After WEL

NEIC Felt in the Christchurch area. WEL 22 15:44:48.3-0.1, 43:58S:172:63E, h9km, ML4.0/30, 2C-4D

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Canterbury, McQueen's, etc.

NEIC 22 15:44:48.0, 43:58S:172:66E, h10km, ML4.0(WEL), After WEL

NEIC Felt in the Christchurch area. WEL 22 15:44:48.3-0.1, 43:58S:172:63E, h9km, ML4.0/30, 2C-4D

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Canterbury, McQueen's, etc.

NEIC 22 15:44:48.0, 43:58S:172:66E, h10km, ML4.0(WEL), After WEL

NEIC Felt in the Christchurch area. WEL 22 15:44:48.3-0.1, 43:58S:172:63E, h9km, ML4.0/30, 2C-4D

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Canterbury, McQueen's, etc.

NEIC 22 15:44:48.0, 43:58S:172:66E, h10km, ML4.0(WEL), After WEL

NEIC Felt in the Christchurch area. WEL 22 15:44:48.3-0.1, 43:58S:172:63E, h9km, ML4.0/30, 2C-4D

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Canterbury, McQueen's, etc.

NEIC 22 15:44:48.0, 43:58S:172:66E, h10km, ML4.0(WEL), After WEL

NEIC Felt in the Christchurch area. WEL 22 15:44:48.3-0.1, 43:58S:172:63E, h9km, ML4.0/30, 2C-4D

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Canterbury, McQueen's, etc.

NEIC 22 15:44:48.0, 43:58S:172:66E, h10km, ML4.0(WEL), After WEL

NEIC Felt in the Christchurch area. WEL 22 15:44:48.3-0.1, 43:58S:172:63E, h9km, ML4.0/30, 2C-4D

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Canterbury, McQueen's, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like SYZ, PRZ, WHZ, etc.

IDC 22 15:45:28.6-5.2, 5:38S:132:09E, h0km, mb3.4/1

mb1 3.3/3, mb1mx3.1/28, mbtmp3.1/3, ML2.9/2, MS3.7/1, Ms1 3.7/1, ms1mx2.5/19, Error ellipse: s-maj=353.8km

ms1-min=12km az=74.0, Aru Island region

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like WRA, ASAR, etc.

IDC 22 15:54:01.3, 3, 6:14S:146:66E, h0km, mb3.5/1

mb1 3.8/3, mb1mx3.3/32, mbtmp3.6/3, ML3.8/1, Error ellipse: s-maj=46.2km s-min=46.2km az=100.0, Eastern New Guinea region

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like PMG, WRA, ASAR, etc.

TIR 22 16:02:49.4-5.3, 40:45N:19:61E, h20km, 999km, ML3.1

ATH 22 16:02:56.5, 40:47N:19:56E, h29km, 1km, ML2.4/9, Error ellipse: s-maj=2.1km s-min=0.9km az=284.0, Analyst: A.ANDREOU ML Amplitudes are expressed in micrometres All distances are expressed in km

CSEM 22 16:02:57.0-0.2, 40:47N:19:58E, h15km, ML2.4, Error ellipse: s-maj=4.8km s-min=4.4km az=86.0

ISC 22 16:02:56.8-1.6, 40:47N:0:03, 19:56E, 0.03, h15km, 12km, n26, c047/37, Albania

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like TIR, SCTE, IGT, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MDT Midelt, TORD Torodi Ar. Bea, TORD Torodi Ar. Bea, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CMIG Matias Romero, CMIG Matias Romero, TEIG Tepich, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SKR Severo-Kuril's, SKR Severo-Kuril's, SKR Severo-Kuril's, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PAU Pauzhetka, PAU Pauzhetka, ASAK Asacha, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like RLS Riolos of Patr, RLS Riolos of Patr, PDO Prodromos, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like AMT Artemida-Makis, AMT Artemida-Makis, AMT Artemida-Makis, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like RODI Rodini, RODI Rodini, PYL PYLOS, etc.

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

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BARS Barje, BARS Barje, STON Ston, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LCO Las Campanas, LCO Las Campanas, LSCH La Serena, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res. Rows include RTLS Leoncito, SJA San Juan, AUSP Uspallata, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res. Rows include PLCA Paso Flores, CPUP Villa Florida, LPAZ La Paz, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res. Rows include H1S1 WAKE ISLAND, H1S3 WAKE ISLAND, H1N3 WAKE ISLAND, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res. Rows include EKAR Karacaban, EKAR Karacaban, EKAR Karacaban, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res. Rows include IDC 22 16:53:22.9s, 0.37, 96N, 72.53E, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res. Rows include BTK Batken, OHH Osh, OHH Osh, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res. Rows include ARK Arktik, ARK Arktik, ARK Arktik, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res. Rows include AML Almayashu, ARLS Aral, ARLS Aral, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res. Rows include UCH Uchtor, EK2S Erkin-Say, KZA Kyzart, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res. Rows include TKM2, TKM2, TKM2, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res. Rows include MKAR Makanchi Array, AB31 Akbulak array, AB31 Akbulak array, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res. Rows include CSEM 22 16:51:12.6s, 0.5, 38.96N, 42.44E, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res. Rows include IDC 22 16:53:22.9s, 0.37, 96N, 72.53E, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res. Rows include BTK Batken, OHH Osh, OHH Osh, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res. Rows include ARK Arktik, ARK Arktik, ARK Arktik, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res. Rows include AML Almayashu, ARLS Aral, ARLS Aral, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res. Rows include UCH Uchtor, EK2S Erkin-Say, KZA Kyzart, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res. Rows include UCH Uchtor, EK2S Erkin-Say, KZA Kyzart, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res. Rows include WKZ Wanaka, WKZ Wanaka, WKZ Wanaka, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res. Rows include TRWZ Traveller, TRWZ Traveller, TRWZ Traveller, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res. Rows include MSZ Milford Sound, MSZ Milford Sound, MSZ Milford Sound, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res. Rows include ANWZ Angora Road, ANWZ Angora Road, ANWZ Angora Road, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res. Rows include NWEZ Newall Road, NWEZ Newall Road, NWEZ Newall Road, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res. Rows include PKVZ Pokaka, PKVZ Pokaka, PKVZ Pokaka, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res. Rows include PKVZ Pokaka, PKVZ Pokaka, PKVZ Pokaka, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res. Rows include PKVZ Pokaka, PKVZ Pokaka, PKVZ Pokaka, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res. Rows include PKVZ Pokaka, PKVZ Pokaka, PKVZ Pokaka, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include TWVZ Taurewa, WTVZ West Tongariro, PYZ Puysegge Point, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include WEL 22 17:00:36.9-0.1, Canterbury Lary, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include WEL 22 17:01:02.0-0.1, Canterbury Lary, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include IDC 22 17:01:36.3-2.1, Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include IDC 22 17:08:54.7-3.0, Midelt, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include ASAR Alice Springs, ISCJB 22 17:13:35.2-0.2, LEM Lembang, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include WEL 22 17:00:36.9-0.1, Canterbury Lary, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include WEL 22 17:01:02.0-0.1, Canterbury Lary, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include IDC 22 17:01:36.3-2.1, Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include IDC 22 17:08:54.7-3.0, Midelt, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include SONM 0.4nm,0.5s,baz=175,slow=4.0, USRK Ussuriysk Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include WEL 22 17:00:36.9-0.1, Canterbury Lary, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include WEL 22 17:01:02.0-0.1, Canterbury Lary, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include IDC 22 17:01:36.3-2.1, Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include IDC 22 17:08:54.7-3.0, Midelt, etc.

ATH 22 18:06:57.4, 37'61N-26'63E, h13km, 1km, ML2.5/5, Error ellipse: s-maj=2.4km s-min=1.0km az=130.0, Analyst: A.ANDREOU ML Amplitudes are expressed in

micrometres All distances are expressed in km
ISK 22 18:06:57.2, 37.63N, 26.65E, h2km, MD2.8
CSEM 22 18:06:58.0, 37.62N, 26.61E, h2km, ML2.5, Error

ellipse: s-maj=3.2km s-min=3.0km az=21.0
DDA 22 18:06:59.0, 37.66N, 26.73E, h7km, MD2.9
ISC 22 18:06:57.9, 37.63N, 0.02, 26.62E, 0.02, h7km, 10km,

n46, c0937/67, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Lists various stations like Samos, GZelcam, Izmir, Bodrum, etc.

NSSC 22 18:15:21.4+4.0, 40.41N, 44.78E, h37km, 99gkm, ML4.5
NEIC 22 18:15:52.9, 38.93N, 42.34E, h5km, mb4.5/21, ML4.5(ISK),

After ISK.
DDA 22 18:15:52.9, 38.97N, 42.33E, h4km, ML4.4
TEH 22 18:15:53.0, 38.97N, 42.33E, h4km, ML4.8

MOS 22 18:15:53.9, 1.5, 38.89N, 42.27E, h12km, mb4.6/22, Error
ellipse: s-maj=5.6km s-min=3.8km az=100.1

NSSP 22 18:15:54.0, 38.97N, 42.52E, h5km, Ms4.5
ISK 22 18:15:53.1, 38.93N, 42.29E, h3km, ML4.5

IDC 22 18:15:53.4, 0.5, 39.02N, 42.19E, h0km, mb4.2/28,
mb1 4.3/38, mb1mx3.9/49, Error ellipse: s-maj=11.2km

s-min=7.2km az=160.0
AZER 22 18:15:53.2, 1.4, 38.96N, 41.92E, h2km, Error ellipse:
s-maj=14.2km s-min=9.4km az=74.0

CSEM 22 18:15:54.1, 38.93N, 42.28E, h2km, mb4.6/38, Error
ellipse: s-maj=3.4km s-min=2.7km az=169.0

ISCJB 22 18:15:54.7, 0.1, 38.92N, 0.01, 42.30E, 0.1, h13km,
mb4/90, MS3.9/33, Error ellipse: s-maj=1.9km

s-min=1.6km az=164.5
BUJ 22 18:15:55.0, 39.00N, 42.30E, h5km, mb4.4/24, MB4.8/10,
Ms4.6/7, Ms7.4/7.4

ISCN 22 18:16:05.7, 1.4, 37.95N, 42.53E, h4km, 5km, ML4.5
ISC 22 18:15:54.1, 0.6, 38.95N, 0.01, 42.32E, 0.01, h4km, 5km,

h3km, p-P, n604, c1871/642, mb4.5/81, MS3.9/33, 52C-56D,
Turkey

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Lists stations like Karacaban, Tatvan, Tutak, Varto-Mus, etc.

Table with columns: EATA, ELESKIRT, EVAN, etc. Lists stations like ELESKIRT, EVAN, VAN, etc.

Table with columns: TBLG, DELISI, ESPY, etc. Lists stations like TBLG, DELISI, ESPY, etc.

22D 20h

2011 FEB

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Table with columns for event name, time, status, location, and various codes. Includes entries like PTL Penteli, SKIA Skiathos, ATHU Athens Unvers, PAIG Paliouri, and many others.

ARR	Arges	6.52 358 fP	Pn	20 38 37.5 -1.4
BAI	Bar	6.58 293 ePn	Pn	20 38 38.4 -1.2
LOT	Petru	6.65 393 fP	Pn	20 38 39.8 -1.0
MLR	Muntele Rosu	6.65 353 fP	Pn	20 38 39.8 -1.0
MLR	Muntele Rosu	baz=19,slow=9.1	Pn	20 38 41.2 +0.1
GRER		6.68 61 fP	Pn	20 38 41.3 +0.1
GRER		6.70 12 fP	Pn	20 38 41.3 +0.1
GRER		6.70 12 fP	Pn	20 38 41.3 +0.1
GZR	Gura Zlata	6.73 347 fP	Pn	20 38 40.8 -1.0
GZR	Gura Zlata	6.73 347 fP	Pn	20 38 40.8 -1.0
CFR	Carcaliu	6.76 20 fP	Pn	20 38 41.0 -1.1
CFR	Carcaliu	6.76 20 fP	Pn	20 38 41.0 -1.1
STON	Ston	6.79 309 P	Pn	20 38 43.6 +1.0
STON	Ston	6.79 309 P	Pn	20 38 43.6 +1.0
BRTR	Keskin Array B	6.82 80 Pn	Pn	20 38 43.5 +0.5
BRTR	comp=Z,4.9nm,0.3s,baz=259,slow=12,SNR=120			20 40 43.0
BRTR	baz=270,slow=21,SNR=4.3			
BRTR	comp=Z,288nm,19.6s,baz=229,slow=36			20 41 24.2
HAPS	Han Pijesak,BI	6.89 321 eP	Pn	20 38 44.1 0.0
TLCR		6.96 23 fP	Pn	20 38 43.0 -1.9
TLCR		6.96 23 fP	Pn	20 38 43.0 -1.9
TEKS	Tekeris	6.98 326 fP	Pn	20 38 45.3 +0.1
CDT	Castel del Mon	7.01 291 fPn	Pn	20 38 45.7 +0.1
PETR	Petresti	7.08 13 fP	Pn	20 38 47.2 +0.7
PETR	Petresti	7.08 13 fP	Pn	20 38 47.2 +0.7
PLOP	Plostina	7.12 10 fP	Pn	20 38 47.4 +0.3
PLOP	Plostina	7.12 10 fP	Pn	20 38 47.4 +0.3
DOPR	Dopca	7.12 3 fP	Pn	20 38 46.4 -0.8
DOPR	Dopca	7.12 3 fP	Pn	20 38 46.4 -0.8
VRI	Vrincioia	7.14 10 fP	Pn	20 38 47.2 -0.2
VRI	Vrincioia	7.14 10 S	Sg	20 41 01.2 +1.0
VRI	Vrincioia	7.14 10 fP	Pn	20 38 47.2 -0.2
CUC	Castrocuoco	7.15 282 ePn	Pn	20 38 47.9 +0.4
CUC	comp=Z,3.5nm,0.6s			
CUC	comp=Z,3.4nm,0.6s			
DEV	Deva	7.19 349 fP	Pn	20 38 48.3 +0.3
DEV	Deva	7.19 349 fP	Pn	20 38 48.3 +0.3
BZV	Buzias	7.20 341 S	Sg	20 38 46.3 +1.3
BZV	Buzias	7.20 341 S	Sg	20 40 54.2 +0.7
BZS	Buzias	7.20 341 fP	Pn	20 38 46.8 -1.3
MDB	Medias	7.20 357 fP	Pn	20 38 50.3 +0.7
MDB	Medias	7.20 357 fP	Pn	20 38 50.3 +0.7
FGSL	Fruska Gora	7.37 331 ePn	Pn	20 38 49.8 -0.7
MS1	Monte Sant'Ang	7.44 21 fP	Pn	20 38 55.4 -0.9
TESR	Tescani	7.76 9 fP	Pn	20 38 56.4 +0.5
TESR	Tescani	7.76 9 fP	Pn	20 38 56.4 +0.5
CSS	Mathiatis	7.77 117 ePn	Pn	20 38 57.6 +1.6
CSS	Mathiatis	7.77 117 ePn	Pn	20 38 57.6 +1.6
SIRR	Siria	7.80 343 fP	Pn	20 38 55.4 -1.0
SIRR	Siria	7.80 343 fP	Pn	20 38 55.4 -1.0
JOSR	Joseni	7.87 3 fP	Pn	20 38 56.6 -0.8
JOSR	Joseni	7.87 3 fP	Pn	20 38 56.6 -0.8
CJR	Cluj-Napoca	7.92 353 fP	Pn	20 38 58.3 +0.2
CJR	Cluj-Napoca	7.92 353 fP	Pn	20 38 58.3 +0.2
DRGR		8.11 349 fP	Pn	20 39 07.4 +6.7
DRGR		8.11 349 fP	Pn	20 39 07.4 +6.7
GIRR	Girov	8.19 8 fP	Pn	20 39 01.1 -0.6
GIRR	Girov	8.19 8 fP	Pn	20 39 01.1 -0.6
ARCR	ARCALIA	8.24 357 fP	Pn	20 39 03.2 +0.7
ARCR	ARCALIA	8.24 357 fP	Pn	20 39 03.2 +0.7
BLV	Banja Luka	8.26 214 eP	Pn	20 39 04.1 +1.3
VAE	Valungarnea	8.39 264 Pn	Pn	20 39 08.4 +3.7
VAE	comp=Z,0.9nm,0.3s,baz=83,slow=4.8,SNR=4.1			
MILM	Milestii Mici	8.56 18 fP	Pn	20 39 06.1 -0.6
MILM	Milestii Mici	8.56 18 fP	Pn	20 39 06.1 -0.6
KIS	Kishinev	8.63 18 eP	MLR	20 42 44.0
KIS	comp=Z,700nm,12.0s			
KIS	Kishinev	8.63 18 eP	Pn	20 39 10.0 +2.2
KIS	comp=Z,700nm,12.0s			
KIS	comp=Z,600nm,15.0s			
SEV	Sevastopol'	8.67 46 eP	Pn	20 39 05.2 -3.1
SEV	Sevastopol'	8.67 46 eP	Pn	20 39 05.2 -3.1
PKSM	Boca	8.69 335 ePn	Pn	20 39 07.4 -1.2
PKSM	Moragy	8.70 330 fP	Pn	20 39 07.8 -0.9
PKSM	Moragy	8.70 330 eP	Pn	20 39 07.5 -1.2
BURAR	Bucovina Array	8.77 1 fP	Pn	20 39 09.8 0.0
BURAR	Bucovina Array	8.77 1 fP	Pn	20 39 09.8 0.0
BMR	Baia Mare	8.88 354 fP	Pn	20 39 10.7 -0.6
BMR	Baia Mare	8.88 354 fP	Pn	20 39 10.7 -0.6
UDBI	Udbina	8.90 313 P	Pn	20 39 13.1 +1.6
UDBI	Udbina	8.90 313 P	Pn	20 39 13.1 +1.6
SIM	Simferopol'	9.17 45 eP	Pn	20 39 14.2 -1.0
SIM	Simferopol'	9.17 45 eP	Pn	20 39 14.2 -1.0
SUDU	Sudak	9.63 48 eP	Pn	20 39 21.6 0.0
SUDU	Sudak	9.63 48 eP	Pn	20 39 21.6 0.0
BEHE	Becsehely	9.69 324 eP	Pn	20 39 23.3 +0.9
PSZ	Piszkesteto	9.78 340 eP	Pn	20 39 21.7 -1.9
PSZ	Piszkesteto	9.78 340 eP	Pn	20 39 21.7 -1.9
PSZ	Piszkesteto	9.78 340 eP	Pn	20 39 21.7 -1.9
BOJS	Bojanci	9.78 316 Pn	Pn	20 39 25.2 +1.6
BOJS	Bojanci	9.78 316 Pn	Pn	20 39 25.2 +1.6
CRES	Cresnjevi	9.88 318 Pn	Pn	20 39 25.7 +0.7
CRES	Cresnjevi	9.88 318 Pn	Pn	20 39 25.7 +0.7
UZH	Uzhgorod	9.96 350 eP	Pn	20 39 31.4 +5.4
UZH	Uzhgorod	10.09 343 eP	Pn	20 39 28.3 -0.4
KECS	Kecovo	10.15 343 ePn	Pn	20 39 28.3 -0.4
KECS	Kecovo	10.15 343 ePn	Pn	20 39 28.3 -0.4
VISS	Visnje	10.20 316 ePn	Pn	20 39 30.4 +1.1
VISS	Visnje	10.20 316 ePn	Pn	20 39 30.4 +1.1
KOLS	Kolonice sedl	10.26 350 ePn	Pn	20 39 29.7 -0.5
KOLS	Kolonice sedl	10.26 350 ePn	Pn	20 39 29.7 -0.5
KOLS	Kolonice sedl	10.26 350 eP	Pn	20 39 29.7 -0.5
MMAI	Mount Meron Ar	10.29 121 Pn	Pn	20 39 29.9 -0.8
MMAI	comp=Z,3.1nm,0.3s,baz=12,SNR=16			
CRVS	Cervenak Dubn	10.36 347 ePn	Pn	20 39 30.7 -0.8
CRVS	Cervenica-Dubn	10.36 347 ePn	Pn	20 39 30.7 -0.8
CRVS	Cervenica-Dubn	10.36 347 ePn	Pn	20 39 30.7 -0.8
VYHS	Vyhne	10.60 337 ePn	Pn	20 39 34.6 -0.2
VYHS	Vyhne	10.60 337 ePn	Pn	20 39 34.6 -0.2
VYHS	Vyhne	10.60 337 ePn	Pn	20 39 34.6 -0.2
PERS	Pernice	10.61 320 Pn	Pn	20 39 36.2 +1.3
PERS	Pernice	10.61 320 Pn	Pn	20 39 36.2 +1.3
SOKA	Soboth	10.68 320 fP	Pn	20 39 37.0 +1.1
SOKA	Soboth	10.68 320 Pn	Pn	20 39 36.9 +1.0
JAVS	Javornik	10.68 315 Pn	Pn	20 39 39.4 +1.7
OBKA	Obir	10.81 318 Pn	Pn	20 39 39.4 +1.7
OBKA	Obir	10.81 318 Pn	Pn	20 39 39.4 +1.7
ARSA	Arzberg	10.85 324 fPn	Pn	20 39 39.8 +1.6
ARSA	Arzberg	10.85 324 fPn	Pn	20 39 39.8 +1.6
STHS	Stebnicka Huta	10.89 347 ePn	Pn	20 39 40.4 +1.6
STHS	Stebnicka Huta	10.89 347 ePn	Pn	20 39 40.4 +1.6
NIE	Niedzica	11.08 344 eP	Pn	20 39 44.4 +3.1
NIE	Niedzica	11.08 344 eP	Pn	20 39 44.4 +3.1
CONA	Conrad Observa	11.21 327 Pn	Pn	20 39 43.8 +0.6
CONA	Conrad Observa	11.21 327 Pn	Pn	20 39 43.8 +0.6
KBA	Koelnbreinsper	11.81 318 Pn	Pn	20 39 51.4 -0.1
KBA	Koelnbreinsper	11.81 318 Pn	Pn	20 39 51.4 -0.1
KBA	Koelnbreinsper	11.81 318 Pn	Pn	20 39 53.5 +2.0
KBA	Koelnbreinsper	11.81 318 Pn	Pn	20 39 53.5 +2.0
MOA	Molin	11.89 323 fPn	Pn	20 39 53.9 +1.7
MOA	Molin	11.89 323 Pn	Pn	20 39 55.4 +2.3
OJC	Ojcov	12.01 344 P	Pn	20 46 10.0
OKC	Ostrava-Krasne	12.04 338 AMS	AMS	20 46 10.0
OKC	comp=Z,700nm,7.4s			
VRAC	Vranov	12.04 333 LR	LR	20 45 03.7
VRAC	comp=Z,134nm,20.3s,baz=153,slow=40			
ABTA	Abfaltersbach	12.05 315 fPn	Pn	20 39 54.6 -0.1
ABTA	Abfaltersbach	12.05 315 Pn	Pn	20 39 54.6 -0.1
VLC	Villacolumand	12.12 301 Pn	Pn	20 39 49.0 -5.6
MORC	Moravsky Berou	12.13 337 fPn	Pn	20 39 58.9 +3.2
MORC	Moravsky Berou	12.13 337 ePn	Pn	20 39 58.9 +3.2
KIEV	Kiev	12.23 13 P	Pn	20 39 57.0 0.0
KIEV	Kiev	12.23 13 P	Pn	20 39 57.0 0.0
AKASG	Malin Array Be	12.24 13 Pn	Pn	20 39 54.8 -2.3
AKASG	comp=Z,1.1nm,0.3s,baz=205,slow=12,SNR=6.6			
EIL	Elat	12.34 135 Pn	Pn	20 39 57.2 -1.5
EIL	comp=Z,0.8nm,0.3s,baz=336,slow=17,SNR=10			

EIL		LR	LR	20 46 56.9
HOLS	comp=Z,92nm,19.7s,baz=317,slow=48			
KEST	12.69 136 P	Pn		20 40 00.9 -2.6
KEST	12.79 261 LR	LR		20 40 06.8
HAOS	comp=Z,131nm,21.4s,baz=348,slow=43			
HAOS	12.81 137 S	Pn		20 40 05.4 +0.3
HAOS	12.81 137 P	Pn		20 40 01.7 -3.4
GERES	GERES Array B	12.85 325 Pn	Pn	20 40 05.2 -0.4
GERES	comp=Z,0.3nm,0.3s,baz=151,slow=13,SNR=14			
GERES	comp=Z,1.77nm,19.1s,baz=150,slow=42			
DPC	Dobruska-Polom	13.02 335 AMS	AMS	20 46 00.3
DPC	comp=Z,700nm,7.0s			
KHC	Kasperske Hory	13.12 325 eP	Pn	20 40 10.4 +1.2
KHC	KHC	ex	x	20 40 14.5
KHC	KHC	ex	x	20 40 29.0
KHC	KHC	AMS	AMS	20 45 30.0
KHC	comp=Z,500nm,7.6s			
KHC	Kasperske Hory	13.12 325 ePn	Pn	20 40 10.4 +1.2
KHC	Kasperske Hory	13.12 325 ePn	Pn	20 40 05.2 -4.0
KHC	Kasperske Hory	13.12 325 eP	Pn	20 40 10.4 +1.2
KHC	KHC	MLR	MLR	
GOPC	GO Pecny, Ondr	13.21 330 AMS	AMS	20 46 30.0
GOPC	comp=Z,400nm,8.6s			
UPC	Udice	13.26 334 AMS	AMS	20 46 40.0
UPC	comp=Z,500nm,9.8s			
RSHS		13.35 139 P	Pn	20 40 12.1 -0.3
JLOS		13.37 136 P	Pn	20 40 10.3 -2.5
BRU	Pruhonice	13.37 330 AMS	AMS	20 46 40.0
BRU	comp=Z,500nm,11.7s			
BDAS		13.40 138 P	Pn	20 40 10.8 -2.3
DAVOX	Davos/Dischmat	13.58 311 Pn	Pn	20 40 16.8 +1.1
DAVOX	comp=Z,0.7nm,0.3s,baz=143,slow=12,SNR=8.4			
DAVOX	comp=Z,1.50nm,20.9s,baz=118,slow=42			
DAVOX	Gergesshubbell	14.30 331 eP	Pn	20 40 33.0 +0.3
DAVOX	comp=Z,3.3nm,0.8s			
BRG		e		20 40 40.5
BRG	comp=Z,4.1nm,0.8s			
BRG	comp=Z,2.62nm,13.5s			
BRG	comp=Z,3.50nm,11.9s			
BRG	comp=Z,5.91nm,7.9s			
BRG	Berggiesshubbell	14.30 331 eP	P	20 40 33.0 +0.3
BRG	comp=Z,3.0nm,0.8s			
BRG	comp=Z,3.0nm,0.8s			
BRG	comp=Z,4.0nm,1.1s			
BRG	comp=N,262nm,13.5s			
BRG	comp=E,350nm,11.8s			
BRG	comp=Z,591nm,7.9s			
BRG	Novy Kostel	14.42 326 AMS	AMS	20 46 40.0
BRG	comp=Z,500nm,9.3s			
ZEI	Tsey	14.89 69 eP	P	20 40 40.2 +0.7
ZEI	Tsey	14.89 69 eP	P	20 40 40.2 +0.7
ZEI	Tsey	14.89 69 eP	P	20 40 40.2 +0.7
BNI	Bardonecchia	14.91 300 Pn	Pn	20 40 33.9 +0.1
BNI	Bardonecchia	14.91 300 Pn	Pn	20 40 33.9 +0.1
BNI	Bardonecchia	14.91 300 Pn	Pn	20 40 33.9 +0.1
BNI	Bardonecchia	14.91 300 Pn	Pn	20 40 33.9 +0.1
BNI	Bardonecchia	14.91 300 Pn	Pn	20 40 33.9 +0.1
SUW	Suwalki	15.22 356 P	P	20 40 43.9 +1.1
SUW	Suwalki	15.22 356 P	P	20 40 43.9 +1.1
GNI	Garni	15.36 79 LR	LR	20 46 39.3
GNI	comp=Z,143nm,21.0s,baz=294,slow=38			
GNI	Garni	15.36 79 Pn	Pn	20 40 44.2 -0.3
GNI	Garni	15.36 79 Pn	Pn	20 40 44.2 -0.3
GNI	Garni	15.36 79 Pn	Pn	20 40 44.2 -0.3
GNI	Garni	15.36 79 Pn	Pn	20 40 44.2 -0.3
GNI	Garni	15.36 79 Pn	Pn	20 40 44.2 -0.3
VSR	Storozhevo	15.91 34 eP	Pn	20 40 45.7 -1.0
VSR	Storozhevo	15.91 34 eP	Pn	20

NNC 22:22:44:00.9:1.2,44.72N:79.49E,h0km,mb2.5,mpv2.4, Error ellipse: s-maj=18.4km s-min=6.4km az=105.0 SOME 22:22:44:01.6,44.73N:79.40E,h5km ISC 22:22:44:01.2,44.73N:0.03:79.43E:0.03,h2km,14km, n19,c0568/37,3C-5D,Eastern Kazakhstan

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h m s, ISC. Rows include DJR Jarkent, KAPS Kaparalasan, TDK Taldyogghan, etc.

ISCJB 22:22:57:25.4:0.5,24.29N:0.05:94.31E:0.04,h91km,6km, mb4.0/25, Error ellipse: s-maj=9.1km s-min=4.1km az=37.1 NEIC 22:22:57:27.2:0.6,24.49N:94.75E,h87km,6km,mb4.0/5, Error ellipse: s-maj=9.1km s-min=5.2km az=58.0 IDC 22:22:57:27.3:0.7,24.47N:94.73E,h87km,6km,mb3.8/20, mb1.9/21,mb1mx3.7/62,mbtmp4.1/21,MS2.9/4, MS1.2/9.4,ms1mx2.5/43, Error ellipse: s-maj=22.1km s-min=11.2km az=57.0 BKK 22:22:57:43.9:8.3,23.1N:57.9E:4.2,h0km,M3.9/7, mb4.1/7,mb4.3/5,MLV4.0/7,Mw(MB)3.4/5 ISC 22:22:57:26.7:0.6,24.35N:0.06:94.33E:0.06,h84km,6km, n61,c205/84,mb4.0/25,Myanmar-India border region

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h m s, ISC. Rows include SHL Shillong, LSA Lhasa, CMAI Chiengmai, etc.

Table with columns: GKN, Gorkha, 9.43 295 ePn Pn, 22 59 40.4 +0.5, 23 01 20.5 -3.8. Rows include PBKT Sadao Pong, KOLN Koldana, KYLT Kholaelam Dam, etc.

ISCJB 22:23:10:05:2.0:7,6.83N:0.04:73.06W:0.06,h162km,6km, Error ellipse: s-maj=9.9km s-min=5.1km az=25.0 RSNC 22:23:10:07.8:1.0,6.79N:73.17W,h147km,7km,ML3.4 FUNV 22:23:10:07.7,6.89N:73.08W,h168km,MW3.2 ISC 22:23:10:04.7:1.5,6.84N:0.04:73.10W:0.06,h167km,6km, n23,c1917/34,3D,Northern Colombia

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h m s, ISC. Rows include BARC Barichara, GIRC Giron, RUSC La Rusia, etc.

ISK 22:23:18:03.7,38.97N:42.35E,h4km,MD2.6 CSEM 22:23:18:04.6:0.3,38.98N:42.30E,h5km,MD2.6, Error ellipse: s-maj=8.8km s-min=5.5km az=119.0 DDA 22:23:18:05.9,39.01N:42.36E,h7km,MD2.6 ISC 22:23:18:05.1:2,38.96N:0.03:42.37E:0.04,h27km,12km, n15,c073/25,Turkey

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h m s, ISC. Rows include EKAR Karacaban, EKAR Karacaban, EKAR Karacaban, etc.

MAN 22:23:22:10,14.06N:120.51E,h123km,mb4.1,ML2.9, MS2.7,1C,Luzon

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h m s, ISC. Rows include PGP Puerto Galera, PGP Puerto Galera, PGP Puerto Galera, etc.

NNC 22:23:51:10.9:2.4,40.13N:73.44E,h0km,mb2.9,mpv2.6, Error ellipse: s-maj=32.0km s-min=7.8km az=139.0 SOME 22:23:51:12.8,40.22N:73.47E,h5km KRNET 22:23:51:12.1:0.1,40.18N:73.48E,h14km,mb2.5 ISC 22:23:51:10.1:1.4,40.18N:0.05:73.50E:0.03,h15km,11km, n23,c1916/43,19C-6D,Kyrgyzstan

Table with columns: Code, Station Name, Az, Phase, ID, Op, ISC, Time, Res, h m s, ISC. Rows include OHH Osh, OHH Osh, OHH Osh, etc.

23d 1h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Canterbury Las, McQueen's Vall, Oxford, Lake Taylor, Rata Peaks, Lake Benmore, Otahua Downs, Quartz Range, Tuapeka.

IDC 23 00:32:09.8-1.1, 50:51Sx115:61E, h0km, mb4.4/4, mb1 4.6/4, mb1mx4.0/29, mbtmp4.4/4, MS3.3/2, Ms1 3.4/2, ms1mx2.8/22, Error ellipse: s-maj=102.3km s-min=22.8km az=121.0, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Cape Leeuwin H, Alice Springs, Mawson, Vanda, Fitzroy Cross, Warramunga Arr, Diego Garcia H, Kapiti Island, Mount Morrison, Otaki Gorge, Mangatainoka R, Mavora Lakes, Tintock, Wether Hill Rr, Deep Cove, Kahui Hut, The Paps, Vera Road, Wahianoa.

IDC 23 00:56:44.3-1.4, 3:19S:139:23E, h0km, mb3.3/2, mb1 3.6/3, mb1mx3.3/31, mbtmp3.5/3, ML3.8/1, Error ellipse: s-maj=36.1km s-min=26.2km az=128.0, Irian Jaya

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

NEIC 23 00:59:17.0, 43:58S:172:66E, h4km, ML4.2(WEL), After WEL

NEIC Feil in Canterbury, WEL 23 00:59:17.2, 0.1, 43:59S:172:65E, h4km, ML4.2/23, 2C-3D, Error ellipse: s-maj=0.8km s-min=0.6km az=90.0, South Island

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Canterbury Las, McQueen's Vall, Oxford, Lake Taylor, Rata Peaks, Waitaha Valley, Tophouse, Denniston Nort, Lake Benmore, Otahua Downs, Fox Glacier, Blackbirch Sta, Nelson, Tory Channel, Highcliff Hill, Baring Head.

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Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like South Karori, Quartz Range, Palliser, Jackson Bay, Wanaka, Moikau Station, Earnsclough, D'Urville Isla, Cannon Point, Traveller, Tuapeka, Kapiti Island, Mount Morrison, Otaki Gorge, Mangatainoka R, Mavora Lakes, Tintock, Wether Hill Rr, Deep Cove, Kahui Hut, The Paps, Vera Road, Wahianoa.

CSEM 23 01:12:46.4-0.1, 43:19N:18:85E, h2km, ML3.1, Error ellipse: s-maj=2.5km s-min=2.1km az=90.0

PDG 23 01:12:46.3-0.2, 43:20N:18:82E, h11km, MD3.2/7, ML3.1/11, Error ellipse: s-maj=0.3km s-min=0.4km az=0.0

BE0 23 01:12:47.3-0.2, 43:15N:18:86E, h0km, M2/8/1, Error ellipse: s-maj=1.2km s-min=0.8km az=118.3, Peninsula Matanuska, Northwestern Balkan

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Unac-Piva, Bratogost, Niksic, Kuzov, Peninsula, Vera Road, Wahianoa, Herceg Novi, Podgorica, Sjenja, Berane, Han Pijesak, Ston, Brajci-Budva, Plav.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Ivanjica, Dracevica, Mon, Peje, Divibare, Divibare, Ulcinj, Ulcinj, Tekeris, Tekeris, Gruza, Gruza, Trudelj, Trudelj, Bijeljina, Dobo, Selova, Selova, Banja Luka, Banja Luka, Banja Luka, Banja Luka, Tirane, Tirane, Svis, Svis, FGSL, FGSL, Fruska Gora, Fruska Gora, Bovan, Bovan, Bovan, Bovan, Kubs, Kucevo, Kubs, Kucevo, OHR, OHR, OHR, OHR, Udbina, Udbina, Udbina, Udbina, MDVR, MDVR, MDVR, MDVR, BANR, BANR, ZAPS, ZAPS, ZAPS, ZAPS, SGI, Sgolgore (BA), PKSM, PKSM, BZS, Buzias, BZS, Buzias, NVLJ, Novajia, NVLJ, Novajia, NVLJ, Novajia, VTS, Vitosha, VTS, Vitosha, KKB, Krupnik, BEHE, Becehely, GUR, Gura Zlata, GUR, Gura Zlata, MZP, MZP, Peshtere, KOGS, Kog, KOGS, Kog, MMB, Musomiste, GROS, Grobnik, PERS, Pernice, PERS, Pernice, SOKA, Soboth, SOKA, Soboth, OBKA, Obir, OBKA, Obir, DRGR, DRGR, ARSA, Arzberg, ARSA, Arzberg, CONA, Conrad Observa, CONA, Conrad Observa, KBA, Koelnbreinsper, KBA, Koelnbreinsper, MOA, Mollin, MOA, Mollin, VRAV, Vranov, VRAV, Vranov, STHS, Stebnicka Huta, STHS, Stebnicka Huta, STHS, Stebnicka Huta, KWP, Kalvaria Pacla.

JSCJB 23 01:13:51.7-0.5, 50:14N:0:04-19:02E, 0:03, h0km, Error ellipse: s-maj=5.7km s-min=2.3km az=20.6

CSEM 23 01:13:52.7-0.3, 50:18N:19:11E, h1km, ML3.0/9, Error ellipse: s-maj=9.7km s-min=3.6km az=7.0

PRU 23 01:13:54.2, 50:14N:19:07E, h0km, Error ellipse: s-maj=9.7km s-min=3.6km az=7.0

ISC 23 01:13:52.9-0.8, 50:08N:0:04-19:11E, 0:02, h0km, n37, 0:574/57, 2D, Poland

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like Chorzow, Ojcow, Ojcow, Ojcow, OKC, Ojstrava-Krasne, OKC, Ojstrava-Krasne, LANS, Liptovska Anna, NIE, Niedzica, NIE, Niedzica, NIE, Niedzica, MOC, Moravsky Berou, MOC, Moravsky Berou, MRC, Moravsky Berou, MRC, Moravsky Berou, KRCL, Kralky.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KRALC, VYHNS, VRANOV, DOBRUSKA-POLOM, etc.

TAP 23 01:23:23.5, 24.94N, 122.78E, h129km, 1km, ML3.3, C JMA 23 01:23:23.5, 0.2, 24.79N, 122.75E, h137km, 2km, M2.3

ISC 23 01:23:24.0, 2.0, 24.87N, 122.76E, 0.03, h129km, 1.3km, n27, c056/046, Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JYNG, YONAGUNI, TWB1, TWC, etc.

WEL 23 01:23:51.6, 0.1, 43.59S, 172.65E, h6km, ML3.5/13.2C, Error ellipse: s-maj=0.8km s-min=0.4km az=90.0, South Island

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RATA PEAKS, WAITAHA VALLEY, DENNISTON NORT, etc.

NEIC 23 01:31:36.7, 43.57S, 172.79E, h5km, ML3.9(WEL), After WEL

NEIC Felt in the Christchurch area. WEL 23 01:31:37.4, 0.1, 43.59S, 172.72E, h8km, ML3.9/17, 4C-5D, Error ellipse: s-maj=1.0km s-min=0.4km az=90.0, South Island

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

WEL 23 01:32:20.9, 0.1, 43.56S, 172.64E, h5km, ML3.1/3, 1D, Error ellipse: s-maj=1.9km s-min=0.8km az=90.0, South Island

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

WEL 23 01:32:20.9, 0.1, 43.56S, 172.64E, h5km, ML3.1/3, 1D, Error ellipse: s-maj=1.9km s-min=0.8km az=90.0, South Island

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

ISC 23 01:56:07.9, 0.7, 6.85N, 0.04, 73.10W, 0.05, h156km, 6km, Error ellipse: s-maj=1.0, 1km s-min=5.7km az=33.9

FUNV 23 01:56:08.3, 6.74N, 73.17W, h160km, MW2.9 RSN 23 01:56:10.6, 0.9, 6.80N, 73.18W, h141km, 7km, ML2.8

ISC 23 01:56:07.1, 5.682N, 0.05, 73.10W, 0.06, h159km, 9km, n18, c1907/27, 1C, Northern Colombia

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

IDC 23 02:04:48.9, 5.5, 10.28S, 161.16E, h68km, 4.1km, mb3.5/4, mb1 3.7/4, mb1mx3.4/33, mbtm3.8/4, Error ellipse: s-maj=48.2km s-min=27.0km az=17.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HNR, WRA, SONM, ILAR, etc.

CSEM 23 02:18:02.3, 0.2, 38.94N, 29.42E, h10km, MD2.6, Error ellipse: s-maj=4.4km s-min=3.8km az=122.0

DDA 23 02:18:02.5, 38.93N, 29.40E, h7km, MD2.6

ISC 23 02:18:02.1, 39.02N, 29.33E, h30km, MD2.5

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

WEL 23 02:21:25.3, 0.1, 43.61S, 172.60E, h5km, ML3.1/9, 1C, Error ellipse: s-maj=0.9km s-min=0.4km az=90.0, South Island

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

NEIC 23 02:22:10.6, 43.54S, 172.72E, h9km, ML3.9(WEL), After WEL

NEIC Felt in the Christchurch area. WEL 23 02:22:10.8, 0.1, 43.53S, 172.71E, h9km, ML3.9/26, 1C-5D, Error ellipse: s-maj=1.1km s-min=0.6km az=90.0, South Island

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

JTS	comp=Z,617nm,0.3s,baz=334,slow=18,SNR=4.7	Lg	Pn	03 03 25.0
JTS	JuntasAbangare 3.51 130	Pn	Pn	03 02 31.0 +0.4
JTS	comp=Z,10um,0.3s,SNR=51	ePn	Pn	03 02 31.6 +1.0
JTS	JuntasAbangare 3.51 130	eSn	Pn	03 02 31.0 -0.9
JTS	JuntasAbangare 3.51 130	ePn	Pn	03 02 31.6 +1.0
JTS		e	Pn	03 03 10.1
JCR	Jicaral 3.71 137	eP	Pn	03 02 33.7 +0.4
JCR		ePn	Pn	03 03 17.4 +1.7
CGA2	Cerro Gallo 2 4.06 128	eP	Pn	03 02 39.0 +0.8
CGA2		eS	Pn	03 03 25.7 +1.2
HDC	Heredia 4.34 126	ePn	Pn	03 02 41.8 -0.2
HDC	Heredia 4.34 126	ePn	Pn	03 02 43.5 +1.5
GCR	Quepos 4.67 132	eP	Pn	03 02 47.6 +1.2
EUS	Buena Vista 4.89 127	eP	Pn	03 02 45.6 +1.3
CCIG	Comitan 5.87 311	ePn	Pn	03 03 01.9 +1.6
CCIG		eSn	Pn	03 03 56.1 -8.1
CTCR	Cotoan 6.07 127	eP	Pn	03 03 07.8 +2.1
PBNC	Punta Burica N 6.13 133	eP	Pn	03 03 07.3 +0.9
TEIG	Tepeich 7.63 356	Pn	Pn	03 03 30.5 +3.5
comp=Z,2.9nm,0.3s,baz=180,slow=17,SNR=27				
CMIG	Matias Romero 8.28 304	Pn	Pn	03 03 37.4 +1.5
comp=Z,3.7nm,0.3s,baz=122,slow=12,SNR=43				
CMIG		Sn	Pn	03 05 13.1 +5.1
comp=Z,1.8nm,0.3s,baz=18,slow=16,SNR=4.2				
BCIP	Isla Barro Col 8.42 113	eP	Pn	03 03 39.6 +1.8
BCIP	Isla Barro Col 8.42 113	ePn	Pn	03 03 38.3 +0.4
MTDJ	Mount Denham 11.59 59	ePn	Pn	03 04 20.5 +3.4
BBJ	Bamboo Saint A 11.29 59	iP	Pn	03 04 27.0 +5.9
TLIG	Tiapa 11.62 297	ePn	Pn	03 04 23.0 +1.4
		Sn	Pn	03 05 25.5 -4.3
STH	Stony Hill 11.83 61	iPA	Pn	03 04 30.7 +6.2
DBBC	Dabeiba 12.59 115	eP	Pn	03 04 36.7 +1.8
PAYG	Puerto Ayora 13.41 191	ePn	Pn	03 04 48.3 +2.2
HOLG	Santa Helena 13.57 117	eP	Pn	03 04 48.9 +0.4
GTBY	Guantanamo Bay 14.17 57	ePn	Pn	03 04 58.2 +2.8
MEIC	Morelia 14.76 300	ePn	Pn	03 05 06.1 +2.0
OCAC	Ocana 14.77 106	eP	Pn	03 05 07.6 -1.2
POPC	Popayan, Colom 14.78 132	eP	Pn	03 05 05.3 +1.0
CMBC	Cumal 15.14 139	eP	Pn	03 05 16.5 +3.3
CRUC	La Cruz 15.26 135	eP	Pn	03 05 14.8 +0.4
ROSC	El Rosal 15.28 119	Pn	Pn	03 05 14.4 -0.2
comp=Z,0.3nm,0.3s,baz=300,slow=11,SNR=9.4				
ROSC		LR	LR	03 11 32.1
comp=Z,4um,21.8s,baz=326,slow=40				
ROSC	El Rosal 15.28 119	ePn	Pn	03 05 10.7 -0.3
OTAV	Otavalo 15.30 143	ePn	Pn	03 05 14.2 -0.8
comp=Z,219nm,1.6s				
OTAV	Otavalo 15.30 143	eP	Pn	03 05 14.6 -0.4
GRMC	Gramalote, San 15.42 107	eP	Pn	03 05 14.6 -1.5
BARC	Barichara 15.48 111	eP	Pn	03 05 15.5 -1.4
LGNH	Loogne 15.68 66	ePn	Pn	03 05 18.7 0.0
comp=Z,621nm,1.1s				
RUSC	La Rusia 15.87 113	eP	Pn	03 05 18.1 -0.5
CHIC	Chingaza 15.89 119	ePn	Pn	03 05 15.9 -2.9
PAPH	Port-au-Prince 15.96 66	ePn	Pn	03 05 23.5 +1.7
comp=Z,2um,1.6s				
VILC	Villavicencio, 16.19 120	eP	Pn	03 05 25.9 +1.3
DWPF	Disney Wildern 16.53 20	ePn	Pn	03 05 29.2 +1.3
comp=Z,512nm,1.0s				
035Z	Hargill 16.91 326	P	P	03 05 34.3 +2.0
baz=143,SNR=9.6				
SDDR	Presa de Saban 17.02 66	ePn	Pn	03 05 32.7 +0.2
comp=Z,143nm,1.1s				
SDDR		eSn	Pn	03 08 30.1 -1.1
SDV	Santo Domingo 17.15 101	Pn	Pn	03 05 34.1 -0.3
comp=Z,0.5nm,0.3s,baz=268,slow=8.0,SNR=30				
SDV		LR	LR	03 13 56.8
comp=Z,3um,19.1s,baz=288,slow=44				
SDV	Santo Domingo 17.15 101	ePn	Pn	03 05 34.9 -0.4
comp=Z,897nm,1.9s				
SDV		ePcP	PcP	03 10 17.6 +1.5
035A	Encino 17.31 327	P	P	03 05 38.7 +2.0
baz=144,SNR=6.8				
Zaic	Zacatecas 17.41 308	ePn	Pn	03 05 39.8 +1.6
034A	Hebronville 17.72 326	P	P	03 05 43.7 +2.4
baz=143,SNR=30				
738A	Farr-Stevens R 17.80 337	P	P	03 05 44.5 +2.4
baz=154				
GUVC	San Jose del G 19.73 123	eP	Pn	03 05 45.1 +1.3
737A	Port Lavaca 18.05 334	P	Pn	03 05 46.9 +1.7
baz=152				
934A	Benavides 18.06 327	P	Pn	03 05 47.1 +1.9
baz=144,SNR=17				
934A		S	S	03 09 08.0 -0.7
835A	Beeville 18.28 330	P	Pn	03 05 49.6 +1.7
baz=147				
933A	Laredo 18.48 326	P	Pn	03 05 51.0 +0.7
baz=142,SNR=19				
736A	Circle Diamond 18.49 333	P	Pn	03 05 51.9 +1.5
baz=150,SNR=10				
540A	Vidor 18.49 343	P	Pn	03 05 51.7 +1.3
834A	Tilden 18.50 328	P	Pn	03 05 51.6 +1.1
baz=145,SNR=24				
BRAL	Brewton 18.52 2	eP	Pn	03 05 52.5 +1.8
637A	Eagle Lake 18.61 336	P	Pn	03 05 53.3 +1.5
baz=153				
539A	Cross D Ranch, 18.63 341	P	Pn	03 05 52.4 +0.4
baz=158				
735A	Kenedy 18.74 331	P	Pn	03 05 53.7 +0.3
baz=148				
HKT	Hockley 18.87 338	eP	Pn	03 05 56.7 +1.8
comp=Z,1um,2.0s				
HKT	Hockley 18.87 338	ePn	Pn	03 05 56.7 +1.8
comp=Z,1um,2.0s				
636A	Smothers Creek 18.94 334	P	Pn	03 05 57.1 +1.3
baz=151,SNR=21				
440A	Kirbyville 18.99 343	P	Pn	03 05 57.7 +1.3
baz=161,SNR=7.2				
538A	Harpers Horsep 18.99 339	P	Pn	03 05 57.4 +1.0
baz=156				
734A	La Parita Cree 19.10 330	P	Pn	03 05 57.3 -0.4
baz=146,SNR=7				
833A	Chaparral WMA, 19.10 327	P	Pn	03 05 57.8 0.0
baz=143,SNR=19				
TIGA	Tifton 19.15 11	P	Pn	03 06 00.1 +1.8
baz=192,SNR=22				
TIGA	Tifton 19.15 11	eP	Pn	03 05 59.5 +1.2
comp=Z,2um,1.6s				
537A	Green Hill Far 19.17 337	P	Pn	03 05 59.3 +0.8
baz=154				
635A	Leesville 19.18 332	P	P	03 05 57.9 +0.7
baz=149				
439A	Center Grove, 19.27 341	P	Pn	03 06 01.6 +1.8
baz=159,SNR=15				
733A	Divot King Ran 19.37 328	P	Pn	03 06 00.3 -0.6
baz=144,SNR=2				
832A	Fair Ranch, C 19.39 326	P	Pn	03 06 00.6 -0.5
baz=142,SNR=70				
634A	China Grove, S 19.44 331	P	Pn	03 06 01.1 -0.7
baz=149				
536A	Bastrop 19.46 335	P	Pn	03 06 01.5 -0.6
baz=152				
438A	Sam Houston St 19.47 340	P	Pn	03 06 03.0 +0.9
baz=157,SNR=12				
340A	Bronson 19.61 344	P	Pn	03 06 05.1 +1.4
baz=162,SNR=44				
535A	Dale 19.64 334	P	P	03 06 03.1 +0.9
baz=150,SNR=10				
339A	Huntington 19.71 342	P	Pn	03 06 05.9 +0.9
baz=160,SNR=12				
VBMS	Vicksburg 19.72 353	P	Pn	03 06 06.5 +1.5
baz=172,SNR=16				
VBMS	Vicksburg 19.72 353	eP	Pn	03 06 07.5 +2.5
437A	Phantom Ranch, 19.77 338	P	Pn	03 06 05.9 +0.3
baz=155				
633A	Saathoff Ranch 19.91 329	P	Pn	03 06 05.6 +0.5
baz=146,SNR=15				
241A	Mo Tay, Golden 19.95 347	P	Pn	03 06 08.4 +0.7
baz=165,SNR=24				
436A	Wall Ranch, G 19.97 336	P	Pn	03 06 07.6 -0.3
baz=153				
338A	Crockett 19.97 341	P	Pn	03 06 08.5 +0.5
baz=158,SNR=33				
534A	Blanco 20.04 332	P	Pn	03 06 07.1 +0.4
baz=148,SNR=51				
337A	Centerville 20.12 339	P	Pn	03 06 09.8 0.0
baz=156,SNR=7.9				
240A	Hunter Patters 20.16 345	P	Pn	03 06 10.7 +0.4
baz=163				
435B	Jarell 20.30 335	P	P	03 06 10.6 +1.1
baz=151,SNR=10				

239A	Gary 20.33 343	P	Pn	03 06 12.0 -0.2
baz=161				
533A	Kerrville 20.34 331	P	P	03 06 10.7 +0.7
baz=147,SNR=38				
LRAL	Lakeview Retre 20.38 2	eP	Pn	03 06 14.9 +2.2
comp=Z,457nm,1.3s				
141A	Papa Simpson, 20.50 347	P	Pn	03 06 14.2 -0.1
baz=166,SNR=20				
236A	Jacksonville 20.51 342	P	Pn	03 06 14.1 -0.2
baz=159				
338A	Riesel 20.54 337	P	Pn	03 06 13.6 -1.1
baz=154,SNR=10				
CRPR	Cabo Rojo, PR 20.57 72	eP	Pn	03 06 16.4 +1.2
comp=Z,35nm,1.1s				
MPR	Mayaguez 20.58 72	eP	Pn	03 06 16.6 +1.3
comp=Z,147nm,1.3s				
434A	Burnet 20.62 333	P	Pn	03 06 13.5 +0.6
baz=157,SNR=18				
AGAD	Aguaidilla 20.62 71	eP	Pn	03 06 16.3 +0.5
comp=Z,2um,1.9s				
335A	Moody 20.67 336	P	Pn	03 06 14.9 -1.4
baz=152,SNR=13				
140A	Cam and Jess, 20.69 346	P	Pn	03 06 16.5 +0.1
baz=164,SNR=18				
237A	Washetta, Mont 20.73 340	P	Pn	03 06 16.2 -0.7
baz=157,SNR=9.9				
139A	Burkhead, San 20.93 344	P	Pn	03 06 19.3 -0.1
baz=162,SNR=5.8				
433A	Antkowiak 20.94 332	P	P	03 06 16.8 +0.4
baz=148,SNR=21				
AOPR	Arcelbo Observ 20.97 71	eP	Pn	03 06 17.3 +0.5
comp=Z,357nm,1.5s				
236A	Katherine and 20.97 339	P	Pn	03 06 18.3 -1.5
baz=156,SNR=8.0				
OBIP	Obispaod Ponce 21.04 72	eP	P	03 06 20.4 +2.9
baz=165,SNR=14				
334A	Lomet 21.05 334	P	P	03 06 18.0 +0.5
baz=150,SNR=41				
JCT	Junction City 21.05 330	P	P	03 06 18.0 +0.5
baz=146,SNR=29				
JCT	Junction City 21.05 330	eP	P	03 06 18.9 +1.3
comp=Z,134nm,0.8s				
JCT		LR	LR	
JCT		eP	Pmax	03 06 18.9 +1.3
JCT		MLR	MLR	
JCT		MLR	MLR	
comp=Z,2um,21.0s				
CELJ	21.07 72	eP	P	03 06 20.7 +2.8
ICMP	Isla Caja de M 21.08 73	eP	P	03 06 20.5 +2.5
GOGA	Godfrey 21.10 10	eP	P	03 06 21.0 +3.0
comp=Z,283nm,0.9s				
GOGA		LR	LR	
GOGA		eP	Pmax	03 06 21.0 +3.0
GOGA		MLR	MLR	
comp=Z,2um,20.0s				
GOGA		MLR	MLR	
comp=Z,2um,20.0s				
138A	Matatal Enter 21.11 342	P	P	03 06 20.0 +1.9
baz=160,SNR=20				
Z40A	Long Farm, Mag 21.24 347	P	P	03 06 22.0 +2.5
baz=152,SNR=14				
137A	Heron Place, G 21.26 341	P	P	03 06 21.7 +2.0
baz=158,SNR=13				
WHTX	Lake Whitney, 21.31 337	P	P	03 06 21.4 +1.1
baz=153,SNR=15				
WHTX	Lake Whitney, 21.31 337	eP	P	03 06 22.6 +2.4
comp=Z,312nm,0.9s				
333A	Richland Sprin 21.37 333	P	P	03 06 21.2 +0.2
baz=149,SNR=42				
136A	Enn 21.40 339	P	P	03 06 22.7 +1.5
baz=156,SNR=28				
Z39A	Irene McRaven, 21.41 345	P	P	03 06 23.9 +2.6
baz=163				
SJG	San Juan 21.48 72	eP	P	03 06 24.8 +2.6
comp=Z,25nm,0.4s,baz=389,slow=7.1,SNR=13				
SJG	San Juan 21.48 72	eP	P	03 06 24.8 +2.6
comp=Z,503nm,1.6s				
SJG		LR	LR	
SJG		eP	Pmax	03 06 24.8 +2.6
SJG		Pmax	Pmax	
comp=Z,5um,21.0s				
NHSC	New Hope			

23d 3h

S39A	comp=Z,5um,22.0s	25.51	350	P	P	03 07 01.4 +0.1
US3A	baz=167,SNR=60	25.52	14	eP	P	03 07 03.9 +2.5
US3A	Virginia Weste	25.54	340	eP	P	03 07 01.1 -0.5
US3A	Linigo Farm	25.56	340	eP	P	03 07 01.1 -0.5
S38A	Stockton	25.56	349	P	P	03 07 01.7 0.0
AMTX	baz=166,SNR=27	25.58	333	P	P	03 07 02.4 +0.4
AMTX	Amarillo	25.58	333	eP	P	03 07 02.8 +0.7
WCI	comp=Z,1.43nm,0.9s	25.58	3	eP	P	03 07 02.4 +0.5
WCI	Wyandotte Cave	25.58	3	eP	P	03 07 02.4 +0.5
WCI	Wyandotte Cave	25.58	3	eP	P	03 07 02.4 +0.5
T34A	comp=Z,1.08nm,0.9s	25.79	342	P	P	03 07 03.7 -0.2
U32A	McClaskey Farm	25.80	339	P	P	03 07 03.9 0.0
FD	Fort de France	25.87	82	PFAKE	LR	03 07 20.0 +1.5
FD	Fort de France	25.87	82	PFAKE	LR	03 07 20.0 +1.5
S37A	comp=Z,3um,21.0s	25.88	347	P	P	03 07 04.6 -0.1
R40A	Fort Scott	25.93	352	P	P	03 07 04.8 -0.3
R40A	Maddies Statio	25.93	352	P	P	03 07 04.8 -0.3
S36A	baz=170,SNR=42	26.02	346	P	P	03 07 05.7 -0.2
S36A	Lake Cedric, C	26.02	346	P	P	03 07 05.7 -0.2
SLM	baz=162,SNR=65	26.05	355	eP	P	03 07 08.5 +2.3
SLM	Saint Louis	26.05	355	eP	P	03 07 08.5 +2.3
SLM	Saint Louis	26.05	355	eP	P	03 07 08.5 +2.3
OLIL	comp=Z,1.62nm,1.5s	26.06	359	eP	P	03 07 06.7 +0.5
R39A	Olney	26.07	350	P	P	03 07 06.0 -0.4
R39A	Chumby, Stover	26.07	350	P	P	03 07 06.0 -0.4
U31A	baz=168,SNR=60	26.10	337	P	P	03 07 07.5 +0.8
U31A	Nine Bar Ranch	26.10	337	P	P	03 07 07.5 +0.8
R38A	baz=152	26.10	349	P	P	03 07 06.2 -0.4
R38A	Fenwick Farm,	26.10	349	P	P	03 07 06.2 -0.4
S35A	baz=166,SNR=22	26.17	344	P	P	03 07 07.4 +0.1
S35A	Otter Creek Ra	26.17	344	P	P	03 07 07.4 +0.1
T33A	baz=161,SNR=31	26.18	341	P	P	03 07 06.9 -0.5
T33A	Patterson Ranc	26.18	341	P	P	03 07 06.9 -0.5
S34A	baz=156	26.40	343	P	P	03 07 09.2 -0.1
S34A	Willow Spring	26.40	343	P	P	03 07 09.2 -0.1
R37A	baz=159	26.41	347	P	P	03 07 08.8 -0.7
R37A	Teagarden Farm	26.41	347	P	P	03 07 08.8 -0.7
T32A	baz=155,SNR=8.4	26.49	340	P	P	03 07 10.1 -0.1
T32A	Huddler Ranch,	26.49	340	P	P	03 07 10.1 -0.1
JSRW	baz=152	26.51	18	eP	P	03 07 13.2 +2.9
JSRW	J. Sargeant Re	26.51	18	eP	P	03 07 13.2 +2.9
BLO	Bloomington	26.51	2	eP	P	03 07 11.4 +1.1
BLO	Bloomington	26.51	2	eP	P	03 07 11.4 +1.1
BLO	Bloomington	26.51	2	eP	P	03 07 11.4 +1.1
U30A	comp=Z,1.74nm,1.4s	26.55	336	P	P	03 07 10.9 +0.1
U30A	WK&I Inc, Balk	26.55	336	P	P	03 07 10.9 +0.1
S33A	baz=151,SNR=6.4	26.57	341	P	P	03 07 11.1 +0.2
S33A	Kaszmual Farm,	26.57	341	P	P	03 07 11.1 +0.2
R36A	baz=157	26.57	346	P	P	03 07 10.6 -0.3
R36A	Gordon, Harris	26.57	346	P	P	03 07 10.6 -0.3
Q40A	baz=163,SNR=16	26.60	352	P	P	03 07 10.7 -0.5
Q40A	Laux Farm, Aux	26.60	352	P	P	03 07 10.7 -0.5
NNA	baz=170,SNR=21	26.67	156	P	P	03 07 13.9 +1.9
NNA	Nana	26.67	156	P	P	03 07 13.9 +1.9
NNA	comp=Z,1.17nm,1.1s, baz=315,slow=12,SNR=3.6	26.67	156	eP	LR	03 16 40.9
NNA	Nana	26.67	156	eP	LR	03 16 40.9
NNA	comp=Z,636nm,20.1s, baz=314,slow=34	26.67	156	eP	LR	03 07 12.9 +0.9
NNA	Nana	26.67	156	eP	LR	03 07 12.9 +0.9
NNA	comp=Z,73nm,1.3s	26.67	156	eP	LR	03 07 12.9 +0.9
NNA	Nana	26.67	156	eP	LR	03 07 12.9 +0.9
NNA	comp=Z,2um,21.0s	26.67	156	eP	MLR	03 07 12.9 +0.9
NNA	Nana	26.67	156	eP	MLR	03 07 12.9 +0.9
U31A	comp=Z,2um,21.0s	26.68	338	P	P	03 07 11.4 -0.5
U31A	Randall Ranch,	26.68	338	P	P	03 07 11.4 -0.5
T29A	baz=153,SNR=7.6	26.73	335	P	P	03 07 13.1 +0.7
T29A	Oasis Ranch, S	26.73	335	P	P	03 07 13.1 +0.7
R35A	baz=150	26.74	345	P	P	03 07 12.8 +0.4
R35A	Emporia Munchi,	26.74	345	P	P	03 07 12.8 +0.4
Q39A	baz=162	26.78	351	P	P	03 07 12.3 -0.5
Q39A	Willow Grove F	26.78	351	P	P	03 07 12.3 -0.5
Q38A	baz=169,SNR=52	26.80	350	P	P	03 07 12.7 -0.2
Q38A	Cooks Store, C	26.80	350	P	P	03 07 12.7 -0.2
Q37A	baz=167,SNR=41	26.88	348	P	P	03 07 13.2 -0.4
Q37A	Longview Farm,	26.88	348	P	P	03 07 13.2 -0.4
T30A	baz=165,SNR=9.1	26.96	337	P	P	03 07 15.1 +0.6
T30A	Plains	26.96	337	P	P	03 07 15.1 +0.6
S32A	baz=152	26.97	340	P	P	03 07 14.7 +0.3
S32A	Newby Ranch, P	26.97	340	P	P	03 07 14.7 +0.3
R34A	baz=155	27.00	343	P	P	03 07 14.6 -0.1
R34A	Isabella, Hill	27.00	343	P	P	03 07 14.6 -0.1
S31A	baz=154,SNR=8.0	27.08	339	P	P	03 07 15.5 0.0
S31A	Mullinville	27.08	339	P	P	03 07 15.5 0.0
121A	baz=154,SNR=8.0	27.09	320	P	P	03 07 16.7 +0.9
121A	Cookes Peak, D	27.09	320	P	P	03 07 16.7 +0.9
P40A	baz=133,SNR=28	27.12	353	P	P	03 07 15.9 +0.1
P40A	Paris	27.12	353	P	P	03 07 15.9 +0.1
CBN	baz=171,SNR=14	27.13	18	eP	P	03 07 18.0 +2.1
CBN	Corbin Frederi	27.13	18	eP	P	03 07 18.0 +2.1
CBN	comp=Z,535nm,1.7s	27.13	18	eP	LR	03 07 18.0 +2.1
CBN	Corbin Frederi	27.13	18	eP	LR	03 07 18.0 +2.1
Q36A	comp=Z,3um,22.0s	27.17	347	P	P	03 07 16.8 +0.6
Q36A	Arnold, C Orve	27.17	347	P	P	03 07 16.8 +0.6
P39A	baz=163,SNR=5.2	27.18	351	P	P	03 07 16.6 +0.3
P39A	Salisbury	27.18	351	P	P	03 07 16.6 +0.3
Q35A	baz=169,SNR=26	27.21	346	P	P	03 07 16.8 +0.2
Q35A	Mercer Eighty,	27.21	346	P	P	03 07 16.8 +0.2
R33A	baz=161,SNR=12	27.22	342	P	P	03 07 17.2 +0.4
R33A	Olander Ranch,	27.22	342	P	P	03 07 17.2 +0.4
SRIG	baz=158,SNR=7.9	27.22	342	P	P	03 07 17.2 +0.4
SRIG	Santa Rosalia	27.22	342	P	P	03 07 17.2 +0.4
319A	baz=167,SNR=41	27.27	307	eP	P	03 07 18.9 +1.7
319A	Douglas	27.27	307	eP	P	03 07 18.9 +1.7
T29A	comp=Z,36nm,0.8s	27.35	336	P	P	03 07 18.2 +0.2
T29A	Hugoton	27.35	336	P	P	03 07 18.2 +0.2
BBGH	baz=150	27.43	86	PFAKE	LR	03 07 30.0 +1.1
BBGH	Gun Hill	27.43	86	PFAKE	LR	03 07 30.0 +1.1
P38A	comp=Z,5um,21.0s	27.43	350	P	P	03 07 18.5 -0.1
P38A	Dawn	27.43	350	P	P	03 07 18.5 -0.1
S30A	baz=168,SNR=27	27.45	338	P	P	03 07 19.0 +0.2
S30A	Montezuma	27.45	338	P	P	03 07 19.0 +0.2
Q34A	baz=152	27.50	344	P	P	03 07 18.9 -0.2
Q34A	Chapman	27.50	344	P	P	03 07 18.9 -0.2
BNM	baz=160	27.54	324	eP	P	03 07 21.2 +1.4
BNM	Barren Site	27.54	324	eP	P	03 07 21.2 +1.4
P37A	baz=165,SNR=13	27.54	349	P	P	03 07 19.9 +0.4
P37A	Lathrop	27.54	349	P	P	03 07 19.9 +0.4
R32A	baz=156,SNR=8.9	27.55	341	P	P	03 07 20.0 +0.3
R32A	Long Quarter,	27.55	341	P	P	03 07 20.0 +0.3
KSU1	baz=156,SNR=8.9	27.58	345	P	P	03 07 19.8 -0.1
KSU1	Kansas State U	27.58	345	P	P	03 07 19.8 -0.1
KSU1	baz=161,SNR=7.4	27.58	345	eP	P	03 07 20.5 +0.6
KSU1	Kansas State U	27.58	345	eP	P	03 07 20.5 +0.6
KSU1	comp=Z,117nm,1.0s	27.58	345	eP	LR	03 07 20.5 +0.6
KSU1	Kansas State U	27.58	345	eP	LR	03 07 20.5 +0.6
Y22D	comp=Z,2um,21.0s	27.65	324	P	P	03 07 19.9 -0.8
Y22D	IRIS PASSCAL I	27.65	324	P	P	03 07 19.9 -0.8
Y22D	baz=136	27.65	324	eP	P	03 07 22.4 +1.6
Y22D	IRIS PASSCAL I	27.65	324	eP	P	03 07 22.4 +1.6
LPM	comp=Z,124nm,0.8s	27.66	325	eP	P	03 07 22.4 +1.5
LPM	Los Pinos Moun	27.66	325	eP	P	03 07 22.4 +1.5
S29A	baz=163,SNR=13	27.68	337	P	P	03 07 21.7 +0.7
S29A	Ulysses	27.68	337	P	P	03 07 21.7 +0.7
Q40A	baz=151,SNR=10	27.69	353	P	P	03 07 20.0 -0.8
Q40A	La Belle	27.69	353	P	P	03 07 20.0 -0.8
R31A	baz=171,SNR=8.8	27.70	340	P	P	03 07 21.3 +0.2
R31A	Burdett	27.70	340	P	P	03 07 21.3 +0.2
SFIN	baz=155,SNR=13	27.70	1	P	P	03 07 21.1 +0.2
SFIN	Lafayette	27.70	1	P	P	03 07 21.1 +0.2
SFIN	baz=181,SNR=12	27.70	1	eP	P	03 07 20.7 -0.3
SFIN	Lafayette	27.70	1	eP	P	03 07 20.7 -0.3
P36A	comp=Z,1.5nm,1.2s	27.75	347	P	P	03 07 21.4 0.0
P36A	Good Intent, A	27.75	347	P	P	03 07 21.4 0.0
Q33A	baz=164,SNR=8.3	27.82	343	P	P	03 07 23.0 +1.0
Q33A	Connelly Farm,	27.82	343	P	P	03 07 23.0 +1.0
P35A	baz=159,SNR=10	27.84	346	P	P	03 07 22.6 +0.3
P35A	Duane Minner,	27.84	346	P	P	03 07 22.6 +0.3
MCWV	baz=163,SNR=10.0	27.85	13	eP	P	03 07 23.8 +1.4
MCWV	Mont Chateau	27.85	13	eP	P	03 07 23.8 +1.4
ACSO	comp=Z,2um,21.0s	27.86	8	eP	P	03 07 23.3 +0.9
ACSO	Alum Creek Sta	27.86	8	eP	P	03 07 23.3 +0.9
ACSO	comp=Z,63nm,0.8s	27.86	8	eP	LR	03 07 23.3 +0.9
ACSO	Alum Creek Sta	27.86	8	eP	LR	03 07 23.3 +0.9

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Rata Peaks, Incheonbonnie, Waitaha Valley, etc.

KRSC 23 03:22:59.5-1.9, 51.83N:159.06E, h71km, 19km, ML4.1
MOS 23 03:23:00.6-0.7, 51.78N:158.93E, h72km, mb4.1/3, Error ellipse: s-maj=19.2km s-min=6.3km az=88.3

ISC 23 03:23:01.8-1.0, 51.77N:159.08E, h60km, 9km, n52, r155/75, mb3.6/7.2D, Off east coast of Kamchatka Peninsula

Main station list table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other technical details. Includes stations like Russkaya, Asacha, Gorelyy, etc.

2011 FEB
ISCJJB 23 03:25:59.0-0.2, 26.79N:102.57E, h25km, mb4.3/50, MS2.9/1, Error ellipse: s-maj=4.1km s-min=3.2km az=24.8
CSEM 23 03:25:59.0-0.2, 26.79N:57.67E, h20km, mb4.4/25, Ms3.7, Error ellipse: s-maj=6.6km s-min=4.8km az=109.0

Main station list table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other technical details. Includes stations like Kohestak, Nian, Bandar-Abbas, etc.

Main station list table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like eAMB, IREG, IDAH, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like eAMB, IREG, IDAH, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TKM2, AB31, AB31, AB31, ABKAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CLL, Collm, MOTA, Moosalm, MOTA, Moosalm, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BKZ, Black Stump Fm, PKVZ, Pokaka, MOVZ, Moawhango, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MJAR Matsuhiro Arr, BMKR Bomnak, SEY Seymchan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like S22A 4UR Ranch, BPWA Bear Paw Mtn, MCK McKinley, etc.

IDC 23 04:03:22.1307.0,37.08N,116.06W,h0km,Error ellipse:s-maj=124.3km s-min=77.1km az=177.0, Southern Nevada

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like I57US PINON FLAT INF, I56US NEWPORT INFRAS1, I10CA LAC DU BONNET.

IDC 23 04:03:28.2.0.5,22.19Sx175.89W,h0km,mb4.5/21, mb1.4/24,mb1mx4.6/42,mbmp4.6/24,ML4.6/3,MS3.4/5, Ms1.3/4.5,ms1mx3.2/30,Error ellipse:s-maj=20.6km s-min=12.7km az=143.0

ISCJB 23 04:03:29.1.0.2,22.220S:0.07x175.98W:0.06,h10km, mb4.8/74,MS3.5/3,Error ellipse:s-maj=11.6km s-min=5.0km az=148.6

NEIC 23 04:03:33.8.2.6,22.24S:175.92W,h34km,mb.5/0.58, Error ellipse:s-maj=9.6km s-min=5.1km az=145.0

ISC 23 04:03:29.5.0.4,22.226S:0.10x175.87W:0.08,h10km, n217,σ1914/183,mb4.8/73,MS3.6/3,9C-4D,Tonga Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GSC Goldstone, GSC Goldstone, MPMC Manual Prospect, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like S22A 4UR Ranch, BPWA Bear Paw Mtn, MCK McKinley, etc.

23d 5h

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like CHBY Cihanbeyli, YESY Yesilyurt, HORT Hortias, etc.

2011 FEB

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like OHR Kozan, KOZT Kozan, GRB Gharib, etc.

1176

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like NVLJ Novolja, KEST Kesra, PSZ Piskesteto, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include stations like INK, USRK, KS01, KSAR, KSRS, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include stations like HEC, BFCF, BFCF, MWC, BBRC, etc.

NNC 23 05:37:08.2 ± 0.8, 36.60N-70.95E, h0km, mb3.5, mpv3.2, 3C-3D, Error ellipse: s-maj=22.6km s-min=13.2km az=2.0, HINDU Kush region

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include stations like DZET, KK31, KK31, AAK, AAK, AB31, etc.

CSEM 23 05:37:37.9 ± 0.2, 39.61N-41.18E, h5km, MD2.6, Error ellipse: s-maj=5.5km s-min=3.2km az=25.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include stations like ECAT, ECAT, ECAT, EZM, EZM, EZM, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include stations like EARN, EARN, EARN, CANN, CANN, TUAP, etc.

ISCJB 23 05:52:15.2 ± 0.4, 25.04S-179.73E, h0km, mb4.3/2.1, Error ellipse: s-maj=10.3km s-min=5.8km

IDC 23 05:52:16.8 ± 1.6, 24.93S-179.77E, h507km, 16km, mb3.8/16, mb1.4/0.19, mb1mx3.8/4.2, mbtmp4.7/19, Error ellipse: s-maj=15.9km s-min=13.7km az=16.0

NEIC 23 05:52:17.6 ± 0.9, 24.99S-179.76E, h521km, 10km, mb4.8/6, Error ellipse: s-maj=14.5km s-min=9.8km az=199.0

ISC 23 05:52:16.0 ± 0.5, 25.09S-179.77E, h0km, n76, 0592/80, mb4.3/2.1, 7C-8D, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include stations like RAO, RAO, RAO, DZM, DZM, HAZ, HAZ, URZ, URZ, etc.

NEIC 23 05:33:53.5 ± 35.97N-117.67W, h2km, ML2.9(PAS), After PAS, ISC 23 05:33:53.1 ± 0.9, 35.96N-102.117.66W, h0.02, h8km±8km,

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include stations like MPMC, DAC, LRMC, ISAB, ISAB, FURC, GSC, GSC, GSC, GRAC, EDW2, EDW2, SHOC, YES, ARVC, ARVC, RCTO, RCTO, TUQ, TUQ, TPNV, TPNV, etc.

WEL 23 05:39:42.4 ± 0.1, 43.52S-172.70E, h11km, ML4.1/24, 2C-2D, Error ellipse: s-maj=1.3km s-min=0.5km az=90.0,

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include stations like CRLZ, CRLZ, CRLZ, MOZ, MOZ, OXF, OXF, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, ISC, Time, Res, h, m, s, ISC. Rows include stations like SYO, SYO, VNA3, VNA3, VNA2, VNA2, etc.

23d 6h

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like UGLR, AVH, KRX, KOK, PET, etc.

2011 FEB

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like BILL, ASAJ, HBR, YAK, etc.

1180

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like H1N2, H1N3, H1N1, ZAK, etc.

Table with columns: ARU, Arti, 53.25 317 dIP, P, 06 57 51.9 -0.9, 06 58 14.2 -1.8, 06 57 17.4 +1.2, 07 08 54.7 -1.6, etc.

Table with columns: CMAR, comp=Z,12nm,18.2s,baz=20,slo=38, LR, LR, 07 25 41.1, etc.

Table with columns: KWP, Kalwaria Pacla, 71.23 333 eP, P, 06 59 53.5 +0.6, etc.

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

ISCJB 23 09:05:1.2, 7.0, 6.38, 94N, 0.03, 42.41E, 0.06, h10km, 6km, Error ellipse: s-maj=7.8km s-min=4.5km az=20.5

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like KARACOBAN, TATVAN, TUTAT, etc.

WEL 23 08:54:37.6, 0.1, 43.60S, 172.64E, h5km, ML3.9/19, 4C-3D, Error ellipse: s-maj=1.3km s-min=0.6km az=90.0, South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like CANTERBURY LAS, MCQUEEN'S VALL, OXFORD, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like FOX GLACIER, DENNISTON NORT, OTAHUA DOWNS, etc.

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

ISCJB 23 09:08:24.3, 0.7, 36.29N, 0.02, 37.05E, 0.05, h0km, Error ellipse: s-maj=5.8km s-min=3.4km az=9.9

CSEM 23 09:08:25.4, 0.3, 36.31N, 0.37E, h1km, ML1.9, Error ellipse: s-maj=6.5km s-min=4.9km az=111.0, Suspected Mining explosion.

DDA 23 09:08:25.9, 36.36N, 36.97E, h7km, Md2.8, Suspected Mining explosion.

NSSC 23 09:08:26.1, 2.1, 36.32N, 36.97E, h17km, 12km, MD1.5, ML1.9

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like KUZU, KUZU, TAHTAKOPRU-HAT, etc.

WRDH 23 09:08:26.0, 0.9, 36.27N, 0.03, 37.06E, 0.04, h0km, n19, n66, n95/31, Turkey

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

TIR 23 09:08:52.1, 2.2, 40.68N, 20.76E, h3km, 999km, ML2.5

BEQ 23 09:08:55.0, 1.0, 40.42N, 20.83E, h0km, ML2.5/8, Error ellipse: s-maj=2.0km s-min=0.8km az=140.0, Analyst: M. Papanioklaou ML Amplitudes are expressed in micrometres All distances are expressed in km

SKO 23 09:08:57.7, 1.0, 40.72N, 20.73E, h8km, M1.7, ML2.3

CSEM 23 09:08:57.6, 0.2, 40.70N, 20.82E, h2km, ML2.3, Error ellipse: s-maj=5.9km s-min=4.2km az=86.0

THE 23 09:08:57.0, 1.1, 40.73N, 20.70E, h5km, 1km, ML2.5/8, Error ellipse: s-maj=1.7km s-min=1.0km az=130.0, h5km, 9km, n54, n98/87, Greece-Albania border region

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

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

ISCJB 23 09:13:44.0, 0.2, 43.58S, 172.65E, h7km, ML3.5/10, 6C-2D, Error ellipse: s-maj=2.0km s-min=0.9km az=90.0, South Island

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

WEL 23 09:13:44.0, 0.2, 43.58S, 172.65E, h7km, ML3.5/10, 6C-2D, Error ellipse: s-maj=2.0km s-min=0.9km az=90.0, South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like CANTERBURY LAS, MCQUEEN'S VALL, OXFORD, etc.

KRSC 23 09:37:16.2,0.6,55.72N;162.47E,h60km,14km,ML5.0
BUJ 23 09:37:18.1,55.90N;162.10E,h51km,mb4.5/35,mb5.0/22,
Ms4.5/20,Ms7.4/319
MOS 23 09:37:18.5,0.9,55.75N;162.23E,h57km,mb5.0/55,Error
ellipse: s-maj=6.3km s-min=3.9km az=77.5
ISCJCB 23 09:37:18.5,0.2,55.77N;0.02,-162.33E;0.03,h55km,2km,
mb4.7/186,MS3.9/41,Error ellipse: s-maj=3.3km
s-min=2.2km az=146.6
NEIC 23 09:37:19.0,0.1,55.86N;162.08E,mb4.8/128,Error
ellipse: s-maj=4.7km s-min=2.5km az=157.0
IDC 23 09:37:20.5,2.1,55.77N;162.21E,h60km,19km,mb4.2/30,
mb1.4/4/33,mb10m/4.3/45,mb1m/4.5/33,MS3.8/36,
Ms1.3/8/36,ms1mx3.8/54,Error ellipse: s-maj=12.7km
s-min=9.0km az=148.0
ISC 23 09:37:18.4,0.3,55.75N;0.003;162.40E;0.003,h39km,2km,
h38km;pp-P,n779,c1f18/833,mb4.8/186,MS3.9/41,
15C-12D,Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Time, Res, Phase ID, ISC, h, m, s, ISC. Lists various seismic stations and their parameters.

Table with columns: Station Name, Az, Az', Time, Res, Phase ID, ISC, h, m, s, ISC. Lists seismic stations and their parameters.

Table with columns: Station Name, Az, Az', Time, Res, Phase ID, ISC, h, m, s, ISC. Lists seismic stations and their parameters.

23d 9h

MVCO	Mesa Verde	59.75	65	P	P	09 47 20.6	+1.2
MVCO	Mesa Verde	59.75	68	eP	P	09 47 21.1	+1.7
BORG	Gorgas	59.80	2	LR	LR	10 12 57.2	
Y14A	Wickenburg	59.83	73	eP	P	09 47 21.3	+1.6
H33A	Prehn Over Nor	59.87	54	P	P	09 47 20.6	+0.9
D37A	Cotton	59.87	50	P	P	09 47 20.2	+0.5
C38A	Sawbill Land.	59.93	48	P	P	09 47 20.6	+0.4
F35A	Swanville	59.94	52	P	P	09 47 21.1	+0.9
E36A	McGregor	60.01	51	P	P	09 47 21.3	+0.6
CMAR	Chiang Mai Arr	60.04	259	P	P	09 47 20.1	-1.2
CMAR	comp-Z,1.0nm,0.3s,baz=17,slow=6.7,SNR=8.4			PcP	PcP	09 48 06.8	-0.1
CMAR	comp-Z,1.4nm,0.3s,baz=24,slow=3.3,SNR=4.1			LR	LR	10 16 37.1	
K30A	Basset	60.06	57	P	P	09 47 22.2	+1.1
Q24A	Divide	60.15	64	P	P	09 47 23.0	+0.9
Q24A	Divide	60.15	64	eP	P	09 47 24.1	+1.9
OGNE	Ogallala	60.20	60	P	P	09 47 23.0	+0.8
S22A	4UR Ranch, Cre	60.21	66	P	P	09 47 23.9	+1.3
S22A	4UR Ranch, Cre	60.21	66	eP	P	09 47 24.7	+2.1
X16A	Lo Mia Camp P	60.30	72	eP	P	09 47 25.2	+2.0
J32A	Parkston	60.36	56	P	P	09 47 23.4	+0.3
F36A	Milaca	60.40	51	P	P	09 47 23.6	+0.2
G35A	Watkins	60.47	52	P	P	09 47 24.6	+0.8
M29A	Burnside Ranch	60.48	59	P	P	09 47 24.9	+0.8
K31A	O'Neill	60.51	57	P	P	09 47 24.7	+0.5
L30A	Spencer Herefo	60.56	58	P	P	09 47 25.1	+0.5
N28A	Pribbeno Ranch	60.64	60	P	P	09 47 26.0	+0.8
ECSD	EROS Data Cent	60.65	55	P	P	09 47 25.6	+0.4
ECSD	EROS Data Cent	60.65	55	eP	P	09 47 25.9	+0.8
W18A	Petrified Fore	60.68	70	eP	P	09 47 30.9	+5.2
VSU	Vasula	60.72	335	eP	P	09 47 24.6	-0.7
H35A	Sunnyside Ranch	60.72	53	P	P	09 47 26.4	+0.8
I34A	Hadley	60.76	54	P	P	09 47 26.6	+0.7
G36A	St. Michael	60.79	52	P	P	09 47 26.4	+0.4
L31A	Butterfield Fa	60.81	57	P	P	09 47 27.2	+0.9
J33A	Davis	60.81	55	P	P	09 47 26.7	+0.5
K32A	Verdigre	60.85	56	P	P	09 47 27.0	+0.5
SDCO	Great Sand Dun	60.90	65	P	P	09 47 28.2	+0.9
SDCO	Great Sand Dun	60.90	65	eP	P	09 47 29.2	+2.0
O28A	Krutzinger Ran	60.96	61	P	P	09 47 28.6	+1.2
N29A	Votaw Ranch, W	60.99	59	P	P	09 47 28.5	+1.0
OBN	Obninsk	60.99	328	iP	P	09 47 26.6	-0.6
OBN				i	P	09 47 52.7	
OBN				i	P	09 49 41.7	
OBN	comp-Z,37nm,2.5s			MLR	MLR		
SPMM	Marine on St.	61.22	51	P	P	09 47 29.5	+0.5
SPMM	Marine on St.	61.22	51	eP	P	09 47 29.0	+0.1
H36A	Jessenland, He	61.22	52	P	P	09 47 29.9	+1.0
K33A	Hardington	61.34	56	P	P	09 47 30.5	+0.6
NB2	NORSAR Subarra	61.35	344	P	P	09 47 28.9	-0.8
NOA	NORSAR Array B	61.35	344	P	P	09 47 28.8	-0.9
M31A	Lambrecht Ranc	61.38	58	P	P	09 47 30.5	+0.3
KSCO	Kaye Shedlock	61.39	62	P	P	09 47 31.2	+0.9
KSCO	Kaye Shedlock	61.39	62	eP	P	09 47 32.1	+1.8
P28A	Saint Francis	61.39	61	P	P	09 47 31.1	+0.8
O29A	4D Ranch, Culb	61.44	60	P	P	09 47 31.3	+0.7
214A	Organ Pipe Nat	61.44	75	P	P	09 47 32.4	+1.7
214A	Organ Pipe Nat	61.44	75	eP	P	09 47 32.1	+1.4
J35A	Milford	61.59	54	P	P	09 47 44.0	+1.8
I36A	Fitzsimmons Fa	61.62	53	P	P	09 47 32.4	+0.8
H37A	Lierke Farm, C	61.67	52	P	P	09 47 32.4	+0.5
K34A	Le Mars	61.70	55	P	P	09 47 33.2	+0.9
BGNE	Belgrade	61.73	57	P	P	09 47 33.4	+0.9
BGNE	Belgrade	61.73	57	eP	P	09 47 33.7	+1.2
Q28A	Sharon Springs	61.74	62	P	P	09 47 33.7	+1.0
Q30A	NW Ranch, Wils	61.76	60	P	P	09 47 33.5	+0.7
P29A	Atwood	61.77	61	P	P	09 47 33.5	+0.6
N31A	Bailey Ranch,	61.80	58	P	P	09 47 33.7	+0.7
I37A	Lemond, Waseca	61.90	52	P	P	09 47 34.4	+0.9
T25A	Trinidad	61.92	65	eP	P	09 47 36.2	+2.1
J36A	Seneca 1, Swea	62.01	54	P	P	09 47 34.8	+0.5
O40A	Svendsen Farm,	62.13	56	P	P	09 47 35.6	+0.4
Q31A	Woolen Ranch,	62.13	59	P	P	09 47 35.9	+0.6
P30A	Selden	62.15	60	P	P	09 47 35.9	+0.4
N32A	Stuken Farm,	62.16	58	P	P	09 47 35.9	+0.5
TUC	Tucson	62.27	73	P	P	09 47 37.7	+1.4
TUC	Tucson	62.27	73	eP	P	09 47 38.3	+2.0
TUC	comp-Z,4.1nm,1.0s			P	P	09 47 38.3	+2.0
Q29A	Oakley	62.30	61	P	P	09 47 36.8	+0.4
R28A	Tribune	62.31	62	P	P	09 47 37.3	+0.8
I38A	Scanlan Farm,	62.35	52	P	P	09 47 37.0	+0.4
J37A	Redenius Farm,	62.38	53	P	P	09 47 37.5	+0.7
M34A	Aspy Farms, Fr	62.40	56	P	P	09 47 37.7	+0.7
L35A	Bielow Farm, R	62.41	55	P	P	09 47 37.3	+0.3

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K36A	Gilmore City	62.50	54	P	P	09 47 38.2	+0.6
ANMO	Albuquerque	62.54	68	P	P	09 47 39.7	+1.1
ANMO	Albuquerque	62.54	68	eP	P	09 47 39.7	+1.5
ANMO	Albuquerque	62.54	68	iP	P	09 47 39.4	+1.1
O32A	Brockman Farm,	62.56	58	P	P	09 47 38.2	+0.1
N33A	J Bar K, Exete	62.58	57	P	P	09 47 38.5	+0.3
P31A	Stockton	62.60	60	P	P	09 47 38.7	+0.4
LAZ	Ladron	62.60	69	eP	P	09 47 41.0	+2.4
Q30A	Quinter	62.61	61	P	P	09 47 39.3	+0.8
SCHO	Schefferville	62.67	30	P	P	09 47 37.0	-1.5
SCHO	comp-Z,2.7nm,0.6s,baz=360,slow=8.0,SNR=6.9			LR	LR	10 16 24.5	
L36A	Harm Buss Farm	62.82	55	P	P	09 47 40.5	+0.7
M35A	Neola	62.84	56	P	P	09 47 40.3	+0.4
S28A	Maize	62.84	63	P	P	09 47 40.7	+0.7
J38A	Wedel Dairy, R	62.86	52	P	P	09 47 40.0	0.0
P32A	Hutting Farm,	62.90	59	P	P	09 47 40.5	+0.2
N34A	Lincoln	62.95	57	P	P	09 47 40.7	0.0
CBKS	Cedar Bluff	62.97	60	P	P	09 47 41.0	+0.2
O33A	Hebron	63.03	58	P	P	09 47 41.4	+0.2
BNM	Barren Site	63.07	68	eP	P	09 47 43.9	+2.1
R30A	Dighton	63.12	61	P	P	09 47 42.0	+0.2
S29A	Ulysses	63.21	62	P	P	09 47 43.0	+0.5
L37A	Phoenix Point,	63.22	54	P	P	09 47 42.4	0.0
K38A	Parkersburg	63.26	53	P	P	09 47 42.7	+0.1
N35A	Tabor	63.34	56	P	P	09 47 44.1	+0.9
O34A	Beatrice	63.38	57	P	P	09 47 43.5	+0.1
Q32A	Meitler Ranch,	63.41	59	P	P	09 47 43.7	0.0
R31A	Buratt	63.48	61	P	P	09 47 44.4	+0.2
T29A	Hugoton	63.48	63	P	P	09 47 44.6	+0.3
S30A	Montezuma	63.52	62	P	P	09 47 44.5	0.0
L38A	Oak Wood Farm,	63.57	53	P	P	09 47 44.7	0.0
M37A	Trindle Farm,	63.65	55	P	P	09 47 45.7	+0.4
VORD	Divnogorie	63.66	324	eP	P	09 47 43.5	-1.6
O35A	Humboldt	63.68	57	P	P	09 47 45.5	+0.1
N36A	Muff Farm, Cla	63.70	56	P	P	09 47 46.1	+0.5
121A	Cookes Peak, D	63.70	70	P	P	09 47 48.2	+2.2
121A	Cookes Peak, D	63.70	70	eP	P	09 47 47.7	+1.8
Q34A	Connelly Farm,	63.76	59	P	P	09 47 46.3	+0.3
P33A	Walnut Farm, R	63.81	58	P	P	09 47 46.4	+0.4
M38A	Pleasantville	64.04	54	P	P	09 47 47.9	+0.1
N37A	Lee Faris, Mou	64.09	55	P	P	09 47 48.9	+0.7
P35A	Duane Minner,	64.21	57	P	P	09 47 48.7	-0.2
R33A	Olander Ranch,	64.22	59	P	P	09 47 49.0	-0.1
SS2A	Newby Ranch, P	64.23	61	P	P	09 47 49.1	-0.1
O36A	Bolkow	64.23	56	P	P	09 47 49.5	+0.5
Q34A	Chapman	64.25	58	P	P	09 47 49.2	0.0
N38A	Joos South For	64.51	55	P	P	09 47 50.8	-0.2
P36A	Good Intent, A	64.52	57	P	P	09 47 50.9	-0.1
R34A	Isabella, Hill	64.59	59	P	P	09 47 51.2	-0.2
O37A	Wolven Farm, M	64.59	56	P	P	09 47 51.8	+0.4
T32A	Huddler Ranch,	64.65	61	P	P	09 47 51.6	-0.3
Q35A	Mercer Eighty,	64.73	58	P	P	09 47 51.8	-0.6
N39A	Derby Farms, D	64.78	54	P	P	09 47 52.5	-0.2
U31A	Nine Bar Ranch	64.82	62	P	P	09 47 53.4	+0.3
O38A	Galt	64.94	55	P	P	09 47 53.7	+0.1
P37A	Lathrop	64.95	56	P	P	09 47 53.8	0.0
VLD0	Val d'Or	65.05	40	eP	P	09 47 52.0	-2.2
AMTX	Amarillo	65.06	64	P	P	09 47 55.0	+0.3
MSTX	Muleshoe	65.22	66	P	P	09 47 56.0	+0.2
MSTX	Muleshoe	65.22	66	eP	P	09 47 56.5	+0.8
MSTX	comp-Z,1.1nm,0.9s			P	P	09 48 10.4	-1.4
U32A	Winter Ranch,	65.24	61	eP	P	09 47 56.0	+0.2
O39A	Kirksville	65.26	54	P	P	09 47 56.1	+0.3
P38A	Dawn	65.31	56	P	P	09 47 56.1	0.0
R36A	Gordon, Harris	65.41	58	P	P	09 47 56.3	-0.5
Q37A	Longview Farm,	65.47	57	P	P	09 47 56.8	-0.3
S35A	Otter Creek Ra	65.52	59	P	P	09 47 57.1	-0.4
T34A	McClaskey Farm	65.62	60	P	P	09 47 57	

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MSWV, JCCZ, JCKB, etc.

BEO 23 11:23:25.6:0.7, 40.19N-20.77E, h5km, 3km, M3.1/1
TIR 23 11:23:27.1:1.6, 40.74N-20.71E, h2km, 99km, ML3.2
ATH 23 11:23:28.4:0.72N-20.73E, h20km, 1km, ML3.1/7, Error ellipse: s-maj=1.6km s-min=0.6km az=110.0, Analyst: Agalos ML Amplitudes are expressed in micrometres All distances are expressed in km

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

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TIR, MEV, JAN, etc.

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

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like CMBO Columbo, Santo, NISRO Nisros, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like SERG Sergoula, SHUT Suhut-Afyon, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical parameters. Includes stations like 1.6m, 1.1s, baz=304, slow=9, SNR=4.6, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like OTUK, KKAR, MJAR, MJAJO, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like KMBO, STKA, YKA, YKBS, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like BVAR, CMAR, AKTO, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like WEL, CRLZ, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like OXF, LTX, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like RATA, INZ, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like OXF, LTX, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like DEN, BSWZ, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like SIR, SIRT, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like HAK, BAT, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like KRSC, ISCB, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like MOS, IDC, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like ISC, KRBG, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KMNr, KMNr, KPT, Kopyto, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMAR, Chiang Mai Arr, 78.00 295, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like URZ, Urewera, 12.34 185, etc.

IDC 23 14:13:26.42.1, 19.355:168.47E, h0km, mb3.8/5, mb1 4.1/6, mb1mx3.8/26, mbtmp3.8/6, ML3.9/1, MS3.9/2, Ms1 4.0/2, ms1mx3.0/27, Error ellipse: s-maj=69.3km, s-min=27.6km az=135.0, ISCBJ 23 14:13:29.9.1.8, 19.45:0.2:168.4E:0.3, h33km, mb3.7/5, MS3.9/2, Error ellipse: s-maj=49.8km s-min=11.5km az=25.7, ISC 23 14:13:31.2.1.9, 19.55:0.2:168.5E:0.4, h35km, n8, =0879.8, mb3.8/5, Vanuatu Islands

IDC 23 14:26:42.1:50.0, 15.825:174.77W, h0km, mb3.9/3, mb1 4.0/3, mb1mx3.6/32, mbtmp3.9/3, Error ellipse: s-maj=948.5km s-min=170.8km az=78.0, Tonga Islands Code Station Name Az Az2 Phase ID Time Res h m s ISC STKA Stephens Creek 42.69 240 Op P 14 34 40.7 -0.2 WRA Warramunga Arr 48.47 257 P 14 35 26.9 -0.1 ASAR Alice Springs 48.73 252 P 14 35 28.9 -0.1

WEL 23 14:46:06.4:0.2, 43.575:172.71E, h9km, ML3.5/10, 4C-2D, Error ellipse: s-maj=2.7km s-min=1.0km az=90.0, South Island Code Station Name Az Az2 Phase ID Time Res h m s ISC CRLZ Canterbury Las 0.06 269 Op P 14 46 08.3 0.0 CRLZ Canterbury Las 0.06 269 Op P 14 46 08.3 0.0 CRLZ Canterbury Las 0.06 269 Op P 14 46 08.3 0.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KPKS, SATY, ZHN, DJR, MAKZ, MK31.

DDA 23 15:44:12.1, 39:36N-27:68E, h7km, M13.5
ISC 23 15:44:12.8, 39:36N-27:65E, h7km, ML3.2
CSEM 23 15:44:13.0, 0.1, 39:34N-27:65E, h5km, ML3.2, Error

Main table for 1195 page, listing station codes (BALB, BALK, BALS, etc.), station names, and their respective coordinates and phases.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ENEZ, BUY, BUY, CAVI, CAVI, CAVI, etc.

IDC 23 15:50:07.8, 0.9, 27:66N:143:61E, h0km, mb3.8/9, mb1.4, 0/13, mb1mx3.8/44, mbtmp3.8/13, ML3.4/4, Error

Main table for 2011 FEB page, listing station codes (CBJ, JCJ, BSO, etc.), station names, and their respective coordinates and phases.

Main table for 23d 15h page, listing station codes (CMAR, CMAI, CMAI, etc.), station names, and their respective coordinates and phases.

23d 16h

Table with columns: KKK, Kakani, 17.56 304 eP, Pn, 15 57 21.1 +0.1, etc. Lists various station codes and their associated data.

2011 FEB

Table with columns: KURK, Kurchatov, 36.78 335 eP, P, 16 00 23.7 +0.2, etc. Lists various station codes and their associated data.

1196

Table with columns: YKA, Yellowknife Ar, 92.72 25 P, P, 16 12 20.4 +0.2, etc. Lists various station codes and their associated data.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ELT, ELT, ELT, UBSM, UBSM, UBSM, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like AAK, AAK, AAK, Ala-Archa, UCH, UCH, KSH, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SNY, GYA, GYA, GYA, GYA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC. Includes stations like URLA Izmir, APE Apeiranthos, DEMI Demirci, etc.

ISC/JB 23 18:00:06.0:6.3,67:13N:0.02:20:81E:0.06,h0km, Error ellipse: s-maj=3.4km s-min=3.2km az=151.6

UPP 23 18:00:07.5:0.1,67:18N:20:66E,h0km,ML2.1, Explosion CSEM 23 18:00:07.5:0.2,67:16N:20:72E,h2km,ML2.0, Error ellipse: s-maj=4.9km s-min=4.2km az=87.0, Mining explosion:

IDC 23 18:00:08.0:0.8,67:15N:20:97E,h0km,mb1 2.9/4, mb1mx2.8/39,mbtmp2.9/4,ML2.6/4, Error ellipse: s-maj=14.4km s-min=6.2km az=117.0

HEL 23 18:00:08.2:0.1,67:18N:20:64E,h0km,ML2.0, ML2.1(UPP),Explosion

NAO 23 18:00:08.2:0.9,67:16N:20:95E,ML2.5, BER 23 18:00:10.2:4.5,67:16N:20:73E,h0km,ML2.0, ML2.5(NAO), Suspected explosion

ISC 23 18:00:07.5:0.7,67:18N:0.02:20:70E:0.02,h0km,n81, e1111/18,Sweden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC. Includes stations like DUNU Dunderet, MASU Masugnabyrn, etc.

HEF comp=Z,11nm,0.2s

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC. Includes stations like HEF Hetta, SJUU Sjulsmark, etc.

KIF comp=Z,13nm,0.2s

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC. Includes stations like LILU Lilltraesk, KTK1 Kautokeino, etc.

STEI comp=Z,14nm,0.5s

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC. Includes stations like STEI Steigen, SGF Sodankyl, etc.

TRO comp=Z,11nm,0.4s

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC. Includes stations like BURU Burvik, MOR8 Moi Rana, etc.

AREO ARCESS Array S

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC. Includes stations like AREO ARCESS Array S, ARAO ARCESS Array S, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC. Includes stations like KEV SNR=50, KEV SNR=50, MSF Maaseika, etc.

MAN 23 18:22:49,8:31N:126:54E,h31km,mb4.2,ML3.1,MS2.8, 2C-1D,Mindanao

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

WEL 23 18:23:02.9:0.1,43:59S:172:63E,h5km,ML3.5/7, Error ellipse: s-maj=2.4km s-min=0.8km az=90.0,South Island

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

IDC 23 18:37:53.7:7.1,6:57S:129:94E,h132km,68km,mb3.9/2, mb1 4.0/6,mb1mx3.4/37,mbtmp4.3/6, Error ellipse: s-maj=58.4km s-min=19.8km az=47.0,Banda Sea

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

ISC/JB 23 18:53:42.0:4.8,25:00N:0.05:122:28E:0.03,h2km,4km,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC. Includes stations like TWP1 Santiao Chiao, TWP1 Santiao Chiao, etc.

Error ellipse: s-maj=8.6km s-min=4.2km az=6.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC. Includes stations like TAP 23 18:53:43.1:24.97N:122:20'E,h8km,ML2.7,D, JMA 23 18:53:43.1:0.1,24:88N:122:21'E,h0km,ML2.4, ISC 23 18:53:43.2:1.3,24:95N:122:22'E:0.03,h3km,11km, n23,e062/41,2C-4D,Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC. Includes stations like TWP1 Santiao Chiao, TWP1 Santiao Chiao, etc.

Code Station Name Az Az' Phase ID Time Res Res ISC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC. Includes stations like TWP1 Santiao Chiao, TWP1 Santiao Chiao, etc.

Code Station Name Az Az' Phase ID Time Res Res ISC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC. Includes stations like TWP1 Santiao Chiao, TWP1 Santiao Chiao, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC. Includes stations like TWP1 Santiao Chiao, TWP1 Santiao Chiao, etc.

Code Station Name Az Az' Phase ID Time Res Res ISC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC. Includes stations like TWP1 Santiao Chiao, TWP1 Santiao Chiao, etc.

Code Station Name Az Az' Phase ID Time Res Res ISC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC. Includes stations like TWP1 Santiao Chiao, TWP1 Santiao Chiao, etc.

Code Station Name Az Az' Phase ID Time Res Res ISC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC. Includes stations like TWP1 Santiao Chiao, TWP1 Santiao Chiao, etc.

Code Station Name Az Az' Phase ID Time Res Res ISC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC. Includes stations like TWP1 Santiao Chiao, TWP1 Santiao Chiao, etc.

Code Station Name Az Az' Phase ID Time Res Res ISC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC. Includes stations like TWP1 Santiao Chiao, TWP1 Santiao Chiao, etc.

Code Station Name Az Az' Phase ID Time Res Res ISC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC. Includes stations like TWP1 Santiao Chiao, TWP1 Santiao Chiao, etc.

Code Station Name Az Az' Phase ID Time Res Res ISC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC. Includes stations like TWP1 Santiao Chiao, TWP1 Santiao Chiao, etc.

Code Station Name Az Az' Phase ID Time Res Res ISC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res, ISC. Includes stations like TWP1 Santiao Chiao, TWP1 Santiao Chiao, etc.

Code Station Name Az Az' Phase ID Time Res Res ISC

23d 20h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Cerro Bola, Cerro Bola Tijuana, Esteban Cantu, Punta Banda, etc.

2011 FEB

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Cerro Bola, Cerro Bola Tijuana, Esteban Cantu, Punta Banda, etc.

1202

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

Table with columns: Code, Station Name, Az, El, S, N, P, Res. Includes stations like Quartz Range, Jackson Bay, Moikau Station, Wanaika, Earnsclough, Cannon Point, etc.

Table with columns: Code, Station Name, Az, El, S, N, P, Res. Includes stations like Rata Peaks, Kahutara, Waitaha Valley, Tophouse, Denniston North, Lake Benmore, etc.

Table with columns: Code, Station Name, Az, El, S, N, P, Res. Includes stations like Wanaika, Earnsclough, Moikau Station, Paruwai Farm, Cannon Point, etc.

Table with columns: Code, Station Name, Az, El, S, N, P, Res. Includes stations like Canterbury Las, McQueen's Vall, Oxford, etc.

Table with columns: Code, Station Name, Az, El, S, N, P, Res. Includes stations like Rata Peaks, Kahutara, Waitaha Valley, Tophouse, etc.

Table with columns: Code, Station Name, Az, El, S, N, P, Res. Includes stations like Wanaika, Earnsclough, Moikau Station, Paruwai Farm, Cannon Point, etc.

23d 21h

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like TONANKAI O.B.S., Sado, Kozaga, Sasagawa, etc.

2011 FEB

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like KLMR, ARCES ARCES Array B, YKA, etc.

1206

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like IDC 23 21:48:07.9, MATI, etc.

1209

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like NRK, GKN, PSI, etc.

2011 FEB

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like BVAR, BVAR, BRVK, etc.

23d 22h

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like KBS, HSPB, LVZ, etc.

23d 22h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ASUD, TBLG, KULLO, ZEI, L2ED, SAW, G05D, KBZ, KIV, HUMO, ONI, I05D, G06A, MOR8, KHMM, GNI, GNI, GNI, HAWA, EDM, EDM, D08A, K09A, KONS, FLOS, YBH, YBH, YBH, AKH, AKH, AKH, KMRM, M02C, K04D, J05D, VSU, NEW, NEW, NEW, EAK, CHVG, N02D, KIPM, M04C, DIGO, WDC, WDC, K05A, DBOC, F10A, DBAD, SOC, SOC, SOC, EATA, TUTA, TVAN, MOD, M0CCM, NSS, WALA, HAKT, BSMT, ORV, ORV, OHCM, BLMT.

2011 FEB

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MCGM, MNK, ERZM, JTIM, ANN, ANN, YBMT, WVOR, WVOR, SWMT, AFDM, URZ, MSO, SCO, SCO, TBLU, RAR, CHMT, SAO, SAO, BKZ, EUZM, CMB, CMB, KELTS, MFID, AKASG, AKASG, WAKR, SUSE, SIM, SIM, SIM, THZ, LRM, HLID, DOMB, DOMB, FFC, FFC, FFC, MOL, MOL, NB2, NB2, NOA, NOA, DLMT, SNZO, NC602, NC602, SUW, SUW, BFZ, EGMT, NVAR, NVAR, MCMT, MLAC, ILULI, ILULI, SAMS, F0Z, BOZ, BOZ, FCC, FCC, AKN, AKN, MTUM, SMMC, CUKAN, RCTC, KHZ, KHZ, KHZ, ELK, ELK, RPZ, OSL, OSL, VES, QLMT, KLNK, KLNK, CUALT, BOYT, BORN, MNKR, LBZ.

1210

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like CUSAR, YMR, KSRV, G5MT, ISA, ISA, ISA, YNR, ARVC, GRAC, SCZ2, MLZ, KONO, KONO, KONO, YFT, PINB, COAL, H17A, H17A, DAC, DAC, DAC, FLOWY, OSLO, BLG, HVU, HVU, HVU, FWXY, MPMC, R11A, R11A, ODZ, SNCC, MOOW, AYKD, LRMC, FURC, REDW, SNOW, LEOM, LOHW, BGU, EDW2, KUZU, ASKY, TPNV, TPNV, TPNV, DECC, BER, BER, LVV, LVV, LVV, AHID, SPUT, CDAG, PASC, SFJD, SFJD, SFJD, MWC, MWC, ELDT, DRWC, AVNS, BEL, BEL, TLRP, FMP, CIS, HWUT, BLS5, DUG, DUG, DUG, BFSC, GSC, GSC, GSC, DGMT, SCIO, LAO, SHOC, BRTR, BRTR, RRR, BSD.

23d 22h

ISCO	baz=305	86.44	45	eP	P	22 26 37.7 +1.3
ISCO	comp=Z,40nm,1.5s	86.44	45	eP	P	22 26 37.7 +1.3
ISCO	comp=Z,40nm,1.5s			pmax	pmax	
NKC	Novy Kostel	86.48	329	eP	P	22 26 36.5 +0.4
NKC				ePCP	P	22 26 39.3 +0.9
NKC				eP	P	22 29 57.7 -0.4
NKC	Novy Kostel	86.48	329	eP	P	22 26 36.5 +0.4
NKC				eP	P	22 29 57.7 -0.4
C33A	Trail	86.49	34	P	P	22 26 35.6 -0.6
B34A	Aery, Baudette	86.51	33	P	P	22 26 35.0 -1.2
DRUM	Mains of Drum	86.51	341	eP	P	22 26 36.1 +0.1
TBI	Tubuaj	86.52	120	eP	S	22 26 38.5 +2.0
TBI	comp=Z,67nm,1.1s	86.52	120	eS	S	22 27 02.3 -2.7
TBI	comp=Z,136nm,31.2s	86.52	120	eLR	LR	22 53 40.4
MDO	Dochofour	86.57	342	eP	P	22 26 36.3 0.0
F31A	Hecla	86.58	37	P	P	22 26 35.8 -0.8
CONA	Conrad Observa	86.60	326	iP	P	22 26 37.1 +0.3
G30A	Faulkton	86.62	39	P	P	22 26 36.5 -0.3
J28A	Allard Ranch,	86.64	40	P	P	22 26 37.1 +0.1
E32A	Braaten, Kindr	86.67	36	P	P	22 26 36.7 -0.3
W18A	Petrified Fore	86.68	51	P	P	22 26 37.4 -0.2
AYDN	Tasoluk	86.71	313	iP	P	22 26 37.3 -0.2
I29A	Vivian Onida	86.75	39	P	P	22 26 37.5 0.0
MMB	Musomiste	86.75	318	P	P	22 26 37.4 -0.2
RRH	Rhenigdale	86.75	341	eP	P	22 26 37.9 +0.8
KAC	Achnashellach	86.77	342	eP	P	22 26 38.0 +0.7
KHC	Kasperske Hory	86.79	328	eP	P	22 26 37.4 -0.2
KHC				eP	P	22 29 59.9 -0.7
KHC	Kasperske Hory	86.79	328	eP	P	22 26 37.0 -0.7
KHC	comp=Z,31nm,1.6s			ePP	PP	22 20 01.9 +1.3
KHC	Kasperske Hory	86.79	328	eP	PP	22 26 37.0 -0.7
KHC				e		22 20 01.9
X18A	Snowflake	86.89	51	eP	P	22 26 39.7 +1.1
D33A	AnnSam, Waubun	86.89	35	P	P	22 26 38.2 0.0
KKB	Krupnik	86.94	318	P	P	22 26 38.7 +0.2
GERES	GERESS Array B	86.94	328	P	P	22 26 37.6 -0.8
GERES	comp=Z,5.3nm,0.5s,baz=36,slow=5.8,SNR=46			PP	PP	22 20 03.5 +1.6
S22A	4UR Ranch, Cre	86.96	47	P	P	22 26 39.3 +0.3
S22A	4UR Ranch, Cre	86.96	47	eP	P	22 26 39.9 +0.9
EDU	Dundee	86.97	341	eP	P	22 26 38.6 +0.3
C34A	RKJ Ranch, Bem	86.98	34	P	P	22 26 37.8 -0.7
KPL	Plockton	87.00	342	eP	P	22 26 39.1 +0.8
B35A	Bob, Littlefor	87.03	33	P	P	22 26 38.5 -0.2
K28A	Ten Mile Ranch	87.03	41	P	P	22 26 38.7 -0.3
G31A	Conde	87.04	37	P	P	22 26 38.8 -0.1
KSB	Sheil Bridge	87.05	342	eP	P	22 26 39.1 +0.5
J29A	Okreek	87.14	39	P	P	22 26 39.3 -0.1
F32A	Veblen	87.15	36	P	P	22 26 38.9 -0.5
SUSD	Miller	87.18	38	P	P	22 26 39.1 -0.5
ARSA	Arzberg	87.24	326	iP	P	22 26 40.1 +0.3
Q24A	Divide	87.24	45	P	P	22 26 40.8 +0.3
Q24A	Divide	87.24	45	eP	P	22 26 41.4 +0.0
D34A	Park Rapids	87.25	34	P	P	22 26 39.6 -0.2
E33A	Westby DABS, E	87.26	35	P	P	22 26 39.7 -0.2
I30A	Oacoma	87.29	39	P	P	22 26 40.1 0.0
G32A	Webster	87.38	37	P	P	22 26 40.7 +0.1
C35A	Jirik Farms, M	87.39	33	P	P	22 26 40.4 -0.1
ESY	Stoneypath	87.40	340	eP	P	22 26 40.9 +0.5
MOA	Molin	87.41	327	iP	P	22 26 40.9 +0.3
H31A	Wolsey	87.42	38	P	P	22 26 40.8 +0.2
GRFO	Grafenberg	87.42	330	eP	P	22 26 40.4 -0.2
GRFO	Grafenberg	87.42	330	eP	P	22 26 40.4 -0.2
GRFO				pmax	pmax	
K29A	Lazy Trails An	87.58	40	P	P	22 26 41.4 -0.2
F33A	5 Mile Ranch,	87.58	36	P	P	22 26 41.3 -0.2
TUC	Tucson	87.63	53	eP	P	22 26 43.1 +1.1
TUC	Tucson	87.63	53	eP	P	22 26 43.1 +1.1
J30A	Dallas	87.65	39	P	P	22 26 41.5 -0.4
EAB	Aberfoyle	87.66	341	eP	P	22 26 42.0 +0.4
E34A	Wadena	87.66	35	P	P	22 26 41.7 -0.1
I31A	Royce, Wessing	87.68	38	P	P	22 26 41.6 -0.4
SDCO	Great Sand Dun	87.79	46	eP	P	22 26 43.7 +0.7
D35A	Remer	87.80	34	P	P	22 26 41.5 -1.0
OGNE	Ogallala	87.81	42	eP	P	22 26 43.3 +0.5
C36A	Pine Crest Far	87.87	33	P	P	22 26 42.2 -0.6
SOKA	Soboth	87.89	326	iP	P	22 26 42.4 -0.6
M28A	Bar X Bar Ranc	87.90	41	P	P	22 26 42.6 -0.6
H32A	Carlson Farm,	87.93	37	P	P	22 26 42.7 -0.5
L29A	Maesberg Ranch	87.95	41	P	P	22 26 43.3 -0.1
G33A	Ortonville	87.96	36	P	P	22 26 43.1 -0.2
E35A	Pequot Lakes	88.00	34	P	P	22 26 42.5 -1.0
K30A	Basset	88.02	40	P	P	22 26 43.5 -0.2
PGBU	Glenfirbraes	88.02	341	eP	P	22 26 44.3 +1.0
PGBU				AMB	AMB	22 26 44.5
J31A	Geddes	88.08	39	P	P	22 26 43.6 -0.2
ESK	Eskdalemuir	88.09	340	eP	P	22 26 44.1 +0.4
ESK				AMB	AMB	22 26 49.4
ESK	comp=Z,173nm,4.3s	88.09	340	eP	P	22 26 44.6 +1.0
ESK	comp=Z,93nm,1.3s	88.09	340	eP	P	22 26 44.6 +1.0
ESK				pmax	pmax	
F34A	Alexandria	88.13	35	P	P	22 26 44.3 +0.2
D36A	Goodland	88.14	33	P	P	22 26 44.1 0.0
H33A	Prehn Over Nor	88.17	37	P	P	22 26 44.3 0.0
C37A	Embarrass	88.24	32	P	P	22 26 44.6 +0.3
OBKA	Obir	88.24	326	iP	P	22 26 44.6 0.0

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I32A	Karley and Nic	88.25	38	P	P	22 26 44.7 0.0
M29A	Burnside Ranch	88.25	41	P	P	22 26 44.4 -0.5
N28A	Prignano Ranch	88.27	42	P	P	22 26 44.7 -0.2
BHH	Howats Hill	88.28	340	eP	P	22 26 44.6 0.0
G34A	Benson	88.33	36	P	P	22 26 44.8 -0.2
EYMN	comp=Z,29nm,1.4s	88.35	32	eP	P	22 26 46.0 +0.9
KBA	Koelnbreinsper	88.40	327	iP	P	22 26 44.6 -0.9
F35A	Swanville	88.42	35	P	P	22 26 45.4 0.0
L30A	Spencer Herefo	88.45	40	P	P	22 26 45.8 +0.1
J32A	Parkston	88.50	38	P	P	22 26 45.6 -0.2
O28A	Krutsinger Ran	88.50	43	P	P	22 26 45.7 -0.3
D37A	Cotton	88.50	33	P	P	22 26 46.3 +0.5
K31A	O'Neill	88.52	39	P	P	22 26 45.7 -0.3
I33A	Coleman	88.58	37	P	P	22 26 46.2 0.0
E36A	McIntosh	88.58	34	P	P	22 26 46.5 +0.4
MYKA	Terra Mystica	88.58	326	iP	P	22 26 45.0 -1.2
LJU	Ljubiana	88.58	326	iP	P	22 26 45.3 -0.9
C38A	Sawbill Land.	88.62	32	P	P	22 26 46.1 -0.2
M30A	Dale-Ortello V	88.64	41	P	P	22 26 46.8 +0.2
H34A	Spelman Lake,	88.67	36	P	P	22 26 47.0 +0.4
KE5W	Keswick, Cumbr	88.69	340	eP	P	22 26 46.7 +0.3
PDG	Podgorica	88.69	321	iP	P	22 26 47.1 +0.4
N29A	Votaw Ranch, W	88.70	42	P	P	22 26 46.5 -0.5
KSCO	Kaye Shedlock'	88.72	44	P	P	22 26 47.1 0.0
KSCO	Kaye Shedlock'	88.72	44	eP	P	22 26 48.6 +1.4
L31A	Butterfield Fa	88.78	40	P	P	22 26 47.1 -0.2
T25A	Trinidad	88.84	46	P	P	22 26 47.5 -0.4
T25A	Trinidad	88.84	46	eP	P	22 26 49.0 +1.1
CEY	Cernicka	88.85	325	iP	P	22 26 46.5 -1.0
MEM	Mernbach	88.85	331	P	P	22 26 47.1 -0.2
P28A	Saint Francis	88.87	43	P	P	22 26 47.6 -0.2
ECSD	EROS Data Cent	88.89	37	eP	P	22 26 48.0 +0.3
GAL1	Galloway	88.91	341	eP	P	22 26 47.5 -0.1
GAL1				AMB	AMB	22 26 49.5
K32A	Verdigre	88.92	39	P	P	22 26 47.7 -0.1
G35A	Watkins	88.92	35	P	P	22 26 47.9 +0.1
ANMO	Albuquerque	88.92	49	eP	P	22 26 49.4 +1.1
ANMO	Albuquerque	88.92	49	eP	P	22 26 49.4 +1.1
ANMO				pmax	pmax	
F36A	Milaca	88.93	34	P	P	22 26 47.3 -0.5
J33A	Davis	89.00	38	P	P	22 26 48.0 -0.2
N30A	Hueftle Ranch,	89.01	41	P	P	22 26 48.7 +0.3
WATA	Wareslam	89.02	328	iP	P	22 26 47.9 -0.5
ABTA	Abfaltersbach	89.03	327	iP	P	22 26 47.1 -1.2
C39A	Grand Marais	89.06	31	P	P	22 26 48.0 -0.4
O29A	4D Ranch, Culb	89.06	42	P	P	22 26 48.6 -0.1
I34A	Hadley	89.07	37	P	P	22 26 48.3 -0.3
H35A	Sunnyside Ranc	89.12	36	P	P	22 26 49.0 +0.2
Y22D	IRIS PASCAL I	89.16	50	P	P	22 26 48.8 -0.5
Q28A	Shan Springs	89.16	43	P	P	22 26 49.4 +0.2
319A	Douglas	89.21	53	eP	P	22 26 52.8 +3.2
MOTA	Mossalm	89.23	328	iP	P	22 26 48.5 -0.9
G36A	St. Michael	89.27	35	P	P	22 26 49.1 -0.4
M31A	Lambrecht Ranc	89.27	40	P	P	22 26 49.0 -0.6
RETA	Reutte	89.27	328	iP	P	22 26 48.7 -0.8
BCLA	Clavier	89.28	333	P	P	22 26 49.9 +0.6
BNM	Barren Site	89.30	50	eP	P	22 26 51.3 +1.2
P29A	Atwood	89.33	43	P	P	22 26 49.7 -0.2
L32A	Elgin	89.35	39	P	P	22 26 49.1 -0.8
HSIG	comp=Z,18nm,1.1s	89.44	56	eP	P	22 26 51.2 +0.7
O30A	MW Ranch, Wils	89.45	42	P	P	22 26 50.0 -0.4
K33A	Hardington	89.48	38	P	P	22 26 50.7 +0.2
121A	Cookes Peak, D	89.53	52	P	P	22 26 51.8 +0.7
WLF	Walferdange	89.54	332	P	P	22 26 50.9 +0.3
WLF	Walferdange	89.54	332	eP	P	22 26 51.6 +1.0
WLF	Walferdange	89.54	332	eP	P	22 26 51.6 +1.0
WLF				pmax	pmax	
J34A	George	89.55	37	P		

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include KSU1 Kansas State U, P35A Duane Minner, N37A Lee Faris, M38A Pleasantville, R34A Isabella Hill, S33A Kaszmaul Farm, RSL Roselend, DYA Yadsworth, P36A Good Intent, T33A Patterson Ranc, Q35A Mercer Eighty, U32A Winter Ranch, O37A Wolven Farm, N38A Joes South For, LP1G La Paz, S34A Willow Spring, Q36A Arrold C. Orve, R35A Emporia Municipi, BNI Bardonecchia, BNI Bardonecchia, P37A Lathrop, V32A Arapaho, N39A Derby Farms, U33A Lingo Farm, O38A Galt, T34A McClaskey Farm, S35A Otter Creek Ra, R36A Gordon Harris, SLBS Sierra La Lagu, W32A Sentinel, V33A Lossen Ranch, P38A Dawn, U34A Anderson Ranch, U34A Anderson Ranch, Q37A Longview Farm, O39A Kirksville, PLDF La Plantade, AGO Saint Agoulin, S36A Lake Cedric, R37A Teagarden Farm, SSB Saint Sauveur, SSB Saint Sauveur, SSB Saint Sauveur, T35A Sooner Cattle, X32A Elmer, W33A Caddo, Fort Co, WMOK Wichita Mounta, WMOK Wichita Mounta, Q38A Cooks Store, V34A Guthrie, V34A Guthrie, VLDO Val d'Or, O40A La Belle, P39A Salisbury, PYM Petit Puy Mans, U35A Pawnee, T36A Boggs Farm, S37A Fort Scott, W34A Bridge Creek, W34A Bridge Creek, Q39A Willow Grove F, X33A Lajitas Ar, R38A Fenwick Farm, LBL Lubilnac, TX31 Lajitas Ar, Si, TXAR Lajitas Ar, TXAR Lajitas Ar, TXAR Lajitas Ar, V35A Meyer Ranch, Y33A Hilltop Ranch, T37A Cheneyville 18, U36A Oologah, X34A Smith Ranch, R39A Chumby, Stover, S38A Stockton, Q40A Laux Farm, W35A Tecumseh, ABTX Abilene, Hawle, ABTX Abilene, Hawle, V36A Jenks, TUL1 Leonard, TUL1 Leonard.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include Z33A Whitaker Ranch, U37A Salina, T38A Diamond, HDIL Hopedale, HDIL Hopedale, S91A Hopedale, S91A Hopedale, Y34A Reagan Ranch, W36A Wetumka, X35A Drake, Z33A Hamilton Ranch, V37A Hulbert, U38A Gravette, Z34A Collier Ranch, T39A Clever, X36A Centrahoma, S40A Lebanon, Y35A Marietta, W37B Quinton, Z33A Rising Star, V38A Canehill, Z35A Peraven, San, 134A White-Moore Ra, T40A Mansfield, U39A Green Forest, Y36A Durant, X37A Clayton, 333A Richland Sprin, JCT Junction City, JCT Junction City, JCT Junction City, JCT Junction City, V39A Pettigrew, 234A Claitte, SFIN Lafayette, W38A Potomac, U40A Yellville, X38A Whitesboro, 433A Art, W39A Magazine, 334A Lometa, WHTX Lake Whitney, X39A Fountain Ranch, 434A Burnet, MIAR Mount Ida, MIAR Mount Ida, MIAR Mount Ida, 633A Saathoff Ranch, PBMO Poplar Bluff, Y39A Lockesburg, 534A Blanco, RKT Rikitea, KEST Kesra, ESDC Sonseca Array, LSZ Lusaka, LSZ Lusaka, TORD Torodi Ar. Bea, TORD Torodi Ar. Bea, TORD Torodi Ar. Bea, LBTB Lobatse, LBTB Lobatse, DBIC Dimbokro, DBIC Dimbokro, GRMC Gramalote, LIC Lamto, SDV Santo Domingo, SDV Santo Domingo, ROSC El Rosal, CHIC Chingaza, VILC Villavicencio, SNAAL Sanae, ATAH Atahualpa, VNA2 Neumayer-Watz, VNA3 Neumayer Olymp, PTGA Pitinga, USHA Ushuaia, LPAZ La Paz, LPAZ La Paz, LPB01 IPOC Station P, LPB04 IPOC Station P, LCO Las Campanas, PLCA Paso Flores, PLCA Paso Flores, SIV San Ignacio, SIV San Ignacio, EFI East Falkland, EFI East Falkland, BDFB Brasilia, CPUP Villa Florida, CPUP Villa Florida.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include ECXJ 23:22:44.43, MEXJ 23:22:44.44, ISC 23:22:44.42, California border region, DDA 23:22:52.20, ISC 23:22:52.21, WEL 23:22:58.23, ISCJB 23:23:09.22, IDC 23:23:09.23, ISC 23:23:09.24, CEP Cherat, CHCP Chirah Chowk, THW Thammie Wali, SARP Sarghoda, KK31 Karatay Array, AAK Ala-Archa, AAK Ala-Archa, IMAR Makanachi Array, PYUN Piuthan, KOLN Koldanda, GKN Gorkha, KURBB Kurchatov Arra, KKN Kakani, PKIN Pkin, GUN Gumbo, AKTO Aktyubinsk, BVAR Borovoye Array, JIRN Jiri, RAMM Ramite, TAPN Taplejung, ZALV Zalesovo Beam, ARU Aru, SOMR Songo Array, ONAR Oniang Mai Arr, JARR Chang Mai Arr, FINES Fines Array, ARCES Arces Array, NOA NORRAR Array, TORD Torodi Ar. Bea.

23d 23h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DBIC Dimbokro, WARA Warrunganga Arr, ASAR Alice Springs.

IDC 23 23:11:33.0:1.8, 51.76N:175.57W, h0km, mb3.5/6, mb1 3.8/6, mb1mx3.6/53, mbtmp3.5/6, ML4.1, 72, MS3.2/2, Ms1 3.2/2, ms1mx2.7/35, Error ellipse: s-maj=50.6km s-min=25.1km az=8.0

ISCJB 23 23:11:38.3:0.7, 51.59N:0.09:175.13W:0.05, h35km, mb3.5/6, MS3.3/1, Error ellipse: s-maj=13.2km s-min=4.6km az=176.9

NEIC 23 23:11:39.4, 51.66N:175.20W, h26km, ML3.6(AEIC), After AEIC

ISC 23 23:11:39.3:0.1, 51.7N:0.1:175.20W:0.05, h35km, n30, e088/26, mb3.5/6, Andreeof Islands

Main table for 23d 23h section, listing station codes, names, coordinates, and seismic data for various stations like GSMY, GSKC, GSTD, etc.

WEL 23 23:22:52.8:0.1, 43.57S:172.71E, h9km, ML3.7/13, 2C-2D, Error ellipse: s-maj=1.6km s-min=0.7km az=90.0, South Island

Main table for WEL section, listing station codes, names, coordinates, and seismic data for stations like CRZL, MOZ, OXF, etc.

ISCJB 23 23:23:41.4:0.7, 40.89N:0.04:34.38E:0.04, h6km, 7km, Error ellipse: s-maj=7.4km s-min=4.4km az=140.0

CSEM 23 23:23:41.7:0.2, 40.38N:34.39E:0.10km, MD2.6, Error ellipse: s-maj=4.5km s-min=2.9km az=136.0

DDA 23 23:23:41.3, 40.89N:34.42E:0.7km, MD2.7, Error ellipse: s-maj=4.5km s-min=2.9km az=136.0

ISC 23 23:23:41.3, 40.89N:0.04:34.38E:0.03, h12km, n17, e037/30, Turkey

Table for ISC section, listing station codes, names, coordinates, and seismic data for stations like CANT, BOYT, CORU, etc.

2011 FEB

Table for 2011 FEB section, listing station codes, names, coordinates, and seismic data for stations like ELDT, DIKM, HAVZ, etc.

ISK 23 23:27:47.7, 39.98N:39.79E, h5km, MD2.6, CSEM 23 23:27:48.7:0.2, 39.96N:39.78E, h2km, MD2.8, Error ellipse: s-maj=5.8km s-min=3.6km az=143.0

DDA 23 23:27:48.0, 39.96N:39.86E, h7km, MD2.8, Error ellipse: s-maj=5.8km s-min=3.6km az=143.0

ISC 23 23:27:48.5:1.0, 39.98N:0.04:39.78E:0.03, h10km, 10km, n18, e041/34, Turkey

Main table for 2011 FEB section, listing station codes, names, coordinates, and seismic data for stations like EUZM, ERZM, ERZC, etc.

IDC 23 23:38:06.0:2.1, 4.75N:126.61E, h0km, mb3.5/3, mb1 3.7/3, mb1mx3.3/45, mbtmp3.5/3, MS3.0/2, Ms1 3.0/2, ms1mx2.5/29, Error ellipse: s-maj=169.5km s-min=24.8km az=66.0, Talaud Islands

Table for IDC section, listing station codes, names, coordinates, and seismic data for stations like KAPI, WRA, ASAR, MKAR, NRIK, etc.

ISCJB 23 23:39:21.9:0.5, 36.95N:0.02:36.69E:0.02, h3km, 6km, Error ellipse: s-maj=3.2km s-min=2.9km az=1.6

ISK 23 23:39:21.3, 36.97N:36.71E, h11km, MD3.0, CSEM 23 23:39:22.0:1.1, 36.96N:36.69E, h5km, ML2.5, Error ellipse: s-maj=3.0km s-min=2.6km az=121.0

NSSC 23 23:39:22.3:1.8, 36.89N:36.97E, h4km, 12km, MD1.3, ML2.5

DDA 23 23:39:22.3, 36.96N:36.69E, h2km, MD3.1, Error ellipse: s-maj=3.2km s-min=2.9km az=1.6

ISC 23 23:39:22.3:0.9, 36.96N:0.02:36.70E:0.02, h9km, 8km, n63, e081/107, Jordan-Syria region

Main table for 2011 FEB section, listing station codes, names, coordinates, and seismic data for stations like KAMA, DRWC, DRWC, etc.

ISCJB 23 23:41:02.3:0.9, 15.17S:0.07:167.3E:0.1, h129km, mb4.1/10, mb1 4.2/11, mb1mx3.9/42, mbtmp4.5/11, MS2.8/1, Ms1 2.8/1, ms1mx2.5/34, Error ellipse: s-maj=26.0km s-min=22.3km az=109.0

NEIC 23 23:41:04.5:2.8, 15.21S:167.48E, h144km, 24km, mb4.3/5, Error ellipse: s-maj=21.4km s-min=17.1km az=195.0

ISC 23 23:41:02.9:0.9, 15.16S:0.09:167.5E:0.2, h129km, n23, e112/21, mb4.1/13, 1C, Vanuatu Islands

Main table for 2011 FEB section, listing station codes, names, coordinates, and seismic data for stations like DZM, DZM, HMR, etc.

1214

Table for 1214 section, listing station codes, names, coordinates, and seismic data for stations like SLNF, WRDH, WRDH, etc.

ISCJB 23 23:41:02.3:0.9, 15.17S:0.07:167.3E:0.1, h129km, mb4.1/10, mb1 4.2/11, mb1mx3.9/42, mbtmp4.5/11, MS2.8/1, Ms1 2.8/1, ms1mx2.5/34, Error ellipse: s-maj=26.0km s-min=22.3km az=109.0

NEIC 23 23:41:04.5:2.8, 15.21S:167.48E, h144km, 24km, mb4.3/5, Error ellipse: s-maj=21.4km s-min=17.1km az=195.0

ISC 23 23:41:02.9:0.9, 15.16S:0.09:167.5E:0.2, h129km, n23, e112/21, mb4.1/13, 1C, Vanuatu Islands

Main table for 1214 section, listing station codes, names, coordinates, and seismic data for stations like KFRF, KFRF, URFA, etc.

IDC 23 23:41:02.3:0.9, 15.17S:0.07:167.3E:0.1, h129km, mb4.1/10, mb1 4.2/11, mb1mx3.9/42, mbtmp4.5/11, MS2.8/1, Ms1 2.8/1, ms1mx2.5/34, Error ellipse: s-maj=26.0km s-min=22.3km az=109.0

NEIC 23 23:41:04.5:2.8, 15.21S:167.48E, h144km, 24km, mb4.3/5, Error ellipse: s-maj=21.4km s-min=17.1km az=195.0

ISC 23 23:41:02.9:0.9, 15.16S:0.09:167.5E:0.2, h129km, n23, e112/21, mb4.1/13, 1C, Vanuatu Islands

Main table for 1214 section, listing station codes, names, coordinates, and seismic data for stations like HAWK, HAWK, CUSAR, etc.

ISCJB 23 23:41:02.3:0.9, 15.17S:0.07:167.3E:0.1, h129km, mb4.1/10, mb1 4.2/11, mb1mx3.9/42, mbtmp4.5/11, MS2.8/1, Ms1 2.8/1, ms1mx2.5/34, Error ellipse: s-maj=26.0km s-min=22.3km az=109.0

NEIC 23 23:41:04.5:2.8, 15.21S:167.48E, h144km, 24km, mb4.3/5, Error ellipse: s-maj=21.4km s-min=17.1km az=195.0

ISC 23 23:41:02.9:0.9, 15.16S:0.09:167.5E:0.2, h129km, n23, e112/21, mb4.1/13, 1C, Vanuatu Islands

Main table for 1214 section, listing station codes, names, coordinates, and seismic data for stations like DZM, DZM, HMR, etc.

Table with columns: Station, Name, Azimuth, Elevation, SNR, and other metrics. Includes stations like JAGI, ABJI, MYLMI, etc.

Table with columns: Station, Name, Azimuth, Elevation, SNR, and other metrics. Includes stations like WDC, TATO, N02D, etc.

Table with columns: Station, Name, Azimuth, Elevation, SNR, and other metrics. Includes stations like R11A, R11A, I05D, etc.

24d 3h

Table with columns for station ID, name, frequency, power, and coordinates. Includes stations like TTA, F10A, TMUT, etc.

2011 FEB

Table with columns for station ID, name, frequency, power, and coordinates. Includes stations like S22A, DLMT, MSO, etc.

1220

Table with columns for station ID, name, frequency, power, and coordinates. Includes stations like EGAK, 934A, JCT, etc.

Table with columns: Call sign, Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like R40A Maddies Statio, P39A Salisbury, N38A Jess South For, etc.

Table with columns: Call sign, Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like KSH KSH, KSH, KSH, etc.

Table with columns: Call sign, Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like BRG comp=Z,48nm,1.4s, UZH Uzhgorod, CRVS Cervencia-Dubn, etc.

Table with columns: MEV, Metsovov, 1.74 278 P, Pb, 03 49 24.1 -0.8, etc. Lists various stations and their coordinates.

Table with columns: TEKS, Tekeris, 5.79 331 ePn, Pn, 03 50 19.8 +1.2, etc. Lists various stations and their coordinates.

Table with columns: YOI, Yonaguni jima, 1.01 81 P, Pn, 04 23 05.5 -0.2, etc. Lists various stations and their coordinates.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other technical details. Includes stations like ASAR Alice Springs, PMG Port Moresby, CMAR Chiang Mai Arr, etc.

NEIC 24 04:36:48.0, 36:27S: 73:81W, h33km, mb5.0/16, ML4.8(GUC), After GUC.

NEIC Felt [IV] at Concepcion, Quirihue, Talcahuano and Tome; [III] at Chiguayante, Penco and San Pedro de la Paz.

GUC 24 04:36:48.7-0.5, 36:27S: 73:81W, h33km, 19km, ML4.8 GGMT 24 04:36:48.0-0.3, 36:29S: 73:82W, h20km, 1km, MW5.1/62.

Moment Tensor Solution: s38, c45, s62 c75, Duration: 0. Moment tensor: Scale 10^16Nm; M3.062; 25; Mw=0.63; 15; M0=3.69; 18; M1=2.67; 40; Mw=0.02; 10; M2=3.35; 35; Best double couple: M5.5 46900x10^16.

NP1: 152.000000, 873.000000, 169.000000. NP2: 9.24.000000, 827.000000, 139.000000. Principal axes: T 5.6770, Plg57.0000, Azm34.0000; N -0.4160, Plg20.0000, Azm159.0000; P -5.2610, Plg25.0000, Azm258.0000; nst1 refers to body waves, cutoff=40s.

nst2 refers to surface waves, cutoff=50s. IDC 24 04:36:48.5-0.8, 36:07S: 73:39W, h0km, mb4.6/8, mb1.4, 8/11, mb1mx4.6/21, mbtmp4.7/11, ML4.4/3, MS4.6/10, Ms1.4, 5/10, ms1mx4.3/18. Error ellipse: s-maj=25.8km s-min=21.9km az=58.0.

BJJ 24 04:36:50.5, 35:55S: 73:39W, h24km, mb5.4/11, Ms5.4/4, Ms7.5/4/6. ISCJB 24 04:36:51.7-0.2, 36:14S: 0:03:73:29W, 0.06, h33km, mb4.9/28, MS4.5/8, Error ellipse: s-maj=7.6km s-min=4.3km az=157.0.

MOS 24 04:36:51.1-1.2, 36:17S: 73:30W, h25km, mb5.0/6, Error ellipse: s-maj=20.5km s-min=10.1km az=103.0. ISC 24 04:36:53.9-0.3, 36:08S: 0:04:73:31W, 0.07, h35km, n304, e130/304, mb4.9/28, MS4.5/8, 8C-4D, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Lists stations like San Pedro de C, CCHI Chillan, CCHI N, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other technical details. Includes stations like TBI Tubuai, MEH Mehetia, 933A Laredo, 834A Tilden, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other technical details. Includes stations like T37A Cheneyville 18, U34A Anderson Ranch, 939A Bolivar, etc.

Table with columns: TWF1, Yuli, 0.29 231 P, Pb, 06 07 48.3 +0.2, etc. Includes stations like Shilin, Danda, HWA, CHKT, etc.

Table with columns: JMA, SKHL, ISC, etc. Includes stations like Shikotan, SHO, YUK, etc.

Table with columns: DDA, EKAR, etc. Includes stations like Karacaban, etc.

Table with columns: EKAR, TUTA, EATA, etc. Includes stations like Tutak, Eleskirt, etc.

DDA 24 06:14:02.4, 41.400N, 43.82E, h7km, Md2.9
TIF 24 06:14:02.8, 41.400N, 43.89E, h13km, 1km
ISCJB 24 06:14:03.1, 0.6, 41.36N, 0.03, 43.86E, 0.03, h2km, 6km,
Error ellipse: s-maj=5.3km s-min=3.3km az=153.7
CSEM 24 06:14:03.2, 0.1, 41.36N, 43.85E, h2km, ML2.0, Error
ellipse: s-maj=3.7km s-min=2.3km az=154.0
ISC 24 06:14:03.2, 0.9, 41.39N, 0.03, 43.85E, 0.02, h14km, 7km,
n27, 0.56/54, Turkey-Georgia-Armenia border region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc. Includes stations like AKH, KZR, KZR, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc. Includes stations like OCLP, PLP, MSPL, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc. Includes stations like OCLP, PLP, MSPL, etc.

ISC 24 06:38:55.6, 2.1, 53.69N, 91.38E, h0km, mb3.5/2,
mb1 3.7/6, mb1mx3.4/50, mbtbp3.7/6, ML3, 0/4, Error
ellipse: s-maj=28.0km s-min=21.6km az=20.0
NNC 24 06:38:59.6, 1.9, 53.80N, 90.55E, h0km, mb4.2, mpv4.0,
Error ellipse: s-maj=16.0km s-min=13.4km az=177.0
ISC 24 06:38:59.0, 2.3, 53.93N, 0.1, 90.8E, 0.1, h10km, n15,
0.83/14, 2C-12D, Southwestern Siberia

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc. Includes stations like H46RU, ZALV, ZALV, etc.

Table with columns: BVAR, OTUK, PDKG, AKTO, TORI, etc. Includes stations like Ortayu, Podgornoye, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc. Includes stations like PBNC, CTOAN, etc.

IDC 24 07:04:40.9, 3.3, 330N-93.90E, h0km, mb3.7/3, mb1 4.0/4,
mb1mx3.5/4, mbtbp3.8/4, ML4.4/1, Error ellipse:
s-maj=115.7km s-min=28.2km az=62.0, Off west coast
of northern Sumatera

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc. Includes stations like CMAR, H0BS2, etc.

WEL 24 07:07:45.3, 0.1, 43.58S, 172.65E, h7km, ML3.6/12, 2C-1D,
Error ellipse: s-maj=1.3km s-min=0.9km az=90.0, South
Island

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc. Includes stations like CRLZ, MOZ, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc. Includes stations like FOX, BSWZ, etc.

ISCJB 24 07:11:50.9, 0.6, 24.45N, 0.05, 122.88E, 0.02, h68km, 6km,
Error ellipse: s-maj=8.4km s-min=3.2km az=179.9
JMA 24 07:11:50.4, 0.1, 24.47N, 0.2, 122.88E, 0.73km, M2.3
TAP 24 07:11:51.1, 24.40N, 122.89E, h24km, 1km, ML3.2, D
ISC 24 07:11:51.3, 1.4, 24.45N, 0.06, 122.89E, 0.03, h67km, 9km,
n30, 0.574/51, D, Taiwan region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, etc. Includes stations like JYNG, YON, etc.

24d 7h

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Rows include stations like Neicheng, Ishigaki jima, Wufen Shan, Chiawan, Hualien, etc.

SKHL 24 07:17:54.5±1.2, 51°11'N, 141°76'E, h10km, mb4.5/8, Ms3.3/1, msh4.4/1, Sakhalin Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Rows include stations like Tymovskoe, Uglegorsk, Nikolayevsk, etc.

ISCJB 24 07:22:34.1±0.7, 20°22'S, 0°07'69"W, 0.1, h108km, 10km, mb3.8/3, Error ellipse: s-maj=17.8km s-min=11.0km

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Rows include stations like IPOC Station P, Humberton, etc.

2011 FEB

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Rows include stations like Pisagua, Minye, La Paz, San Ignacio, etc.

IDC 24 07:30:24.2±1.9, 36°16'N, 69°18'E, h0km, mb4.0/9, mb1.4/0.15, mb1mx3.7/63, mbtmp3.9/15, ML3.7/6, MS2.9/1, Ms1.2/9.1, ms1mx2.4/50, Error ellipse: s-maj=35.0km

ISCJZ 24 07:30:26.1±2.4, 35°32'N, 69°11'E, h100km, 26km, mb3.6, SNR=1.0, Error ellipse: s-maj=20.4km s-min=19.6km

ISCJZ 24 07:30:27.3±0.5, 36°26'N, 0°05'68"E, 0.05, h35km, mb3.8/8, Error ellipse: s-maj=6.6km s-min=5.9km az=11.9

ISC 24 07:30:29.2±0.9, 36°18'N, 0°07'69"E, 0.07, h35km, n35, ±159°38, mb3.9/8, 6C-2D, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Rows include stations like Dzerhino, Cherat, Chirah Wali, etc.

ISCJZ 24 07:38:54.8±0.6, 26°60'N, 10°144'E, 0.07, h10km, mb4.0/15, Error ellipse: s-maj=14.2km s-min=8.0km

IDC 24 07:38:55.3±0.7, 26°62'N, 144°11'E, h0km, mb3.8/14, mb1.4/0.15, mb1mx3.8/64, mbtmp3.8/15, ML3.3/1, Error ellipse: s-maj=23.7km s-min=16.8km az=64.0

NEIC 24 07:38:56.9±0.5, 26°65'N, 144°05'E, h10km, mb4.1/1, Error ellipse: s-maj=14.3km s-min=10.2km az=62.0

ISC 24 07:38:56.9±0.8, 26°76'N, 10°144'03"E, 0.08, h10km, n22, ±60°23, mb4.1/15, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Rows include stations like Matsushiro Arr, Erimo, Ussuriysk Arr, etc.

1230

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Rows include stations like Borovoye Array, ARU, ABKAR, etc.

ATH 24 07:40:48.5±3.6, 36°N, 27°52'E, h27km, 1km, ML2.8/4, Error ellipse: s-maj=3.5km s-min=1.1km az=317.0, Analyst: Agalos ML, Amplitudes are expressed in micrometres All distances are expressed in km

DDA 24 07:40:49.9±3.8, 35°28'N, 27°51'E, h24km, Md3.1, ISCJZ 24 07:40:50.1±0.8, 35°75'N, 0°04'27"E, 0.04, h13km, 6km, Error ellipse: s-maj=8.0km s-min=4.6km az=145.4

CSEM 24 07:40:50.2±0.2, 35°72'N, 27°42'E, h15km, ML2.8, Error ellipse: s-maj=5.9km s-min=3.2km az=142.0

ISC 24 07:40:50.4±3.8, 35°48'N, 27°48'E, h8km, MD3.3, ISC 24 07:40:48.2±1.3, 35°57'N, 0°04'27"E, 0.04, h7km, n11, n37, ±98°53/4, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Rows include stations like Karpathos, Nisyros Isl, Nisyros Isl, etc.

NIED 24 07:40:00, 27°00'N, 144°20'E, h5km, Mw4.6 Best double couple: M9.06000x10^19 N1°306.0000°, ±15.00000°, ±77.00000°, NP2.9°113.00000°, ±76.00000°, -83.00000°

IDC 24 07:40:51.9±0.6, 26°76'N, 144°25'E, h0km, mb4.1/23, mb1.4/3.25, mb1mx3.8/64, mbtmp4.1/25, ML4.0/2, MS3.4/7, Ms1.3/5.7, ms1mx3.7/36, Error ellipse: s-maj=16.7km s-min=15.0km az=76.0

MOS 24 07:40:51.8±1.1, 26°77'N, 144°29'E, h14km, mb4.7/20, Error ellipse: s-maj=13.2km s-min=6.6km az=108.5

BUI 24 07:40:52.1±2.6, 64°N, 144°04'E, h9km, mb4.4/38, mb5.0/25, Ms4.7/15, Ms7.4/5/13

JMA 24 07:40:53.6±0.1, 26°99'N, 144°24'E, h37km, M4.4

NEIC 24 07:40:53.2±0.3, 26°78'N, 144°24'E, h10km, mb4.7/13, Error ellipse: s-maj=8.4km s-min=6.7km az=12.0

ISC 24 07:40:57.4±0.5, 26°30'N, 0°04'144"E, 0.06, h35km, n126, ±181°138, mb4.5/55, MS4.0/7, IC, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Rows include stations like Chichijima, Chichi jima, Chichi jima, etc.

24d 8h

Table with columns: Code, Station Name, A, AZ, Op, Phase ID, Time, Res. Includes stations like Highcliff Hill, Otahua Downs, Lake Benmore.

IDC 24 08:01:59.0, 8.26, 66N, 144.17E, h0km, mb3.8/13, mb1.4/0.16, mb1mx3.9/46, mbtmp3.9/16, ML3.5/2, MS3.4/1, Ms1.3.4/1, ms1mx2.4/37, Error ellipse: s-maj=19.6km s-min=17.5km az=9.0

NEIC 24 08:02:01.3, 0.5, 26.71N, 144.16E, h10km, mb4.3/2, Error ellipse: s-maj=11.5km s-min=10.4km az=210.0

ISCJB 24 08:02:02.8, 0.6, 26.66N, 0.09, 144.11E, 0.05, h33km, mb3.9/15, MS3.4/1, Error ellipse: s-maj=13.7km s-min=6.7km az=6.7

JMA 24 08:02:02.1, 26.80N, 144.06E, h94km, M3.9, ISC 24 08:02:05.1, 0.8, 26.8N, 0.1, 144.08E, 0.07, h35km, n27, r152N/30, mb4.0/5, Azin Bonin Islands region

Main station list for 24d 8h, including stations like Chichi jima, Ryogami san, Matsushiro, Kure Array, etc.

DJA 24 08:16:42.8, 0.4, 8.5S, 107E, h10km, M4.1/11, MLv4.1/11, Jawa

Station list for DJA region, including stations like Cisompet, Cibinong, Cimerak, Sukabumi, etc.

MEX 24 08:20:10.2, 0.6, 24.10N, 109.04W, h16km, z26km, MD3.9, Gulf of California

Station list for MEX region, including Sierra La Lagu, La Paz.

WEL 24 08:25:17.9, 0.1, 43.58S, 172.66E, h6km, ML3.7/16, 3C-1D, Error ellipse: s-maj=1.6km s-min=0.7km az=90.0, South Island

Main station list for WEL region, including stations like Queen's Vall, Oxford, Lake Taylor, etc.

2011 FEB

Station list for 2011 FEB, including stations like Earscleugh, Cannon Point, Kapiti Island, etc.

MAN 24 08:25:53, 16.61N, 120.55E, h15km, mb4.4, ML3.3, MS3.1, Luzon

BUI 24 08:27:57.8, 18.37N, 94.78E, h30km, mb4.6/26, mb4.7/16, Ms4.4/6, Ms7.4/5

ISCJB 24 08:28:11.9, 0.4, 19.51N, 0.03, 94.99E, 0.03, h77km, 4km, mb4.4/5, Error ellipse: s-maj=6.4km s-min=3.7km az=9.1

MOS 24 08:28:13.4, 0.8, 19.58N, 95.11E, h90km, mb4.6/31, Error ellipse: s-maj=11.8km s-min=6.7km az=106.2

NEIC 24 08:28:14.6, 0.2, 19.55N, 95.12E, mb4.7/17, Error ellipse: s-maj=7.6km s-min=5.5km az=47.0

BKK 24 08:28:14.2, 3.2, 19.1N, 15.9, 95E, 2.4, h10km, M4.8/13, mb4.8/9, mb5.2/6, MLv4.9/13, Mw(mb)4.6/6

IDC 24 08:28:14.8, 0.5, 19.57N, 95.17E, h85km, 3km, mb4.0/20, mb1.4/22, mb1mx4.0/35, mbtmp4.3/22, MS3.2/3, Ms1.3.3/3, ms1mx2.9/35, Error ellipse: s-maj=17.4km s-min=9.3km az=51.0

ISC 24 08:28:14.5, 0.4, 19.53N, 0.05, 95.04E, 0.04, h85km, 3km, h85km, pP, n144, r130/166, mb4.5/5, 6C-1D, Myanmar

Main station list for 2011 FEB, including stations like Maesarieng, Chiang Mai, Lamphang, etc.

1232

Main station list for 1232, including stations like KOLDANDA, PIUTHAN, GONGZHONG, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WRAB, TANNANT CREEK, TIKSI, KEKICO, etc.

ISCJB 24 08:34:40.9.0.5.26:60N:143:60E, h0km, mb3.6/3, mb1 3.8/4, mb1mx3.5/28, mbtmp3.6/4, ML3.5/1, MS3.5/1, Ms1 3.5/1, ms1mx2.6/34, Error ellipse: s-maj=241.8km s-min=29.0km az=75.0, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MJAR, HNR, WRA, MKAR.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LUWI, TTSI, MMSI, PMSI, KAPI, KAPI, GTOI, SARI, WARRAMUNGA ARR, ASAR, STKA.

MEX 24 08:55:38.7.0.3, 24:22N:109:32W, h15km, MD3.6, Gulf of California

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SLBS, LPIG, MAN 24 08:57:24.11:01N:124:49E, h14km, mb3.9, ML2.6, MS2.2, 1D, Leyte

ISCJB 24 09:05:42.7.0.9, 26:7N:0:1:144:1E, h10km, mb3.8/8, MS2.5/1, Error ellipse: s-maj=19.0km s-min=11.5km az=43.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like OCLP, PLP, MSLP, MAN 24 09:05:42.8.1.8, 26:63N:144:16E, h0km, mb3.7/8, mb1 2.6/1, ms1mx2.3/46, Error ellipse: s-maj=59.9km s-min=17.9km az=60.0

ISC 24 09:05:44.7.1.2, 26:63N:0:1:144:0E, h10km, n12, -1505:12, mb3.9/3, Bonin Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JCJ, MJAR, KSR, PETK, SONA, WRA, ZALV, ASAR, MKAR, KURB, STKA, BVAR.

DDA 24 09:12:52.7.41:40N:43:83E, h7km, Md2.6 TIF 24 09:12:52.9.41:40N:43:89E, h13km, 1km ISCJB 24 09:12:53.0.7.41:37N:0:04:43:87E, h0km, mb3.7km, Error ellipse: s-maj=6.8km s-min=3.8km az=169.4

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AKH, KZR, KZR, KZR, EAK, EAK, EAK, TBGL, TBGL, TBGL, TBGL, SEAG, SEAG, SEAG, DIGO, DIGO, DIGO, DGRG, DGRG, DGRG, ONI, ONI, ARTV, ARTV, ARTV, DBOC, DBOC, DBOC, DBAD, DBAD, DBAD, DBAD.

MEX 24 10:14:20.6.0.3, 14:22N:92:04W, h5km, MD3.8, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like I43RU, I31KZ, I46RU, CPCH, CPCH, IPOC, IPOC, IPOC, I43RU, I31KZ, I46RU, CPCH, CPCH, IPOC, IPOC, IPOC.

ISCJB 24 08:49:09.0.0.5, 2:62S:0:05:121:73E, h0km, h22km, mb3.5/3, Error ellipse: s-maj=7.8km s-min=4.8km az=136.6

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MSAI, MSAI, AAI, AAI, BNDI, BNDI, NMLAI, NMLAI, SWI, SWI, LBMI, LBMI, FBKI, FBKI, SANI, SANI.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like FITZ, WRA, ASAR, STKA, NWAOD, IDC 24 09:38:31.6:2.0, 2:94S:129:50E, h0km, mb3.7/4, mb1 3.9/5, mb1mx3.6/30, mbtmp3.7/5, ML3.8/1, Error ellipse: s-maj=171.3km s-min=23.3km az=70.0

ISCJB 24 09:38:34.3:0.5, 2:97S:0:04:129:64E, h0km, h22km, mb3.5/3, Error ellipse: s-maj=6.2km s-min=5.5km az=158.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MSAI, MSAI, AAI, AAI, FAKI, FAKI, SWI, SWI, NMLAI, NMLAI, LBMI, LBMI, SANI, SANI, WRA, WRA, ASAR, ASAR, ASAR, MKAR, KURB, BVAR.

MAN 24 09:42:30.10:90N:124:53E, h46km, mb3.7, ML2.4, MS2.0, 1D, Leyte

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like OCLP, PLP, MSLP, CAS 24 10:03:18.6:2.7, 8:61N:83:08W, h15km, 13km, MD3.9

ISC 24 10:11:49.6:3.2, 54:31N:86:97E, h0km, mb1 2.7/2, mb1mx2.6/50, mbtmp2.7/2, ML2.4/2, Error ellipse: s-maj=25.8km s-min=15.9km az=64.0, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like I46RU, ZALV, ZALV, KURB, MKAR, MKAR, I43RU, I31KZ, I46RU, CPCH, CPCH, IPOC, IPOC, IPOC.

ISC 24 10:22:25.1:61.0, 63:76N:36:38E, h0km, Error ellipse: s-maj=288.2km s-min=133.1km az=160.0, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like I43RU, I31KZ, I46RU, CPCH, CPCH, IPOC, IPOC, IPOC.

GUC 24 10:25:23.2.0.5, 24:33S:70:06W, h35km, 5km, ML3.6, 2C, Near coast of northern Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PB10, PB06, PB06, I43RU, I31KZ, I46RU, CPCH, CPCH, IPOC, IPOC, IPOC.

ISC 24 10:34:29.9:0.8, 56:14N:162:05E, h0km, mb3.7/10, mb1 3.9/11, mb1mx3.6/67, mbtmp3.6/11, ML2.5/1, MS2.6/2, Ms1 2.6/2, ms1mx2.5/52, Error ellipse: s-maj=30.2km s-min=16.0km az=147.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like I43RU, I31KZ, I46RU, CPCH, CPCH, IPOC, IPOC, IPOC.

ISCJB 24 10:34:30.1:0.3, 55:75N:0:02:162:44E, h0km, h55km, 4km, Error ellipse: s-maj=10.7km s-min=6.6km az=68.8

24d 11h

mb3.6/10, Error ellipse: s-maj=4.5km s-min=3.8km

az=39.0

ISC 24 10:34:31.5±0.9, 55.78N, 0.03, 162.43E, 0.03, h44km, 9km, n71, c1=17/109, mb3.6/10, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data for the event.

JMA 24 10:41:18.6±0.5, 32.02N, 142.36E, h0km, M3.7, Southeast of Honshu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations for the JMA event.

IDC 24 10:42:22.0±1.9, 6.04S, 149.58E, h0km, mb3.9/4,

2011 FEB

mb1 4.1/5, mb1mx3.7/37, mbtmp4.0/5, ML2.5/1, MS3.2/1, M3.1 3/21, ms1mx2.7/23, Error ellipse: s-maj=58.0km

s-min=34.8km az=170.0

ISC/CJB 24 10:42:29.2±1.6, 3S, 0.2, 149.4E, 0.3, h49km, mb3.7/3, MS3.0/1, Error ellipse: s-maj=55.9km s-min=20.4km az=32.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations for the 2011 FEB event.

WEL 24 11:05:18.1±0.1, 43.62S, 172.50E, h5km, ML2.7/8, 1C-2D, Error ellipse: s-maj=1.3km s-min=1.2km az=0.0, South Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations for the WEL event.

1234

INZ Incheon 1.32 307 eP Pn 11 05 59.2 +0.2

RPZ Rata Peaks 1.34 262 AML AML 11 06 20.8

WHZ Waitaha Valley 1.63 286 AML AML 11 06 26.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations for the 1234 event.

WEL 24 11:05:34.0±0.3, 43.53S, 172.88E, h5km, ML2.9/9, Error ellipse: s-maj=2.2km s-min=0.9km az=90.0, South Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations for the WEL event.

Table with columns: CAN, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Canberra, Odare, TAPN, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like ZALESOVO INFRA, Zalesovo Beam, etc.

CSEM 24 11:25:33.0, 3.33, 14N, 46.27E, h2km, ML2.8, Error ellipse: s-maj=9.5km s-min=3.7km az=141.0

Table with columns: IBDR, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Badra, Ghaleghazi, Komasi, etc.

MEX 24 11:26:32.6, 0.4, 31.03N, 114.45W, h16km, 13km, MD3.7, Gulf of California

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like San Pedro Mart, Tijuana, etc.

WEL 24 11:35:50.8, 0.1, 43.60S, 172.60E, h7km, 1km, ML3.8/17, 5C-4D, Error ellipse: s-maj=2.1km s-min=0.8km az=90.0, South Island

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Canterbury Las, McQueen's Vall, Oxford, etc.

KRSC 24 11:36:12.9, 1.0, 53.57N, 161.53E, h46km, 23km, ML3.7, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like My Shipunski, Karymskiy, Nedolynka, etc.

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

IDC 24 11:39:16.8, 587.0, 55.89N, 0.03E, h0km, Error ellipse: s-maj=330.8km s-min=196.9km az=111.0, North Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like FREYUNG INFRAS102, DUBNA INFRAS020, etc.

IDC 24 12:02:49.5, 1.8, 5.00N, 126.89E, h0km, mb3.6/5, ms1mx3.5/3, Error ellipse: s-maj=162.7km s-min=21.5km az=66.0, Mindanao

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

NEIC 24 12:18:49.5, 35.30N, 92.35W, h4km, MD2.8(CERI), After NEIC Feit at Greenbrier and Quitman

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like University of UALR, Fergusson Farm, etc.

ISK 24 11:37:56.5, 38.98N, 42.26E, h5km, MD2.7

WRA	2.2nm,0.6s,baz=41,slow=8.6,SNR=9.0	P	15 07 43.0	+0.1
ASAR	0.3nm,0.6s,baz=85,slow=9.5,SNR=4.6	P	15 07 51.7	+0.5
ASAR	0.5nm,0.5s,baz=73,slow=9.8,SNR=2.5	P	15 07 51.7	+0.5

2.2nm,0.6s,baz=41,slow=8.6,SNR=9.0
WRA Warramunga Arr 27.00 257 P
0.3nm,0.6s,baz=85,slow=9.5,SNR=4.6
ASAR Alice Springs 27.94 249 P
0.5nm,0.5s,baz=73,slow=9.8,SNR=2.5

2C-3D, Error ellipse: s-maj=1.9km s-min=1.3km az=2.0, Suspected Mining explosion., Czech and Slovak Republics

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	h m s
KSU1	Mollin	1.43 197	Op	15 04 31.5	+0.5
MOA			IS	15 04 50.9	+0.6
BRG	Bergjesshubel	1.77 340	SG	15 04 52.7	-5.9
ARSA	Arzberg	2.01 168	Op	15 04 38.7	0.0
ARSA			Pg	15 04 41.9	+0.1
ARSA			Sb	15 05 05.2	+0.7

NEIC 24 15:07:11.0, 35:27N, 92:33W, h4km, MN3.1, MD2.7(CERI), After CERI

NEIC Feit (VI) at Greenbrier. Also felt at Quitman and Rose Bud. ISC 24 15:07:10.5, 0.9, 35:28N, 0:02, 92:34W, 0.02, h13km, 6km, n79, c199/123, Arkansas

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	h m s
WHAR	Woolly Hollow	0.04 78	Op	15 07 12.6	+0.3
UJALR	University of	0.51 180	Op	15 07 20.8	+0.4
UJALR			Pg	15 07 23.0	+0.4
W40A	Ferguson Farm,	0.60 262	P	15 07 23.2	+0.1
W40A			S	15 07 31.1	+0.9
X40A	Basin Creek Fa	0.89 207	P	15 07 27.7	0.0
X40A			S	15 07 40.3	+0.7
U40A	Yellville	1.15 339	P	15 07 32.5	+0.2
W39A	Magazine	1.18 266	P	15 07 33.1	+0.2
W39A			S	15 07 48.5	+0.4
V39A	Pettigrew	1.20 298	P	15 07 33.3	+0.1
V39A			S	15 07 49.1	+0.5
MIAR	Mount Ida	1.25 234	P	15 07 34.3	+0.5
MIAR			S	15 07 51.1	+0.2
MIAR	Mount Ida	1.25 234	Op	15 07 34.2	+0.4
MIAR			Sb	15 07 48.3	-1.7
QUAR	Qualls	1.43 75	Op	15 07 37.6	+0.6
QUAR			Sb	15 07 57.3	+0.8
U39A	Green Forest	1.44 320	P	15 07 37.2	+0.9
U39A			S	15 07 56.5	+1.4
CCAR	Cane Creek	1.44 161	Op	15 07 33.0	-3.3
Y40A	Okolona	1.48 212	P	15 07 38.4	+0.5
Y40A			S	15 07 58.1	-0.1
HHAR	Hobbs	1.64 308	Op	15 07 40.7	+1.6
HHAR			Sb	15 08 02.4	+1.2
X39A	Fountain Ranch	1.65 243	P	15 07 40.7	+1.6
X39A			S	15 08 02.9	+1.5
WLAR	White Oak Lake	1.71 202	Op	15 07 41.8	-0.1
WLAR			Sb	15 08 03.4	+0.1
V38A	Canehill	1.78 290	P	15 07 43.0	-0.1
V38A			S	15 08 06.9	+1.6
W38A	Poteau	1.79 264	P	15 07 43.4	+0.1
W38A			Sb	15 08 07.8	-0.4
T40A	Mansfield	1.87 356	P	15 07 44.6	0.0
T40A			S	15 08 09.5	+1.6
SFTN	Shelby Forest	1.90 87	Op	15 07 47.4	+0.4
SFTN			Sb	15 08 11.3	-0.4
T39A	Clever	1.93 335	P	15 07 45.5	-0.1
T39A			Sb	15 08 12.4	-0.2
Y39A	Lockesburg	1.97 228	P	15 07 45.3	+1.7
Y39A			S	15 08 11.0	+0.3
DLAR	Dell	1.98 74	Op	15 07 46.3	0.0
DLAR			Sb	15 08 12.8	+1.9
MET	Memphis--Engin	1.98 94	Op	15 07 44.6	+0.9
MET			Sb	15 08 06.1	-2.3
GNAR	Gosnell	2.01 70	Op	15 07 46.2	+2.0
GNAR			Sb	15 08 12.6	+1.9
U38A	Gravette	2.02 305	P	15 07 46.5	+2.1
X38A	Whitesboro	2.13 254	P	15 07 48.5	-0.5
X38A			Sb	15 08 18.0	-1.0
PBMO	Poplar Bluff	2.15 45	Op	15 07 49.0	-0.4
PBMO			Sb	15 08 17.0	+1.0
S40A	Lebanon	2.32 357	P	15 07 50.9	+2.5
CWPT	Cottonwood-Fo3	2.33 71	Op	15 07 50.9	+2.4
T38A	Diamond	2.36 319	P	15 07 51.3	+2.3
V37A	Hulbert	2.36 286	P	15 07 51.1	+2.1
Y38A	Idabel	2.39 236	S	15 08 21.5	+3.0
Y38A			S	15 08 21.5	+3.0
EBZ	Ebenezer Churc	2.45 92	Op	15 08 22.7	+2.6
U37A	Salina	2.52 297	P	15 07 53.4	+2.2
OXF	Oxford	2.53 107	Op	15 07 53.2	+1.9
OXF			Sb	15 08 22.9	+0.8
S39A	Bolivar	2.53 342	P	15 07 53.9	+2.5
REL	Roellen	2.59 72	Op	15 07 58.1	+1.3
R38A	Stockton	2.66 332	P	15 07 55.0	+1.9
TUL1	Leonard	2.88 284	P	15 07 58.1	+2.0
TUL1	Leonard	2.88 284	Op	15 07 57.0	+0.9
TUL1			Sb	15 08 33.7	+3.0
U36A	Oologah	2.97 293	P	15 07 59.4	+2.1
V36A	Jenks	2.98 281	P	15 07 59.5	+2.0
UTMT	University of	3.02 68	Op	15 07 58.3	+0.3
UTMT			Sb	15 08 45.1	-2.4
SIUC	Southern Illin	3.50 45	Op	15 08 07.2	+2.6
SIUC			Sb	15 08 57.3	+2.6
V35A	Meyer Ranch, C	3.70 279	P	15 08 09.3	+1.9
V35A			Sb	15 08 09.3	+1.9
W35A	Teumseh	3.71 269	P	15 08 09.4	+1.8
SLM	Salina	3.75 26	Op	15 09 06.5	+4.6
T35A	Sooner Cattle	3.75 297	P	15 08 10.1	+2.0
NATX	Nacogdoches	4.01 210	Op	15 09 21.8	
V34A	Guthrie	4.25 279	Op	15 08 15.7	+0.6
V34A			Sb	15 08 26.1	+0.9
V34A			Sb	15 09 06.4	+1.8
V34A			Sb	15 09 22.4	+5.9
U34A	Anderson Ranch	4.37 287	Op	15 08 19.3	+2.6
U34A			Sb	15 09 26.5	+4.4
W34A	Bridge Creek,	4.44 271	Op	15 08 18.0	+0.3
W34A			Sb	15 09 28.5	+6.5
USIN	University of	4.62 53	Op	15 08 20.4	+0.4
USIN			Sb	15 09 34.1	-4.6
Q35A	Mercer Eighty,	4.63 321	P	15 08 22.5	+2.3
Q35A			Sb	15 08 22.5	+2.3

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	h m s
OLIL	Olney	4.84 43	Op	15 08 26.1	+3.1
OLIL			Sb	15 09 23.1	+4.1
OLIL			Sg	15 09 40.6	-5.2
P36A	Good Intent, A	4.89 333	P	15 08 26.3	+2.4
R34A	Isabella, Hill	4.96 309	P	15 08 26.8	+2.1
LRAL	Lakeview Ret3	4.96 115	Op	15 08 26.6	+1.8
LRAL			Sb	15 09 22.4	+0.3
LRAL			Sb	15 09 41.4	+4.5
W33A	Caddo, Fort Co	5.02 270	P	15 08 28.0	+2.4
KSU1	Kansas State U	5.11 319	Op	15 08 28.0	+1.2
KSU1			Pb	15 08 43.8	+4.0
KSU1			Sb	15 09 22.3	-3.4
SWET	Swansea	5.25 89	Op	15 08 30.6	+1.8
SWET			Pg	15 08 48.8	-2.2
SWET			Pg	15 08 30.6	+1.8
WMOK	Wichita Mounta	5.31 266	Op	15 08 31.0	+1.4
WMOK			Sb	15 09 31.9	+1.2
WMOK			Sb	15 09 53.7	+7.0
WHTX	Lake Whitney,	5.38 234	Op	15 08 31.4	+0.9
Z33A	Whitaker Ranch	5.68 251	P	15 08 36.7	+2.1
WCI	Wyandotte Cave	5.68 57	Op	15 08 36.4	+1.7
WCI			Sb	15 08 36.4	+1.7
WCI			Sb	15 10 00.5	+3.1
WCI			Sg	15 10 08.7	-4.1
HDIL	Hopedale	5.79 24	Op	15 08 38.3	+2.2
HDIL			Sb	15 09 43.9	+1.5
HDIL			Sb	15 10 10.6	-5.3
COOP	Cooper Cave	6.39 86	Op	15 08 46.6	+2.1
CPCT			Sb	15 09 57.4	+0.1
CPCT			Sb	15 10 11.5	-6.5
CPCT			Sg	15 10 26.4	-9.3
CPCT			Lg	15 10 28.9	-
CFIN	Lafayette	6.57 38	Op	15 08 48.2	+1.4
CFIN			Sg	15 10 34.2	-7.0
CFIN			Sg	15 08 53.4	+2.2
CFIN			Sg	15 10 44.4	-7.0
CFIN			Sg	15 10 53.5	-2.6
CFIN			Sb	15 10 53.9	-1.0
AMTX	Amarillo	7.67 270	Op	15 09 04.4	+1.4
AMTX			Sb	15 10 27.5	-1.2
AMTX			Sg	15 11 08.9	-7.6
JFWF	Jewell Farm	7.79 11	Op	15 09 01.2	-2.4
JFWF			Sg	15 11 12.2	-8.4
JCT	Junction City	7.89 235	P	15 09 06.1	+1.1
MSTX	Muleshoe	8.07 264	Op	15 09 19.7	+0.7
MSTX			Sb	15 10 52.4	-1.7
ECSO	EROS Data Cent	9.06 340	Op	15 09 21.8	+0.8
ECSO			Lg	15 11 00.6	-2.4
OGNE	Ogallala	9.50 309	Op	15 10 55.7	+1.4
OGNE			Lg	15 12 08.3	-
YMC	Maple Creek	17.11 309	Op	15 11 10.6	+1.0
SNDA	J Saunders Pla	20.09 272	Op	15 11 47.5	+1.6

ISCJB 24 15:45:23.7, 0.4, 36:25N, 0:04, 71:14E, 0:06, h100km, mb3.0/7, Error ellipse: s-maj=8.1km s-min=3.8km

ISC 24 15:45:24.0, 0.5, 36:12N, h104km, 29km, mb3.5/8, mb1 3.6/12, mb1mx3.2/58, mbtmp3.9/12, Error ellipse: s-maj=55.6km s-min=19.1km az=172.0

NINC 24 15:45:33.9, 1.8, 36:94N, 71:16E, h138km, 16km, mb3.5, mpv4.4, Error ellipse: s-maj=16.5km s-min=9.7km az=161.0

ISC 24 15:45:25.3, 0.7, 36:40N, 0:07, 71:24E, 0:06, h100km, n45, c1979/51, mb3.6/7, 9C-7D, Afghanistan-Tajikistan border region

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	h m s
DZET	Dzherino	3.07 322	Op	15 46 15.4	+3.3
DZET			S	15 46 49.5	+1.3
AML	Almayashu	6.03 18	P	15 46 54.5	+2.1
UCH	Uchter	6.35 23	P	15 46 59.3	+2.6
KZA	Karakoram	6.47 28	P	15 47 00.8	+2.5
EKS2	Erkin-Say	6.55 17	P	15 47 01.6	+2.4
AAK	Ala-Archa	6.72 21	P	15 47 03.9	+2.6
AAK			S	15 48 14.4	-2.0
AAK	Ala-Archa	6.72 21	Op	15 47 04.0	+2.6
AAK			S	15 47 14.5	-2.0
AAK	Ala-Archa	6.72 21	P	15 47 04.0	+2.6
KK31	Karatay Array	6.72 355	Op	15 47 03.2	+1.9
KK31			S	15 48 13.1	-3.3
KBK	Kakchaybulak	6.88 23	P	15 47 06.8	+3.2
SMLA	Simla	7.21 135	P	15 47 11.3	+3.3
SMLA			S	15 48 28.1	-0.2
SMLA			S	15 48 28.3	-0.1
SMLA			AML	15 48 30.2	-
SMLA			AML	15 48 31.7	-
USP	Uspenkovka	7.30 19	P	15 47 11.5	+2.2
TKM2	Tokmak 2	7.33 26	Op	15 47 12.7	+2.9
TKM2			S	15 48 30.2	-1.3
GEYT	Alibek	10.59 282	P	15 47 54.4	+0.5
GEYT			S	15 49 47.9	-2.6
PYUN	Piuthan	12.93 126	Op	15 48 24.4	-1.0
MK02	Makanchi Array	13.25 35	Op	15 48 30.3	+0.9
MK02			Sb	15 48 29.7	+0.2
KOLR	Koldand	13.26 35	P	15 48 32.3	-1.2
GKN	Gorkha	14.09 123	Op	15 48 39.5	-1.0
DMN	Daman	14.66 123	Op	15 48 47.8	-0.1
KKN	Kakani	14.66 122	Op	15 48 46.8	-1.1
PKIN	Phulchoki	14.87 122	Op	15 48 50.4	-0.3
GUN	Gumba	15.00 120	Op	15 48 51.2	-1.2
KURBB	Kurchatov Arra	15.16 18	P	15 48 56.6	+2.8
KURBB			P	15 48 52.1	-1.7
AB31	Abakur array	15.27 331	P	15 48 55.8	+0.5
AB31			S	15 51 35.4	+8.3
JIRN	Jirni	15.37 120	Op	15 48 56.0	-1.1

24 17h

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, ISC. Includes stations like Canterbury Las, McQueen's Vall, Oxford, Lake Taylor, Rata Peaks, Denniston Nort, Lake Benmore, Otahua Downs, Fox Glacier, Blackbirch Sta, Jackson Bay, Wanaka, Earnsclough, Tuapeka, Scrubby Hill, Wether Hill Ro.

NEIC 24 16:30:53.1, 35°28N, 92°34W, h5km, M2.6, After CERL. ISC 24 16:30:52.3-1.0, 35°30N, 02°02.92, 35W, 0.02, h4km, g8km, n48, c169/87, Arkansas

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, ISC. Includes stations like Woolly Hollow, University of, Fergusson Farm, Basin Creek Fa, Yellville, U39A Magazine, Pettigrew, Mount Ida, MIAR, MIAR, MIAR, Harrisburg, Green Forest, QUAR, Qualls, Cane Creek, Okolona, Hobbs, Fountain Ranch, White Oak Lake, Canehill, Poteau, Mansfield, Shelby Forest, Clever, DLAR, U38A, G38A, Whitesboro, Poplar Bluff, Lebanon, Hulbert, Ebenezzer Church, Salina, Bolivar, Halis, Oxford, Glass, Leonard.

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Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, ISC. Includes stations like University of, Southern Illin, Saint Louis, Nacogdoches, Guthrie, Anderson Ranch, Bridge Creek, Lakeview Retre, Sewanee, Wichita Mounta, Tazewell, Godfrey.

NSSP 24 16:39:05.3, 39°03N, 44°48E, h5km, ML2.8. TEH 24 16:39:06.3, 39°11N, 44°30E, h5km, ML2.5. ISK 24 16:39:06.7, 39°22N, 44°40E, h5km, MD2.9. CSEM 24 16:39:07.5, 0.3, 39°21N, 44°45E, h2km, MD2.9, Error ellipse: s-maj=8.4km, s-min=5.2km az=1.0. DDA 24 16:39:08.4, 39°20N, 44°37E, h7km, MD2.6. ISC 24 16:39:08.1, 1.1, 39°17N, 02°44.2E, 0.02, h11km, g9km, n34, c115/57, ID, Iran-Armenia-Azerbaijan border region

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, ISC. Includes stations like Caldian, Caldian, Diyadin, Diyadin, Van-Muradiye, Van-Muradiye, Garni, Van, Van, Marand, Marand, Marand, Hanur-Agry, Hanur-Agry, Tutak, Tutak, Shabestar, Geva, Gevas, Goris, Akyaka, Akyaka, Tabriz, Eleskirt, Eleskirt, HAKKARI, Karacoban, Karacoban, Cukurca, Cukurca, Heris, Heris, Silvan-Diyarba, Silvan-Diyarba.

IDC 24 16:48:41.3, 2.7, 16°30S, 173.64W, h0km, mb4.1/4, mb1 3.6/4, mb1mx3.8/4.1, mbtmp4.1/4, Error ellipse: s-maj=195.7km, s-min=29.0km az=48.0, Tongo Islands

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, ISC. Includes stations like Stephens Creek, Warramunga Arr, Alice Springs, Mina Aray Bea, Silvan, Silvan, Warramunga Arr, Alice Springs, Mina Aray Bea, Silvan, Silvan, Warramunga Arr, Alice Springs, Mina Aray Bea, Silvan, Silvan.

IDC 24 16:49:28.0, 8.7, 5°89S, 150.31E, h71km, m63km, mb3.5/3, mb1 3.6/4, mb1mx3.2/39, mbtmp3.8/4, ML1.4/1, Error ellipse: s-maj=73.6km, s-min=53.5km az=103.0, New Britain region

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, ISC. Includes stations like Stephens Creek, Warramunga Arr, Alice Springs, Mina Aray Bea, Silvan, Silvan, Warramunga Arr, Alice Springs, Mina Aray Bea, Silvan, Silvan.

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Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, ISC. Includes stations like San Lorenzo, Humahuaca, Zapla, Cafayete, Santa Barbara, Yavi, IPOC Station P, Horco Molle, IPOC Station P, Punta Patache, La Paz, San Ignacio, Brasilia, Torodi Arr, Yellowknife Arr, Alice Springs, Warramunga Arr, Zalesovo Ben, Matanchi Array.

IDC 24 16:58:27.2, 2.3, 7°55S, 129°17E, h0km, mb3.1/1, mb1 3.6/4, mb1mx3.3/29, mbtmp3.4/4, ML3.2/3, MS2.7/1, Ms1 2.7/1, ms1mx2.4/1.1, Error ellipse: s-maj=83.7km, s-min=31.0km az=76.0, Banda Sea

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, ISC. Includes stations like Filtroy Crossi, Jayapura, Warramunga Arr, Warramunga Arr, Alice Springs, Matanchi Array.

PLW 24 17:11:11.6, 35°00N, 24°82E, h33km, 22km, Md3.4, M13.4. ISCJB 24 17:11:13.5, 0.8, 34°49N, 02°24.78E, 0.03, h9km, 5km, mb3.8/12, MS3.8/5, Error ellipse: s-maj=4.6km, s-min=3.6km az=148.3. IDC 24 17:11:13.8, 0.9, 34°30N, 24°76E, h0km, mb3.9/1, mb1 3.9/1.5, mb1mx3.7/4.6, mbtmp3.9/1.5, ML3.9/3, MS3.5/6, Ms1 3.5/6, ms1mx3.7/4.6, Error ellipse: s-maj=18.3km, s-min=14.7km az=108.0. CSEM 24 17:11:14.6, 0.2, 34°55N, 24°77E, h2km, ML3.6, Error ellipse: s-maj=4.0km, s-min=3.2km az=57.0. THE 24 17:11:15.8, 34°64N, 24°77E, h14km, 1km, ML3.8/10, Error ellipse: s-maj=1.7km, s-min=0.6km az=181.0. ATH 24 17:11:16.4, 34°67N, 24°78E, h14km, 2km, ML3.6/9, Error ellipse: s-maj=2.9km, s-min=1.0km az=2.0, Analyst: KOLLIGRI ML Amplitudes are expressed in micrometres

ISC 24 17:11:14.5, 1.4, 34°51N, 03°24.81E, 0.02, h8km, g9km, n110, c1806/127, mb3.8/12, MS3.8/5, Crete

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time, Res, ISC. Includes stations like Sivas, Sivas, Gavdhos, Gavdhos, Anoyia, Anoyia, Heraklion, Heraklion, Lasithi, Lasithi, Neapolis, Neapolis, Vamos, Vamos.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, and various station details. Includes stations like Iera Moni Meta, Zakros, and various island stations.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, and various station details. Includes stations like Paki Kaha, Takapari Road, and various island stations.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, and various station details. Includes stations like Rabbit Creek A, Palmer, and various island stations.

1239 17:12:51.3z-2.7, 28.00S:177.79W, h0km, mb3.2/2, mb1 3.6/3, mb1mx3.5/25, mbtmp3.4/3, ML3.5/1, Error ellipse: s-maj=67.2km s-min=48.3km az=119.0

1239 17:12:58.8z-2.8, 28.38S:01x178.2W:0.4, h35km, n12, 17:12:58.8z-2.8, 28.38S:01x178.2W:0.4, h35km, n12

1239 17:12:58.8z-2.8, 28.38S:01x178.2W:0.4, h35km, n12, 17:12:58.8z-2.8, 28.38S:01x178.2W:0.4, h35km, n12

24d 18h

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Error ellipse: s-maj=5.3km s-min=3.7km az=145.0
IDC 24 18:32:01.4.1.1, 18:03S-178.38W, h632km, 1.0km
mb4.0/24, mb1 4.2/27, mb1mx4 1.7, mbmtps0.0/27, Error
ellipse: s-maj=11.3km s-min=8.4km az=154.0
GCMT 24 18:32:01.4.0.4, 17:92S-178:20W, h648km, 4km
MW5:2/56, Moment Tensor Solution, s56,c78; Duration:
1s0 Moment tensor: Scale 10^17Nm; Mr=0.46; 0.4;
Mm=0.89; 0.5; M0=0.42; 0.5; M1=0.01; 0.5; M2=0.46; 0.6;
M3=0.04; 0.6; Best double couple; M0=0.80200x10^17
N1P1=29.00000, -8.79.00000, -1.167.00000; N1P2:
0.296.00000, -8.77.00000, -1.12.00000; Principal axes:
T 1.0290, Plg1.00000, Azm1.603000; N -0.4540.
Plg73.00000, Azm69.00000; P -0.5750, Plg17.00000.
Azm253.00000; nstai refers to body waves, cutoff=40s.
ISC 24 18:32:00.5.0.5, 18:02S-0.05S-178:30W.0,05,
h623km, 5km, n527, c1914/548, mb4.9/113, 41C-17D, Fiji
Islands region

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

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

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

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like PV01, TXAR, ILAR, ANMO, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like BVAR, BRVK, SPITS, SVE, SOKR, ARU, etc.

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like MLR, MLR, MLR, MLR, MLR, etc.

ISN 24 18:51:18.0, 1.8, 37.39N, 42.25E, h5km, 5km, ML3.4
ISCJB 18:51:19.7, 0.7, 37.72N, 42.04, 42.0E, 0.05, h5km, 6km,
Error ellipse: s-maj=4.4km, s-min=4.5km, az=38.3
CSEM 24 18:51:19.0, 2.7, 37.69N, 42.94E, h5km, MDD3, Error
ellipse: s-maj=6.1km, s-min=5.3km, az=72.0
ISK 24 18:51:19.1, 37.73N, 42.84E, h5km, ML3.4
DDA 24 18:51:21.9, 37.85N, 42.59E, h7km, MDD3.2
ISC 24 18:51:19.3, 1.3, 37.76N, 42.03, 42.83E, 0.03, h10km, 13km,
n48, i109/41, Turkey
Code Station Name Az ZY Phase ID Time Res
SIRT Sirmak 0.40 231 0p ISC h 51 27.8 +0.3
SIRT Sirmak 0.40 231 0p Sb 51 34.1 -0.7

24d 19h

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

MEX 24 18:55:51.6-0.5, 13:80N, 91:69W, h20km, MD3.5, Near coast of Guatemala

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

IDC 24 19:03:21.4-3.6, 40:86N, 71:35E, h0km, mb4.2/1, mb1 3.9/5, mb1mx3.4/44, mbmtpp3.9/5, ML3.1/5, MS3.8/1, Ms1 3.8/1, ms1mx2.8/40, Error ellipse: s-maj=48.3km s-min=20.6km az=177.0

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

IDC 24 19:03:24.6-1.4, 40:85N, 0:04-71:01E, h0km, 11km, n57, r1574/82, 40C-13D, Tajikistan

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BTK, ARK, TAS, IUG, TOKL, etc.

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Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KZA, KBK, CHMS, USP, etc.

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

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like TVSB, SILT, CAVI, etc.

ISCJB 24 19:33:17.5-0.6, 27.13N-105.143:81E:0.05, h10km, mb3.9/13, Error ellipse: s-maj=8.2km s-min=5.7km

IDC 24 19:33:17.9-0.7, 26.94N-143:89E, h0km, mb3.8/11, mb1.4/14, mb1mx3.9/39, mbtmp3.9/14, ML3.5/3, Error ellipse: s-maj=20.2km s-min=16.7km az=83.0

NEIC 24 19:33:19.3-0.5, 27.02N-143:82E, h10km, mb4.6/2, Error ellipse: s-maj=12.3km s-min=8.6km az=75.0

JMA 24 19:33:20.9-0.2, 27.39N-143:62E, h8km, Mb, 3.9, ISC 24 19:33:19.8-0.7, 27.10N-143.73E:0.07, h10km, n34, e1948/36, mb4.0/13, Bonin Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like CBJJ, JHHJ, JHU, etc.

TIR 24 19:48:52.2, 40.65N, 19.63E, h7km, ML2.6, CSEM 24 19:48:58.4-0.3, 40.72N, 19.90E, h15km, ML2.1, Error ellipse: s-maj=10.7km s-min=5.2km az=77.0

ATH 24 19:48:58.0, 40.73N, 19.91E, h33km, 4km, ML2.1/3, Error ellipse: s-maj=4.1km s-min=1.3km az=6.0, Analyst: Agalos ML Amplitudes are expressed in micrometres

All distances are expressed in km, Albania

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like TIR, TIR, TIR, etc.

ISCJB 24 20:05:47.0-0.4, 36.03N-0.03:118:34W:0.03, h37km, Error ellipse: s-maj=3.7km s-min=3.5km az=29.7

NEIC 24 20:05:47.5, 36.04N:118:36W, h1km, ML3.5(PAS), After PAS.

NEIC Felt at Delano. ISC 24 20:05:47.1-0.8, 36.03N:0.02:118:34W:0.03, h7km, n28, e098/33, Central California

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like ISA, CWC, CWC, etc.

MOS 24 20:19:31.8-1.0, 55.88N:110:72E, h11km, mb4.2/4, Error ellipse: s-maj=10.4km s-min=6.0km az=70.0

IDC 24 20:19:31.8-1.0, 55.93N:110:65E, h0km, mb3.7/8, mb1.3/8/14, mb1mx3.6/50, mbtmp3.7/14, ML3.4/6, MS3.0/3, Ms1.3/0.3, ms1mx2.7/45, Error ellipse: s-maj=23.0km

BJJ 24 20:19:32.9, 55.75N:110:91E, h10km, mb3.8/2, BYKL 24 20:19:33.4-0.2, 55.84N:110:68E, h14km, 3km

ISC 24 20:19:31.4-1.2, 55.86N:0.03:110:70E:0.02, h1km, 9km, n69, e1980/107, mb3.8/8, 16C-7D, Lake Baykal region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like KMO, KMO, KMO, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like YLYR, YLYR, YLYR, etc.

ellipse: s-maj=11.7km s-min=6.9km az=64.5
BYKL 24 20:32:38.9,0.3,55.82N,110.768E,h8km,4km
IDC 24 20:32:42.8,3.8,55.81N,110.00E,h0km,mb3.0/1,
mb1 3.3/6,mb1mx3.2/46,mbtmp3.3/6,ML2.8/5,Error
ellipse: s-maj=49.5km s-min=22.4km az=103.0

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Rows include KMO, YOA, NIZ, YLYR, SVKR, UKT, SYVR, BOD, OGRR, NLYR, ZRH, TRG.

Table with columns: TRG, Tyrgan, Chita, Chara, Kabansk, Khuramsha, Irkutsk, Listyanka, Tupik, Talaya, Khapcheranga, Arshan, Zakamensk, Mondy. Rows include Chita, Chara, Kabansk, Khuramsha, Irkutsk, Listyanka, Tupik, Talaya, Khapcheranga, Arshan, Zakamensk, Mondy.

Table with columns: MOY, MOY, MOY, MOY, ORL, ORL, ORL, ORL, ORL, ULN, ULN, ULN, SONM, YAK, ZALV, MKAR, MKAR, MKAR, BVAR. Rows include MOY, ORL, ULN, SONM, YAK, ZALV, MKAR, BVAR.

WEL 24 20:34:58.0,2,43.58S,172.71E,h7km,ML3.8/16,3C-4D,
Error ellipse: s-maj=1.9km s-min=1.0km az=90.0, South
Island

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Rows include Canterbury Las, McQueen's Vall, Oxford, Lake Taylor, Rata Peaks, Kahutara, Waiatua Valley, Tophouse, Denniston Nort, Lake Benmore, Blackbirch Sta, Otahua Downs, Fox Glacier, Nelson, Quartz Range, Jackson Bay, Wanaka, Earnsclough, Kapiti Island, Mount Morrison, Otaki Gorge, Mangatainoka R, Mavora Lakes, Scrubby Hill, Birch Farm, The Paps, Waihanoa, Tukino.

WEL 24 20:35:45.7,0.1,43.60S,172.65E,h7km,ML2.8/3, Error
ellipse: s-maj=4.0km s-min=1.0km az=90.0, South
Island

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Rows include Canterbury Las, McQueen's Vall, Oxford, Lake Taylor, Mitsune, Otaki Gorge, Mangatainoka R, Mavora Lakes, Scrubby Hill, Birch Farm, The Paps, Waihanoa, Tukino.

24d 23h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Shimob, Aoi, Boso, Ryogami, Matushiro, etc.

ISCJB 24 21:09:20.8-0.6, 23.95N-122.48E-0.02, h20km, 5km, Error ellipse: s-maj=6.9km s-min=2.7km az=164.2

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Yonagunijimaku, Chiawan, ENA, TWC, etc.

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Table with columns: WTP, SGST, CHN1, CHN1. Includes station names like Jiasian, Nanshi, etc.

IDC 24 21:10:19.6-1.9, 235N-128.19E, h0km, mb3.8/4, mb1 4.0/4, mb1mx3.5/3.4, mbtmp3.8/4, Error ellipse: s-maj=136.3km s-min=23.1km az=66.0, Halmahera

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

KRSC 24 21:18:23.0-5.5, 55.72N-162.45E, h58km, 15km, ML3.8, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KBTR, ZLZ, ZLN, SMKR, etc.

IDC 24 21:30:30.1-1.4, 27.2N-130.77W, h0km, mb3.8/4, mb1 3.9/4, mb1mx3.5/3.6, mbtmp3.8/4, MS3.6/8, Ms1 3.6/8, mb1mx3.3/3.9, Error ellipse: s-maj=72.7km s-min=24.8km az=153.0, Central Mid-Atlantic Ridge

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H10N3, H10N2, H10N1, H10S3, etc.

SKHL 24 21:35:48.3-1.3, 51.21N-141.99E, h10km, mb3.7/2, Sakhalin Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TYV, NKL, GRNR, EKMR, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RAO, CTA, PMG, STKA, ASAR, WRAB, WRA, COCO.

IDC 24 22:05:54.9-5.75, 0.3005N-77.83W, h0km, Error ellipse: s-maj=306.2km s-min=154.1km az=37.0, Off east coast of United States

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like I51GB, I10CA, I18DK, I11CV, I26DE.

DDA 24 22:19:41.7, 35.86N-30.84E, h8km, Md3.1, CSEM 24 22:19:41.4, 0.3, 36.20N-30.02E, h146km, 2km, MD3.1, Error ellipse: s-maj=9.4km s-min=7.9km az=140.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KORT, AKAS, GOLH, IKL, etc.

IDC 24 22:27:50.9-13.0, 18.77N-145.29E, h426km, 155km, mb3.1/9, mb1 3.4/9, mb1mx3.1/3.6, mbtmp3.9/9, Error ellipse: s-maj=37.8km s-min=13.6km az=58.0, Mariana Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA, ASAR, CMAR, STKA, MKAR, ILAR, YKA, NVAR, FINES.

IDC 24 22:54:11.5-5.4, 2.18N-100.12E, h0km, mb3.7/4, mb1 3.9/4, mb1mx3.5/3.1, mbtmp3.7/4, Ms4 2/2, Ms1 4.2/2, ms1mx3.0/5.4, Error ellipse: s-maj=290.9km s-min=22.7km az=55.0

ISCJB 24 22:54:16.7-0.9, 23N-0.1, 100.2E-0.1, h35km, n12, 0.65/10, mb3.9, Northern Sumatra

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GSI, DGAR, YHNB, WRA, WRAB, ASAR, ULN, MKAR, JHJ, TLY, ZALV, VRAC.

IDC 24 23:06:28.5-0.8, 13.38N-148.05E, h0km, mb4.1/13, mb1 4.3/14, mb1mx4.0/5.5, mbtmp4.2/14, ML 4.6/1, Error ellipse: s-maj=25.2km s-min=18.3km az=100.0

NEIC 24 23:06:30.1-0.3, 13.37N-147.99E, h10km, mb4.5/11, Error ellipse: s-maj=8.1km s-min=7.0km az=97.0

ISCJB 24 23:06:31.8-0.5, 13.38N-147.94E, h0.06, h33km, mb4.3/26, Error ellipse: s-maj=10.6km s-min=8.8km az=173.4

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GUMO, H11S3, H11S1, H11S2.

25d 3h

2C-2D, Error ellipse: s-maj=2.9km s-min=0.9km az=90.0, South Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Canterbury Las, McQueen's Vall, Oxford, Lake Taylor, Kahutara, Rata Peaks, Denniston Nort, Blackbirch Sta, Lake Benmore, Otahua Downs, Fox Glacier, Nelson, Tory Channel, Saring Head, Palliser, Cannon Point, Earnsclough, Kapiti Island, Mount Morrison, Otaki Gorge, Tuapeka, Mangatainoka R, Mavora Lakes, Birch Farm, Scrubby Hill, Takapari Road, The Paps, Wahianoa.

IDC 25 02:15:24.4±2.7, 16.69S×173.80W, h0km, mb3.8/4, mb1 4.1/5, mb1mx3.7/36, mbtmp3.8/5, ML3.2/1, MS3.7/3, MS1 3.7/3, ms1mx3.0/36, Error ellipse: s-maj=133.5km s-min=22.1km az=142.0, Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Afiamalu, Raoul Island, Warramunga Arr, Alice Springs, ASAJ, NVAR, ANMO, ILAR.

CASC 25 02:20:53.7±5.0, 8.12N-83.75W, h0km±14km, MD4.2, 2C, Costa Rica

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Cotoan, Quepos, Buda Vista, Heredia, Cerro Gallo 2, Jicaral, Azuero.

KRSC 25 02:45:06.1±0.6, 53.25N×158.39E, h173km±4km, ML3.6, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Koryaka, Arik, Avacha, Somma, Uglavya, Petropavlovsk, Sedlovina, Ganaly, Nalytchevo, Apacha, Russkaya, Mys Shipunski, Karymskiy, Pauzhetka, Esso, Kamnistaya, Kopyto, Zelenaya, Baidarnaya, Sorokina, Semkarok, Krutoberegovo, Bering.

NNC 25 03:12:49.7±4.2, 40.68N×76.97E, h0km, mb3.2, mpv2.8, Error ellipse: s-maj=32.8km s-min=17.7km az=174.0, SOME 25 03:12:50.4±0.1, 40.72N×76.90E, h5km, KRNET 25 03:12:54.9±0.1, 40.97N×76.81E, h11km, mb2.7, ISC 25 03:12:50.8±2.5, 40.78N±0.10, 76.92E±0.03, h4km±18km, n31, ±1516/57, 21C-8D, Kyrgyzstan-Xinjiang border region

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

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Main table with columns: NRN, ULHL, ULHL, KZA, KZA, BOOM, BOOM, ARLS, ARLS, TNSS, TNSS, IZV, IZV, UCH, UCH, TKM2, TKM2, TKM2, KST, KST, MTBS, MTBS, MDOK, MDOK, UCH, UCH, AAK, AAK, AAK, DGS, DGS, UZB, UZB, KURS, KURS, KTBS, KTBS, KPKS, KPKS, CHKK, CHKK, PDGK, PDGK, PDGK, PDGK, SHLS, SHLS, MRKS, MRKS, MNBS, MNBS, ARXS, ARXS, KKK1, KKK1, KKK3.

KRNET 25 03:36:48.0±1.1, 41.97N×72.17E, h14km, mb3.3, NNC 25 03:36:48.5±1.1, 41.88N×72.03E, h0km, mb3.7, mpv3.5, Error ellipse: s-maj=11.1km s-min=6.9km az=178.0, SOME 25 03:36:52.2±4.2, 30N×72.27E, h5km, ISC 25 03:36:47.0±1.0, 41.94N±0.03, 72.24E±0.02, h11km±9km, n52, ±1516/83, 29C-30D, Kyrgyzstan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Arkit, Toktogul, Merke, Almayashu, Almayashu, Erkin-Say, Osh, Aral, Aral, Iuzhnay, Iuzhnay, Uchtor, Uchtor.

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Table with columns: UCH, Uchtor, KK31, Karatay Array, KK31, AAK, Ala-Archa, AAK, Ala-Archa, AAK, Ala-Archa, FRU1, Bishkek, FRU1, Bz64, BRSL, Boroday, BRSL, 5.4nm,0.4s, USP, Oспенovka, USP, Oспенovka, USP, Oспенovka, KBK, Karagaybulak, KBK, Karagaybulak, CHMS, Chumysk, CHMS, KZAT, Batken, BTK, Batken, KZA, Kyzart, KZA, Kyzart, TKM2, Tokmak 2, TKM2, Tokmak 2, TKM2, Tokmak 2, BMNS, Besmoyak, BMNS, NRN, Naryn, NRN, DGS, Degeres, DGS, KST, KasteK, KST, UHLH, Ulahol, MTBS, Matube, MTBS, IZV, IZvestkoviy, IZV, KUUR, Kurty, KUUR, TNSS, Tian-Shan, TNSS, TNSS, Karatobe, TNSS, MDOK, Medeo, MDOK, KOTS, Kotrybulak, KOTS, CHKK, Chushkaly, CHKK, MNBS, Baschi, MNBS, ARXS, Arharly, ARXS, KKK1, Karatay Array, KKK1, KKK3, Dzhirgataly, OTUK, OTUK, MK31, Makanchi Array, VOSK, Vostochnaya, BVA0, Borovoye Array, AB31, Akbulak array.

DHMR 25 03:37:21.2±1.3, 12.09N×44.72E, h21km±7km, ML4.2, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Aden, Aden, LBOB, Udayn, Udayn, Al Bayda, Al Bayda, DHBB, Dhanar BB, DHBB.

DJA 25 03:45:00.8±1.0, 7.7S×106.6E, h26km±7km, M4.0/10, mb4.3/1, MLV3.8/10, Jawa

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Cbinong, Serang, Lembang, Cisompét, Garu, Cimerak, Kota Agung, Karang Pucung, Liwa, Gunung Srandil, Maura Dua, Pagerwojo.

CSEM 25 03:57:23.0.0.3, 381.75N, 42.38E, h2km, MD2.5, Error ellipse: s-maj=8.0km s-min=5.5km az=73.0

DDA 25 03:57:23.2, 38.76N, 42.40E, h8km, MD2.5, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Tatvan, Karacoban, Gevas, Eleskirt, Batman, Horasan, Cat-ERZURUM, Erzurum.

BUC 25 04:02:40.7±0.2, 45.51N, 26.55E, h120km, MD2.8/2, 8C-2D, Error ellipse: s-maj=6.5km s-min=4.2km az=46.0

Romania

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Plostinia, Vrincoiaia, Muntele Rosu, Carcaliu, Tirusor, Wanganui.

ISCJB 25 04:40:09.1±0.7, 43.63S, 0.04, 172.76E, 0.06, h14km, 4km, mb4.5/6, MS3.5/7, Error ellipse: s-maj=9.7km s-min=3.6km az=136.1

IDC 25 04:40:10.5±1.4, 43.33S, 172.54E, h0km, mb4.1/2, mb1.4/3, mb1mx4.0/19, mbtmp4.1/3, ML4.0/1, MS3.5/7, Ms1.3/6.7, ms1mx3.3/25, Error ellipse: s-maj=46.0km s-min=13.7km az=155.0

NEIC 25 04:40:10.8, 43.58S, 172.66E, h6km, mb4.9/4, ML4.7(WEL), After WEL

NEIC Felt widely in the Christchurch area. WEL 25 04:40:11.1±0.1, 43.58S, 172.63E, h7km, ML4.7/46, Error ellipse: s-maj=1.1km s-min=0.7km az=90.0

WEL Felt in the Canterbury region, maximum reported intensity MM 6

ISC 25 04:40:10.0±1.1, 43.55S, 0.04, 172.72E, 0.04, h9km, 7km, n118, r1931/106, mb4.5/6, MS3.5/7, 8C-6D, South Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Canterbury Las, McQueen's Vall, Oxford, Lake Taylor, Rata Peaks, Incheonbonnie, Kahutara, Waitaha Valley, Tophouse, Dennison Nort, Lake Benmore, Blackbirch Sta, Fox Glacier, Otahua Downs.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Tuamarina, Nelson, Tory Channel, Baring Head, South Karori, Quartz Range, Cannon Point, Mount Morrison, Tuapeka, Otawahi Gorge, Milford Sound, Mavora Lakes, Birch Farm, Scrubby Hill, Wether Hill, Wanganui, Takapari Road, Kahui Hut, Deep Cove, Pukeiti, Mangahewa, Veria Road, The Paps, Pokaka, Moawhango, Wahianoa, Turoa, Fwyz, Tukino, Otutere, Kawareware, Black Stump Fm, Hauiti, Urewera.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Stephens Creek, Charters Town, Alice Springs, Tennant Creek, Warramunga Arr, Port Moresby, South Pole Qui, Kappang, Syowa Base, Lembang, Chiang Mai Arr, Petropavlovsk, Makanchi Arr, Torodi Arr, Keskin Array B, Fines Fines Array B.

ISCJB 25 04:55:32.9±0.6, 12.79N, 0.06, 88.90W, 0.05, h62km, 6km, mb3.7/7, Error ellipse: s-maj=11.8km s-min=3.6km az=36.9

CASC 25 04:55:35.0±4.7, 12.89N, 88.85W, h40km, 20km, MD4.7, ML3.3

IDC 25 04:55:38.2±2.4, 13.10N, 88.64W, h83km, 20km, mb3.4/7, mb1.3/6.1, mb1mx3.4/38, mbtmp3.7/11, MS3.0/3, Ms1.3/0.3, ms1mx2.6/20, Error ellipse: s-maj=46.1km s-min=15.7km az=44.0

ISC 25 04:55:35.5±1.3, 12.77N, 0.07, 88.92W, 0.05, h46km, 13km, n42, r193/57, mb3.5/7, 1C-10D, Off coast of central America

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Tecapa, San Vicente, El Faro, San Miguel, Chinameca, San Blas, Cerro Negro, Copaltepe, Momotombo, Estel, Laguna Tiscapa, Managua, BOAC BOAC BROADBAND, JuntasAbangare, Jicaral, Cerro Gallo 2, Quepos, Buena Vista, Cotoan, Punta Burica N, Matias Romero, Tepich, Santo Domingo, Lajitas Array, Lajitas Array, Albuquerque, Pinedale Array, Mina Array Bea, Brasilia, Yelkowitz Ar, Inuvik, Eielson Array, Warramunga Arr.

MAN 25 05:05:01, 10.80N, 124.57E, h32km, mb3.5, ML2.2, MS1.7, 1D, Lylete

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Ormoc, Palo, Masin, Urewera, Ormoc, Palo, Masin, Urewera, Ormoc, Palo, Masin, Urewera, Ormoc, Palo, Masin, Urewera.

NNC 25 05:19:37.2, 3.3670N, 70.97E, h130km, 26km, mb3.2, mpv4.0, Error ellipse: s-maj=20.9km s-min=12.3km az=160.0

IDC 25 05:19:41.2, 7.9, 37.71N, 69.42E, h103km, 52km, mb3.0/2,

Table with columns: ALN, Alexandroupoli, 0.95 304, P, Pg, 09 20 28.0 -0.3, 929µm,0.4s, SMG, 1356µm,0.5s, SMG, Samos, 2.66 184, P, Pn, 09 20 52.7 -0.1, DRO, Drossia, 4.82 242, P, Pn, 09 21 25.0 +2.4

Table with columns: SRS, Serrai, 2.76 287, S, S, 09 21 27.2 -0.3, SRS, Serrai, 2.76 287, S, S, 09 21 27.2 -0.3, SRS, Serrai, 2.76 287, S, S, 09 21 27.2 -0.3

Table with columns: DRO, Drossia, 4.82 242, P, Pn, 09 21 25.0 +2.4, DRO, Drossia, 4.82 242, P, Pn, 09 21 23.9 +1.3, DRO, Drossia, 4.82 242, P, Pn, 09 21 23.9 +1.3

IDC 25 09:27:22.2, 1.6:38S-129:46E, h0km, mb3.1, m3.7/4, mb1mx3, 4/37, mbmp3.5/4, ML3.5/3, Error ellipse: s-maj=89.5km s-min=27.4km az=76.0, Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, FITZ, Fitzroy Crossi, 12.24 197, Op, ISC, Pn, 09 30 19.6 +1.6

ISCJB 25 09:49:0.0, 4.35:29N, 0.01:92:39W, 0.01, h3km, 3km, Error ellipse: s-maj=2.1km s-min=1.8km az=149.6, IDC 25 09:49:0.0, 1.0, 35:28N, 92:35W, h0km, mb1 3.7/5, mb1mx3, 4/43, mbmp3.4/5, ML3.9/3, Error ellipse: s-maj=17.3km s-min=9.5km az=176.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, WHAR, Woolly Hollow, 0.06 65, Op, ISC, Pn, 09 49 02.9 +0.2

NEIC 25 09:49:0.1, 4.35:28N, 92:37W, h6km, MN3.6, MW3.5, Moment Tensor Solution, s17 Moment tensor: Scale 1.014Nm; Mw=0.40; Ms=1.30; Ms-1.30; Mw-0.79; Ms-0.50; Ms-0.41; Best double couple: Ms2.0000x1014 NPT: q=210.00000; r=65.00000; A=1.15.00000; NP2: q=310.00000; r=76.00000; A=154.00000. Principal axes: T 2.0100, Pg28.0000, Azm169.0000; N 0.0000, P1g61.0000, Azm8.0000; P -2.0100, P1g8.0000, Azm264.0000; After CERI.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, WHAR, University of, 0.49 179, Op, ISC, Pn, 09 49 10.7 +0.4

NEIC 25 09:49:0.0, 1.0, 35:27N, 92:35W, h0km, 0.02, h9km, 6km, m247, s17/284, Arkansas

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, WHAR, Ferguson Farm, 0.59 263, P, Pg, 09 49 12.3 +0.1

NEIC 25 09:49:0.0, 1.0, 35:27N, 92:35W, h0km, 0.02, h9km, 6km, m247, s17/284, Arkansas

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, WHAR, Mount Ida, 1.24 235, P, Pg, 09 49 24.0 -0.2

NEIC 25 09:49:0.0, 1.0, 35:27N, 92:35W, h0km, 0.02, h9km, 6km, m247, s17/284, Arkansas

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, WHAR, Mount Ida, 1.24 235, Op, ISC, Pn, 09 49 24.0 -0.2

NEIC 25 09:49:0.0, 1.0, 35:27N, 92:35W, h0km, 0.02, h9km, 6km, m247, s17/284, Arkansas

25d 9h

240A	Long Farm, Mag	2.18 204	P	Pn	09 49 37.6 +0.4
S40A	Lebanon	2.33 357	P	Pn	09 49 40.9 +1.6
CWPT7	Cottwood Poi	2.34 71	ePn	Pb	09 49 40.9 +1.5
WADM	Wardell	2.35 61	ePn	Sb	09 49 42.6 -0.6
WADM	Wardell	2.35 61	eS	Sb	09 50 14.1 +1.7
V37A	Hulbert	2.35 286	P	Pn	09 49 40.8 +1.2
T38A	Diamond	2.36 319	P	Pn	09 49 41.1 +1.3
Y38A	Idabel	2.37 236	P	Pn	09 49 41.0 +1.1
Y38A			S	Sn	09 50 11.1 +2.1
EBZ	Ebenezer Churc	2.46 92	ePn	Pn	09 49 42.1 +1.0
U37A	Salina	2.52 298	P	Pn	09 49 43.1 +1.3
Z39A	Irene McRaven,	2.52 217	P	Pn	09 49 43.1 +1.2
W37B	Quinton	2.52 268	P	Pn	09 49 43.1 +1.2
PARMO	Parma	2.53 56	ePn	Pn	09 49 43.5 +1.5
PARMO	Parma	2.53 56	eS	Sn	09 50 15.2 +2.3
OXF	Oxford	2.53 106	ePn	Pn	09 49 43.2 +1.1
OXF	Oxford	2.53 106	eS	Sn	09 50 13.2 +0.2
HALT	Halls	2.54 74	ePn	Pn	09 49 43.0 +0.9
HALT	Halls	2.54 74	eS	Sn	09 50 15.2 +2.1
S39A	Bolivar	2.54 342	P	Pn	09 49 43.9 +1.7
X37A	Clayton	2.57 256	P	Pn	09 49 44.1 +1.6
RELT	Roellen	2.60 72	ePn	Pn	09 49 44.8 +1.8
RELT	Roellen	2.60 72	ePb	Pb	09 49 48.1 +0.6
S38A	Stockton	2.67 332	P	Pn	09 49 45.6 +1.6
GLAT	Glass	2.69 67	ePn	Pn	09 49 45.5 +1.4
141A	Papa Simpson,	2.69 190	P	Pn	09 49 44.6 +0.4
141A			S	Sn	09 50 17.8 +0.8
T37A	Cheneyville 18	2.78 313	P	Pn	09 49 47.3 +1.8
140A	Cam and Jess,	2.81 202	P	Pn	09 49 46.8 +1.0
TUL1	Leonard	2.88 284	P	Pn	09 49 47.8 +1.1
TUL1	Leonard	2.88 284	ePn	Pn	09 49 48.1 +1.3
Z38A	Mt. Pleasant	2.97 228	P	Pn	09 49 49.2 +1.2
U36A	Oologah	2.97 293	P	Pn	09 49 49.0 +1.0
V36A	Jenks	2.97 281	P	Pn	09 49 49.5 +1.4
Y37A	Hugo	2.99 245	P	Pn	09 49 50.1 +1.8
R40A	Maddies Statio	3.02 1	P	Pn	09 49 50.5 +1.7
139A	Bunkhouse Ranc	3.09 214	P	Pn	09 49 51.1 +1.5
R39A	Chumby, Stover	3.09 350	P	Pn	09 49 51.6 +1.9
R38A	Fenwick Farm,	3.17 337	P	Pn	09 49 52.2 +1.3
W36A	Wetumka	3.17 269	P	Pn	09 49 52.2 +1.3
S37A	Fort Scott	3.19 322	P	Pn	09 49 52.4 +1.3
X36A	Centrahoma	3.36 259	P	Pn	09 49 54.9 +1.4
T36A	Boogs Farm, Ca	3.37 303	P	Pn	09 49 54.9 +1.4
VBMS	Vicksburg	3.40 153	P	Pn	09 49 55.4 +1.4
VBMS	Vicksburg	3.40 153	ePn	Pn	09 49 55.1 +1.1
Z37A	Pogue Cattle C	3.41 234	P	Pn	09 49 55.6 +1.6
138A	Matatal Enter	3.45 222	P	Pn	09 49 56.2 +1.5
SIUC	Southern Illin	3.52 45	ePn	Pn	09 49 57.8 +2.2
Y36A	Durant	3.52 248	P	Pn	09 49 57.1 +1.5
S36A	Lake Cedric, C	3.58 314	P	Pn	09 49 58.1 +1.6
R37A	Teagarden Farm	3.63 328	P	Pn	09 49 58.8 +1.6
Z39A	Gary	3.69 209	P	Pn	09 49 59.2 +1.3
V35A	Meyer Ranch, C	3.69 279	P	Pn	09 49 59.0 +1.0
W35A	Tecumseh	3.71 270	P	Pn	09 49 59.4 +1.2
U35A	Pawnee	3.73 288	P	Pn	09 49 59.7 +1.3
Q40A	Laux Farm, Aux	3.73 3	P	Pn	09 50 00.2 +1.7
T35A	Sooner Cattle	3.75 297	P	Pn	09 50 00.1 +1.3
WVT	Waverly	3.78 76	ePn	Pn	09 50 00.1 +0.9
Q39A	Willow Grove F	3.81 353	P	Pn	09 50 01.2 +1.7
Q38A	Cooks Store, C	3.83 345	P	Pn	09 50 01.6 +1.8
X35A	Drake	3.90 259	P	Pn	09 50 01.8 +1.0
Z36A	Blue Ridge	3.92 241	P	Pn	09 50 02.4 +1.2
R36A	Gordon, Harris	3.96 321	P	Pn	09 50 03.1 +1.4
Q37A	Longview Farm,	3.98 336	P	Pn	09 50 03.3 +1.4
Z38A	Jacksonville	3.99 216	P	Pn	09 50 03.5 +1.4
NATX	Nacogdoches	3.99 210	P	Pn	09 50 03.6 +1.4
S35A	Otter Creek Ra	4.00 308	P	Pn	09 50 03.5 +1.2
A40A	Bronson	4.05 199	P	Pn	09 50 04.1 +1.3
P39A	Salisbury	4.23 356	P	Pn	09 50 06.8 +1.5
V34A	Guthrie	4.25 279	P	Pn	09 50 06.6 +0.9
V34A	Guthrie	4.25 279	ePn	Pn	09 50 07.0 +1.3
P40A	Paris	4.26 3	P	Pn	09 50 07.1 +1.3
T34A	McClaskey Farm	4.29 296	P	Pn	09 50 07.4 +1.2
Z37A	Washetta, Mont	4.35 222	P	Pn	09 50 08.4 +1.4
U34A	Anderson Ranch	4.37 287	P	Pn	09 50 08.7 +1.4
U34A	Anderson Ranch	4.37 287	ePn	Pn	09 50 08.7 +1.4
W34A	Bridge Creek,	4.44 271	P	Pn	09 50 09.6 +1.3
W34A	Bridge Creek,	4.44 271	ePn	Pn	09 50 09.5 +1.3
Q36A	Arnold, C. Orve	4.45 327	P	Pn	09 50 09.9 +1.6
136A	Ennis	4.45 342	P	Pn	09 50 09.9 +1.4
P38A	Dawn	4.45 238	P	Pn	09 50 10.2 +1.8
Z35A	Perchaven, San	4.49 246	P	Pn	09 50 10.4 +1.4
S34A	Willow Spring	4.54 304	P	Pn	09 50 10.9 +1.3
X34A	Smith Ranch, M	4.55 263	P	Pn	09 50 11.0 +1.1
P37A	Lathrop	4.62 340	P	Pn	09 50 12.2 +1.7
338A	Crockett	4.62 213	P	Pn	09 50 12.0 +1.3
USIN	University of C	4.63 53	ePn	Pn	09 50 12.3 +1.4
Q35A	Mercer Eighty,	4.64 322	P	Pn	09 50 12.4 +1.4
Y34A	Reagan Ranch,	4.64 255	P	Pn	09 50 12.3 +1.2
440A	Kirbyville	4.71 197	P	Pn	09 50 13.3 +1.4
OLIL	Olney	4.85 43	ePn	Pn	09 50 15.2 +1.2
Q40A	La Belle	4.86 4	P	Pn	09 50 15.6 +1.5
V33A	Lossen Ranch,	4.87 278	P	Pn	09 50 15.1 +0.9
439A	Center Grove,	4.90 205	P	Pn	09 50 16.6 +2.0
P36A	Good Intent, A	4.90 333	P	Pn	09 50 15.8 +1.2

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038A	Galt	4.93 350	P	Pn	09 50 16.5 +1.5
R34A	Isabella, Hill	4.96 309	P	Pn	09 50 16.7 +1.3
LRAL	Lakeview Retre	4.97 115	ePn	Pn	09 50 16.7 +1.2
Z34A	Collier Ranch,	4.98 249	P	Pn	09 50 17.0 +1.4
O39A	Kirksville	4.98 358	P	Pn	09 50 16.9 +1.2
135A	Vickery Place,	5.00 239	P	Pn	09 50 17.2 +1.2
W33A	Caddo, Fort Co	5.01 270	P	Pn	09 50 17.4 +1.3
O37A	Wolven Farm, M	5.09 344	P	Pn	09 50 18.8 +1.5
KSU1	Kansas State U	5.12 320	P	Pn	09 50 18.7 +1.1
KSU1	Kansas State U	5.12 320	ePn	Pn	09 50 19.8 +2.1
P35A	Duane Minner,	5.16 327	P	Pn	09 50 19.0 +0.8
Q34A	Chapman	5.17 316	P	Pn	09 50 19.1 +0.8
438A	Sam Houston St	5.21 211	P	Pn	09 50 20.4 +1.5
SWET	Sewanee	5.25 89	ePn	Pn	09 50 21.2 +1.7
O36A	Bolckow	5.28 338	P	Pn	09 50 21.4 +1.6
WMOK	Wichita Mounta	5.30 266	ePn	Pn	09 50 22.0 +1.9
Y33A	Hilltop Ranch,	5.32 258	P	Pn	09 50 21.7 +1.3
WHXT	Lake Whitney,	5.37 234	P	Pn	09 50 22.3 +1.3
336A	Riesel	5.39 225	P	Pn	09 50 22.5 +1.1
U32A	Winter Ranch,	5.52 284	P	Pn	09 50 23.9 +0.8
N38A	Joess South For	5.56 353	P	Pn	09 50 24.5 +0.8
P34A	Walnut Farm, R	5.56 322	P	Pn	09 50 24.6 +0.9
N39A	Derby Farms, D	5.60 359	P	Pn	09 50 25.2 +0.9
W32A	Sentinel	5.65 271	P	Pn	09 50 25.7 +0.8
Z33A	Whitaker Ranch	5.66 251	P	Pn	09 50 26.2 +1.0
WCJ	Wyandotte Cave	5.69 57	ePn	Pn	09 50 26.4 +0.9
O35A	Humboldt	5.73 332	P	Pn	09 50 27.1 +1.1
Q33A	Connally Farm,	5.75 312	P	Pn	09 50 27.3 +1.0
X32A	Elmer	5.76 264	P	Pn	09 50 27.9 +1.4
HDIL	Hopedale	5.81 24	ePn	Pn	09 50 29.0 +1.9
335A	Moody	5.82 228	P	Pn	09 50 28.2 +1.0
Z34A	Clairette	5.82 238	P	Pn	09 50 27.9 +0.7
S32A	Newby Ranch, P	5.83 297	P	Pn	09 50 28.6 +1.1
N36A	Muff Farm, Cla	5.91 340	P	Pn	09 50 30.0 +1.5
P33A	Williams Farm,	5.95 316	P	Pn	09 50 30.3 +1.2
O34A	Beatrice	5.99 326	P	Pn	09 50 30.4 +0.8
R32A	Long Quarter,	5.99 304	P	Pn	09 50 30.3 +0.6
BLO	Bloomington	6.07 48	ePn	Pn	09 50 32.4 +1.7
537A	Green Hill Far	6.16 214	P	Pn	09 50 32.6 +0.8
N35A	Tabor	6.16 336	P	Pn	09 50 33.3 +1.4
U31A	Nine Bar Ranch	6.19 282	P	Pn	09 50 33.2 +0.8
Q32A	Mettler Ranch,	6.20 309	P	Pn	09 50 33.5 +1.0
T31A	Randall Ranch,	6.20 289	P	Pn	09 50 33.5 +1.0
334A	Lometa	6.30 233	P	Pn	09 50 34.5 +0.7
O33A	Hebron	6.34 321	P	Pn	09 50 35.9 +1.4
Z33A	Rising Star	6.35 241	P	Pn	09 50 35.2 +0.6
CPCT	Cook's Cave	6.40 86	ePn	Pn	09 50 37.1 +1.8
N34A	Lincoln	6.45 313	P	Pn	09 50 37.5 +1.5
R31A	Burdett	6.50 300	P	Pn	09 50 37.1 +0.4
P32A	Huling Farm,	6.60 313	P	Pn	09 50 38.7 +0.7
ABTX	Abilene, Hawle	6.61 249	ePn	Pn	09 50 38.6 +0.5
434A	Burns	6.66 230	P	Pn	09 50 39.2 +0.4
Q31A	Ellis	6.75 306	P	Pn	09 50 40.9 +0.8
N33A	Bluff K. Exete	6.79 325	P	Pn	09 50 41.6 +1.1
333A	Richland Sprin	6.80 237	P	Pn	09 50 41.0 +0.2
U30A	WK& Inc. Balk	6.85 283	P	Pn	09 50 42.1 +0.6
CBKS	Cedar Bluff	6.89 303	P	Pn	09 50 42.8 +0.9
CBKS	Cedar Bluff	6.89 303	ePn	Pn	09 50 42.9 +1.0
S30A	Montzuma	6.95 292	P	Pn	09 50 43.4 +0.5
TKL	Tuckaleechee C	7.01 84	Pn	Sn	09 52 01.4 -2.1
TKL	Tuckaleechee C	7.01 84	Pn	Lg	09 52 35.5
TKL	Tuckaleechee C	7.01 84	ePn	Pn	09 50 45.3 +1.7
TKL	Tuckaleechee C	7.01 84	eS	Sn	09 52 01.4 -2.1
TKL	Tuckaleechee C	7.01 84	eS	Sn	09 52 36.0 +9.4
P31A	Stockton	7.02 309	P	Pn	09 50 44.7 +0.9
R30A	Dighton	7.04 298	P	Pn	09 50 44.9 +0.9
433A	Art	7.23 233	P	Pn	09 50 47.1 +0.5
Q30A	Quinter	7.29 303	P	Pn	09 50 48.5 +0.9
U29A	Oasis Ranch, S	7.34 282	P	Pn	09 50 48.3 +0.1
534A	Blanco	7.34 226	P	Pn	09 50 48.7 +0.5
635A	Leesville	7.44 220	P	Pn	09 50 49.8 +0.3
GOGA	Godfrey	7.58 102	ePn	Pn	09 50 52.8 +1.4
GOGA	Godfrey	7.58 102	eS	Pn	09 52 59.6 -4.4
P30A	Selden	7.60 307	P	Pn	09 50 52.7 +1.0
AMTX	Amarillo	7.66 270	P	Pn	09 50 53.0 +0.4
AMTX	Amarillo	7.66 270	ePn	Pn	09 50 54.3 +1.8
R29A	Marienthal	7.72 297	P	Pn	09 50 53.9 +0.6
634A	China Grove, S	7.72 233	P	Pn	09 50 55.0 +1.1
Q29A	Oakley	7.79 300	P	Pn	09 50 55.5 +1.2
O30A	MW Ranch, Wils	7.83 311	P	Pn	09 50 55.8 +0.9
JCT	Junction City	7.88 235	P	Pn	09 50 55.7 +0.2
JCT	Junction City	7.88 235	ePn	Pn	09 50 55.6 +0.1
M31A	Lambrecht Ranc	7.99 321	P	Pn	09 50 58.1 +1.0
S28A	Manter	8.04 290	P	Pn	09 50 58.4 +0.6
P29A	Atwood	8.08 305	P	Pn	09 50 59.1 +0.8
633A	Saathoff Ranch	8.17 227	P	Pn	09 51 00.6 +1.0
K33A	Hampton	8.17 335	P	Pn	09 51 00.8 +1.2
R28A	Tribune	8.18 295	P	Pn	09 51 00.3 +0.5
N30A	Huette Ranch,	8.23 314	P	Pn	09 51 01.3 +0.9
O29A	4D Ranch, Culb	8.27 308	P	Pn	09 51 02.0 +1.1

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L31A	Butterfield Fa	8.56 326	P	Pn	09 51 05.6 +0.7
N29A	Votaw Ranch, W	8.56 313	P	Pn	09 51 06.0 +1.1
MSTX	Muleshoe	8.69 264	P	Pn	09 51 06.6 -0.1
MSTX	Muleshoe	8.69 264	ePn	Pn	09 51 07.8 +1.1
O28A	Krutsinger Ran	8.90 306	P		

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CEME, NKME, NKY, NKY, BUM, etc.

OBM 25 09:58:21.6, 0.4754N, 110.15E, h2km, M13.8/2, 1C-10D, Error ellipse: s-maj=1.0km s-min=0.5km az=12.0.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like UGDM, ARTM, SEMM, UBSM, ALFM, UBIM, etc.

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SONA1, SONA2, SONB1, SONB2, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LANU, ARAO, HFS, etc.

25d 13h

Table with columns: ID, Name, Time, Status, Type, and other details. Includes entries like 437A Phantom Ranch, 435B Jarrell, 434A Burnet, etc.

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Table with columns: ID, Name, Time, Status, Type, and other details. Includes entries like LRAL Lakeview Retre, X34A Smith Ranch, X33A Lawton, etc.

1260

Table with columns: ID, Name, Time, Status, Type, and other details. Includes entries like U29A Oasis Ranch, PBMO Poplar Bluff, LPM Los Pinos Moun, etc.

1261

Table with columns: CBKS, Cedar Bluff, 21.29 350, eP, P, 13 12 03.1 -0.2. Includes rows for DBBC Dabeiba, Q32A Metler Ranch, W18A Petrified Fore, etc.

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Table with columns: BLA, Glamis, 23.29 314, P, P, 13 12 24.6 +1.4. Includes rows for N30A Huettle Ranch, OCAC Ocana, PV01 Paradox Valley, etc.

25d 13h

Table with columns: PFO, comp=Z,89nm,0.9s, pmax, pmax, 13 12 38.4 +1.5. Includes rows for CHIC Chicago, K36A Gilmore City, K33A Harding, etc.

25d 13h

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like MWC Mount Wilson, I33A Coleman, PASO Pasadena Art C, etc.

2011 FEB

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like MCU Monte Cristo P, G32A Webster, G30A Faulcon, etc.

1262

Table with columns for call sign, name, frequency, mode, and other details. Includes entries like LOHW Long Hollow, F25A Bowman, BRNJ Basking Ridge, etc.

25d 13h

Table with columns for station name, frequency, and signal strength. Includes stations like Zalesovo Array, Zalesovo Beam, Vostochnaya, Talaya, Kurchatov, etc.

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Table with columns for station name, frequency, and signal strength. Includes stations like GTA, SYO, CTA, CTAO, KASHI, etc.

1266

Table with columns for station name, frequency, and signal strength. Includes stations like WRA, KMI, ASAR, PYUN, GKN, GUN, KOLN, DMN, TAPN, RAMM, QIZ, SHL, LSH, LWL, CRAI, MYLDM, CMAI, PHRA, KKM, CHTO, CHTO, CHTO, CMMT, LAMP, FITZ, LOEI, CMAR, CMAR, CMAR, CMAR, UTTA, SUKH, PBKT, SRSR, KRLI, UMPA, KAPI, KAPI, CHLP, ABPO, ABPO, ABPO, HYBB, HYBB, HYB, POLAVAR, NJS, NJS, SRI, ADKI, ADKI, SBUM, RCLA, URV, URV, NWAO, NWAO, NWAO, SKHT, SKHT, KSM, KSM, JAGI, KULM, KULM, KULM, RER, IPM, IPM, MYKOM, MYKOM, PALK, PALK, PALK, PALK, PSI, PSI, CISI, CISI.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes entries for GSI, DGAR, COCO, West Island.

IDC 25 13:11:51.9:75.0, 1.66N:26.83W, h0km, mb4.1/3, mbl 4.0/3, mb1mx3.7/7, mbtmp4.1/3, Error ellipse: s-maj=1779.0km s-min=17.9km az=21.0, Central

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes entries for H10N3, H10N2, H10N1, H10S3, H10S1, H10S2, DBIC, TORD, AKASG.

NEIC 25 13:16:48.0, 35.25N:92.35W, h4km, MD2.5(CERI), After CER1.

NEIC Felt [III] at Greenbrier. ISC 25 13:16:46.7+1.2, 35.24N:0.03:92.31W:0.04, h10km, n18, c075/28, Arkansas

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes entries for UALR, W40A, U40A, W39A, V39A, MIAR, Y40A, U39A, X39A, W38A, V38A, T40A, T39A, S40A, OXF, TUL1, JCT.

DDA 25 13:20:40.0, 40.70N:35.71E, h7km, MD2.7, Suspected Mining explosion.

ISCJB 25 13:20:40.0+0.5, 40.69N:0.03:35.75E:0.04, h0km, Error ellipse: s-maj=5.2km s-min=3.6km az=32.2

CSEM 25 13:20:40.0+0.2, 40.68N:35.74E, h2km, MD2.7, Error ellipse: s-maj=5.4km s-min=3.7km az=114.0, Suspected Mining explosion.

ISK 25 13:20:40.1, 40.74N:35.68E, h13km, MD2.7

ISC 25 13:20:40.3+0.9, 40.67N:0.03:35.72E:0.03, h0km, n20, c080/35, Turkey

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes entries for HAVZ, KVT, COAL, CORM, CUSAR, CDAG, ILGA.

IDC 25 13:30:43.4:999.0, 56.79N:34.59E, h0km, Error ellipse: s-maj=825.9km s-min=36.7km az=92.0, Baltic

States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes entries for I43RU, I31KZ, I46RU.

ISCJB 25 13:39:22.9:0.7, 37.98N:0.06:31.57E:0.05, h10km, Error ellipse: s-maj=9.0km s-min=4.2km az=158.1

ISC 25 13:39:22.5, 37.59N:31.80E, h5km, MD2.5

CSEM 25 13:39:23.3+0.7, 37.97N:31.56E, h10km, MD2.9, Error ellipse: s-maj=24.7km s-min=9.8km az=141.0

DDA 25 13:39:23.4, 38.02N:31.54E, h7km, Md2.9

ISC 25 13:39:22.9:1.0, 37.98N:0.05:31.57E:0.03, h10km, n9, c0571/16, Turkey

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes entries for BAGO, KONT, LADK, SUTC, KHDN.

IDC 25 13:48:31.3+1.0, 34.97N:73.81E, h0km, mb3.6/8, mbl 3.6/14, mb1mx3.5/3, mbtmp3.5/14, ML3.2/6, Error ellipse: s-maj=24.6km s-min=18.9km az=7.1

ISCJB 25 13:48:32.3+0.5, 34.93N:0.04:73.84E:0.07, h21km, mb2.5/7, Error ellipse: s-maj=9.5km s-min=4.2km az=148.6

NNC 25 13:48:38.1+3.8, 35.18N:73.52E, h0km, mb3.8, mpv3.6, Error ellipse: s-maj=30.8km s-min=22.1km az=155.0

ISC 25 13:48:34.6+0.7, 34.91N:0.06:73.75E:0.08, h21km, n28, c173/34, mb3.5/7, 3C-7D, Pakistan

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes entries for SMLA, DZET, MNAS, AAK, AAK, TKM2, TKM2, KK31, PYUN, KOLN, DMN, JIRN, GEYT, MKAR, RAMN, TAPN, KURBB, AB31, BVAR, AKTO, AKTO, ZALV, SONM, FINES, ARCES, TORD, WRA, ASAR, YKA.

ISCJB 25 14:29:49.8+0.6, 6.87N:0.04:73.07W:0.05, h164km, 5km, mb2.9/1, Error ellipse: s-maj=8.5km s-min=4.5km az=32.8

FUNV 25 14:29:49.3, 6.73N:73.18W, h170km, MW3.0

IDC 25 14:29:51.4+0.8, 6.73N:72.88W, h165km, 10km, mb2.7/1, mbl 3.1/3, mb1mx2.8/29, mbtmp3.4/3, Error ellipse: s-maj=57.6km s-min=8.0km az=131.0

RSNC 25 14:29:52.9+0.8, 6.82N:73.15W, h141km, 5km, ML3.2

ISC 25 14:29:50.5+0.9, 6.86N:0.04:73.05W:0.05, h159km, 7km, n25, c1918/38, Northern Colombia

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes entries for BARC, RUSC, GRMC, CAPV, OCAC, YOPC, CHIC, ROSC, ROSC, HELC, HELC, SOCV, VILC.

SDV Santo Domingo 3.13 50 P Pn 14 30 49.0 +0.8

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes entries for SDV, SDV, DBBC, TOLC, VIRV, SJAC, QARV, MAJAP, YONK, ASAR, WRA.

IDC 25 14:30:33.1+1.9, 31.82S:179.13W, h0km, mb4.2/2, mbl 4.3/3, mb1mx3.8/24, mbtmp4.1/3, ML2.9/1, Error ellipse: s-maj=45.7km s-min=41.7km az=69.0, Kermadec Islands region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes entries for URZ, URZ, ASAR, WRA, FINES, TORD.

IDC 25 14:32:28.5+8.7, 8.35S:129.68E, h203km, 125km, mb2.9/1, mbl 3.1/4, mb1mx2.9/27, mbtmp3.6/4, Error ellipse: s-maj=69.9km s-min=26.2km az=92.0, Timor Sea

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes entries for WRA, WRA, JAY, ASAR, ASAR, CMAR.

TAP 25 14:42:23.7, 23.95N:121.65E, h40km, 1km, ML3.1, C

JMA 25 14:42:23.1+0.1, 23.90N:121.66E, h39km, 1km, M2.7

ISCJB 25 14:42:24.0+0.3, 23.93N:0.02:121.72E:0.02, h39km, 6km, Error ellipse: s-maj=3.7km s-min=2.4km az=39.3

ISC 25 14:42:24.6+1.0, 23.93N:0.02:121.70E:0.02, h33km, 2km, n49, c107/84, 2C, Taiwan

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes entries for HWA, HWA, TWD, TWD, ESF, TEGC, ESL, ESL, WHF, WHF, ENA, EHY, EHY, TWT, TWT, NNS, NNS, TWF1, TWF1, TWC, TWC, ENT, ENT, SMLT, TYC, TWE, TWE, NSK, NSK, YUS, YUS, CHKT, CHKT, ALS, ALS, EGS, EGS, TWQ1, TWQ1, TWQ1, TWQ1, NSTT, NSTT, TCU, TCU, ELDTW, ELDTW, CHNS, CHNS, CHNS, TWA.

ISCJB 25 14:42:23.1+0.1, 23.90N:121.66E, h39km, 1km, M2.7

ISCJB 25 14:42:24.0+0.3, 23.93N:0.02:121.72E:0.02, h39km, 6km, Error ellipse: s-maj=3.7km s-min=2.4km az=39.3

ISC 25 14:42:24.6+1.0, 23.93N:0.02:121.70E:0.02, h33km, 2km, n49, c107/84, 2C, Taiwan

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes entries for HWA, HWA, TWD, TWD, ESF, TEGC, ESL, ESL, WHF, WHF, ENA, EHY, EHY, TWT, TWT, NNS, NNS, TWF1, TWF1, TWC, TWC, ENT, ENT, SMLT, TYC, TWE, TWE, NSK, NSK, YUS, YUS, CHKT, CHKT, ALS, ALS, EGS, EGS, TWQ1, TWQ1, TWQ1, TWQ1, NSTT, NSTT, TCU, TCU, ELDTW, ELDTW, CHNS, CHNS, CHNS, TWA.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like TWA, WKG, TWB1, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like MOZ, Gukeng, Oxford, etc.

WEL 25 14:59:58.1±0.3, 43.56±172.68E, h7km, ML2.6, 9.2C, Error ellipse: s-maj=5.2km s-min=2.0km az=90.0, South Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like CRLZ, Canterbury Las, MOZ, etc.

THR 25 15:04:30.4±0.4, 34.05N-47.49E, h14km, 3km, ML 4.0, Error ellipse: s-maj=5.2km s-min=2.0km az=90.0, South Island

ISC 25 15:04:35.6±0.7, 34.39N±0.04, 47.85E±0.03, h10km, n76, e±201/61, mb3.4/9, 17C-11D, Western Iran

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like IBZA, Bozab, IBZA, etc.

ISCJB 25 14:42:46.0±0.7, 32.38N±0.03, 115.48W±0.03, h14km±6km, Error ellipse: s-maj=5.5km s-min=4.5km az=30.0

ECX 25 14:42:47.3±0.6, 32.40N-115.49W, h5km, MD2.8, ML2.9, Error ellipse: s-maj=5.5km s-min=4.5km az=30.0

MEX 25 14:42:47.6±1.3, 32.48N-115.40W, h11km, 163km, MD3.5, Error ellipse: s-maj=5.5km s-min=4.5km az=30.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like CPBX, Cerro Prieto, MBIG, etc.

ISCJB 25 14:42:45.8±0.9, 32.35N±0.04, 115.50W±0.03, h14km±9km, n24, e±35/32, 8C-9D, California-Baja California border region

ISCJB 25 14:51:42.8±1.1, 25.3S±0.1, 179.6E±0.2, h507km, mb3.8/6, Error ellipse: s-maj=19.8km s-min=13.5km az=165.9

ISC 25 14:51:43.4±1.1, 25.3S±0.1, 179.7E±0.1, h507km, n10, e±95/12, mb3.9, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like THKV, Tehran-Karaj, IKRH, etc.

ISCJB 25 14:51:43.4±1.1, 25.3S±0.1, 179.7E±0.1, h507km, n10, e±95/12, mb3.9, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like DZM, Mont Dzumac, URZ, etc.

WEL 25 14:59:17.3±0.2, 43.80S±172.66E, h7km, ML3.0/5, 2C-2D, Error ellipse: s-maj=3.3km s-min=0.9km az=90.0, South Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like CRLZ, Canterbury Las, CRLZ, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like IDMV, comp=E,2um,0.3s, etc.

WEL 25 14:59:17.3±0.2, 43.80S±172.66E, h7km, ML3.0/5, 2C-2D, Error ellipse: s-maj=3.3km s-min=0.9km az=90.0, South Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like ZEFH, Zefreh, IZEF, etc.

ISCJB 25 15:04:30.4±0.4, 34.05N-47.49E, h14km, 3km, ML 4.0, Error ellipse: s-maj=5.2km s-min=2.0km az=90.0, South Island

ISC 25 15:04:35.6±0.7, 34.39N±0.04, 47.85E±0.03, h10km, n76, e±201/61, mb3.4/9, 17C-11D, Western Iran

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like ILAS, Lasjerd, IALA, etc.

ISCJB 25 15:04:30.4±0.4, 34.05N-47.49E, h14km, 3km, ML 4.0, Error ellipse: s-maj=5.2km s-min=2.0km az=90.0, South Island

ISC 25 15:04:35.6±0.7, 34.39N±0.04, 47.85E±0.03, h10km, n76, e±201/61, mb3.4/9, 17C-11D, Western Iran

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like IKAZ, Kazeroun, IKAZ, etc.

ISCJB 25 15:04:30.4±0.4, 34.05N-47.49E, h14km, 3km, ML 4.0, Error ellipse: s-maj=5.2km s-min=2.0km az=90.0, South Island

ISC 25 15:04:35.6±0.7, 34.39N±0.04, 47.85E±0.03, h10km, n76, e±201/61, mb3.4/9, 17C-11D, Western Iran

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like GYET, Alikebeck, GEYT, etc.

ISCJB 25 15:04:30.4±0.4, 34.05N-47.49E, h14km, 3km, ML 4.0, Error ellipse: s-maj=5.2km s-min=2.0km az=90.0, South Island

ISC 25 15:04:35.6±0.7, 34.39N±0.04, 47.85E±0.03, h10km, n76, e±201/61, mb3.4/9, 17C-11D, Western Iran

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like ARU, Wadi Sarin, BVAR, etc.

ISCJB 25 15:04:30.4±0.4, 34.05N-47.49E, h14km, 3km, ML 4.0, Error ellipse: s-maj=5.2km s-min=2.0km az=90.0, South Island

ISC 25 15:04:35.6±0.7, 34.39N±0.04, 47.85E±0.03, h10km, n76, e±201/61, mb3.4/9, 17C-11D, Western Iran

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like BARC, Barichara, BARC, etc.

25d 20h

Table with columns: ELK, comp, Z, 2, 0, nm, 0, 6s, YMR, 78.19, 44, eP, P, 19 24 25.3 +1.8, etc.

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Table with columns: CLL, comp, Z, 400, nm, 19, 0, 5s, CLL, 82.96, 330, eP, P, 19 24 48.7 +0.1, etc.

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Table with columns: MJAR, bsz, 270, slow, 20, Matsuhiro Arr, 10.28, 336, Pn, Pn, 19 34 25.8 -1.1, etc.

Table with columns for call sign, frequency, mode, and other details. Includes stations like KSH, WSAR, SONM, etc.

Table with columns for call sign, frequency, mode, and other details. Includes stations like BRVK, YSS, CHKZ, etc.

Table with columns for call sign, frequency, mode, and other details. Includes stations like FINES, STHS, KECS, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like J37A Redenius Farm, K35A Storm Lake, O29A 4D Ranch, etc.

Table with columns: WRA, Warramunga Arr, 44.33 259 P, P, 22 27 08.5 +0.3. Includes stations like WRA, ASAR, ILAR, etc.

DHMR 25:22:29.48.0.2.2.11.83N.44.29'E, h9km±11km, ML4.3
ISCJB 25:22:29.50.0.0.5.1.173N.0.04:44.37E:0.04, h10km,
mb3.9/14, MS3.4/5, Error ellipse: s-maj=6.4km

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

GUC 25:22:36.34.1.0.6.22.87S.70.62'W, h35km±2km, ML3.6, 2C-3D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like PB10, PB11, PB12, etc.

ISCJB 25:23:08.21.0.9.5.62S.07:147.8E:0.1, h150km,
mb4.2/9, Error ellipse: s-maj=20.6km s-min=10.5km
az=1.9

Table with columns: WRAB, Tennant Creek, 19.28 222 eP, P, 23 12 35.8 -0.4. Includes stations like WRAB, ASAR, FITZ, etc.

ISC 25:23:22.01.4.1.6.20.78S:168.54E, h0km, mb4.0/7,
mb1.4/2.8, mb1mx4.0/36, mbtmp4.0/8, ML3.5/1, MS3.3/4,
Ms1.3.3/4, ms1mx2.9/26, Error ellipse: s-maj=77.6km

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

ISCJB 25:23:48.8.0.3.57:31N:0.06:157.89W:0.08,
h192km±8km, mb3.8/4, Error ellipse: s-maj=11.5km
s-min=3.3km az=142.9

ISC 25:23:48.9.2.6.57:71N:158.16W, h119km, 35km, mb3.6/4,
mb1.3/7.8, mb1mx3.2/58, mbtmp3.9/8, MS3.2/1, Ms1.3/2.1,
ms1mx2.6/43, Error ellipse: s-maj=32.8km s-min=24.5km
az=164.0

NEIC 25:23:51.5.57:27N:157.82W, h151km, MG3.5(AEIC),
After AEIC.

ISC 25:23:49.5.0.8.57:35N:07:157.93W:0.06,
h154km±8km, n72, e190/30, mb3.9/4, Alaska Peninsula

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

ISCJB 25:22:29.45.1.1.4.17.1S:0.6:179.0W:0.4, h530km, mb3.6/6,
Error ellipse: s-maj=88.1km s-min=18.2km az=149.4

ISC 25:22:29.47.6.6.0.17.43S:178.80W, h562km±67km, mb3.1/6,
mb1.3.5/6, mb1mx3.1/45, mbtmp4.1/6, Error ellipse:
s-maj=79.0km s-min=25.6km az=152.0

ISC 25:22:29.45.6.1.4.17.2S:0.6:178.9W:0.4, h539km, n9,
e080/11, mb3.5/6, Fiji Islands

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

NEIC 25:23:08.22.5.1.5.54S:147.80E, h146km±14km, mb4.2/6,
Error ellipse: s-maj=14.5km s-min=12.1km az=121.0

ISC 25:23:08.24.5.6.5.91S:147.92E, h158km±52km, mb3.9/2,
mb1.4.1/4, mb1mx3.3/37, mbtmp4.4/4, Error ellipse:
s-maj=85.7km s-min=46.3km az=127.0

ISC 25:23:08.22.0.9.5.69S:108.147E:0.2, h150km, n14,
e083/16, mb4.2/9, Eastern New Guinea region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include VLZ, KLU, RND, BMRM, DHY, KHT, VRI, PAX, BARK, ISLE, KIAG, BAGI, RKAV, BARN, ILAR, ILAR, TABL, BC3A, DAWY, DLBC, INK, YKA, SEY, PETK, YBH, SONM.

IDC 25:37:34.6:6.6:35.86N:71.42E, h170km, 53km, mb3.2/1, mb1 3.1/5, mb1mx2.7/48, mbtmp3.7/5, Error ellipse: s-maj=79.6km s-min=25.5km az=160.0, Pakistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include AAK, GEYT, MKAR, AKTO, TORD.

IDC 26:00:11:11.8:0.7, 21.80S:170.21E, h0km, mb4.4/14, mb1 4.5/17, mb1mx4.4/35, mbtmp4.5/17, ML4.0/2, MS4.4/25, Ms1 4.4/25, ms1mx4.3/29, Error ellipse: s-maj=21.0km s-min=17.5km az=128.0

ISCJB 26:00:11:13.8:0.4, 21.82S:170.18E:0.06:170.18E:0.06:h25km, mb4.6/44, MS4.3/21, Error ellipse: s-maj=9.2km s-min=6.9km az=153.7

NEIC 26:00:11:13.2:0.3, 21.81S:170.25E, h10km, mb4.6/24, Error ellipse: s-maj=7.4km s-min=5.9km az=139.0

GCMT 26:00:11:13.1:0.2, 21.80S:170.14E, h14km, 1km, MW5.0/97, Moment Tensor Solution: s53 c74; s97 c155; Duration: 0 Moment tensor: Scale 1016N; Mr=1.67E-12; Mw=1.26E+12; Mww=0.41E+10; Mw=0.04E+23; Mw=6.45E+10; Mw=0.23E+23; Best double couple: M3.6790001016 NP1.98183.000000, s87.000000, -1.76.000000. NP2: e9.93.000000, s86.000000, -1.3.000000. Principal axes: T 5.5080, Plg1.0000, Azm3.18.0000; N -1.6540, Plg85.0000; Azm217.0000; P -3.8500, Plg5.0000; Azm48.0000; nstai1 refers to body waves, cutoff=40s. nstai2 refers to surface waves, cutoff=50s.

ISC 26:00:11:15.6:0.5, 21.82S:170.19E:0.08:h25km, n106, -0.98/91, mb4.5/44, MS4.4/21, 17C-9D, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include DZM, RAO, HNR, FUNA, URZ, EIDS, AFI, RPZ, CTA, CAN, PMG, STKA, STKA, RAR, BBOO, ASAR, ASAR, WRAB, WRA, WRA, PPT2, PPT2, BPT, BPT, BATI, NWAO, NWAO, RKT, VDA, CASY.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include KKM, LEM, KSM, MJAR, MAJO, QSPA, COCO, KSRS, KSRS, KSAR, YSS, KULL, USRK, USRK, PETK, SKNT, KRAB, MDJ, MAW, NONG, PBKT, ENH, SRDT, KHLT, BJT, LAMP, CMAR, CMAR, CHTO, CHTO, CMB, PMR, ULN, YAK, BILL, SONM, SONM, NVAR, MCK, ILAR, ILAR, HWUT, PLCA, ANMO, TXAR, MKAR, ARU, FINES, ARR, DRGT, LOR, KECS, GZR, SIRR, PSZ, KRKC, DPC, VYHS, UPC, BZS, MDRV, VRAC, VRAC, VTS, PVCC, BRG, BRG, BRG, CLL, CLL, PRU, EKA, PKSM, NKC, NKC, CONR, KHC, KHC, GERE, MOA, SOKA, BLY, ABTA, MOTA, FETA, DAVOX, ESCD, TUE, ESCD, TORD, TORD, TORD.

ISCJB 26:00:14:21.6:1.2, 48.45S:0.2:31.6E:0.3, h12km, mb4.2/10, MS3.4/4, Error ellipse: s-maj=35.1km s-min=16.5km az=42.1

IDC 26:00:14:21.5:1.0, 48.47S:32.09E, h0km, mb4.0/5, mb1 3.9/6, mb1mx3.7/30, mbtmp3.9/6, ML2.8/1, MS3.3/5,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include SUR, SUR, SUR, SUR, SUR, MATP, TSUM, ABPO, LSZ, KMBO, DGAR, DBIC, TORD, TORD, ASAR, WRA, TKM2, 121A, ULM, BILL, PDAR, YKA, YKA.

ISCJB 26:00:16:54.7:0.4, 30.55N:0.03:141.23E:0.10, h10km, mb4.1/17, MS4.3/2, Error ellipse: s-maj=12.2km s-min=4.3km az=171.2

JMA 26:00:16:54.3:0.2, 30.56N:142.29E, h49km, MA.1 IDC 26:00:16:55.4:2.4, 30.44N:141.18E, h0km, mb3.8/3, mb1 3.8/5, mb1mx3.5/42, mbtmp3.3/7, ML3.6/1, MS4.0/3, Ms1 3.9/3, ms1mx3.1/39, Error ellipse: s-maj=154.7km s-min=22.8km az=78.0

NEIC 26:00:16:56.9:0.3, 30.42N:141.19E, h10km, mb4.3/15, Error ellipse: s-maj=8.1km s-min=5.2km az=83.0

ISC 26:00:16:56.5:0.6, 30.47N:140.04:132E:0.11, h10km, n35, -1.97/36, mb4.2/17, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CBJ, CBJ, CBJ, JCJ, JCJ, BSO1, BSO1, BSO4, BSO4, JHU, JHU, JRY, JRY, JAG, JAG, JHO, JHO, MJAR, MAJO, JFK, GUMO, GUMO, NACB, KKM, KSM, LSA, KURK, WRA, MCK, ASAR, COLA, BRVK, PALK, ARU, ABKAR, FINES, NEW, KIV, HFS, ISA, RSSD, ULM.

CASC 26:00:32:35.6:1.8, 9.20N:82.76W, h11km, 6km, MD3.7, 2C-1D, Panama-Costa Rica border region

ISCJB 26:00:36:20.7:0.6, 8.16S:0.06:119.65E:0.05, h200km, mb3.8/2, Error ellipse: s-maj=9.3km s-min=6.5km az=33.7

26D 2h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like TAM, ASCN, TOAO, TORO.

Table for PRU 26:02:28:11.8,49:99N:18.47E, h0km, Czech and Slovak Republics. Columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual.

Table for MEX 26:02:34:19.2:0.4, 18:21N x 101.57W, h43km, 13km, MD3.5, Guerrero. Columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual.

Station lists for IDC 26:02:35:30.9:0.9, 36:84N:3:53E, h0km, mb3.7/8, mb1.3/8/11, mb1mx3.6/43, mbtmp3.7/11, ML4.3/2, Error ellipse: s-maj=23.3km s-min=16.2km az=162.0.

Main station list for Algeria. Columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like ABA, ADJB, AKET, etc.

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Main station list for Morocco. Columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like EMUR, ETOB, ENIJ, EMOS, ERTA, etc.

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Main station list for Mauritania. Columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like ETSF, ETSF, ETSF, etc.

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

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

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

ISCJB 26 02:42:49.5, 0.6, 38.28N, 0.03:33.49E, 0.03, h7km, 5km, Error ellipse: s-maj=5.1km s-min=4.4km az=5.0

DDA 26 03:03:30.6, 36.08N, 27.56E, h26km, MD2.7, Error ellipse: s-maj=9.7km s-min=4.3km az=29.0

IDC 26 03:37:10.4, 3.9, 49.44S, 126.40E, h0km, mb3.6/2, mb1.3/8.9, mb1mx3.7/26, mbtmp3.9/3, ML2.3/1, Error ellipse: s-maj=69.9km s-min=64.1km az=39.0, Western Indian-Antarctic Ridge

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

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like H01W1, H01W2, H01W3, etc.

IDC 26 02:48:12.3, 3.7, 47.45S, 152.17E, h0km, mb3.4/2, mb1.3/8.2, mb1mx3.3/35, mbtmp3.5/2, Error ellipse: s-maj=157.0km s-min=48.4km az=119.0, New Britain region

IDC 26 03:11:27.0, 36.8, 62.16N, 42.71E, h0km, Error ellipse: s-maj=167.4km s-min=113.2km az=8.0, Baltic States-Belarus-Northwestern Russia

IDC 26 03:38:52.4, 1.9, 2.05N, 124.76E, h0km, mb3.6/4, mb1.3/8.4, mb1mx3.4/43, mbtmp3.6/4, Error ellipse: s-maj=261.7km s-min=21.5km az=64.0, Celebes Sea

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like I43RU, I43RU, I43RU, I43RU, etc.

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

MEX 26 02:58:54.7, 0.6, 16.57N, 94.27W, h110km, 8km, MD3.8, Oaxaca

IDC 26 03:23:03.9, 40.6, 60.54N, 61.33E, h0km, Error ellipse: s-maj=183.3km s-min=146.2km az=32.0, Baltic States-Belarus-Northwestern Russia

NEIC 26 03:46:05.3, 17.89N, 95.23W, h144km, MD4.0(MEX), After MEX. MEX 26 03:46:05.3, 0.3, 17.89N, 95.23W, h144km, 63km, MD4.0, Oaxaca

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like I46RU, I46RU, I46RU, I46RU, etc.

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

WEL 26 03:00:30.6, 0.4, 39.39S, 174.68E, h199km, 3km, ML3.6/11, 1C-2D, Error ellipse: s-maj=4.0km s-min=2.6km az=90.0, North Island

ISCJB 26 03:23:50.5, 0.3, 6.83N, 0.04:73.06W, 0.04, h161km, 4km, mb3.6/6, Error ellipse: s-maj=7.9km s-min=4.1km az=37.2

CSEM 26 03:57:24.3, 0.2, 38.85N, 40.20E, h2km, MD2.7, Error ellipse: s-maj=5.9km s-min=4.5km az=59.0

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Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like EZZC Erzincan, BTMT Batman, REFA Refahiye_ERZ, etc.

SOF 26 04:24:20.9, 41.146N, 21.05E, h2km, MD2.9
SKO 26 04:24:22.0, 41.141N, 21.01E, h8km, M2.6, ML3.2
CSEM 26 04:24:21.8, 0.1, 41.38N, 21.07E, h2km, ML3.0, Error

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like BUM Sagiada, SGD Sagiada, SGT Sagiada, etc.

NEIC 26 04:09:45.6, 36.98S, 177.34E, h269km, MG4.3 (WVEL), After WEL

WEL 26 04:09:37.8, 0.9, 36.11S, 177.97E, h240km, 5km, ML4.4/9, 4C-8D, Error ellipse: s-maj=9.1km s-min=7.4km az=0.0, Off east coast of North Island

Large table listing station names and their coordinates. Includes stations like MXZ Matakaoa Point, WHGZ Waiomatatini S, RAGZ Rawiri, etc.

Table listing station names and their coordinates. Includes stations like OHR Ohrid, SKO Skopje, FNA Florina, etc.

Table listing station names and their coordinates. Includes stations like IGT Igoumenitsa, THL Klokotos Trika, VTS Vitoshka, etc.

IDC 26 04:16:31.3, 4.5, 2.69S, 99.82E, h0km, mb3.2/3, mb1 3.3/3, mb1mx3.2/39, mbtmp3.2/3, Error ellipse: s-maj=196.8km s-min=30.7km az=57.0, Southern Sumatara

Table listing station names and their coordinates. Includes stations like H0S2 Diego Garcia H, H0S3 Diego Garcia H, ASAR Alice Springs, etc.

IDC 26 04:25:46.2, 4.2, 22.11N, 143.69E, h0km, mb3.3/3, mb1 3.5/4, mb1mx3.3/51, mbtmp3.5/4, Error ellipse: s-maj=177.3km s-min=24.8km az=79.0, Volcano Islands region

Table listing station names and their coordinates. Includes stations like JCJ Chichijima, WARR Warrungarra Arr, ASAR Alice Springs, etc.

MEX 26 04:27:55.9, 0.4, 14.35N, 92.86W, h16km, 156km, MD3.8, Near coast of Chiapas

Table listing station names and their coordinates. Includes stations like PCIG Comitán, CGIC Comitán, TGIG Comitán, etc.

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

IDC 26 04:54:08.2.2.6, 5:86S, 146:83E, h43km, 26km, mb3.6/7, mb1.3/0.10, mb1mx3.7/29, mbtmp3.8/10, ML3.6/2, MS3.4/4, Ms1.3/4.4, ms1mx3.0/29, Error ellipse: s-maj=31.3km s-min=13.2km az=106.0

ISCJB 26 04:54:09.6.0.8, 5:98S, 0:06, 146:9E, 0.1, h78km, mb3.5/7, Error ellipse: s-maj=17.6km s-min=8.3km az=2.3

ISC 26 04:54:11.6.0.8, 6:01S, 0:07, 146:8E, 0.2, h78km, n12, az=28/16, mb3.6/7, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Port Moresby, Alice Springs, Korea Array, etc.

IDC 26 05:06:08.4.0.7, 8:43S, 114:72E, h0km, mb3.9/7, mb1.4/0.7, mb1mx3.8/25, mbtmp4.0/7, Error ellipse: s-maj=46.2km s-min=17.8km az=55.0

ISCJB 26 05:06:28.8.0.3, 8:49S, 0:08, 115:17E, 0:03, h178km, 3km, mb4.0/10, Error ellipse: s-maj=13.0km s-min=4.1km az=12.4

NEIC 26 05:06:29.4.0.5, 8:43S, 115:15E, h172km, 6km, mb4.6/6, Error ellipse: s-maj=13.2km s-min=6.3km az=194.0

DJA 26 05:06:30.1.0.3, 9:57, 7:11, 5E, h164km, 3km, M4.4/21, mb4.8/4, mB5.0/4, MLv4.2/21, Mw(mB)4.4/4

ISC 26 05:06:29.3.0.6, 8:80S, 0:09, 115:16E, 0:05, h171km, 5km, n47, r1508/61, mb4.0/10, Bali region

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

Table with columns: CPUP, BDFB, Station Name, Az, Phase ID, Time, Res. Includes stations like Villa Florida, Brasilia.

JMA 26 05:09:31.8.0.1, 23:16N, 121:56E, h5km, 3km

ISCJB 26 05:09:33.3.0.3, 23:14N, 0:02, 121:51E, 0:02, h21km, 4km, Error ellipse: s-maj=3.5km s-min=3.1km az=8.7

TAP 26 05:09:33.9, 23:19N, 121:37E, h19km, ML3.2, C

ISC 26 05:09:32.9, 0.1, 23:18N, 0:02, 121:47E, 0:03, h15km, 6km, n45, r0983/81, 6C-20, Taiwan

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

ISC 26 05:09:32.9, 0.1, 23:18N, 0:02, 121:47E, 0:03, h15km, 6km, n45, r0983/81, 6C-20, Taiwan

ISC 26 05:09:32.9, 0.1, 23:18N, 0:02, 121:47E, 0:03, h15km, 6km, n45, r0983/81, 6C-20, Taiwan

ISC 26 05:09:32.9, 0.1, 23:18N, 0:02, 121:47E, 0:03, h15km, 6km, n45, r0983/81, 6C-20, Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Sun Moon Lake, Zalesovo, etc.

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

IDC 26 05:22:16.0.1, 9, 39:16N, 72:42E, h0km, mb3.8/6, mb1.3/8.12, mb1mx3.6/55, mbtmp3.7/12, ML3.2/7, MS4.1/1, Ms1.4/1.1, ms1mx2.6/51, Error ellipse: s-maj=33.3km s-min=13.5km az=144.0

KRNTE 26 05:22:20.1, 0.1, 39:46N, 71:90E, mb3.1

NNC 26 05:22:22.1, 1.5, 39:51N, 71:95E, h0km, mb3.9, mpv3.5, Error ellipse: s-maj=15.7km s-min=9.4km az=139.0

ISC 26 05:22:23.0, 1.0, 39:53N, 0:07, 72:08E, 0:05, h33km, n25, az=206/30, mb3.9/6, 14C-10D, Kyrgyzstan

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

NNC 26 05:27:36.7, 5.2, 36:78N, 71:03E, h0km, mb3.6, mpv3.2, 5C-10, Error ellipse: s-maj=42.7km s-min=23.5km az=176.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DZET, KK31, etc.

IDC 26 05:33:11.3.6.2, 31:57S, 179:54W, h0km, mb3.5/2, mb1.3/2.0, mb1mx3.6/17, mbtmp3.5/2, Error ellipse: s-maj=248.0km s-min=61.9km az=158.0, KermaDEC Islands region

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

IDC 26 05:33:28.9.0.9, 30:97N, 70:18E, h0km, mb3.7/15, mb1.3/9.16, mb1mx3.7/47, mbtmp3.8/16, ML3.3/2, MS3.7/1, Ms1.3/7.1, ms1mx2.6/51, Error ellipse: s-maj=21.1km s-min=18.3km az=45.0

ISCJB 26 05:33:29.1.0.4, 31:04N, 0:05, 70:46E, 0:05, h16km, mb3.7/14, MS3.7/1, Error ellipse: s-maj=7.7km s-min=4.4km az=35.1

NDI 26 05:33:31.2.2.2, 31:06N, 70:24E, h10km, ML3.5

ISC 26 05:33:31.1.0.6, 31:04N, 0:06, 70:40E, 0:06, h16km, n34, r125/36, mb3.7/14, Pakistan

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KOLD, AAK, AAK, GKN, DMN, KKN, PKIN, GUN, JIRN, RAMN, TAPN, MKAR, KURBB, AKTO, BVAR, ZALV, BRTR, AKASG, FINES, GERES, ARCES, VAE, NOA, SPITS, ESDC, TORO, WRA, ASAR.

IDC 26 05:36:59.8, 14.0, 13.04N-89.30W, h0km, mb3.7/3, mb1 4.4/3, mb1mx3.6/28, mbtmp3.8/3, Error ellipse: s-maj=279.8km s-min=54.6km az=179.0, El Salvador

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TXAR, NVAR, SCHO.

SJA 26 05:37:15.4, 0.4, 31.32S-68.46W, h103km, 1km, ML3.0, MW3.5, San Juan Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RTLL, AMOG, RTVC, RTLS, AVFE, AUSP, ASAL, ACAN, ACHE, ARCO, AAGU, AGUA, ACLC.

ISCJB 26 05:49:38.0, 0.5, 52.15N-0.06E-31.36W, 0.06, h14km, mb4.2/43, MS3.6/24, Error ellipse: s-maj=8.9km s-min=5.2km az=15.5

IDC 26 05:49:38.1, 0.5, 52.15N-31.34W, h0km, mb4.1/28, mb1 4.2/30, mb1mx4.1/51, mbtmp4.1/30, ML4.1/2, MS3.7/25, Ms1 3.7/25, ms1mx3.5/50, Error ellipse: s-maj=15.8km s-min=10.0km az=4.0

NEIC 26 05:49:39.6, 0.3, 52.15N-31.37W, h10km, mb4.6/10, Error ellipse: s-maj=7.9km s-min=4.7km az=187.0

CSEM 26 05:49:39.5, 0.2, 52.22N-31.35W, h10km, mb4.6/10, Error ellipse: s-maj=8.0km s-min=5.3km az=17.0

ISC 26 05:49:40.4, 0.5, 52.19N-0.08E-31.33W, 0.06, h14km, n97, r1516/90, mb4.2/43, MS3.7/24, 2C-6D, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BORG, ESK, ESK, ESK, SFJD, PCAB, POLO, PBGR, MVO, PCBR, PMTG, SUMT, PMRV, PMRV, SCHG, PESTR, JMIC, SNF, PAB, FRB, FRB, FRB.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ESDC, BCLA, MEM, NOA, DAG, BFO, HFS, DAVOV, CLL, CLL, MDT, BRG, GERES, GERES, UPC, UPC, DPC, DPC, KRILKY, VRAC, SPITS, SPITS, ARCES, FINES, FINES, STHS, KEST, BZS, BZS, DRGR, DRGR, ARCH, ARCALIA, BURAR, BURAR, KIEV, KIEV, KIEV, KIEV, AKASG, ULM, TKL, H05N1, YKA, YKA, YKA, BRTR, BRTR, KSUI, KSUI, INK, TORO, TORO, TORO, KBZ, ARU, ARU, WALA, WALA, DBIC, NRIK, PDAR, PDAR, MSTD, MSTD, HWUT, HWUT, ILAR, ILAR, ABKAR, ABKAR, BVAR, TXAR, ROSC, ROSC, NVAR, NVAR, ZALV, LPIG, MKAR, MKAR, SONM, SONM, ASAJ, ASAJ, CMAR, CMAR, WRA, WRA, ASAR, ASAR.

ISCJB 26 05:50:51.5, 0.9, 32.47N-107.115, 54W, 0.04, h14km, Error ellipse: s-maj=10.3km s-min=5.0km az=11.7, RCZ 26 05:50:52.0, 0.5, 32.44N-115.53W, h3km, MD2.2, ML2.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CERRO PRIETO, CERRO BOLA, CERRO BOLA, TIJUANA, BARRETT, ZAX, ECN, SPGN, SPIG.

IDC 26 05:54:19.5, 26.0, 18.00S-174.88W, h0km, mb4.3/4, mb1 4.4/4, mb1mx3.8/28, mbtmp3.4/4, MS3.5/1, ms1mx2.7/34, Error ellipse: s-maj=475.5km s-min=151.0km az=73.0, Tonga Islands

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

GUC 26 06:11:41.0, 3.2, 32.27S-71.71W, h12km, 5km, ML3.6, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ROCH, ROCH, PEL, PEL, RCDM, RCDM, CLCH, CLCH, TACH, CHCH.

IDC 26 06:14:41.4, 1.2, 27.14N-143.47E, h0km, mb3.8/7, mb1 3.9/10, mb1mx3.7/50, mbtmp3.8/7, Error ellipse: s-maj=26.6km s-min=18.5km az=73.0

NEIC 26 06:14:42.5, 0.8, 27.18N-143.58E, h10km, mb4.7/3, Error ellipse: s-maj=20.3km s-min=8.6km az=77.0

ISCJB 26 06:14:43.8, 0.7, 27.30N-0.06, 143.56E, 0.07, h33km, mb4.0/10, Error ellipse: s-maj=10.1km s-min=6.1km az=44.6

JMA 26 06:14:44.9, 0.1, 27.37N-143.44E, h53km, M4.4, ISC 26 06:14:46.1, 1.2, 27.27N-0.1, 143.5E, 0.1, h35km, n23, r079/26, mb4.1/10, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CBIJ, CBIJ, CBIJ, JCJ, JCJ, JHHJ, JHHJ, JOD2, JOD2, JRY, JRY, MJAR, MAJO, MAJO, MAT, MAT, KSRS, KSRS, KSAR, USRK, USRK, SONM, WRAB, WRA, MKAR, ASAR, KURK, BVAR, ABKAR, FINES.

IDC 26 06:22:08.3, 2.1, 5.24S-153.81E, h0km, mb3.8/7, mb1 3.9/7, mb1mx3.7/44, mbtmp3.8/7, Error ellipse: s-maj=74.8km s-min=25.9km az=109.0, New Ireland region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PWR, WRA, ASAR, ASAR, H1S1, H1S1, FITZ, SONM, MKAR, ZALV, BVAR, TOAD.

GUC 26 06:28:23.0, 3.2, 32.27S-71.70W, h11km, 6km, ML3.5,

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JAG Ashikaga, MJAR Matsushiro Arr, MAT Matsushiro, etc.

1.1nm,0.6s,baz=342,slow=9.2,SNR=2.4
SONM Songoing Array 58.75 342 P
MKAR Makanchi Array 68.48 327 P
KURBB Kurchatov Arra 72.77 329 P

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JHO Hitachi, JONAJ Iwakimizuishiy, JYT Yasato, etc.

CASC 26 06:59:58.81.5, 12.43N, 87.85W, h49km, 37km, MD3.6, ML3.0, 1D, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CRIN San Cristobal, CNCH Conchagua, YSM San Miguel, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JAY Jayapura, PMG Port Moresby, WRB Tennant Creek, etc.

1.1nm,0.6s,baz=342,slow=9.2,SNR=2.4
SONM Songoing Array 58.75 342 P
MKAR Makanchi Array 68.48 327 P

1.1nm,0.6s,baz=342,slow=9.2,SNR=2.4
SONM Songoing Array 58.75 342 P
MKAR Makanchi Array 68.48 327 P

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KDAK Kodiak Island, ILAR Eielson Array, STKA Stephens Creek, etc.

NIED 26 07:34:00.37, 20N, 141.50E, h38km, Mw3.9 Best double
couple: M=0.86000;1014 NP1=191.00000; 18.00000;
lambda 0.00000; NP2=21.00000; delta 200.00000;
ISCJB 26 07:34:47.8, 0.7, 37.12N, 103.141E, 0.06, h45km, 6km,
mb4.0/19, MS2.8/1, Error ellipse: s-maj=8.6km
s-min=4.8km az=9.5

1.1nm,0.6s,baz=342,slow=9.2,SNR=2.4
SONM Songoing Array 58.75 342 P
MKAR Makanchi Array 68.48 327 P

1.1nm,0.6s,baz=342,slow=9.2,SNR=2.4
SONM Songoing Array 58.75 342 P
MKAR Makanchi Array 68.48 327 P

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JFK Kawakuchi, JONAJ Iwakimizuishiy, JMM Marumori, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like JYS Shirataka, MJAR Matsushiro Arr, MAJO Matsushiro, etc.

1.1nm,0.6s,baz=342,slow=9.2,SNR=2.4
SONM Songoing Array 58.75 342 P
MKAR Makanchi Array 68.48 327 P

1.1nm,0.6s,baz=342,slow=9.2,SNR=2.4
SONM Songoing Array 58.75 342 P
MKAR Makanchi Array 68.48 327 P

1.1nm,0.6s,baz=342,slow=9.2,SNR=2.4
SONM Songoing Array 58.75 342 P
MKAR Makanchi Array 68.48 327 P

1.1nm,0.6s,baz=342,slow=9.2,SNR=2.4
SONM Songoing Array 58.75 342 P
MKAR Makanchi Array 68.48 327 P

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

26d 11h

Table with columns: JKRS, Kuro-shima, 3.09 77 P, Pn, 10 24 07.2 +0.5

Table with columns: IDC 26 10:34:43.9 0.9, 32.83N-84.85E, h0km, mb3.5/11

Table with columns: ISJC/B 26 10:34:47.8 0.4, 33.03N-0.05-85.0E:0.1, h33km

Table with columns: ISC 26 10:34:49.8-0.7, 33.02N-0.07-84.95E:0.09, h35km, n26

Main station list for 26d 11h, including GUN Gumba, PYUN Piuthan, KOLN Koldandia, PKIN Phulchoki, etc.

SJA 26 10:48:40.9-0.4, 30.73S-67.79W, h72km, 11km, MD2.5, San Juan Province

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

IDC 26 10:48:54.4-1.1, 33.29N-45.92E, h0km, mb3.7/10, mb1 3.9/17, mb1mx3.7/46, mbtmp3.8/17, ML3.8/7, MS3.0/2

ISJC/B 26 10:48:55.0-0.3, 33.40N-0.03-45.71E:0.03, h13km, mb3.6/10, MS3.2/1, Error ellipse: s-maj=4.6km

ISN 26 10:48:55.4-2.3, 33.35N-45.60E, h14km, 6km, ML3.9

TEH 26 10:48:57.3, 33.37N-45.78E, h4km, ML3.9

CSEM 26 10:48:57.8-0.2, 33.35N-45.71E, h20km, ML3.9, Error ellipse: s-maj=4.6km s-min=3.9km az=150.0

ISC 26 10:48:58.8-0.6, 33.38N-0.04-45.72E:0.04, h13km, n63, c091/57, mb3.7/10, 18C-5D, Iran-Iraq border region

Main station list for SJA 26 10:48:40.9, including ACHE Chepes, APILL PUNTA DE LOS L, AGUA GUANDACOL, etc.

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Main station list for 2011 FEB, including NSR SNR=3.0, KHMZ Khomeyn, ASAO Ashthan, ASAO Ashtian, etc.

1298

Table with columns: PATCX Punta Patache, 2.31 154 eP, Pn, 10 50 09.5 +0.3

NEIC 26 10:51:03.6, 64.53S-172.43E, h12km, ML3.8(WEL), After WEL

NEIC Felt at Christchurch, WEL 26 10:51:03.7-0.1, 43.57S-172.43E, h11km, ML3.8/17, 8C-4D, Error ellipse: s-maj=0.6km s-min=0.6km az=90.0, South Island

Main station list for 1298, including CANterbury Las, McQueen's Vall, McQueen's Vall, Oxford, Lake Taylor, etc.

IDC 26 11:00:26.7-8.9, 24.30S-179.59E, h576km, 80km, mb3.2/6,

26d 14h

Table with columns for station code, name, frequency, and various signal quality metrics (P, S, Sn, Pn, etc.). Includes stations like JNBK, MJAR, MAJO, etc.

2011 FEB

Table with columns for station code, name, frequency, and various signal quality metrics. Includes stations like TYV, TJN, INCL, etc.

1302

Table with columns for station code, name, frequency, and various signal quality metrics. Includes stations like HHC, GUMO, QZH, etc.

26d 15h

Table with columns: ID, Name, Frequency, Power, and other parameters. Includes stations like NC405 NORARS Array S, ARQ Araqi, NC204 NORARS Array S, etc.

2011 FEB

Table with columns: BRG, Name, Frequency, Power, and other parameters. Includes stations like BRG Berggiesshubel, BRG comp-Z,17nm,1.2s, BRG comp-Z,19nm,1.1s, etc.

1304

Table with columns: NEIC, Code, Station Name, Frequency, Power, and other parameters. Includes NEIC 26 14:57:57.0, NEIC 26 14:57:57.8, NEIC 26 14:57:59.6, etc.

26d 15h

Table with columns for flight codes (HABR, TYV, SNY, etc.), destinations (N, E, Z, etc.), and performance metrics (Pmax, Pn, etc.).

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Table with columns for flight codes (HHC, HHC, HHC, etc.), destinations (N, E, Z, etc.), and performance metrics (Pmax, Pn, etc.).

1306

Table with columns for flight codes (CD2, CD2, CD2, etc.), destinations (Z, 100nm, etc.), and performance metrics (Pmax, Pn, etc.).

1307

ZALV	comp=Z,7.9nm,0.6s,baz=114,slow=2.4,SNR=3.9	LR	LR	16 04 47.8
SRAK	comp=Z,928nm,18.0s,baz=70,slow=37	P	P	15 46 31.4 -2.9
APSI	comp=Z,130nm,0.8s,comp=Z,1um	42.36 217	P	15 46 35.2 0.0
LSA	comp=Z,109nm,0.8s,comp=Z,994nm	42.48 275	eP	15 46 37.8 +1.2
LSA	comp=Z,110nm,1.0s	42.48 275	eP	15 46 37.8 +1.2
NAYO	comp=Z,110nm,1.0s	42.58 248	P	15 46 38.2 +1.2
AAI	comp=Z,19nm,1.2s	42.71 200	P	15 46 39.3 +1.3
NVS	comp=Z,98nm,0.9s	42.86 313	iP	15 46 39.2 +0.4
NVS	comp=N,19nm,0.6s		eS	15 52 56.8 -4.6
NVS	comp=N,19nm,0.6s		pmax	
NVS	comp=N,19nm,0.6s		pmax	
NVS	comp=N,30nm,2.5s		smax	
NVS	comp=N,30nm,2.5s		smax	
PCI	comp=E,60nm,2.5s	43.12 213	P	15 46 41.6 +0.2
NRIK	comp=E,80nm,1.2s,comp=E,758nm,comp=E,18um	43.13 335	P	15 46 40.5 -0.4
NRIK	comp=E,23nm,0.7s,baz=108,slow=9,SNR=30		LR	16 05 46.1
SHL	comp=E,1um,18.1s,baz=107,slow=38	43.70 269	iP	15 46 46.5 +0.3
SHL	comp=Z,1um,18.1s,baz=107,slow=38	44.07 225	eS	15 53 24.5 +1.0
SBUM	comp=Z,1um,18.1s,baz=107,slow=38	44.07 225	iP	15 46 50.1 +1.1
SBUM	comp=E,24nm,1.4s	44.07 225	P	15 46 49.5 +0.5
SBUM	comp=E,33nm,1.2s	44.07 225	eP	15 46 49.2 +0.1
MK01	Makanchi Array	44.21 302	eP	15 46 50.2 +0.3
MK31	Makanchi Array	44.22 302	eP	15 46 50.3 +0.3
MK31	Makanchi Array	44.22 302	eP	15 46 50.3 +0.3
MKAR	Makanchi Array	44.22 302	eP	15 46 50.2 +0.2
MKAR	comp=Z,110nm,0.7s,baz=88,slow=9.5,SNR=92		LR	16 05 49.3
MAKZ	comp=E,344nm,19.2s,baz=78,slow=37	44.43 302	eP	15 46 51.8 +0.2
MAKZ	comp=E,107nm,0.8s	44.43 302	eP	15 46 51.8 +0.2
MAKZ	comp=Z,107nm,0.8s	44.43 302	eP	15 46 51.8 +0.2
PHET	comp=Z,107nm,0.8s	44.74 248	P	15 46 55.4 +1.0
MTKI	comp=Z,29nm,0.7s,comp=Z,225nm	45.48 219	P	15 47 01.2 +0.9
MTKI	Muara Teweih, K	45.48 219	P	15 47 01.2 +0.9
SPSI	Sidrap Palu	45.90 211	P	15 47 03.6 +0.1
KSM	comp=Z,40nm,1.2s,comp=Z,545nm	45.96 227	iP	15 47 05.7 +1.7
KSM	Kuching	45.96 227	iP	15 47 05.7 +1.0
KSM	comp=Z,65nm,1.1s	45.96 227	eP	15 47 03.6 -0.4
KURK	Kuching	45.96 227	eP	15 47 03.6 -0.4
KURK	Kurchatov	45.99 308	eP	15 47 04.6 +0.7
KURK	comp=Z,2um,0.7s	45.99 308	eP	15 47 03.7 -0.2
KURK	Kurchatov	45.99 308	eP	15 47 03.7 -0.2
KURK	comp=Z,260nm,0.8s	45.99 308	eP	15 47 03.7 -0.2
KURK	comp=Z,260nm,0.8s	45.99 308	eP	15 47 03.7 -0.2
KURBB	Kurchatov Arra	46.06 308	P	15 47 04.8 +0.4
TAPN	comp=Z,146nm,0.6s,baz=82,slow=7.8,SNR=1195	46.21 274	eP	15 47 06.8 +0.5
TAPN	Tablejung	46.21 274	eP	15 47 06.8 +0.5
STKI	Sintang	46.45 224	P	15 47 09.0 +1.1
ODAN	Odare	46.69 273	eP	15 47 10.4 +0.4
KDAD	comp=Z,232nm,0.8s	46.69 42	P	15 47 09.3 0.0
KDAD	Kodiak Island	46.69 42	P	15 47 17.0 +7.7
KDAD	comp=Z,15nm,0.8s,baz=277,slow=6.8,SNR=5.5	46.69 42	P	15 47 17.0 +7.7
KDAD	Kodiak Island	46.69 42	P	15 47 17.0 +7.7
KDAD	comp=Z,397nm,0.7s,SNR=5.8	46.69 42	iP	15 47 09.8 +0.5
PMG	Port Moresby	46.75 173	eP	15 47 11.1 +1.0
PMG	Port Moresby	46.75 173	eP	15 47 11.1 +1.0
CAST	Castles Bay	46.83 34	eP	15 47 11.5 +1.1
SPU	comp=Z,21nm,0.8s	46.83 37	eP	15 47 13.9 +3.4
KAPI	Kappang	46.86 211	P	15 47 11.7 +0.7
KBKI	Kotabaru	46.91 216	P	15 47 15.7 +4.3
RAMN	Ramite	47.27 274	eP	15 47 15.0 +0.4
JIRN	Jiri	47.28 275	eP	15 47 15.4 +0.6
GUN	Gumba	47.42 276	eP	15 47 16.1 +0.3
KTGM	Kuala Trengganu	47.49 238	iP	15 47 17.9 +1.8
TRF	Thorafore Moun	47.63 34	eP	15 47 17.4 +0.5
BBKI	Banjar Baru	47.68 218	P	15 47 17.6 +0.1
COLD	Coldfoot	47.76 29	eP	15 47 18.8 +1.3
KKN	Kakani	47.95 276	eP	15 47 20.0 +0.2
RC01	Rabbit Creek A	47.96 37	eP	15 47 19.2 +0.1
DMN	Daman	47.97 276	eP	15 47 21.6 +0.1
PMR	Palmer	48.22 37	P	15 47 18.4 -2.8
PMR	Palmer	48.22 37	P	15 47 18.4 -2.8
PMR	comp=Z,155nm,1.1s	48.22 37	P	15 47 18.4 -2.8
RND	Reindeer	48.28 34	eP	15 47 21.2 -0.5
RND	Reindeer	48.28 34	eP	15 47 21.2 -0.5
RND	comp=Z,19nm,0.9s	48.28 34	eP	15 47 21.2 -0.5
GKN	Gorkha	48.36 276	eP	15 47 23.1 +0.2
WRH	Wood River Hill	48.59 33	eP	15 47 24.7 +0.7
SML	Sawmill	48.59 36	eP	15 47 24.1 0.0
SML	Sawmill	48.59 36	eP	15 47 24.1 0.0
SML	comp=Z,28nm,0.8s	48.59 36	eP	15 47 24.1 0.0
COLA	College	48.68 32	eP	15 47 25.3 +0.7
COLA	College	48.68 32	eP	15 47 25.3 +0.7
COLA	comp=Z,14nm,0.6s	48.68 32	eP	15 47 25.3 +0.7
CCB	Clear Creek Bu	48.71 33	eP	15 47 26.9 +2.1
DHY	Denali Highway	48.96 35	eP	15 47 30.0 +3.0
SCM	Sheep Creek Mo	49.06 36	eP	15 47 28.9 +1.2
SCM	Sheep Creek Mo	49.06 36	eP	15 47 28.9 +1.2
SCM	comp=Z,206nm,2.0s	49.06 36	eP	15 47 28.9 +1.2
IL1	Eielson Array	49.10 32	eP	15 47 27.4 -0.5
ILAR	Eielson Array	49.10 32	eP	15 47 28.1 +0.3
ILB	Eielson Array	49.10 32	eP	15 47 28.1 +0.3
KULM	Kulim	49.21 240	iP	15 47 30.3 +1.0
KULM	Kulim	49.21 240	iP	15 47 30.3 +1.0
KULM	comp=Z,35nm,1.5s	49.21 240	iP	15 47 30.3 +1.0
KOLN	Koldand	49.21 240	eP	15 47 29.9 +0.6
KOLN	comp=Z,110nm,1.7s	49.21 240	eP	15 47 30.4 +0.3
IPM	Iphoh	49.54 239	iP	15 47 32.4 -0.6
IPM	Iphoh	49.54 239	iP	15 47 32.4 -0.6
PYUN	Piuthan	49.62 277	eP	15 47 33.0 +0.1
MYKOM	Kota Tinggi	49.66 234	iP	15 47 34.0 +1.2
FYU	Fort Yukon	49.72 30	eP	15 47 32.6 +0.1
TKM2	Tokmak 2	49.75 298	eP	15 47 34.4 +1.0
TKM2	Tokmak 2	49.75 298	eP	15 47 34.4 +1.0
TKM2	comp=Z,117nm,0.6s	49.75 298	eP	15 47 34.4 +1.0
TKM2	comp=Z,117nm,0.6s	49.75 298	eP	15 47 34.4 +1.0

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KLU	comp=Z,117nm,0.6s	49.76 37	eP	P	15 47 33.2 +0.1
KGM	comp=Z,96nm,1.6s	49.84 234	iP	P	15 47 35.4 +1.3
VOSK	comp=Z,96nm,1.6s	50.04 237	iP	P	15 47 36.1 +0.4
VOSK	Vostochayna	50.31 312	eP	P	15 47 37.2 -0.1
VOSK	Vostochayna	50.31 312	eP	P	15 47 37.2 -0.1
CHKZ	comp=Z,90nm,0.9s	50.33 313	P	pmax	15 47 36.1 -1.3
CHKZ	Chkalovo	50.33 313	P	pmax	15 47 36.1 -1.3
FRU	comp=Z,51nm,0.8s	50.47 298	iP	pmax	15 47 38.0 -0.6
FRU	Bishkek	50.47 298	iP	pmax	15 47 38.0 -0.6
FRU	comp=Z,96nm,1.4s		MLR	MLR	
FRU	comp=E,700nm,21.0s		MLR	MLR	
KSH	comp=Z,51nm,0.8s	50.56 294	iP	P	15 47 43.8 +4.3
KSH	Kashi	50.56 294	iP	P	15 47 43.8 +4.3
KSH	comp=Z,51nm,0.8s	50.56 294	iP	P	15 47 50.8 0.0
KSH	comp=Z,51nm,0.8s	50.56 294	iP	P	15 47 50.8 0.0
KSH	comp=Z,51nm,0.8s	50.56 294	iP	P	15 49 00.5 +3.4
KSH	comp=Z,51nm,0.8s	50.56 294	iP	P	15 49 40.5 +5.3
KSH	comp=Z,51nm,0.8s	50.56 294	iP	P	15 52 57.8 +3.3
KSH	comp=Z,51nm,0.8s	50.56 294	iP	P	15 54 56.3 +4.0
KSH	comp=Z,51nm,0.8s	50.56 294	iP	P	15 55 08.0 +2.4
KSH	comp=Z,51nm,0.8s	50.56 294	iP	P	15 57 30.5 +1.7
KSH	comp=Z,51nm,0.8s	50.56 294	iP	P	15 58 30.8 +4.6
KSH	comp=E,39nm,0.9s		pmax	pmax	
KSH	comp=E,210nm,5.6s		LR	LR	
KSH	comp=E,530nm,9.7s		LR	LR	
KSH	comp=E,470nm,11.6s		LR	LR	
BVAO	comp=E,1um,16.3s	50.60 312	P	pmax	15 47 38.6 -0.8
BVAO	Borovoye Array	50.60 312	P	pmax	15 47 38.6 -0.8
BAAR	comp=Z,39nm,0.9s	50.60 312	P	P	15 47 39.5 +0.1
BAAR	Borovoye Array	50.60 312	P	P	15 47 39.5 +0.1
BAAR	comp=Z,23nm,0.7s,baz=70,slow=7.2,SNR=118	50.61 298	P	P	15 47 40.0 +0.1
BAAR	comp=Z,23nm,0.7s,baz=70,slow=7.2,SNR=118	50.61 298	P	P	15 47 40.0 +0.1
AAK	comp=Z,282nm,0.6s,SNR=25	50.61 298	eP	P	15 47 40.2 +0.3
AAK	Ala-Archa	50.61 298	eP	P	15 47 40.2 +0.3
AAK	Ala-Archa	50.61 298	eP	P	15 47 40.2 +0.3
AAK	Ala-Archa	50.61 298	eP	P	15 47 40.1 +0.1
AAK	Ala-Archa	50.61 298	eP	P	15 47 40.1 +0.1
BRVK	comp=Z,30nm,0.8s	50.65 312	P	P	15 47 40.8 +1.0
BRVK	Borovoye	50.65 312	P	P	15 47 40.8 +1.0
BRVK	comp=Z,335nm,0.9s,SNR=32	50.65 312	eP	P	15 47 39.7 -0.1
BRVK	Borovoye	50.65 312	eP	P	15 47 39.7 -0.1
BRVK	comp=Z,44nm,0.9s	50.65 312	eP	P	15 47 39.9 +0.1
BRVK	Borovoye	50.65 312	eP	P	15 47 39.9 +0.1
COEN	comp=Z,65nm,1.0s	51.02 178	eP	P	15 47 42.8 -0.1
COEN	Coen	51.02 178	eP	P	15 47 42.8 -0.1
EKS2	comp=Z,33nm,0.9s	51.11 299	eP	P	15 47 43.9 +0.3
EKS2	Erkin-Say	51.11 299	eP	P	15 47 43.9 +0.3
EKS2	Erkin-Say	51.11 299	eP	P	15 47 43.9 +0.3
EKS2	Erkin-Say	51.11 299	eP	P	15 47 43.9 +0.3
PPBI	comp=Z,34nm,0.8s	51.33 228	P	P	15 47 46.3 +0.9
PPBI	Pangkal Pinang	51.33 228	P	P	15 47 46.3 +0.9
EGAG	comp=Z,43nm,0.9s,comp=Z,4um	51.54 32	eP	P	15 47 46.6 +0.3
EGAG	Eagle	51.54 32	eP	P	15 47 46.6 +0.3
KHKI	comp=Z,18nm,1.1s	51.64 214	P	P	15 47 47.8 +0.3
KHKI	Kahang-Kahang	51.64 214	P	P	15 47 47.8 +0.3
PSI	comp=Z,252nm,1.1s,comp=Z,2um	52.19 239	eP	P	15 47 52.0 +0.1
PSI	Prapat	52.19 239	eP	P	15 47 52.0 +0.1
PSI	Prapat	52.19 239	eP	P	15 47 52.0 +0.1
PSI	Prapat	52.19 239	eP	P	15 47 52.0 +0.1
BKNI	comp=Z,30nm,0.8s	52.59 235	P	P	15 47 56.4 +1.6
BKNI	Bangkinang	52.59 235	P	P	15 47 56.4 +1.6
SJI	comp=Z,37nm,1.0s	52.88 218	P	P	15 47 56.7 -0.3
SJI	Sawahana	52.88 218	P	P	15 47 56.7 -0.3
KRKI	comp=Z,70nm,0.8s	52.91 217	P	P	15 47 56.5 -0.6
KRKI	Karangkates	52.91 217	P	P	15 47 56.5 -0.6
KRKI	Karangkates	52.91 217	P	P	15

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Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like KBZ, KIV, ONI, NEY, MOD, BMO, JMTM, GNI, SCO, AKH, SWMT, ORV, HOQ, CHVG, UOSS, OHCM, WVOR, HATD, ASHO, MSO, IZAR, MCGM, MNK, ISAL, AFDM, FAQ, IIGN, ARQ, ARQ, NACGM, ASUD, SOC, MFD, FFC, FFC, FFC, CMB, ANN, LRM, WAKR, NC405, NC303, EGMT, EGMT, DLMT, HLID, HLID, NB201, NB2, NB2, NB2, NOA, NB002, NB002, NB000, AKASG, AKASG, AKBB, AKBB, KIEV, KIEV, KIEV, NA001, AK11, BOZ.

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Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like BOZ, BOZ, BOZ, NVAR, NVAR, SUW, SUW, OLMT, ELK, ELK, YMR, SIM, SIM, YNR, YFT, SFJD, SFJD, SFJD, LKWK, LKWK, H17A, H17A, FLWY, RLMT, MOOV, HVU, HVU, LOHW, REDW, R11A, R11A, DGMT, DGMT, LAO, LAO, TPNV, TPNV, TPNV, HWUT, EDW, KIS, KIS, KIS, KIS, DUG, DUG, DUG, DUG, A26A, BW06, BW06, PDAR, PDAR, LVV, LVV, BSD, BSD, BEL, BEL, BEL, LEO, LEO, NLU, RBK, RBK, SHPR, COP, COP, KSRV, A28A, A28A, TLR, KWP, KWP, BUR08, BUR08, BUR08, TESR, B28A, MSU, MSU, ABTO, ABTO, A29A, A29A, PETR, PETR, P17A, P17A, VRI, VRI, Q16A, Q16A, P10R, P10R, TIRR, TIRR.

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Table with columns: Call sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like TIRR, TIRR, KOLS, KOLS, KOLS, B29A, BR131, BR131, BR131, BRTR, BRTR, BRTR, BRTR, STHS, STHS, STHS, GRER, A30A, A30A, F26A, OJC, OJC, OJC, OJC, UZH, UZH, DRWC, SRU, SRU, SRU, ARCR, BMR, ULM, ULM, ULM, ULM, MDND, MDND, CRVS, CRVS, IRM, IRM, PGOR, B30A, ISR, DOPR, BR231, MSAB, NIE, MLR, MLR, MLR, G26A, G26A, RSSD, RSSD, RSSD, RSSD, U15A, B31A, I25A, CJR, O20A, PL71, PDMCI, SULR, KFR, WRD, Y12C, VOIR, LANS, LANS, KECS, KECS, OKC, OKC, OKC, OKC, D30A, D30A, DRGR, H27A, ARR, B32A, A33A, MORC, MORC, MORC, PV10, DPC, DPC, KRLC, KRLC, KRLC, U2C, G28A, LOT, I27A, HUMR, PV05, N23A, N23A, AGMM, AGMM, PSZ, PSZ, PSZ, PSZ, DEV, H28A, VYHS, VYHS, MARH, W14A, WUAZ.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like BILB, YNR, LKWH, SDCO, PSI, GYA, MSTX, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like V33A, HKT, 236A, CM01, CMAR, CHTO, G26A, 438A, DGMT, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like MKAR, KURK, KURB, KSH, KSH, KSH, KSH, KSH, etc.

535A	comp=Z,35nm,1.5s Dale	40.73	16	P	P	17 25 32.7	-0.6
MNTX	Comp=Z,35nm,1.5s Cornudas Mount	40.90	6	P	P	17 25 34.9	+0.3
MNTX	Comp=Z,22nm,1.2s Cornudas Mount	40.90	6	eP	P	17 25 34.6	-0.1
536A	Comp=Z,22nm,1.2s Bastrop	40.92	17	P	P	17 25 34.5	-0.3
433A	Comp=Z,22nm,1.2s Art	41.03	14	P	P	17 25 35.6	-0.2
214A	Comp=Z,22nm,1.2s Organ Pipe Nat	41.06	356	P	P	17 25 36.4	+0.4
LPAZ	Comp=Z,22nm,1.2s La Paz	41.07	104	P	P	17 25 38.4	+1.4
LPAZ	Comp=Z,5.6nm,0.8s,baz=25.4,slow=6.2,SNR=12 LR					17 39 09.1	
537A	Comp=Z,629nm,19.6s,baz=25.8,slow=31 Green Hill Far	41.14	18	P	P	17 25 36.2	-0.4
HKT	Comp=Z,29nm,1.4s Hockley	41.17	18	eP	P	17 25 37.0	+0.3
HKT	Comp=Z,29nm,1.4s Hockley	41.17	18	eP	P	17 25 37.1	+0.3
434A	Comp=Z,29nm,1.4s Burnet	41.29	15	P	P	17 25 37.6	-0.3
TUC	Comp=Z,5nm,1.0s Tucson	41.32	359	eP	P	17 25 38.6	+0.5
TUC	Comp=Z,5nm,1.0s Tucson	41.32	359	eP	P	17 25 38.6	+0.5
435B	Comp=Z,6.0nm,1.0s Jarell	41.44	16	P	P	17 25 38.9	-0.2
LC50	Comp=Z,24nm,1.0s Las Campanas	41.49	124	eP	P	17 25 40.7	+0.8
121A	Comp=Z,24nm,1.0s Cooks Peak, D	41.56	2	P	P	17 25 40.4	+0.1
121A	Comp=Z,14nm,0.9s Cooks Peak, D	41.56	2	eP	P	17 25 40.9	+0.6
333A	Comp=Z,14nm,0.9s Richland Spring	41.60	14	P	P	17 25 40.6	+0.1
436A	Comp=Z,14nm,0.9s Wall Ranch, Ga	41.65	17	P	P	17 25 40.9	+0.1
539A	Comp=Z,14nm,0.9s Cross D Ranch,	41.67	20	P	P	17 25 41.0	0.0
334A	Comp=Z,14nm,0.9s Lometa	41.79	15	P	P	17 25 42.2	+0.2
437A	Comp=Z,14nm,0.9s Phantom Ranch,	41.90	18	P	P	17 25 42.8	0.0
113A	Comp=Z,14nm,0.9s Mohawk Valley,	41.94	355	eP	P	17 25 44.1	+1.0
335A	Comp=Z,14nm,0.9s Moody	41.96	16	P	P	17 25 43.6	+0.3
540A	Comp=Z,14nm,0.9s Vidor	42.02	20	P	P	17 25 43.9	+0.1
438A	Comp=Z,14nm,0.9s Sam Houston St	42.02	18	P	P	17 25 44.3	+0.5
BAR	Comp=Z,14nm,0.9s Barrett	42.20	351	eP	P	17 25 45.0	-0.3
336A	Comp=Z,14nm,0.9s Riesel	42.22	16	P	P	17 25 46.1	+0.7
233A	Comp=Z,14nm,0.9s Rising Star	42.29	14	P	P	17 25 46.1	+0.1
439A	Comp=Z,14nm,0.9s Center Grove,	42.29	19	P	P	17 25 46.8	+0.8
CPRX	Comp=Z,14nm,0.9s Cap Rock	42.39	7	eP	P	17 25 39.6	-7.4
337A	Comp=Z,14nm,0.9s Centerville	42.43	18	P	P	17 25 47.9	+0.7
234A	Comp=Z,14nm,0.9s Clairette	42.46	15	P	P	17 25 47.6	+0.2
109C	Comp=Z,14nm,0.9s Camp Elliot, M	42.48	351	P	P	17 25 48.6	+1.1
440A	Comp=Z,14nm,0.9s Kirbyville	42.51	20	P	P	17 25 48.1	+0.3
WHTX	Comp=Z,14nm,0.9s Lake Whitney,	42.62	15	P	P	17 25 48.8	+0.1
338A	Comp=Z,14nm,0.9s Crockett	42.64	18	P	P	17 25 49.1	+0.3
ABTX	Comp=Z,14nm,0.9s Ablene, Hawle	42.70	13	P	P	17 25 49.5	+0.1
ABTX	Comp=Z,14nm,0.9s Ablene, Hawle	42.70	13	eP	P	17 25 49.1	-0.3
441A	Comp=Z,14nm,0.9s DeHidder	42.79	21	P	P	17 25 50.6	+0.6
SDV	Comp=Z,14nm,0.9s Santo Domingo	42.85	66	P	P	17 25 50.8	-0.2
SDV	Comp=Z,14nm,0.9s Santo Domingo	42.85	66	eP	P	17 25 50.7	-0.4
SDV	Comp=Z,14nm,0.9s Santo Domingo	42.85	66	eP	P	17 25 49.6	-1.4
133A	Comp=Z,14nm,0.9s Hamilton Ranch	42.85	13	P	P	17 25 50.8	+0.2
339A	Comp=Z,14nm,0.9s Huntington	42.86	19	P	P	17 25 50.7	+0.1
236A	Comp=Z,14nm,0.9s Katherine and	42.88	17	P	P	17 25 51.1	+0.3
Y12C	Comp=Z,14nm,0.9s Blythe	42.99	354	eP	P	17 25 52.1	+0.5
Y12C	Comp=Z,14nm,0.9s Blythe	42.99	354	eP	P	17 25 52.3	+0.6
134A	Comp=Z,14nm,0.9s White-Moore Ra	43.02	14	P	P	17 25 52.3	+0.4
442A	Comp=Z,14nm,0.9s Mamou	43.03	22	P	P	17 25 52.0	0.0
Y14A	Comp=Z,14nm,0.9s Wickenburg	43.04	356	eP	P	17 25 53.2	+1.0
PFO	Comp=Z,14nm,0.9s Pinyon Flats O	43.09	352	eP	P	17 25 52.8	+0.2
PFO	Comp=Z,14nm,0.9s Pinyon Flats O	43.09	352	eP	P	17 25 52.8	+0.2
237A	Comp=Z,14nm,0.9s Washetta, Mont	43.09	17	P	P	17 25 53.1	+0.6
Y22D	Comp=Z,14nm,0.9s IRIS PASSCAL I	43.14	3	P	P	17 25 54.4	+1.3
Y22D	Comp=Z,14nm,0.9s IRIS PASSCAL I	43.14	3	eP	P	17 25 54.4	+1.3
340A	Comp=Z,14nm,0.9s Bronson	43.15	20	P	P	17 25 53.0	0.0
135A	Comp=Z,14nm,0.9s Vickery Place,	43.17	15	P	P	17 25 52.0	-1.1
NATX	Comp=Z,14nm,0.9s Nacogdoches	43.22	19	eP	P	17 25 52.7	-0.9
BNN	Comp=Z,14nm,0.9s Barren Site	43.24	4	eP	P	17 25 53.6	-0.3
238A	Comp=Z,14nm,0.9s Jacksonville	43.30	18	P	P	17 25 55.1	+0.9
443A	Comp=Z,14nm,0.9s Delano Plantat	43.32	23	P	P	17 25 56.5	+2.1
136A	Comp=Z,14nm,0.9s Ennis	43.33	16	P	P	17 25 54.4	0.0
LPM	Comp=Z,14nm,0.9s Los Pinos Moun	43.40	4	eP	P	17 25 54.0	-1.2
X16A	Comp=Z,14nm,0.9s Lo Mia Camp, P	43.44	358	eP	P	17 25 56.4	+0.9
LAZ	Comp=Z,14nm,0.9s Ladron	43.46	3	eP	P	17 25 53.9	-1.8
MSTX	Comp=Z,14nm,0.9s Muleshoe	43.46	8	eP	P	17 25 55.7	+0.1
MSTX	Comp=Z,14nm,0.9s Muleshoe	43.46	8	eP	P	17 25 55.2	-0.3
AGUA	Comp=Z,14nm,0.9s GUANDACOL	43.47	123	eP	P	17 25 57.8	+2.0
239A	Comp=Z,14nm,0.9s Gary	43.52	19	P	P	17 25 56.2	+0.3
X18A	Comp=Z,14nm,0.9s Snowflake	43.52	360	eP	P	17 25 56.4	+0.2
Z33A	Comp=Z,14nm,0.9s Whitaker Ranch	43.54	13	P	P	17 25 56.5	+0.4
RTL5	Comp=Z,14nm,0.9s Leonette	43.63	127	eP	P	17 25 58.7	+1.3
137A	Comp=Z,14nm,0.9s Heron Place, G	43.66	17	P	P	17 25 56.8	-0.3
342A	Comp=Z,14nm,0.9s Flagon Creek P	43.66	22	P	P	17 25 58.0	+0.9
AUSP	Comp=Z,14nm,0.9s Huppallata	43.72	128	eP	P	17 25 59.5	+1.5
240A	Comp=Z,14nm,0.9s Hunter Patters	43.77	20	P	P	17 25 57.8	-0.2
Z34A	Comp=Z,14nm,0.9s Collier Ranch,	43.82	14	P	P	17 25 58.8	+0.4
PASC	Comp=Z,14nm,0.9s Pasadena Art C	43.91	350	eP	P	17 25 59.6	+0.5
138A	Comp=Z,14nm,0.9s Matatali Enter	43.92	18	P	P	17 25 59.2	0.0
MWC	Comp=Z,14nm,0.9s Mount Wilson	43.94	350	eP	P	17 26 00.2	+0.7
MWC	Comp=Z,14nm,0.9s Mount Wilson	43.94	350	eP	P	17 26 00.2	+0.7
Z35A	Comp=Z,14nm,0.9s Perchaven, San	43.95	15	P	P	17 25 59.3	-0.1
241A	Comp=Z,14nm,0.9s Mo Tay, Goldon	44.04	21	P	P	17 25 59.9	-0.3
ANMO	Comp=Z,14nm,0.9s Albuquerque	44.04	4	eP	P	17 26 00.6	+0.2

ANMO	Comp=Z,45nm,1.9s Albuquerque	44.04	4	eP	P	17 26 00.6	+0.2
W18A	Comp=Z,45nm,1.9s Petrified Fore	44.10	360	P	P	17 26 00.7	-0.2
W18A	Comp=Z,45nm,1.9s Petrified Fore	44.10	360	eP	P	17 26 00.3	-0.6
Z36A	Comp=Z,45nm,1.9s Blue Ridge	44.10	16	P	P	17 26 00.4	-0.3
RTL5	Comp=Z,45nm,1.9s Cerro Villicu	44.11	126	eP	P	17 26 00.7	-0.2
139A	Comp=Z,45nm,1.9s Bunkhouse Ranc	44.15	19	P	P	17 26 00.5	-0.3
Y33A	Comp=Z,45nm,1.9s Hill Ranch, Baz	44.26	13	P	P	17 26 02.2	+0.3
Z37A	Comp=Z,45nm,1.9s Pogue Cattle C	44.26	17	P	P	17 26 02.1	+0.2
W13A	Comp=Z,45nm,1.9s Hualapai Mount	44.26	355	eP	P	17 26 03.5	+1.3
ASAL	Comp=Z,45nm,1.9s Salagasta	44.29	128	eP	P	17 26 03.6	+1.2
242A	Comp=Z,45nm,1.9s Grayson	44.34	21	P	P	17 26 02.5	-0.1
LDFC	Comp=Z,45nm,1.9s Landfair	44.36	354	eP	P	17 26 03.7	+0.8
140A	Comp=Z,45nm,1.9s Cam and Jess,	44.38	20	P	P	17 26 03.7	+0.8
Y34A	Comp=Z,45nm,1.9s Reagan Ranch,	44.41	14	P	P	17 26 03.1	0.0
243A	Comp=Z,45nm,1.9s Waterproof	44.43	22	P	P	17 26 04.2	+1.0
OSI	Comp=Z,45nm,1.9s Osito Audit: C	44.44	349	eP	P	17 26 03.8	+0.4
AAGR	Comp=Z,45nm,1.9s Agrelo	44.48	128	eP	P	17 26 05.2	+1.2
Z38A	Comp=Z,45nm,1.9s Mt. Pleasant	44.50	18	P	P	17 26 04.4	+0.6
X32A	Comp=Z,45nm,1.9s Elmer	44.52	12	P	P	17 26 04.2	+0.3
AMTX	Comp=Z,45nm,1.9s Amarillo	44.52	9	eP	P	17 26 02.8	-1.3
WU4Z	Comp=Z,45nm,1.9s Wupatki	44.53	358	eP	P	17 26 06.5	+2.2
Y35A	Comp=Z,45nm,1.9s Manietta	44.55	15	P	P	17 26 04.2	0.0
141A	Comp=Z,45nm,1.9s Papa Simpson,	44.57	20	P	P	17 26 05.3	+0.9
FSA	Comp=Z,45nm,1.9s Catete	44.65	118	eP	P	17 26 07.5	+2.0
ACL	Comp=Z,45nm,1.9s CERRO LA CRUZ	44.72	123	eP	P	17 26 07.0	+1.0
Y36A	Comp=Z,45nm,1.9s Durant	44.74	16	P	P	17 26 06.7	+0.9
Z39A	Comp=Z,45nm,1.9s Irene McRaven,	44.74	19	P	P	17 26 06.4	+0.7
GSC	Comp=Z,45nm,1.9s Goldstone, Bar	44.80	352	eP	P	17 26 07.0	+0.7
GSC	Comp=Z,45nm,1.9s Goldstone, Bar	44.80	352	eP	P	17 26 07.0	+0.7
X33A	Comp=Z,45nm,1.9s Lawton	44.80	13	P	P	17 26 07.0	+0.8
142A	Comp=Z,45nm,1.9s Monroe	44.86	21	P	P	17 26 07.2	+0.5
WMOK	Comp=Z,45nm,1.9s Wichita Mount	44.93	13	eP	P	17 26 07.0	-0.3
WMOK	Comp=Z,45nm,1.9s Wichita Mount	44.93	13	eP	P	17 26 07.0	-0.3
Y37A	Comp=Z,45nm,1.9s Hugo	45.00	17	P	P	17 26 08.8	+1.0
Z40A	Comp=Z,45nm,1.9s Long Farm, Mag	45.00	19	P	P	17 26 08.8	+1.0
X34A	Comp=Z,45nm,1.9s Smith Ranch, M	45.01	14	P	P	17 26 08.0	+0.1
X35A	Comp=Z,45nm,1.9s Drake	45.03	15	P	P	17 26 08.4	+0.3
VBMS	Comp=Z,45nm,1.9s Vicksburg	45.10	23	eP	P	17 26 07.8	-0.8
143A	Comp=Z,45nm,1.9s Socs Landing,	45.20	22	P	P	17 26 09.9	+0.6
W32A	Comp=Z,45nm,1.9s Sentinel	45.20	12	P	P	17 26 09.4	0.0
Y38A	Comp=Z,45nm,1.9s Idabel	45.21	18	P	P	17 26 09.9	+0.5
X36A	Comp=Z,45nm,1.9s Centrahoma	45.35</					

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Table with columns: ID, Name, Az, El, AzEl, P, Pmax, AzEl, P, Pmax. Rows include S36A Lake Cedric, R33A Olander Ranch, Q29A Oakley, Q28A Sharon Springs, P18A Preston Utter, GNAR Gosnell, CBKS Cedar Bluff, R34A Isabella Hill, Q30A Quinter, S37A Fort Scott, HLTA Halls, T40A Mansfield, IS8A Stockton, IS30A Idaho Springs, ISCO Idaho Springs, ISCO Idaho Springs, Q31A Ellis, R35A Emporia Municipi, NLU North Lily Min, AFDM Forest Hills D, Q32A Meitler Ranch, P28A Saint Francis, R36A Gordon, Harris, S39A Bolivar, O20A White River Ci, O20A White River Ci, CLAT Glass, GOGA Godfrey, GOGA Godfrey, PBMO Poplar Bluff, Q33A Connelly Farm, P29A Atwood, DUG Dugway, Tooele, DUG Dugway, Tooele, DUG Dugway, Tooele, S40A Lebanon, R37A Teagarden Farm, P30A Selder, PARMO Parma, Q34A Chapman, UTMU University of, R38A Fenwick Farm, P31A Stockton, Q35A Mercer Eighty, OHCM Honcut, SWET Seawee, KSU1 Kansas State U, JLU Jordanelle, O28A Krutinger Ran, P32A Huiting Farm, P33A Williams Farm, Q36A Arnold C. Orve, ORV Oroville, ORV Oroville, R39A Chumby, Stover, O29A 4D Ranch, Culb, Q37A Longsw Farm, O30A MW Ranch, Wils, P34A Walnut Farm, R, ELK Elko, ELK Elko, R40A Maddies Statio, CRPR Cabo Rojo, PR, N23A Red Feather La, N23A Red Feather La, O31A Woolen Ranch, P35A Duane Minner, Q38A Cooks Store, C, N28A Pribbeno Ranch, O33A Hebron, SPUT South Promonto, O32A Brockman Farm, CPCT Cooper Cave, OGNE Ogallala, P36A Good Intent, A, AOPR Arcibob Observ, CERP Cerrillos, SIUC Southern Illinois, Q39A Willow Grove F, N29A Votaw Ranch, O03D Paynes Creek, N30A Hueftle Ranch, O34A Beatrice, P37A Lathrop

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Table with columns: ID, Name, Az, El, AzEl, P, Pmax, AzEl, P, Pmax. Rows include HWUT Hardware Ranch, Q40A Laux Farm, HVU Hansel Valley, HVU Hansel Valley, N32A Stulken Farm, P38A Dawn, O35A Humboldt, TKL Tuckaleehee C, TKL Tuckaleehee C, M28A Bar X Bar Ranc, SLM Saint Louis, SLM Saint Louis, SLM Saint Louis, P39A Salisbury, WDC Whiskeytown Da, WDC Whiskeytown Da, O36A Bolckow, JSC Jenkinville, N33A J Bar K, Exete, M29A Burnside Ranch, P40A Paris, O37A Wolfen Farm, M, USIN University of, M31A Lambrecht Ranch, N34A Lincoln, O38A Galt, N02D Trinity Center, BGNE Belgrade, BGNE Belgrade, N35A Tabor, TRQA Torquist, N36A Muff Farm, C, KMSC Kings Mountain, K22A Casper, K22A Casper, O39A Kirksville, L29A Mosberg Ranch, TZTN Tazewell, L30A Spencer Herofo, BW06 Boulder Array, BW06 Boulder Array, PD51 Pinetale Array, PDAR Pinetale Array, PDAR Pinetale Array, N37A Lee Farms, Mou, AHID Auburn Hatcher, OLIL Olney, O40A La Belle, MOD Modoc Plateau, M02C Callahan, M33A Taylor Creek F, M34A Asp Farms, Fr, M04C Macdool, WCI Wyandotte Cave, WCI Wyandotte Cave, N38A Joe South For, M35A Neola, WVOR Wild Horse Val, WVOR Wild Horse Val, L32A Elgin, L31A Butterfield Fa, K28A Ten Mile Ranch, M36A Felix, Anita, CPUP Villa Florida, CPUP Villa Florida, CPUP Villa Florida, N39A Derby Farms, D, REDW Red Top Meadow, L34A Svendsen Farm, M37A Trindle Farm, L33A Hoskins, K29A Lazy Trails An, SNOW Snow King Moun, K30A O'Neill, K31A O'Neill, LOHW Long Hollow, M38A Pleasantville, J26A Sides Ranch, S, J25A Sunshine Ranch, MFID Camas Ranch, J27A Elk River Farm, L02D Cave Junction, K05A Summer Lake, L35A Bielov Farm, R, HLID Hailey, HLID Hailey, K32A Verdige

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Table with columns: ID, Name, Az, El, AzEl, P, Pmax, AzEl, P, Pmax. Rows include BLO Bloomington, BLO Bloomington, K04D Chiloquin, OR, K33A Hardington, J28A Allard Ranch, HUMO Hull Mountain, HDIL Hopedale, FLWY Flagg Ranch, J29A Okreak, J30A Dallas, K34A Le Mars, L37A Phoenix Point, J31A Geddes, I25A Rochford, J05D Fort Rock, OR, RSSD Black Hills, RSSD Black Hills, K35A Storm Lake, I26A New Underwood, L38A Oak Wood Farm, H17A Grant Village, J04D Umpqua Nationa, J32A Parkston, K36A Gilmore City, I27A Quinn, I28A Midland, J33A Pohakuloa, J33A Davis, SFIN Lafayette, SFIN Lafayette, I29A Vivian Onida, I30A Oacoma, BLA Blacksbury, BLA Blacksbury, J34A George, K37A Belmont, QM2T Earthquake Lak, H25A Fruitdale, MCMT McKenzie Canyo, K38A Parkersburg, H26A Fairport, I31A Royce, Wessing, VWVC Virginia Weste, J35A Milford, I04A Tendick Farm, ECSD EROS Data Cent, H27A Howes, I03D Drain, OR, J36A Seneca 1, Swea, I32A Karley and Nic, H28A Mission Ridge, BMO Blue Mountains, H29A Onida, SUSD Miller, I33A Coleman, J37A Redenius Farm, I05D Terrebonne, OR, DLMT Dillon, H31A Wolsey, G25A Newell, I34A Hadley, I35A Creekvew Farm, J38A Wedel Dairy, R, H32A Carlson Farm, G28A Parade, G26A Maurine, G27A Dupree, H04A Detroit Lake, JFWS Jewell Farm, JFWS Jewell Farm, I36A Fitzsimmons Fa, G29A Hoven, H33A Prehn Over Nor, G30A Faulkton, I37A Lemond, Waseca, ACSO Alum Creek Sta, H34A Spellman Lake, G06A Carlson Farm, G31A Conde, F25A Bowman, F26A Lodgepole, G05D Wamic, OR, F27A Lemmon, I38A Scanlan Farm

H35A	Sunnyside Ranc	55.33	13	P	P	17 27 24.6	-1.4
G32A	Webster	55.33	10	P	P	17 27 25.2	-0.8
F10A	Beach Ranch, E	55.37	354	eP	P	17 27 26.2	-0.2
F28A	McLaughlin	55.40	8	P	P	17 27 26.0	-0.5
H36A	Jessenland, He	55.42	14	P	P	17 27 25.9	-0.7
G33A	Ortonville	55.47	11	P	P	17 27 25.5	-1.5
F29A	Eureka	55.52	8	P	P	17 27 26.2	-1.1
G03D	McMinville, O	55.55	348	P	P	17 27 27.4	-0.2
F30A	Leola	55.64	9	P	P	17 27 27.1	-1.2
H37A	Dierke Farm, C	55.66	14	P	P	17 27 27.7	-0.7
G34A	Benson	55.68	12	P	P	17 27 27.1	-1.4
LAO	LASA Array	55.75	3	P	P	17 27 28.5	-0.6
LAO	LASA Array	55.75	3	eP	P	17 27 28.5	-0.6
E25A	Miller Ranch,	55.76	5	P	P	17 27 28.2	-0.9
F31A	Hecla	55.79	10	P	P	17 27 28.1	-1.1
E26A	Carlson Angus	55.82	6	P	P	17 27 28.8	-0.8
E27A	Carson	55.88	7	P	P	17 27 29.4	-0.5
G35A	Watkins	55.90	13	P	P	17 27 29.0	-1.1
MSO	Missoula	55.93	356	eP	P	17 27 31.0	+0.6
MCWV	Mont Chateau	55.96	28	eP	P	17 27 30.8	+0.2
CHMT	Chamberlain M	55.95	357	eP	P	17 27 30.5	-0.4
F32A	Veblen	55.99	11	P	P	17 27 29.7	-1.1
G36A	St. Michael	56.08	14	P	P	17 27 30.8	-0.5
F04A	Amboy	56.09	349	eP	P	17 27 32.8	+1.4
TRW	Toppenish Ridg	56.12	351	P	P	17 27 32.3	+0.7
F35A	5 Mile Ranch,	56.12	11	P	P	17 27 29.9	-1.7
E28A	Huff	56.13	7	P	P	17 27 30.5	-1.2
E29A	Napoleon	56.27	8	P	P	17 27 32.1	-0.6
F34A	Alexandria	56.28	12	P	P	17 27 32.0	-0.8
SPMN	Marine on St.	56.30	14	P	P	17 27 32.3	-0.6
SPMN	Marine on St.	56.30	14	eP	P	17 27 31.9	-0.9
E30A	Jud	56.31	9	P	P	17 27 32.3	-0.7
FL2	Flat Top 2	56.33	349	P	P	17 27 34.1	+0.8
F04D	Rainier, OR	56.34	349	P	P	17 27 33.6	+0.4
D26A	Manning	56.38	6	P	P	17 27 33.0	-0.5
D25A	Fairfield	56.41	5	P	P	17 27 33.5	-0.2
TDL	Tradedollar La	56.45	350	P	P	17 27 34.9	+0.7
F35A	Swanville	56.49	13	P	P	17 27 33.1	-1.1
E31A	Nome	56.53	10	P	P	17 27 33.6	-1.0
AAM	Ann Arbor	56.54	23	eP	P	17 27 34.1	-0.5
AAM	Ann Arbor	56.54	23	eP	P	17 27 34.2	-0.5
D27A	Center	56.55	7	P	P	17 27 34.8	-0.8
SWMT	Swartz Lake	56.62	356	eP	P	17 27 30.9	-0.4
D08A	Wollman Farm,	56.63	352	eP	P	17 27 35.7	+0.4
E32A	Bratlen, Kindr	56.70	10	P	P	17 27 34.7	-1.1
F36A	Milaca	56.73	13	P	P	17 27 35.3	-0.6
D28A	Regan	56.75	7	P	P	17 27 35.8	-0.3
D29A	Pettibone, Tap	56.75	8	P	P	17 27 35.5	-0.6
LON	Longmire	56.77	350	eP	P	17 27 35.0	-1.3
LON	Longmire	56.77	350	eP	P	17 27 35.0	-1.3
E33A	Westby DABS, E	56.81	11	P	P	17 27 35.3	-1.3
JTMT	Jette	56.87	356	eP	P	17 27 36.8	-0.3
E03A	Lebam	56.89	349	eP	P	17 27 37.7	+0.6
D30A	Buchanan	56.92	9	P	P	17 27 36.7	-0.7
N54A	Moraine State	56.95	27	P	P	17 27 36.3	-1.3
YBMT	Yellow Bay	56.97	357	eP	P	17 27 37.7	-0.1
EGMT	Eagleton	57.00	360	eP	P	17 27 38.0	+0.1
BSMT	Bassoo Peak	57.01	356	eP	P	17 27 37.2	-0.9
D31A	McClaffin, Tow	57.03	10	P	P	17 27 36.4	-1.7
O56A	Blue Knob Stat	57.03	28	P	P	17 27 36.6	-1.7
C27A	Saylor Ranch,	57.15	7	P	P	17 27 37.9	-1.1
E35A	Pequot Lakes	57.19	12	P	P	17 27 37.5	-1.7
SDMD	Soldier's Deli	57.19	30	eP	P	17 27 39.1	-0.3
C26A	Wahner Farm, P	57.20	6	P	P	17 27 38.0	-1.4
D05A	Enumclaw	57.22	350	eP	P	17 27 40.0	+0.5
D32A	Dogwood Acres,	57.23	10	P	P	17 27 38.3	-1.2
C09A	Christman Ranch	57.29	353	eP	P	17 27 40.1	+0.2
C28A	Hausauer Farms	57.29	7	P	P	17 27 39.2	-0.8
ETW	Entiat	57.37	351	P	P	17 27 41.0	+0.3
WTV	Waterville	57.40	352	P	P	17 27 41.3	+0.5
E36A	McGregor	57.41	13	P	P	17 27 40.1	-0.6
D33A	AnnSam, Waubun	57.45	11	P	P	17 27 40.2	-0.9
MDND	Maddock	57.52	8	P	P	17 27 40.5	-1.1
MDND	Maddock	57.52	8	eP	P	17 27 40.8	-0.8
D34A	Park Rapids	57.53	12	P	P	17 27 40.9	-0.8
M54A	Oil Creek Stat	57.53	26	P	P	17 27 40.8	-0.9
B25A	Knox Farm, Ray	57.54	5	P	P	17 27 41.0	-0.7
C30A	Mose, Pekin	57.55	9	P	P	17 27 41.5	-0.3
NEW	Newport	57.62	354	eP	P	17 27 42.8	+0.5
NEW	Newport	57.62	354	eP	P	17 27 42.8	+0.5
SSPA	Standing Stone	57.64	28	eP	P	17 27 42.9	+0.4
DGMT	Dagmar	57.65	4	P	P	17 27 42.8	+0.3
DGMT	Dagmar	57.65	4	eP	P	17 27 41.3	-1.2
E37A	Wrenshall	57.65	14	P	P	17 27 41.9	-0.5
B26A	Jensen Ranch,	57.73	6	P	P	17 27 42.6	-0.4
C31A	Landran Farms,	57.75	10	P	P	17 27 42.7	-0.4
C06D	Leavenworth	57.76	351	P	P	17 27 43.5	+0.3

D35A	Remer	57.76	13	P	P	17 27 42.8	-0.4
B27A	Peters Farms,	57.86	7	P	P	17 27 43.7	-0.3
ERPA	Erie	57.88	26	eP	P	17 27 44.0	-0.2
MVL	Millersville	57.88	30	eP	P	17 27 44.1	-0.1
B08A	Colville Reser	57.97	352	eP	P	17 27 44.4	-0.4
B28A	Dugan Ranch,	58.01	7	P	P	17 27 44.3	-0.7
D36A	Goodland	58.05	13	P	P	17 27 45.0	-0.3
C33A	Trail	58.06	11	P	P	17 27 44.7	-0.6
COWI	Conover	58.08	17	eP	P	17 27 45.0	-0.5
C34A	State Ranch, Bem	58.13	12	P	P	17 27 44.7	-1.1
WALA	Waterton Lakes	58.16	357	eP	P	17 27 45.6	-0.6
B29A	Wagenman Farm,	58.16	8	P	P	17 27 45.0	-1.1
D37A	Cotton	58.20	14	P	P	17 27 44.8	-1.5
A25A	Svangstu Ranch	58.20	5	P	P	17 27 44.6	-1.7
A26A	Wade Farm, Ken	58.26	6	P	P	17 27 45.5	-1.3
B05A	Bryant	58.28	350	P	P	17 27 45.7	-1.2
B30A	Myrvik Farm, E	58.30	9	P	P	17 27 45.8	-1.2
C35A	Jirik Farms, M	58.37	12	P	P	17 27 46.2	-1.3
B31A	Greenbush Farm	58.38	9	P	P	17 27 46.2	-1.4
A27A	Ledoux Ranch,	58.41	7	P	P	17 27 46.4	-1.4
A28A	Rue Farm, Bot	58.48	7	P	P	17 27 47.4	-0.9
B32A	Ashes, Strandq	58.54	10	P	P	17 27 47.4	-1.2
AGMM	Agassiz Nation	58.56	11	eP	P	17 27 47.6	-1.2
B33A	Robert and Kan	58.59	11	P	P	17 27 47.7	-1.3
A29A	Manning Farm,	58.63	8	P	P	17 27 48.5	-0.8
C36A	Pine Crest Far	58.67	13	P	P	17 27 48.4	-1.2
A30A	Hoffart Farm,	58.78	9	P	P	17 27 49.7	-0.7
C37A	Embarrass	58.79	14	P	P	17 27 49.6	-0.9
A04D	Lummi Island	58.83	350	P	P	17 27 49.8	-0.8
N59A	State Game Lan	58.87	30	P	P	17 27 49.1	-2.1
B34A	Aery, Baudette	58.98	12	P	P	17 27 50.2	-1.5
C38A	Sawbill Land.	59.00	14	P	P	17 27 51.1	-0.8
B35A	Bob, Littlefor	59.05	12	P	P	17 27 51.1	-1.1
A32A	Rocking H Ranc	59.05	10	P	P	17 27 51.4	-0.8
EYMN	Ely	59.16	14	P	P	17 27 52.1	-0.9
EYMN	Ely	59.16	14	eP	P	17 27 51.7	-1.3
A33A	Warroad	59.27	11	P	P	17 27 52.6	-1.1
C39A	Grand Marais	59.38	15	P	P	17 27 53.4	-1.1
ODNJ	Ogdensburg	59.57	30	eP	P	17 27 55.7	-0.3
EFI	East Falkland	59.58	146	eP	P	17 27 55.1	-0.8
BINY	Binghamton	59.75	29	eP	P	17 27 57.3	0.0
BDFB	Brasilia	60.39	103	P	P	17 28 02.4	+0.1
BDFB	Brasilia	60.39	103	P	P	17 28 02.2	0.0
BDFB	Brasilia	60.39	103	eP	P	17 28 02.2	0.0
SADO	Sadowa	60.41	25	eP	P	17 28 01.3	-0.4
ULM	Lac du Bonnet	60.42	10	P	P	17 28 00.5	-1.2
ULM	Lac du Bonnet	60.44	10	eP	P	17 28 00.8	-1.0
PLVO	Plevna	61.49	26	eP	P	17 28 08.9	-0.1
ACCN	Adirondack Com	61.76	29	eP	P	17 28 10.5	-0.3
LONV	Lake Ozonia	62.27	28	eP	P	17 28 14.1	-0.2
EDM	Edmonton	62.28	358	eP	P	17 28 13.6	-0.6
EDM	Edmonton	62.28	358	eP	P	17 28 13.6	-0.6
FRNY	Flat Rock	62.89	28	eP	P	17 28 18.5	+0.1
VLDO	Val d'Or	63.80	23	eP	P	17 28 23.6	-0.8
FFC	Fin Flon	64.04	5	eP	P	17 28 24.4	-1.4
FFC	Fin Flon	64.04	5	eP	P	17 28 24.4	-1.4
LMQ	La Malbaie	66.43	28	eP	P	17 28 41.4	-0.1
FCC	Fort Churchill	68.92	9	eP	P	17 28 56.0	-0.9
FCC	Fort Churchill	68.92	9	eP	P	17 28 56.0	-0.9
YKA	Yellowknife Ar	71.61	358	P	P	17 29 12.4	-0.8
YKBS	Yellowknife Ar	71.61	358	eP	P	17 29 12.4	-0.9
SCHO	Schefferville	73.21	24	P	P	17 29 22.5	-0.6
SCHO	Schefferville	73.21	24	eP	P	17 29 22.6	-0.6
OUZ	Omuta	73.97	236	eP	P	17 29 28.8	+1.1
DAWV	Dawson	76.47	347	eP	P	17 29 41.6	-0.2
PMR	Palmer	77.02	342	eP	P	17 29 44.4	-0.4
PMR	Palmer	77.02	342	eP	P	17 29 44.4	-0.4
EGAK	Eggleston	77.48	347	eP	P	17 29 47.4	0.0
RND	Reindeer	78.33	343	eP	P	17 29 51.7	-0.6
RND	Reindeer	78.33	343	eP	P	17 29 51.7	-0.6
MCK	McKinley	78.61	343	eP	P	17 29 54.1	+0.4
MCK	McKinley	78.61	343	eP	P	17 29 54.1	+0.4
IL1	Eielson Array	78.87	345	eP	P	17 29 54.3	-0.8
ILAR	Eielson Array	78.87	345	eP	P	17 29 54.1	-1.0
ILAR	Eielson Array	78.87	345	eP	P	17 29 54.3	-0.8
UNV	Unalaska Valle	78.94	330	eP	P	17 29 56.6	+0.9
WRH	Wood River Hill	79.95	344	eP	P	17 29 55.8	+0.3
CCB	Clear Creek Bu	79.91	344	eP	P	17 29 56.4	+0.6

INK	Inuvik	79.17	351	P	P	17 29 55.0	-1.6
INK	Inuvik	79.17	351	eP	P	17 29 56.7	0.0
INK	Inuvik	79.17	351	eP	P	17 29 56.7	0.0
CAST	Castle Rocks	79.30	342	eP	P	17 29 57.1	-0.4
FYU	Fukon	79.91	346	eP	P	17 30 00.5	-0.2
VNDA	Vanda	80.72	193	LR	LR	17 58 11.0	
COLD	Coldfoot	81.64	345	eP	P	17 30 09.	

26d 17h

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

NIED 26 17:18:00, 36:20N, 137:50E, h5km, Mw4.8 Best double couple: Mo:1.53000, 1016 NP1:phi=252.00000, delta5.00000, lambda1.09.00000. NP2:phi=45.00000, delta8.00000, lambda71.00000.

ISCJB 26 17:18:58.8, 0.4, 36:17N, 0:02:137:46E, 0:02, h9km, mb4.2km, mb4.6/95, MS4.2/25, Error ellipse: s-maj=3.4km s-min=3.0km az=156.2

BUI 26 17:18:58.6, 36:10N, 137:50E, h6km, mb4.5/53, mB5.0/43, MS4.5/53, MS7.4/35/1

IDC 26 17:18:58.0, 0.5, 36:05N, 137:50E, h0km, mb4.2/30, mb1.4, 3/32, mb1mx3.4/53, mbtmp4.2/32, ML3.7/2, MS4.1/19, MS1.4, 1/19, ms1mx3.9/53, Error ellipse: s-maj=13.2km s-min=7.8km az=147.0

JMA 26 17:18:58.9, 36:16N, 137:46E, h4km, 1km, M5.0 Broadband fault plane solution: P waves. NP1: phi=48.00000, delta53.00000, lambda76.00000. NP2:phi=250.00000, delta39.00000, lambda107.00000. Principal axes: T: P1g77.00000, Azm270.00000; N: P1g11.00000, Azm57.00000; P: P1g7.00000, Azm146.00000;

JMA Felt IV J1. NEIC 26 17:18:59.7, 0.8, 36:13N, 137:49E, h7km, 5km, mb4.9/46 Error ellipse: s-maj=5.6km s-min=3.9km az=141.0

NEIC Felt at Nagoya and Takaoka. Recorded [4 JMA] in Gifu; [3 JMA] in Nagano; [2 JMA] in Ishikawa and Toyama; [1 JMA] in Aichi, Fukui, Mie, Niigata, Shiga, Shizuoka, Tokyo and Yamanashi.

MOS 26 17:19:00.1, 1.2, 36:07N, 137:47E, h26km, mb5.0/26, MS4.0/12, Error ellipse: s-maj=7.7km s-min=5.1km az=85.6

ISC 26 17:19:59.3, 0.9, 36:12N, 0:02:137:49E, 0:02, h2km, 5km, m258, phi164/277, mb4.7/95, MS4.3/26, 4C-16D, Eastern Honshu

Main station list table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Lists numerous stations like JGN, JGT, JNG, etc.

2011 FEB

Main station list table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Lists numerous stations like CN2, KUR, UGL, etc.

1316

Main station list table with columns: Code, Station Name, Az, El, Phase, ID, Time, Res, ISC. Lists numerous stations like LZH, GYA, SEY, etc.

Table with columns: ID, Name, Address, Date, Time, Status, etc. Includes entries like F10A Beach Ranch, BSMT Bassoo Peak, OOD3 Modoc Creek, etc.

Table with columns: ID, Name, Address, Date, Time, Status, etc. Includes entries like R11A Troy Canyon, MPMC Manual Prospec, PVCC Panska Ves, etc.

Table with columns: ID, Name, Address, Date, Time, Status, etc. Includes entries like SRU San Rafael Swe, H25A Fruitae, G26A Maurine, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like G34A Benson, K30A Bassett, and many others.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like KSU1 Kansas State U, KSU1 Kansas State U, and many others.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other parameters. Includes stations like V39A Pettigrew, U40A Yellville, and many others.

ISCJB 26:20:44:04.5:1.1, 36:07N, 106:137.42E:0.07, h14km, 6km, mb3.5/1, Error ellipse: s-maj=11.7km s-min=8.7km az=147.9

ATH 26:20:46:51.8, 40:35N, 25:82E, h27km, 1km, ML2.6/8, Error ellipse: s-maj=1.2km s-min=0.7km az=20.0, Analyst: A.ANDREOU ML Amplitudes are expressed in micrometers All distances are expressed in km

Table with columns: Station Name, Azimuth, Elevation, P, S, AML, M, L, and various numerical values. Includes stations like Alexandroupoli, Limnos Island, Paraskievi, etc.

Table with columns: Station Name, Azimuth, Elevation, P, S, AML, M, L, and various numerical values. Includes stations like GRG Griva, SMG Samos, IZI Iznik, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, P, S, AML, M, L, and various numerical values. Includes stations like Honshu Niukaw, JMA 26:20:49:05.5,36:15N:137:44E, etc.

MAN 26:21:02:15, 6:26N:123:72E, h592km, mb5.1, ML4.1, MS4.3
BUJ 26:21:02:17, 6:38N:123:78E, h568km, mb4.3/20, mb4.7/8
NEIC 26:21:02:18, 6:0.4, 6:16N:123:92E, h550km, mb4.2/18,
Error ellipse: s-maj=9.4km s-min=6.7km az=58.0

Table with columns: Code, Station Name, Azimuth, Elevation, P, S, AML, M, L, and various numerical values. Includes stations like MYLDM Lahad Datu, TMT Ternate, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, P, S, AML, M, L, and various numerical values. Includes stations like MYLDM Lahad Datu, TMT Ternate, TMT Ternate, etc.

Table with columns: Station Name, Azimuth, Elevation, P, S, AML, M, L, and various numerical values. Includes stations like ASAR Alice Springs, AS01 Alice Springs, HHC Hu-ho-hao-te, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, P, S, AML, M, L, and various numerical values. Includes stations like Honshu Niukaw, JMA 26:21:05:24.9,36:15N:137:45E, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, P, S, AML, M, L, and various numerical values. Includes stations like Honshu Niukaw, JMA 26:21:05:24.9,36:15N:137:45E, etc.

JMA 26:21:41:40.0,36:15N:137:45E, h5km, ML3.1, 2D
Broadband fault plane solution: P waves. NP1:
phi=0.0000°, delta=134.0000°, NP2:
phi=200.0000°, delta=353.0000°, NP3:
phi=343.0000°, delta=143.0000°. Principal axes:
T Pg54.0000°, Azm48.0000°, N Plg36.0000°

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BRVK Borovoye, DZM Mont Dzumac, KKAR Karatay Array, etc.

NIED 27 00:48:00.36±1.0N, 137.50E, h5km, Mw3.6 Best double couple: M2.980000, 1014 NP1: 268.00000, 351.00000, 4.141.00000, NP2: 25.00000, 861.00000, 4.46.00000

JMA 27 00:48:10.0, 36.16N, 137.47E, h5km, Mw3.7, 1C-2D Broadband fault plane solution: P waves, NP1: 269.00000, 870.00000, 131.00000, NP2: 26.00000, 845.00000, 129.00000

T P148.00000, Azm43.00000, N P138.00000, Azm252.00000, Azm145.00000, Azm150.00000, Eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JGN Niukaw, JTT Ttatey, JNG Ntsaki, etc.

NNC 27 00:54:10.4±1.5, 38.96N, 70.95E, h0km, mb4.1, mpv3.8, 8C-6D Error ellipse: s-maj=20.1km s-min=4.0km az=151.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DZET Dzerino, KK31 Karatay Array, etc.

NEIC 27 00:57:04.9±0.2, 93S, 178.37W, h10km, mb4.6/6, Error ellipse: s-maj=12.7km s-min=8.5km az=80.0

ISC/JB 27 00:57:06.8±0.9, 25.02S, 10.1784W, 4.2, h33km, mb4.2/9, Error ellipse: s-maj=21.1km s-min=13.8km az=165.8

ISC 27 00:57:22.7±2.0, 25.93S, 178.50W, h152km, 178km, mb3.4/3, mb1.3.6/4, mb1mx3.4/20, mbtmp3.9/4, ML3.9/1, Error ellipse: s-maj=133.8km s-min=59.3km az=13.0

ISC 27 00:57:08.5±1.0, 25.05S, 0.1x178.4W, 0.2, h35km, n12, 0528/12, mb4.5/9, South of Fiji Islands

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like URZ, HNR Honiara, EIDS, STKA Stephens Creek, etc.

ISC 27 01:11:59.8±7.3, 4.69S, 106.98E, h0km, mb3.5/3, mb1.3.6/3, mb1mx3.3/38, mbtmp3.5/3, Error ellipse: s-maj=396.2km s-min=32.2km az=50.0

ISC/JB 27 01:12:01.0±1.4, 6.75S, 0.1x104.99E, 0.10, h49km, mb3.6/3, Error ellipse: s-maj=24.2km s-min=6.6km az=32.1

DJA 27 01:12:01.4±1.5, 7.16S, 16.1x10.5E, 1.2, h24km, 11km, M3.8/6, ML3.8/6

ISC 27 01:12:02.0±1.8, 6.6S, 0.2x105.0E, 0.1, h49km, n15, 0583/13, mb3.7/3, Sunda Strait

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CGJI Cibinong, KASI Kota Agung, SKUI Sukabumi, etc.

ISC/JB 27 01:17:22.8±0.3, 26.31N, 0.06x124.93E, 0.05, h205km, 5km, mb3.6/14, Error ellipse: s-maj=12.5km s-min=3.7km az=146.1

JMA 27 01:17:25.0±0.3, 26.45N, 124.74E, h176km, M3.9, IDC 27 01:17:25.3±1.5, 27.37N, 124.94E, h214km, 15km, mb3.4/14, mb1.3.6/17, mb1mx3.4/40, mbtmp4.0/17, Error ellipse: s-maj=18.3km s-min=11.6km az=63.0

ISC 27 01:17:23.9±0.7, 26.35N, 0.07x124.89E, 0.06, h204km, 7km, n41, 01949/66, mb3.7/14, Northeast of Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JIKM Ikemajima, JIRB Irbujima, JIMJ Miyako jima, etc.

JOW Kuniyama 3.06 80 P Pn 01 18 15.1 +0.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JOW Kuniyama, JOKE Okinoerabujima, JOKE Tokunoshima, etc.

CMAR Chiang Mai Arr 25.21 257 P P 01 22 32.1 +1.1

SONR Songino Array 25.90 319 P P 01 22 38.1 +0.9

MKAR Makanchi Array 39.23 313 P P 01 24 32.9 +0.4

ZALV Zalesovo Beam 40.36 324 P P 01 24 41.8 +0.1

WRA Warrungunga Arr 46.92 169 P P 01 25 34.2 0.0

BVAR Borovoye Array 48.20 319 P P 01 25 42.8 -0.9

ASAR Alice Springs 50.48 169 P P 01 26 17.7 +0.4

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

MEX 27 01:22:21.9±0.6, 13.85N, 91.166W, h63km, 30km, MD3.9, Near coast of Guatemala

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

IDC 27 01:57:48.8±1.5, 3.65N, 127.30E, h0km, mb3.6/4, mb1.3.7/4, mb1mx3.5/39, mbtmp3.6/4, Error ellipse: s-maj=141.4km s-min=22.0km az=69.0, Talaud Islands

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

IDC 27 01:56:18.7±1.5, 15.41S, 172.93W, h0km, mb3.7/3, mb1.4.0/3, mb1mx3.6/30, mbtmp3.7/3, MS3.8/1, Ms1.3.8/1, ms1mx2.9/28, Error ellipse: s-maj=393.3km s-min=24.2km az=139.0, Samoa Islands region

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

JMA 27 02:22:59.4, 36.15N, 137.44E, h5km, 1km, M3.1, 2D Broadband fault plane solution: P waves, NP1: 269.00000, 847.00000, 131.00000, NP2: 26.232.00000, 843.00000, 140.00000, Principal axes: T P163.00000, Azm241.00000, N P167.00000, Azm45.00000, P P162.00000, Azm135.00000, Eastern Honshu

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

TIR 27 02:45:04.2±1.9, 42.18N, 20.53E, h8km, 15km, ML3.5, IDC 27 02:45:07.8±0.9, 42.10N, 20.47E, h0km, mb3.5/5, mb1.3.6/12, mb1mx3.4/48, mbtmp3.5/12, ML3.0/6, MS2.8/2, Ms1.2.8/2, ms1mx2.4/48, Error ellipse: s-maj=15.4km s-min=1.9km az=171.0

ISC/JB 27 02:45:07.2±0.3, 42.12N, 0.01x20.50E, 0.02, h1km, 2km, mb3.6/4, Error ellipse: s-maj=2.2km s-min=1.9km az=31.7

SKO 27 02:45:08.5, 42.11N, 20.51E, h2km, M2.5, ML3.3, PDG 27 02:45:08.0±0.3, 42.14N, 20.49E, h1km, MD3.3/4, ML3.3/12, Error ellipse: s-maj=0.4km s-min=0.4km az=0.0

CSEM 27 02:45:08.1±0.1, 42.11N, 20.48E, h2km, ML3.5, Error ellipse: s-maj=2.8km s-min=2.2km az=29.0

BEO 27 02:45:08.6±0.2, 42.06N, 20.55E, h0km, M2.9/1, THE 27 02:45:09.9, 42.08N, 20.67E, h0km, 3km, ML3.2/6, Error ellipse: s-maj=5.8km s-min=1.6km az=325.0

LDG 27 02:45:11.4, 42.22N, 20.69E, h30km, PRU 27 02:45:12.2, 42.33N, 20.77E, h1km, SOF 27 02:45:14.3, 42.28N, 21.00E, h15km, MD3.3

ISC 27 02:45:08.0±1.0, 42.10N, 0.01x20.50E, 0.01, h8km, 7km, n212, 01922/296, mb3.6/4, 4.2C-2D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ZATK Zatriq, PEUK Peje, PVY Plav, etc.

BEY Berane 0.90 330 P/Pg P 02 45 24.2 -1.1

BEY Berane 0.90 330 P P 02 45 24.5 -0.8

BEY Berane 0.90 330 P/Pg P 02 45 24.2 -1.1

ULC Ulcinj 0.95 262 P/Pg P 02 45 25.7 -0.5

ULC Ulcinj 0.95 262 P/Pg P 02 45 25.7 -0.5

ULC Ulcinj 0.95 262 P/Pg P 02 45 25.7 -0.5

PDG Podgorica 0.98 290 P/Pg P 02 45 25.8 -1.1

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BUM Brajici-Budva, SJES Sjenica, CEME Cevo, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KAPI Kappang, NLAI Namla, FITZ Fitzroy Cross, etc.

ISCJJB 27 03:03:25.6:0.4, 0.25N:0.05E:122.19E:0.04, h186km, 3km, mb3.9/7, Error ellipse: s-maj=8.5km s-min=6.7km

ISCJJB 27 03:13:49.9:6.0, 36.19N:71.45E, h96km, 51km, mb3.4/6, Mb1 3.4/1, mb1mx3.1/54, mbtmp3.7/11, MS4-3.1, Ms1 4.3/1, ms1mx2.6/41, Error ellipse: s-maj=59.4km s-min=36.1km az=137.0

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

IDC 27 05:56:16.8:3.0, 35:02S; 179:62W, h0km, mb4.0/2, mb1.4, 2.3, mb1mx3.8/25, mbtmp4.0/3, ML3.6/1, Error ellipse: s-maj=70.9km s-min=45.0km az=128.0

ISC 27 05:56:26.2:6.0, 35:14S; 0:1, 179:9W, 0.2, h43km, n15, c094/19, East of North Island

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like MXZ Matakaoa Point, WNGZ Watomatini S, etc.

JMA 27 06:20:07.7:0.6, 21:47N; 122:25E, h0km, M4.0 TAP 27 06:20:09.8, 21:42N; 122:29E, h16km, ML3.8, 0.1

ISC 27 06:20:09.3:1.9, 21:43N; 0:09, 122:31E; 0:04, h11km, n11km, n47, c1934/82, 1D, Taiwan region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like LAY Lan-yu, TSEB Hengchun, TWK1 Hengchun, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like YUS Yu-Shan, CHN4 Tashan, TWK Hsinying, etc.

IDC 27 06:36:40.7:11.0, 6:44S; 128:13E, h394km, 149km, mb3.3/3, mb1.3, 2.5, mb1mx2.9/34, mbtmp3.9/5, Error ellipse: s-maj=111.5km s-min=56.7km az=65.0, Banda Sea

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

IDC 27 06:58:12.6:6.1, 37:48N; 72:10E, h183km, 54km, mb3.1/1, mb1.3, 0.7, mb1mx2.7/67, mbtmp3.6/7, Error ellipse: s-maj=65.6km s-min=39.6km az=150.0

ISCJCB 27 06:58:14.0:1.3, 37:7N; 0:1, 72:02E; 0:10, h200km, mb3.3/1, Error ellipse: s-maj=15.4km s-min=9.1km az=152.7

NNC 27 06:58:16.3:3.4, 37:95N; 72:18E, h0km, mb3.9, mpv3.5, Error ellipse: s-maj=32.1km s-min=10.5km az=155.0

ISC 27 06:58:14.2:1.6, 37:7N; 0:1, 72:1E; 0:1, h200km, n11, c1538/16, 5C-3D, Tajikistan

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like DZET Dzerino, AAK Ala-Archa, etc.

HEL 27 07:12:06.2:0.3, 67:87N; 19:96E, h0km, ML1.8, Explosion ISCJCB 27 07:12:06.8:0.7, 67:77N; 0:03, 20:50E; 0:10, h0km, Error ellipse: s-maj=5.9km s-min=4.3km az=143.9

CSEM 27 07:12:07.2:0.7, 67:80N; 20:34E, h2km, ML1.5, Error ellipse: s-maj=14.5km s-min=6.8km az=56.0, Mining explosion

NAO 27 07:12:08.5:1.6, 67:87N; 20:54E, ML2.3 IDC 27 07:12:09.7:1.2, 67:81N; 20:38E, h0km, mb1.2, 9/3,

mb1mx2.8/41, mbtmp2.8/3, ML2.5/3, Error ellipse: s-maj=18.4km s-min=9.0km az=114.0 BER 27 07:12:10.4:3.4, 67:90N; 20:29E, h0km, ML1.5, ML2.3(NAO), Suspected explosion

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

27d 8h

2.5m, 1.0s, baz=19, slow=8.9, SNR=4.8

IDC 27 07:42:15.1±8.6, 30.53Sx178.08W, h0km, mb3.5/2, mb1 3.8/2, mb1mx3.6/39, mbtmp3.5/2, Error ellipse: s-maj=369.7km s-min=54.4km az=156.0, Kermadec Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations ASAR Alice Springs, WRA Warramunga Arr, FINES FINESS Array B.

CSEM 27 07:44:55.0±0.6, 42.71N, 18.85E, h5km, ML1.7, Error ellipse: s-maj=11.3km s-min=8.3km az=173.0

BEO 27 07:44:57.1±0.5, 42.59N, 18.91E, h0km, M1.7/3, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations PDG Podgorica, STON Ston, SJSJ Sjenica, BBLs Lazij#263;i, DIVS Divibare.

MOS 27 08:00:17.1±1.0, 55.20N, 110.84E, h13km, mb4.3/1, Error ellipse: s-maj=16.8km s-min=10.1km az=74.6

BYKL 27 08:00:18.0±0.2, 55.22N, 110.81E, h15km, 4km, ISC 27 08:00:17.3±1.1, 55.24N, 110.80E, 0.02, h8km, 9km, n37, 1996/69, 9C-3D, Lake Baykal region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations YLYR Ulyunkhan, KMO Kumora, NIZ Nizh Angarsk, UOYAN Uoyan, SUVO Suvo.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations SVKR Severomuyusk, SVKR Severomuyusk, SVKR Severomuyusk, SVKR Severomuyusk.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations OGRG Ogunyery, OGRG Ogunyery, OGRG Ogunyery, OGRG Ogunyery.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations NLYR Nelyaty, NLYR Nelyaty, NLYR Nelyaty, NLYR Nelyaty.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations OGRG Ogunyery, OGRG Ogunyery, OGRG Ogunyery, OGRG Ogunyery.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations ARLS Aral, ARLS Naryn, NRN Naryn, BTk Batken.

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Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations NLYR, BOD Bodaibo, ZRHH Zarechye, TYRGT Tyrgan.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations HRMR Khuramsha, HRMR Khuramsha, HRMR Khuramsha, HRMR Khuramsha.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations IRK Irkutsk, LSTR Listvyanka, TUP Tupik, TUP Tupik.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations TLY Talaya, KPC Khapcheranga, KPC Khapcheranga, KPC Khapcheranga.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations ARS Arshan, ZAK Zakamensk, ZAK Zakamensk, ZAK Zakamensk.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations MOY Mondy, MOY Mondy, MOY Mondy, MOY Mondy.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations ORL Orlik, ORL Orlik, ORL Orlik, ORL Orlik.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations ARLS Aral, ARLS Naryn, NRN Naryn, BTk Batken.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations ARLS Aral, ARLS Naryn, NRN Naryn, BTk Batken.

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Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations TOKL Toktogul, AML Almayashu, AML Almayashu, KZA Kyzart.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations UCH Uchitor, ARK Arkit, AAK Ala-Archa, AAK Ala-Archa.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations BOOM Booms koye usch, BOOM Booms koye usch, TKM2 Tokmak 2, DZET Dzerhino.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations KK31 Karatay Array, KK31 Karatay Array, KK31 Karatay Array, KK31 Karatay Array.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations JCJ Chichijima, MJAR Matsushiro Arr, KSRS Korea Array, ASAJ Asahikawa.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations SONM Songino Array, WRA Warramunga Arr, ASAR Alice Springs, ZALV Zalesovo Beam.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations MKAR Makanchi Array, ILAR Eielson Array, BVAR Borovoye Array, YKA Yellowknife Arr.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations FINES FINESS Array B, FINES FINESS Array B, FINES FINESS Array B, FINES FINESS Array B.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations BARC Barichara, BARC Barichara, RUSC La Rusia, GRMC Gramalote, San.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Prado, Villa de la Rosa, Quebrada Arrib, Sanarito, Curarigua, etc.

ISCJB 27 08:36:26.5±0.8, 24°89'N, 0°05'121.91E, 0°03, h108km, 5km, Error ellipse: s-maj=7.7km s-min=3.9km az=163.9

TAP 27 08:36:26.2±0.4, 24°91'N, 121°91'E, h112km, 1km, ML3.3, B JMA 27 08:36:26.0±0.2, 24°82'N, 121°86'E, h109km, 2km, M2.6

ISC 27 08:36:26.7±1.9, 24°89'N, 0°07'121.91E, 0°04, h108km, 10km, n37, o51, 64, 3C, 24, Taiwan

Main table of station data for the 1335 event, listing codes, station names, and coordinates for various stations like EGS, TWB1, NWF, etc.

MEX 27 08:43:29.6±0.4, 13°97'N, 91°87'W, h20km, MD3.5, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like PCIG, Comitan, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like PCIG, Comitan, etc.

ISCJB 27 08:59:19.9±1.1, 43°43'N, 0°08'146°50'E, 0°08, h81km, 8km, Error ellipse: s-maj=14.6km s-min=5.9km az=146.0

JMA 27 08:59:21.0±0.2, 43°43'N, 146°44'E, h81km, 2km, M3.0 SKHL 27 08:59:21.0±0.4, 43°45'N, 146°51'E, h83km, 1km, mb3.4/3, msh5.1/3

ISC 27 09:20:21.9, 43°40'N, 0°09'146°54'E, 0°07, h80km, 12km, n12, o58, 73, 2D, Kuril Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like SHO, Shikotan, etc.

ISCJB 27 09:05:59.0±0.3, 63°94'N, 0°03'22°02'W, 0°04, h11km, 2km, mb3.5/6, MS3.6/10, Error ellipse: s-maj=4.3km s-min=2.7km az=170.4

CSEM 27 09:05:59.5, 63°93'N, 22°04'W, h5km, ML3.3 REY 27 09:05:59.5, 63°93'N, 22°04'W, h5km

IDD 27 09:05:59.6±1.0, 64°00'N, 21°88'W, h0km, mb3.6/6, mb1.3/9.6, mb1mx3.5/36, mbtmp3.6/6, MS3.6/13, Ms1.3.6/13, ms1mx3.2/52, Error ellipse: s-maj=21.1km s-min=10.5km az=104.0

ISC 27 09:06:00.4±0.8, 63°94'N, 0°02'22°01'W, 0°02, h6km, 5km, n61, o19, 25, 89, mb3.5/6, MS3.5/10, Iceland region

Main table of station data for the 2011 FEB event, listing codes, station names, and coordinates for various stations like IKRI, Krysuvik, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like IGVY, Gygarholkskot, etc.

BORG Borgarnes 0.87 20 Pg 111nm, 0.3s, baz=194, slow=5.7, SNR=21.3

BORG comp=Z, 384nm, 20.9s, baz=282, slow=20

IASB 639nm, 0.3s, baz=308, slow=19, SNR=11.2

IASB baz=20 sbjarnarst 0.87 20 P

IHAU Haukadalur 0.90 87 P

IHAU baz=87 Haukadalur 0.90 87 P

IVES Vestmannaeyjar 0.91 122 P

IVES baz=121 Vestmannaeyjar 0.91 122 P

ISMJ Smjorgill 1.08 103 P

ISMJ baz=102 Scoresbysund 6.58 0 i P

SCJ Jan Mayen 8.75 30 LR comp=Z, 215nm, 18.6s, baz=250, slow=32

SFJD Kangerlussuaq 12.21 297 LR comp=Z, 207nm, 20.5s, baz=256, slow=34

ARCES ARCESS Array B 19.13 52 LR comp=Z, 146nm, 18.4s, baz=268, slow=33

FRB Frobisher Bay 20.17 291 LR comp=Z, 160nm, 18.4s, baz=268, slow=37

FINES FINES Array B 21.79 74 P 2.2nm, 0.9s, baz=356, slow=16, SNR=2.5

FINES comp=Z, 156nm, 20.5s, baz=6.0, slow=25

NKC Novy Kostel 22.84 111 eP

KHC Kasperske Hory 24.16 111 eP

KHC Dobruska-Polom 24.38 106 eP

GERES GERES Array B 24.43 111 LR comp=Z, 69nm, 20.2s, baz=305, slow=40

RES Resolute Bay 25.92 324 LR comp=Z, 124nm, 18.3s, baz=202, slow=35

ESDC Sonseca Array 26.54 148 P 0.6nm, 0.6s, baz=343, slow=8.1, SNR=4.5

YKA Yellowknife Ar 38.25 311 P 0.4nm, 0.9s, baz=46, slow=8.5, SNR=5.7

AKTO Aktyubinsk 42.38 69 LR comp=Z, 84nm, 18.8s, slow=35

GNI Gani 44.78 89 LR comp=Z, 73nm, 18.9s, baz=339, slow=35

ILAR Eielson Array 45.39 330 P 0.4nm, 0.9s, baz=27, slow=6.2, SNR=4.8

DLBC Dease Lake 46.28 316 LR comp=Z, 77nm, 19.6s, baz=193, slow=36

BBB Bella Bella 50.84 310 LR comp=Z, 146nm, 19.8s, baz=26, slow=38

PDAR Pinedale Array 51.62 290 P 1.2nm, 0.8s, baz=51, slow=5.9, SNR=12

PDAR comp=Z, 51nm, 19.2s, baz=44, slow=34

TORD Torod Ar. Bea 53.36 151 P 5.0nm, 0.8s, baz=341, slow=8.2, SNR=9.0

NVAR Yellowknife Ar 58.85 294 LR comp=Z, 106nm, 19.3s, baz=267, slow=36

DDA 27 09:21:56.1, 41°42'N, 43°64'E, h7km, Md3.1

ISCJB 27 09:21:57.0±0.8, 41°39'N, 0°03'43°67'E, 0°04, h9km, 6km, Error ellipse: s-maj=6.0km s-min=4.4km az=154.4

CSEM 27 09:21:57.1±0.2, 41°39'N, 43°66'E, h5km, ML2.9, Error ellipse: s-maj=4.0km s-min=3.1km az=143.0

TIF 27 09:21:57.0, 41°42'N, 43°7'E, h10km, 1km

ISC 27 09:21:57.3±0.9, 41°38'N, 0°04'43°66'E, 0°02, h13km, 6km, n20, o54, 43, 7, Turkey-Georgia-Armenia border region

Main table of station data for the 27d 9h event, listing codes, station names, and coordinates for various stations like AKH, Akhalkalaki, etc.

CSEM 27 09:23:29.3, 34°41'N, 36°64'E, h16km, ML1.6

NSCC 27 09:23:29.3±1.2, 34°41'N, 36°64'E, h17km, 5km, MD0.9, ML1.6, Jordan-Syria region

27d 10h

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KURK Kurchatov, YKAY Yellowknife Arr, JAY Jayapura, BRVK Borovoye, CMAR Chiang Mai Arr, etc.

2011 FEB

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like VYHS Vyhne, YVHS Vyhne, MLR Muntele Rosu, PRU Pruhonice, etc.

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Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like KTMS Ketmen, DJR Jarkent, MK31 Makanchi Array, etc.

SNA4	Snaae	59.40 161	P	P	11 22 14.3	-0.1
SNA4	Snaae	59.40 161	eP	P	11 22 14.7	+0.4
JSC	Jenkinsville	59.46 346	eP	P	11 22 16.1	+1.0
LRAL	Lakeview Retre	59.73 300	eP	P	11 22 16.8	-0.6
933A	Laredo	60.03 327	P	P	11 22 19.8	+0.7
736A	Circle Diamond	60.08 329	P	P	11 22 20.9	+1.5
834A	Tilden	60.09 328	P	P	11 22 20.7	+1.2
538A	Harpers Horsep	60.44 331	P	P	11 22 23.3	+1.4
636A	Smothers Creek	60.52 330	P	P	11 22 23.4	+1.0
439A	Center Grove,	60.62 332	P	P	11 22 24.4	+1.3
833A	Chaparral WMA,	60.68 327	P	P	11 22 24.5	+1.0
635A	Leesville	60.77 329	P	P	11 22 24.1	0.0
832A	Faith Ranch, C	60.94 326	P	P	11 22 25.7	+0.4
241A	Mo Tay, Golden	60.95 335	P	P	11 22 26.6	+1.3
733A	Divot King Ran	60.95 327	P	P	11 22 25.3	0.0
535A	Dale	61.22 330	P	P	11 22 26.8	-0.4
CPCT	Cooper Cave	61.35 344	eP	P	11 22 27.4	-0.6
TKL	Tuckaleechee C	61.36 344	eP	P	11 22 27.9	-0.1
NATX	Nacogdoches	61.42 333	P	P	11 22 29.3	+0.9
141A	Papa Simpson,	61.46 335	P	P	11 22 29.2	+0.6
436A	Wall Ranch, Ga	61.49 331	P	P	11 22 29.7	+0.8
633A	Saathoff Ranch	61.51 328	P	P	11 22 29.5	+0.4
SWET	Sewanee	61.51 342	eP	P	11 22 28.6	-0.5
337A	Centerville	61.56 332	P	P	11 22 30.9	+1.6
534A	Blanco	61.64 329	P	P	11 22 29.9	-0.1
140A	Cam and Jess,	61.75 334	P	P	11 22 31.7	+1.0
435B	Jarrell	61.86 330	P	P	11 22 31.8	+0.4
OXF	Oxford	61.92 339	eP	P	11 22 30.8	-0.9
533A	Kerrville	61.94 328	P	P	11 22 32.0	-0.1
336A	Riesel	62.04 331	P	P	11 22 33.2	+0.7
434A	Burnet	62.20 329	P	P	11 22 33.6	-0.2
335A	Moody	62.21 330	P	P	11 22 34.2	+0.4
Z40A	Long Farm, Mag	62.23 335	P	P	11 22 34.5	+0.7
WLAR	White Oak Lake	62.50 335	eP	P	11 22 36.9	+1.4
433A	Art	62.54 329	P	P	11 22 36.0	+0.1
137A	Heron Place, G	62.60 333	P	P	11 22 36.9	+0.6
334A	Lometa	62.62 330	P	P	11 22 36.5	0.0
JCT	Junction City	62.65 328	P	P	11 22 36.9	+0.2
JCT	Junction City	62.65 328	eP	P	11 22 37.6	+0.9
WHTX	Lake Whitney,	62.82 331	P	P	11 22 38.1	+0.3
WHTX	Lake Whitney,	62.82 331	eP	P	11 22 37.9	+0.1
Y40A	Okolona	62.85 335	P	P	11 22 38.8	+0.1
333A	Richland Sprin	62.96 329	P	P	11 22 38.3	+0.1
Y39A	Lockesburg	63.10 335	P	P	11 22 39.7	+0.2
X40A	Basin Creek Fa	63.10 336	P	P	11 22 39.5	-0.1
234A	Clairette	63.14 330	P	P	11 22 40.2	+0.4
Y38A	Isabel	63.34 334	P	P	11 22 41.0	-0.1
MIAR	Mount Ida	63.43 335	P	P	11 22 41.9	+0.1
MIAR	Mount Ida	63.43 335	eP	P	11 22 41.8	+0.1
Z36A	Blue Ridge	63.47 332	P	P	11 22 42.4	+0.4
233A	Rising Star	63.50 330	P	P	11 22 42.4	+0.1
X39A	Fountain Ranch	63.61 335	P	P	11 22 43.7	+0.8
WHAR	Wooly Hollow	63.62 337	eP	P	11 22 42.7	-0.2
TXAR	Lajitas Array	63.70 324	P	P	11 22 44.2	+0.5
TX31	Lajitas Ar. Si	63.70 324	eP	P	11 22 44.4	+0.7
Y37A	Hugo	63.74 333	eP	P	11 22 44.8	+1.0
W40A	Ferguson Farm,	63.82 336	P	P	11 22 44.7	+0.5
PARMO	Parma	64.00 340	eP	P	11 22 45.8	+0.4
133A	Hamilton Ranch	64.00 330	P	P	11 22 45.8	+0.3
X38A	Whitesboro	64.03 334	P	P	11 22 46.4	+0.8
W39A	Magazine	64.09 336	P	P	11 22 46.9	+1.0
MV9L	Millersville	64.17 352	eP	P	11 22 47.1	+0.7
X37A	Clayton	64.17 334	P	P	11 22 47.2	+0.6
Z34A	Collier Ranch,	64.20 331	P	P	11 22 47.2	+0.4
Y35A	Poteau	64.26 335	P	P	11 22 48.1	+1.0
W38A	Marietta	64.27 332	P	P	11 22 48.2	+1.0
PBMO	Poplar Bluff	64.33 339	eP	P	11 22 47.4	0.0
WCI	Wyandotte Cave	64.44 343	eP	P	11 22 47.1	-1.2
Z33A	Whitaker Ranch	64.50 331	P	P	11 22 49.1	+0.4
X36A	Centrahoma	64.56 333	P	P	11 22 49.1	+0.1
Y39A	Pettigrew	64.61 336	P	P	11 22 49.5	+0.1
Y34A	Reagan Ranch,	64.63 332	P	P	11 22 49.7	+0.2
X35A	Drake	64.67 333	P	P	11 22 49.6	-0.2
U40A	Yellville	64.78 337	P	P	11 22 50.3	-0.1
SIUC	Southern Hill	64.80 340	eP	P	11 22 50.2	-0.3
V38A	Canehill	64.91 335	P	P	11 22 51.2	-0.1
W36A	Wetumka	65.00 334	P	P	11 22 51.9	0.0
N59A	State Game Lan	65.00 352	P	P	11 22 51.8	0.0
SSPA	Standing Stone	65.01 351	eP	P	11 22 52.3	+0.5
U39A	Green Forest	65.03 336	P	P	11 22 52.1	0.0
ODNJ	Ogdenburg	65.04 353	eP	P	11 22 52.3	+0.3
HHAR	Hobbs	65.11 336	eP	P	11 22 52.7	+0.1
X34A	Smith Ranch, M	65.21 332	P	P	11 22 53.6	+0.3
V37A	Hulbert	65.21 335	P	P	11 22 53.7	+0.4
T40A	Mansfield	65.37 338	P	P	11 22 54.2	-0.1
BLO	Bloomington	65.39 343	eP	P	11 22 53.5	-0.8

U38A	Gravette	65.41 336	P	P	11 22 54.5	-0.1
V36A	Jenks	65.45 334	P	P	11 22 55.0	+0.3
X33A	Lawton	65.45 331	P	P	11 22 53.9	-0.9
TUL1	Leonard	65.49 334	P	P	11 22 55.0	-0.1
T39A	Cleaver	65.56 337	P	P	11 22 55.6	+0.1
S40A	Lebanon	65.77 338	P	P	11 22 56.7	0.0
V35A	Meyer Ranch, C	65.79 333	P	P	11 22 56.6	-0.4
T38A	Diamond	65.91 336	P	P	11 22 57.9	+0.2
W33A	Caddo, Fort Co	65.95 332	P	P	11 22 58.6	+0.5
V34A	Guthrie	66.13 333	P	P	11 22 58.4	-0.7
S39A	Bolivar	66.14 337	P	P	11 22 59.3	+0.1
M54A	Oil Creek Stat	66.14 349	P	P	11 22 59.6	+0.5
T37A	Cheneyville 18	66.22 336	P	P	11 22 59.9	+0.3
W32A	Sentinel	66.27 331	P	P	11 23 00.2	+0.2
U35A	Pawnee	66.27 334	P	P	11 23 00.2	+0.2
S38A	Stockton	66.29 337	P	P	11 23 00.1	0.0
BINY	Binghamton	66.29 353	eP	P	11 23 00.9	+0.9
R40A	Maddies Statio	66.31 338	P	P	11 23 00.9	-0.3
V33A	Ossen Ranch,	66.44 332	P	P	11 23 01.2	0.0
MNTX	Cornudas Mount	66.47 325	P	P	11 23 01.3	-0.1
MNTX	Cornudas Mount	66.47 325	eP	P	11 23 01.2	-0.1
T36A	Boggs Farm, C	66.53 335	P	P	11 23 01.7	+0.1
R39A	Chumby, Stover	66.59 338	P	P	11 23 02.1	+0.1
T35A	Sooner Cattle	66.65 334	P	P	11 23 02.6	+0.2
U34A	Anderson Ranch	66.65 333	P	P	11 23 02.6	+0.2
U34A	Anderson Ranch	66.65 333	eP	P	11 23 03.0	+0.5
V32A	Arapaho	66.68 332	P	P	11 23 02.9	+0.2
S37A	Fort Scott	66.75 336	P	P	11 23 03.1	+0.1
R38A	Fenwick Farm,	66.79 337	P	P	11 23 03.3	0.0
Q40A	Laux Farm, Aux	66.88 339	P	P	11 23 03.7	-0.1
MSTX	Muleshoe	66.94 328	P	P	11 23 04.6	+0.2
MSTX	Muleshoe	66.94 328	eP	P	11 23 04.7	+0.2
S36A	Lake Cedric, C	67.00 335	P	P	11 23 04.8	+0.2
T34A	McClaskey Farm	67.02 334	P	P	11 23 05.0	+0.3
AMTX	Amarillo	67.17 329	P	P	11 23 04.9	-0.9
LIC	Lamto	67.20 72	ePKIKP	P	11 23 07.1	+0.7
Q39A	Willow Grove F	67.23 338	P	P	11 23 05.9	0.0
R37A	Teagarden Farm	67.23 336	P	P	11 23 05.9	-0.2
P40A	Paris	67.36 339	P	P	11 23 06.3	-0.4
Q38A	Cooks Store, C	67.38 338	P	P	11 23 06.8	-0.1
TIC	Toumodi	67.41 71	ePKIKP	P	11 23 07.4	-0.3
HDIL	Hopedale	67.44 342	P	P	11 23 06.4	-0.9
R36A	Gordon, Harris	67.49 336	P	P	11 23 07.6	-0.1
KIC	Kosan Boka	67.52 72	ePKIKP	P	11 23 07.0	-1.4
P39A	Salisbury	67.55 338	P	P	11 23 07.6	-0.4
DBIC	Dimbokro	67.57 71	P	P	11 23 07.0	-1.6
DBIC	Dimbokro	67.57 71	eP	P	11 23 07.3	-1.3
Q37A	Longview Farm,	67.59 337	P	P	11 23 08.3	0.0
O40A	La Belle	67.83 339	P	P	11 23 09.2	-0.5
P38A	Dawn	67.94 338	P	P	11 23 10.2	-0.2
R34A	Isabella, Hill	68.14 335	P	P	11 23 11.9	+0.1
Q35A	Merger Eighty	68.16 336	P	P	11 23 11.8	-0.1
Q39A	Kirkville	68.17 339	P	P	11 23 11.5	-0.4
P37A	Lathrop	68.19 337	P	P	11 23 11.5	-0.5
Q38A	Galt	68.36 338	P	P	11 23 12.8	-0.3
121A	Cooper Peak, D	68.40 323	P	P	11 23 15.4	+1.7
P36A	Good Intent, A	68.53 337	P	P	11 23 13.5	-0.6
Q34A	Chapman	68.56 335	P	P	11 23 14.3	-0.1
KSU1	Kansas State U	68.59 335	P	P	11 23 14.0	-0.5
KSU1	Kansas State U	68.59 335	eP	P	11 23 14.4	-0.1
O37A	Wolven Farm, M	68.63 338	P	P	11 23 14.6	-0.1
N39A	Derby Farms, D	68.72 339	P	P	11 23 14.9	-0.4
P35A	Duane Minner,	68.74 336	P	P	11 23 15.4	0.0
R32A	Long Quarry,	68.83 334	P	P	11 23 16.1	0.0
PKME	Peas-Kenny Pk	68.85 358	eP	P	11 23 16.1	+0.2
T29A	Hugoton	68.87 331	P	P	11 23 16.5	+0.2
N38A	Joes South For	68.89 339	P	P	11 23 15.8	-0.5
O36A	Bolkow	68.89 337	P	P	11 23 15.8	-0.5
P34A	Walnut Farm, R	69.06 336	P	P	11 23 17.6	+0.2
LPM	Los Pinos Moun	69.16 325	eP	P	11 23 19.8	+1.5
S29A	Ulysses	69.18 331	P	P	11 23 18.8	+0.5
N37A	Lee Faris, Mou	69.18 338	P	P	11 23 18.1	0.0
PLVO	Plevna	69.23 352	eP	P	11 23 19.6	+1.3
SADO	Sadova	69.24 351	eP	P	11 23 18.4	0.0
Q32A	Meitler Ranch,	69.26 334	P	P	11 23 18.7	+0.1
Q35A	Humboldt	69.35 337	P	P	11 23 18.0	-1.1
M38A	Pleasantville	69.43 339	P	P	11 23 21.2	-0.4
LAZ	Ladron	69.49 325	eP	P	11 23 22.2	+1.8
S28A	Manter	69.50 331	P	P	11 23 21.0	+0.8
ANMO	Albuquerque	69.56 326	P	P	11 23 22.0	+1.2
ANMO	Albuquerque	69.56 326	eP	P	11 23 22.2	+1.4
O34A	Albuquerque	69.56 336	P	P	11 23 20.6	+0.1
CBKS	Cedar Bluff	69.59 333	P	P	11 23 21.0	+0.3
CBKS	Cedar Bluff	69.59 333	eP	P	11 23 21.9	+1.2
M37A	Trindle Farm,	69.71 338	P	P	11 23 21.3	0.0
N35A	Tabor	69.78 337	P	P	11 23 21.4	-0.3

O33A	Hebron	69.81 335	P	P	11 23 22.2	+0.2
P32A	Huiting Farm,	69.81 334	P	P	11 23 22.3	+0.3
R29A	Marienthal	69.86 332	P	P	11 23 23.0	+0.6
JFWS	Jewell Farm	69.89 342	eP	P	11 23 22.1	-0.3
Q30A	Quinter	69.93 333	P	P	11 23 23.4	+0.6
M36A	Felix, Anita	70.00 338	P	P	11 23 23.2	0.0
L38A	Oak Wood Farm,	70.01 340				

27d 11h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like ALOL, LOMAS DE OLMED, FSA, etc.

2011 FEB

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like Z33A, WCI, WCI, etc.

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Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like SADO, N36A, PLVO, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other technical details. Includes stations like WMIGZ, KRHZ, MHGZ, etc.

TEH 27 13:18:25.4, 34.46N, 47.80E, h3km, ML4.0
THR 27 13:18:25.3, 0.8, 34.72N, 48.02E, h35km, 6km, ML4.0
CSEM 27 13:18:25.1, 0.3, 34.49N, 47.82E, h2km, ML4.0, Error ellipse: s-maj=10.0km s-min=6.9km az=33.0
IDC 27 13:18:31.6, 2.8, 34.42N, 47.93E, h64km, 26km, mb3.2/12, mb1 3.5/18, mb1mx3.4/41, mbtmp3.7/18, ML3.6/5, MS3.1/5,

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other technical details. Includes stations like IBZA, IBZB, IBZC, etc.

NSR Nassriya 3.79 203 eSN x 13 20 23.0
NSR Nassriya 3.79 203 eSN Pn 13 20 23.0 -1.5
NSR SNR=3.0 eSN S 13 20 00.5 -9.1
IHRH Heris 3.86 350 ePN Pn 13 19 26.8 +1.2
IHRH Heris 3.86 350 ePN Pn 13 19 26.8 +1.2

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other technical details. Includes stations like IHRH, ITBZ, IZEF, etc.

WEL 27 13:18:58.6, 0.1, 43.57S, 172.63E, h6km, 1km, ML3.0/4, 2C, Error ellipse: s-maj=1.1km s-min=0.6km az=90.0, South Island
Code Station Name Azimuth Elevation Phase ID Time Res

27d 15h

Table with columns: LTZ, Lake Taylor, 0.83 342, P*, Pb, 13 19 15.1 -0.4, AML, AML, 13 19 27.9, AML, AML, 13 19 27.9, Pn, 13 19 21.5 +0.2

MAN 27 13:21:57, 9.17N; 126.41E, h26km, mb4.6, ML3.5, MS3.4, 2C-10, Mindanao
Code Station Name Az AZZ Phase ID Time Res
BUTP Butuan 0.80 256 eP Pn 13 22 13.4 +0.7

ISK 27 13:49:40.4, 39.99N; 36.13E, h5km, MD2.8
CSEM 27 13:49:41.6, 0.4, 4.03; 36.09E, h8km, MD2.9, Error
ellipse: s-maj=9.2km s-min=5.3km az=12.0

Code Station Name Az AZZ Phase ID Time Res
CUSAR Sarkisla-SIVAS 0.63 167 iP Pp 13 49 53.3 +0.1
CUSAR Sarkisla-SIVAS 0.63 167 iS Pp 13 50 03.9 +0.2
CUSAR Sarkisla-SIVAS 0.63 167 iS Pp 13 49 54.3 +0.1

FUNV 27 13:55:42.4, 8.21N; 72.06W, h5km, MW3.8
ISCJB 27 13:55:43.1, 1.3, 8.2; 71.93W, 0.03, h10km, 9km,
Error ellipse: s-maj=7.5km s-min=3.9km az=148.9

Code Station Name Az AZZ Phase ID Time Res
GIVG El Vigia 0.79 461 eP Pp 13 55 59.2 +0.4
WCV Villavieja 1.36 245 eP Pp 13 56 12.5 +0.8
GRMC Gramalote, San 0.95 245 eP Sb 13 56 14.3 +0.7

Code Station Name Az AZZ Phase ID Time Res
SANTO Domingo 1.42 65 iP Pn 13 56 10.0 +0.3
SDV Santo Domingo 1.42 65 iS Pn 13 56 28.8 +0.3
BARC Barichara 2.05 217 eP Pp 13 56 20.4 -0.6

NIED 27 10:30:32.10N; 141.80E, h5km, Mw3.6 Best double
couple: M2.39000; 1014 NP1.3; 14.00000; .65.00000;
.124.00000; NP2.0; 150.00000; .54.00000; .61.00000

Code Station Name Az AZZ Phase ID Time Res
JHCJ Hachiojijimakas 2.04 307 Op Pn 14 39 03.4 -0.3
JHJ2 Mitsune 2.05 308 P Sb 14 39 29.5 -3.2
JHJ Hachiojijima 2 2.07 308 Pn 14 39 03.0 -1.1

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CBUJ 4.76 175 eS Pn 14 40 34.0 -1.3
JCJ Chichijima 4.76 175 Pn 14 39 40.6 -0.5
JCJ Chichijima 5.5nm, 0.3s, baz=267, slow=23, SNR=10
JRY Ryugami san 4.77 331 Pn 14 40 33.6 -1.7

CSEM 27 14:38:37.5, 0.2, 6.4; 27N; 20.53E, h2km, ML2.1, Error
ellipse: s-maj=4.5km s-min=3.2km az=123.0

Code Station Name Az AZZ Phase ID Time Res
UMAU Umeaa 0.38 170 iP Pp 14 38 44.9 +0.4
UMAU Umeaa 0.38 170 iS Pp 14 38 45.5 +0.2
UMAU Umeaa 0.38 170 iS Pp 14 38 44.9 +0.4

ISC 27 14:38:38.1, 0.8, 6.4; 26N; 20.59E, h0km, mb1 2.7/4,
mb1mx2.7/40, mbtmp2.7/4, ML2.0/4, Error ellipse:
s-maj=9.8km s-min=7.9km az=103.0

Code Station Name Az AZZ Phase ID Time Res
UMAU Umeaa 0.38 170 iP Pp 14 38 44.9 +0.4
UMAU Umeaa 0.38 170 iS Pp 14 38 45.5 +0.2
UMAU Umeaa 0.38 170 iS Pp 14 38 44.9 +0.4

ISC 27 15:08:26.4, 1.5, 6.8; 2E; 0.1, 130.23E; 0.07, h146km,
mb3.3/2, Error ellipse: s-maj=15.6km s-min=9.7km
az=172.6

Code Station Name Az AZZ Phase ID Time Res
JMA 27 15:15:36.7, 0.6, 31.96N; 138.41E, h368km, M3.3
ISCJB 27 15:15:37.1, 0.5, 32.34N; 0.06; 138.4E; 0.1, h368km,
mb3.1/3, Error ellipse: s-maj=13.2km s-min=7.1km
az=157.2

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HFS comp=2.0, 1nm, 0.3s, baz=41, slow=14, SNR=2.8
HFS comp=2.0, 2nm, 0.3s, baz=38, slow=22, SNR=4.0
NOA comp=2.0, 6nm, 0.3s, baz=39, slow=29, SNR=8.2

IDC 27 14:52:19.0, 2.8, 6.07S; 151.82E, h0km, mb3.3/2,
mb1 3.8/3, mb1mx3.3/1, mbtmp3.3/1, ML1.4/1, MS3.9/1,
Ms1 3.9/1, ms1mx2.7/19, Error ellipse: s-maj=127.0km
s-min=38.1km az=131.0, New Britain region

Code Station Name Az AZZ Phase ID Time Res
PMG Port Moresby 5.69 234 Op Pn 14 54 56.4 +1.6
PMG Port Moresby 0.7nm, 0.3s, baz=59, slow=11, SNR=4.1
WRA Warramunga Arr 21.88 229 P 14 57 13.5 -0.3

IDC 27 14:57:34.2, 64.0, 23.12S; 176.44W, h0km, mb3.6/3,
mb1 3.8/3, mb1mx3.5/29, mbtmp3.6/3, Error ellipse:
s-maj=1175.0km s-min=171.7km az=88.0, South of Fiji
Islands

Code Station Name Az AZZ Phase ID Time Res
STKA Stephens Creek 38.04 247 P 15 04 54.1 -0.4
ASAR Alice Springs 45.39 259 P 15 05 54.8 0.0
WRA Warramunga Arr 45.73 264 P 15 05 57.5 0.0

IDC 27 15:08:24.6, 5.1, 6.42S; 130.11E, h135km, 52km, mb3.2/2,
mb1 3.7/7, mb1mx3.4/36, mbtmp4.1/7, Error ellipse:
s-maj=41.5km s-min=21.7km az=37.0

Code Station Name Az AZZ Phase ID Time Res
BATI Baunata 7.29 242 Op Pn 15 10 18.0 -1.5
BATI Baunata 3.9nm, 0.3s, baz=254, slow=24, SNR=9.8
FITZ Fitzroy Crossi 12.04 201 P 15 11 15.0 -0.1

ISC 27 15:08:28.2, 1.9, 6.9S; 0.1, 130.23E; 0.09, h146km, m7,
az=172.6

Code Station Name Az AZZ Phase ID Time Res
BATI Baunata 7.29 242 Op Pn 15 10 18.0 -1.5
BATI Baunata 3.9nm, 0.3s, baz=254, slow=24, SNR=9.8
FITZ Fitzroy Crossi 12.04 201 P 15 11 15.0 -0.1

JMA 27 15:15:36.7, 0.6, 31.96N; 138.41E, h368km, M3.3
ISCJB 27 15:15:37.1, 0.5, 32.34N; 0.06; 138.4E; 0.1, h368km,
mb3.1/3, Error ellipse: s-maj=13.2km s-min=7.1km
az=157.2

IDC 27 15:15:43.1, 0.9, 32.28N; 138.20E, h349km, 15km, mb2.9/3,
mb1 3.1/8, mb1mx2.8/46, mbtmp3.9/8, Error ellipse:
s-maj=42.4km s-min=15.9km az=69.0

ISC 27 15:15:42.5, 0.9, 32.33N; 0.08; 138.5E; 0.1, h368km, n20,
az=165/23, mb3.0/3, Southeast of Honshu

Code Station Name Az AZZ Phase ID Time Res
JHJ Hachiojijima 2 1.37 54 Op Pn 15 16 30.7 -1.0
JHJ Hachiojijima 1.1nm, 0.3s, baz=253, slow=19, SNR=4.8
JHE 9.5nm, 0.3s, baz=73, slow=19, SNR=3.7

IDC 27 15:36:10.9, 0.9, 13.05N; 143.51E, h214km, 12km,
mb3.1/10, mb1 3.7/10, mb1mx3.1/31, mbtmp3.6/10, Error
ellipse: s-maj=27.6km s-min=13.9km az=91.0, South of
Mariana Islands

Code Station Name Az AZZ Phase ID Time Res
GUMO Guam 1.43 68 P Pn 15 36 46.0 +0.7
GUMO Guam 13nm, 0.3s, baz=263, slow=3.1, SNR=8.9
JUN Nakatsue 23.07 332 P 15 37 12.1 +0.2

ILAR	Eielson Array	69.62 25 P	P	15 46 57.1 +0.4
		0.3nm, 0.6s, baz=247, slow=5.5, SNR=9.5		
YKA	Yellowknife Ar	83.94 27 P	P	15 48 16.6 -0.1
		0.1nm, 0.4s, baz=252, slow=12, SNR=4.5		
FINES	FINES Array B	91.09 335 P	P	15 48 49.9 -1.1
		0.3nm, 0.4s, baz=72, slow=6.2, SNR=6.8		

MEX 27 16:14:28.6, 0.8, 15.97N:97.45W, h16km±15km, MD3.9, Near coast of Oaxaca

Code	Station Name	Δ° AZ°	Phase ID	Time Res
PNIG	Pirotepa	0.78 303	Op	16 14 41.0 -2.8
PNIG	Vista Hermosa	1.29 32	eS	16 14 50.5 -3.6
VHO	Huatulco	1.30 99	eS	16 15 03.8 -5.7
HUIG	TLIpa	1.92 326	eP	16 15 04.2 -5.1
TLIG	El Cayaco	2.91 292	eS	16 15 20.0 -4.6
CAIG	Cauayan	1.65 180	eP	16 15 12.2 -2.1
				16 15 44.9 -4.1

MAN 27 16:25:25, 18.60N:121.82E, h0km, mb4.5, ML3.4, MS3.3, Luzon

Code	Station Name	Δ° AZ°	Phase ID	Time Res
SGCP	Mt. Cagua	0.42 149	Op	16 25 34.4 +0.9
SGCP	Conner	0.92 217	eS	16 25 40.0 -0.1
APYP	Dolores	1.42 228	eS	16 25 59.9 +0.8
ABRA	Cauayan	1.65 180	eP	16 25 52.0 0.0
				16 26 14.6 +3.2
				16 25 56.2 -0.1

IDC 27 16:33:48.1-4.5, 16.00S:175.47W, h0km, mb3.7/4, mb1 3.9/4, mb1mx3.6/19, mbtm3.6/14, Error ellipse: s-maj=202.1km s-min=32.5km az=137.0, Tonga Islands

Code	Station Name	Δ° AZ°	Phase ID	Time Res
STKA	Stephens Creek	4.02 240	Op	16 41 41.6 +0.2
WRA	Warramunga Arr	4.77 257	P	16 42 26.8 -0.7
ASAR	Alice Springs	48.03 252	P	16 42 29.6 +0.1
ILAR	Eielson Array	83.43 12	P	16 46 17.0 0.0

ISCJB 27 16:46:49.0, 1.3, 43.79N:0.08:147.5E:0.1, h40km, 22km, Error ellipse: s-maj=17.1km s-min=7.4km az=140.3

JMA 27 16:46:49.0, 2.4, 43.64N:147.36E, h27km, M3.0

SKHL 27 16:46:49.0, 2.4, 43.77N:147.43E, h50km, mb3.9/2

ISC 27 16:46:49.0, 2.6, 43.39N:0.1:147.5E:0.1, h34km±3km, n10, n103/18, 1D, Kuril Islands

Code	Station Name	Δ° AZ°	Phase ID	Time Res
SHO	Shikotan	0.49 279	Op	16 46 59.7 -0.3
SHO	20nm, 0.2s		AMB	16 47 00.2
SHO	10nm, 0.2s		AMB	16 47 00.2
SHO	1μm, 0.4s		A	16 47 08.4
SHO	660nm, 0.4s		A	16 47 08.4
YUK	Yuzh-Kuril'sk	1.21 282	eP	16 47 09.7 -0.3
YUK	30nm, 0.2s		AMB	16 47 09.9
YUK	10nm, 0.2s		AMB	16 47 09.9
YUK	60nm, 0.2s		AMB	16 47 09.9
YUK	20nm, 0.2s		A	16 47 25.7
YUK	180nm, 0.2s		A	16 47 25.7
NEM2	Nemuro 2	1.35 252	P	16 47 11.1 -0.8
KUR	Kuril'sk	1.46 10	eP	16 47 26.5 -2.1
KUR	40nm, 0.2s		eS	16 47 31.1 -0.2
KUR	20nm, 0.2s		A	16 47 32.4
JRA	Rausu	1.73 275	P	16 47 17.4 +0.3
JNK	Nakash	2.03 265	S	16 47 37.8 -0.1
JAK	Akkeshi	2.19 250	P	16 47 23.3 -0.2
JAR	Ashorobuto	2.76 261	P	16 47 33.0 +1.7
JCH	Churui	3.25 250	eS	16 47 38.9 +0.9
JNBK	Urakawa-nobuka	3.80 248	P	16 47 46.7 +1.1

SOME 27 16:56:20.9, 40.65N:71.03E, h25km

NCC 27 16:56:21.7, 0.9, 40.77N:70.91E, h0km, mb3.4, mpv3.0, Error ellipse: s-maj=12.2km s-min=6.2km az=124.0

KRNET 27 16:56:23.6, 0.1, 40.68N:71.02E, h13km, mb2.8

ISC 27 16:56:23.6, 0.1, 40.68N:70.99E:0.05, h13km±13km, n13, n123/20, 16C-4D, Tajikistan

Code	Station Name	Δ° AZ°	Phase ID	Time Res
BTK	Batken	0.63 192	Op	16 56 36.6 +0.4
BTK	baz=194		Op	16 56 45.8 +0.2
ARK	Arkit	1.34 331	eP	16 56 49.4 -0.2
ARK	baz=33		eS	16 56 08.1 +1.1
OHH	Osh	1.38 961	eP	16 57 44.9 -0.9
OHH	baz=96		eS	16 57 09.4 +1.1
IUG	luzhnyay	1.63 334	eP	16 56 51.1 -1.4
IUG	222nm, 0.2s		eS	16 57 13.5 +0.1
TOKL	Toktogul	1.90 481	eP	16 56 58.6 +0.2
TOKL	baz=47		eS	16 57 24.4 -0.5
BRLS	Borolday	2.32 336	eP	16 57 01.4 -0.4
BRLS	2.4nm, 0.4s		eS	16 57 32.2 +2.0
KK31	Karavat Array	2.45 352	Op	16 57 04.5 +0.9
KK31	4.0nm, 0.3s, baz=178, slow=13, SNR=8.7		Op	16 57 37.3
DZET	Dzherino	2.50 222	Op	16 57 07.8 -0.9
DZET	5.4nm, 0.4s		Op	16 57 42.6
MRKS	Merke	2.66 38	eP	16 57 07.7 +1.1
MRKS	11nm, 0.6s		eS	16 57 42.3 -1.7
ARLS	Aral	2.78 641	eP	16 57 11.6 -1.9
ARLS	baz=63		eS	16 57 46.1 -1.4
AAK	Ala-Archa	3.27 52	Op	16 57 21.9 0.0
AAK	2.4nm, 0.5s		Op	16 58 01.9
TKM2	Tokmak 2	4.11 55	Op	16 57 37.9 +1.8
TKM2	1.0nm, 0.5s		Op	16 58 32.5
AB31	Akbulak array	11.60 321	Op	16 59 05.5 -3.4
AB31	0.5nm, 0.5s, baz=131, slow=13, SNR=14		Op	17 01 07.9 -1.0

0.7nm, 0.6s, baz=130, slow=24, SNR=4.6

ISCJB 27 16:58:34.7, 0.9, 5.8N:0.2:127.1E:0.2, h83km, mb3.2/5, Error ellipse: s-maj=38.4km s-min=8.9km az=143.8

IDC 27 16:58:34.5, 6.1, 5.76N:127.22E, h59km, 55km, mb3.0/5, mb1 3.2/6, mb1mx3.0/41, mbtmp3.4/6, Error ellipse: s-maj=94.3km s-min=16.0km az=65.0

ISC 27 16:58:36.8, 1.2, 5.71N:0.2:126.9E:0.3, h83km, n8, n1537/10, mb3.2/5, Mindanao

Code	Station Name	Δ° AZ°	Phase ID	Time Res
MATI	Mati	1.41 332	Op	16 59 01.5 +0.5
MATI	Davao City (W)	1.91 316	eP	16 59 17.4 -1.9
DAV	Musuan	2.85 320	eS	16 59 06.5 -1.1
BUKP	Warramunga Arr	26.50 164	P	17 04 37.0 -0.6
EUKP	Songio Array	45.51 341	P	17 06 47.6 -0.6
WRA	Makar Makanchi Array	56.07 324	P	17 08 07.8 +0.4
ASAR	Zalvo Beam	58.94 332	P	17 08 29.2 +1.9

ISCJB 27 17:01:47.3, 1.1, 5.81S:0.08:146.8E:0.2, h78km, mb3.0/4, Error ellipse: s-maj=33.5km s-min=10.9km az=174.7

IDC 27 17:01:54.1, 3.4, 6.17S:147.23E, h144km, 41km, mb2.8/4, mb1 3.0/6, mb1mx2.9/33, mbtmp3.2/6, Error ellipse: s-maj=56.9km s-min=29.1km az=120.0

ISC 27 17:01:48.9, 1.1, 5.78S:0.09:146.8E:0.3, h78km, n7, n1819/9, mb3.1/4, Eastern New Guinea region

Code	Station Name	Δ° AZ°	Phase ID	Time Res
PMG	Port Moresby	3.62 175	Op	17 02 44.8 +2.1
PMG	Warramunga Arr	18.61 220	P	17 03 22.7 -1.6
ASAR	Alice Springs	21.72 214	P	17 06 33.5 -0.4
SOMN	Songio Array	64.13 331	P	17 12 17.5 +2.3
MKAR	Makar Makanchi Array	77.23 320	P	17 13 34.1 -0.5
ILAR	Eielson Array	85.34 12	P	17 14 15.7 -1.4
TORD	Torodri Ar. Bea	144.88 285	PKPbc	17 21 15.7 -1.6

IDC 27 17:25:05.7, 1.6, 6.05S:146.63E, h0km, mb3.5/3, mb1 3.8/5, mb1mx3.5/27, mbtmp3.6/5, ML2.6/2, Error ellipse: s-maj=43.9km s-min=24.2km az=90.0, Eastern New Guinea region

Code	Station Name	Δ° AZ°	Phase ID	Time Res
PMG	Port Moresby	3.38 171	Op	17 23 01.3 +1.6
WRA	Warramunga Arr	18.26 220	P	17 26 19.0 -1.7
ASAR	Alice Springs	21.37 214	P	17 26 55.0 +0.1
CMAR	Chiang Mai Arr	52.95 298	P	17 31 24.5 +0.2
ILAR	Eielson Array	85.67 12	P	17 34 45.8 -0.3

ISCJB 27 17:27:36.3, 0.3, 63.93N:0.02:22.01W:0.04, h9km, 2km, mb3.7/11, MS3.6/19, Error ellipse: s-maj=4.0km s-min=2.6km az=174.4

CSEM 27 17:27:36.6, 63.91N:22.03W, h5km, ML3.7

REY 27 17:27:36.6, 63.91N:22.03W, h5km

IDC 27 17:27:37.4, 0.8, 63.98N:21.92W, h0km, mb3.6/9, mb1 3.8/10, mb1mx3.5/41, mbtmp3.6/10, ML3.8/1, MS3.6/23, mb1 3.7/23, ms1mx3.5/3, Error ellipse: s-maj=17.2km s-min=10.0km az=96.0

ISC 27 17:27:37.2, 0.8, 63.92N:0.02:22.00W:0.01, h4km, 5km, n80, n187/102, mb3.7/11, MS3.6/19, Iceland region

Code	Station Name	Δ° AZ°	Phase ID	Time Res
IKRI	Krysvuk	0.06 216	Op	17 27 37.9 -0.6
IKRI	Krysvuk	0.06 216	P	17 27 39.2 -0.2
IKAS	Kald?rtsel	0.12 34	S	17 27 39.6 0.0
IKAS	Kald?rtsel	0.12 34	P	17 27 41.9 +0.6
IVOS	Vogsoasar	0.15 118	P	17 27 39.7 0.0
IVOS	Vogsoasar	0.15 118	S	17 27 41.9 +0.6
IVOG	Vogar	0.18 285	P	17 27 40.3 -0.3
IVOG	Vogar	0.18 285	S	17 27 43.1 +1.5
IGRV	Grindav??k	0.21 252	P	17 27 40.6 -0.7
IGRV	Grindav??k	0.21 252	S	17 27 44.5 +0.4
ISAN	Sandskeio	0.23 55	P	17 27 41.5 -0.2
ISAN	Sandskeio	0.23 55	S	17 27 44.7 -0.1
ISAN	Sandskeio	0.23 55	S	17 27 41.5 -0.2
IBJA	Bjarnastaoir	0.31 85	P	17 27 42.9 -0.3
IBJA	Bjarnastaoir	0.31 85	S	17 27 48.2 +0.9

Code	Station Name	Δ° AZ°	Phase ID	Time Res
IBJA	Bjarnastaoir	0.31 85	P	17 27 42.9 -0.3
IBJA	Nylenda	0.33 279	S	17 27 48.2 +0.9
INYL	Nylenda	0.33 279	P	17 27 42.5 -1.0
INYL	Nylenda	0.33 279	S	17 27 47.0 -0.8
IRNE	Reykjanes	0.33 251	P	17 27 42.5 -1.0
IRNE	Reykjanes	0.33 251	S	17 27 42.6 -0.9
IRNE	Reykjanes	0.33 251	P	17 27 42.6 -0.9
IRNE	Kuludalsa	0.40 8	P	17 27 47.1 -0.7
IKUD	Kuludalsa	0.40 8	S	17 27 44.0 -1.0
IKUD	Kuludalsa	0.40 8	P	17 27 50.0 -0.2
IKRO	Krokur	0.43 65	P	17 27 44.6 -0.8
IKRO	Krokur	0.43 65	S	17 27 51.6 +0.6
IKRO	Krokur	0.43 65	P	17 27 44.6 -0.8
IKRO	Heioarsoar	0.44 50	S	17 27 51.6 +0.6
IHEI	Heioarsoar	0.44 50	P	17 27 44.8 -0.8
IHEI	Heioarsoar	0.44 50	S	17 27 51.2 -0.1
IHEI	Heioarsoar	0.44 50	P	17 27 44.8 -0.8
ISOL	Solvholt	0.47 89	P	17 27 45.3 -0.9
ISOL	Solvholt	0.47 89	S	17 27 52.9 +0.6
ISOL	Solvholt	0.47 89	P	17 27 45.3 -0.9
IASM	Asmuli	0.62 98	P	17 27 52.9 +0.6
IASM	Asmuli	0.62 98	S	17 27 48.0 -1.1
IASM	Asmuli	0.62 98	P	17 27 51.2 0.0
IASM	Asmuli	0.62 98	S	17 27 48.0 -1.1
ISAU	Saurbar	0.70 84	P	17 27 49.4 -1.3
ISAU	Saurbar	0.70 84	S	17 28 00.1 +0.3
ISAU	Saurbar	0.70 84	P	17 27 49.4 -1.3
ISAU	Saurbar	0.70 84	S	17 28 00.1 +0.3
IGYV	Gygjarholstok	0.86 65	P	17 27 51.8 -1.9
IGYV	Gygjarholstok	0.86 65	S	17 28 04.7 -0.2
IGYV	Gygjarholstok	0.86 65	P	17 27 51.8 -1.9
IGYV	Gygjarholstok	0.86 65	S	17 28 04.7 -0.2
BORG	Borgarnes	0.88 19	P	17 27 52.6 -1.5
BORG	Borgarnes	0.88 19	S	17 28 04.7 -0.2
BORG	Borgarnes	0.88 19	P	17 27 52.6 -1.5
BORG	Borgarnes	0.88 19	S	17 28 04.7 -0.2
BORG	Borgarnes	0.88 19	P	17 28 04.7 -0.2
BORG	Borgarnes	0.88 19	S	17 28 04.7 -0.2
IASB	Sbjarnarst	0.88 19	P	17 27 52.6 -1.4
IASB	Sbjarnarst	0.88 19	S	17 28 05.9 -0.9
IASB	Sbjarnarst	0.88 19	P	17 27 52.6 -1.4
IASB	Sbjarnarst	0.88 19	S	1

27d 18h

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MKAR Makanchi Array, AAK Ala-Archa, NVAR Mina Array Bea, SONMI Songino Array, BDFB Brasilia.

NSSP 27 17:36:49.9, 41.07N:43:85E, h7km, Ms3.0
TIF 27 17:36:50.8, 41.08N:43:85E, h10km, 1km
MOS 27 17:36:50.6, 1.0, 40.90N:43:64E, h10km, mb4.0/2, Error ellipse: s-maj=10.8km, s-min=4.9km, az=81.5

Main table for 27d 18h section, listing station codes (GMRZ, AKH, STE, etc.) and their corresponding parameters (Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC).

2011 FEB

Main table for 2011 FEB section, listing station codes (ZKTA, ZKTA, LSNR, etc.) and their corresponding parameters (Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC).

1348

Main table for 1348 section, listing station codes (WRAB, WRA, CTAO, etc.) and their corresponding parameters (Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC).

Table with columns: Station Name, Elevation, Azimuth, Phase ID, Time, Res. Includes stations like WAZ, DREZ, PUKETI, MHEZ, etc.

Table with columns: Station Name, Elevation, Azimuth, Phase ID, Time, Res. Includes stations like TRWZ, MCHZ, PKHZ, etc.

Table with columns: Station Name, Elevation, Azimuth, Phase ID, Time, Res. Includes stations like FRGS, TRUS, GRUS, etc.

27d 23h

Table with columns: SVAN, SARI, BTM, etc. and values for various stations and times.

Table with columns: CMAR, WRA, MKAR, TLY and values for various stations and times.

MEX 27 22:35:45.0-5.178N-96.62W, h20km, 216km, MD3.6

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

ISC 27 22:38:05.2-1.3, 26.89N-143.20E, h0km, mb3.6/3, mb1 3.8/3, mb1mx3.3/4.5, mbtmp3.6/3, Error ellipse: s-maj=31.7km s-min=27.1km az=177.0, Bonin Islands region

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

ISC 27 22:41:20.6-0.4, 19.49S-0.06E, h169.68E, 0.07, h250km, mb4.5/38, Error ellipse: s-maj=17.8km s-min=14.5km az=135.0

NEIC 27 22:41:21.5-2.7, 19.37S-169.68E, h242km, 7km, mb4.7/31, Error ellipse: s-maj=17.8km s-min=14.5km az=135.0

ISC 27 22:41:22.2-0.5, 19.44S-0.08E, h169.65E, 0.09, h250km, n84, az=108.0, mb4.5/38, 94d, Vanuatu Islands

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

MAN 27 22:58:40.8, 8.99N x 125.63E, h32km, mb3.9, ML2.7, MS2.3, 2C, Mindanao

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

2011 FEB

Table with columns: PEA1, CM01, CM03, CMAR, etc. and values for various stations and times.

Table with columns: CHTO, ULN, SONA0, SONM, etc. and values for various stations and times.

Table with columns: FIAO, AKASG, AKASG, etc. and values for various stations and times.

Table with columns: KHC, LAST, GRES, etc. and values for various stations and times.

ISC 27 22:46:00.43, 20N, 147.00E, h23km, Mw3.8 Best double couple: M5.77000x1014 NP1:223.00000, 326.00000, 7.97.00000...

JMA 27 22:46:26.8-0.3, 43.23N, 147.01E, h40km, 4km, M4.0

ISC 27 22:46:28.7-0.8, 43.28N, 146.88E, 0.07, h52km, 6km, mb3.7/4, Error ellipse: s-maj=1.0km s-min=2.3km

SKHL 27 22:46:28.8-0.9, 43.27N, 146.93E, h56km, 4km, mb4.7/4

MOS 27 22:46:29.8-1.2, 43.48N, 146.70E, h56km, mb4.1/6, Error ellipse: s-maj=15.2km s-min=9.0km az=104.0

ISC 27 22:46:30.0-2.8, 43.27N, 146.80E, h47km, 26km, mb3.5/12, mb1 3.8/15, mb1mx3.6/42, mbtmp3.8/15, ML3.7/3, MS2.8/2, Ms1 2.8/2, ms1mx2.6/3, Error ellipse: s-maj=21.3km s-min=17.4km az=106.0

ISC 27 22:46:29.6-1.4, 43.31N, 146.86E, 0.06, h41km, 12km, n66, az=123.70, mb3.6/14, 3C-4D, Kuril Islands

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

MAN 27 22:58:40.8, 8.99N x 125.63E, h32km, mb3.9, ML2.7, MS2.3, 2C, Mindanao

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

1352

Table with columns: JKK2, JFR, JKA, etc. and values for various stations and times.

Table with columns: ASAJ, ASAJ, ASAJ, etc. and values for various stations and times.

Table with columns: KRSR, KROV, KROY, etc. and values for various stations and times.

Table with columns: H1N2, H1N1, H1N3, etc. and values for various stations and times.

ISC 27 22:58:40.8, 8.99N x 125.63E, h32km, mb3.9, ML2.7, MS2.3, 2C, Mindanao

MAN 27 22:58:40.8, 8.99N x 125.63E, h32km, mb3.9, ML2.7, MS2.3, 2C, Mindanao

ISC 27 22:58:40.8, 8.99N x 125.63E, h32km, mb3.9, ML2.7, MS2.3, 2C, Mindanao

ISC 27 22:58:40.8, 8.99N x 125.63E, h32km, mb3.9, ML2.7, MS2.3, 2C, Mindanao

ISC 27 22:58:40.8, 8.99N x 125.63E, h32km, mb3.9, ML2.7, MS2.3, 2C, Mindanao

ISC 27 22:58:40.8, 8.99N x 125.63E, h32km, mb3.9, ML2.7, MS2.3, 2C, Mindanao

ISC 27 22:58:40.8, 8.99N x 125.63E, h32km, mb3.9, ML2.7, MS2.3, 2C, Mindanao

ISC 27 22:58:40.8, 8.99N x 125.63E, h32km, mb3.9, ML2.7, MS2.3, 2C, Mindanao

ISC 27 22:58:40.8, 8.99N x 125.63E, h32km, mb3.9, ML2.7, MS2.3, 2C, Mindanao

ISC 27 22:58:40.8, 8.99N x 125.63E, h32km, mb3.9, ML2.7, MS2.3, 2C, Mindanao

ISC 27 22:58:40.8, 8.99N x 125.63E, h32km, mb3.9, ML2.7, MS2.3, 2C, Mindanao

ISC 27 22:58:40.8, 8.99N x 125.63E, h32km, mb3.9, ML2.7, MS2.3, 2C, Mindanao

ISC 27 22:58:40.8, 8.99N x 125.63E, h32km, mb3.9, ML2.7, MS2.3, 2C, Mindanao

ISC 27 22:58:40.8, 8.99N x 125.63E, h32km, mb3.9, ML2.7, MS2.3, 2C, Mindanao

ISC 27 22:58:40.8, 8.99N x 125.63E, h32km, mb3.9, ML2.7, MS2.3, 2C, Mindanao

ISC 27 22:58:40.8, 8.99N x 125.63E, h32km, mb3.9, ML2.7, MS2.3, 2C, Mindanao

ISC 27 22:58:40.8, 8.99N x 125.63E, h32km, mb3.9, ML2.7, MS2.3, 2C, Mindanao

ISC 27 22:58:40.8, 8.99N x 125.63E, h32km, mb3.9, ML2.7, MS2.3, 2C, Mindanao

ISC 27 22:58:40.8, 8.99N x 125.63E, h32km, mb3.9, ML2.7, MS2.3, 2C, Mindanao

ISC 27 22:58:40.8, 8.99N x 125.63E, h32km, mb3.9, ML2.7, MS2.3, 2C, Mindanao

ISC 27 22:58:40.8, 8.99N x 125.63E, h32km, mb3.9, ML2.7, MS2.3, 2C, Mindanao

ISC 27 22:58:40.8, 8.99N x 125.63E, h32km, mb3.9, ML2.7, MS2.3, 2C, Mindanao

ISC 27 22:58:40.8, 8.99N x 125.63E, h32km, mb3.9, ML2.7, MS2.3, 2C, Mindanao

28d 1h

Table with columns for station name, frequency, power, and other technical details. Includes stations like Paso Flores, El Roble, ASAL, Uspallata, etc.

2011 FEB

Table with columns for station name, frequency, power, and other technical details. Includes stations like Cerrillos, LGNH, MPR, PAPH, etc.

1356

Table with columns for station name, frequency, power, and other technical details. Includes stations like MAW, 342A, 536A, 439A, etc.

UALR	University of comp=Z,43nm,1.3s	73.81 344	eP	P	01 40 58.6 +0.6
Y37A	Hugo baz=162,SNR=7.9	73.84 341	P	P	01 40 59.4 +1.2
MIAR	Mount Ida baz=164,SNR=7.8	73.88 343	P	P	01 40 58.3 +0.9
MIAR	Mount Ida comp=Z,70nm,1.5s	73.88 343	eP	P	01 40 58.3 -0.1
MIAR	Mount Ida comp=Z,70nm,1.5s	73.88 343	eP	Pmax	01 40 58.3 -0.1
SRIG	Santa Rosalia comp=Z,24um,20.0s	73.88 325	PFAKE	LR	01 41 10.0 +1.1
Z34A	Collier Ranch, baz=160	73.90 339	P	P	01 40 59.2 +0.6
Y36A	Durant baz=162	73.95 340	P	P	01 40 59.7 +0.9
X39A	Fountain Ranch baz=163,SNR=12	73.97 342	P	P	01 40 60.0 +1.0
Z33A	Whitaker Ranch baz=160,SNR=8.8	74.07 338	P	P	01 41 00.3 +0.7
Y35A	Marietta baz=161,SNR=6.4	74.16 340	P	P	01 41 00.9 +0.8
SUR	Sutherland comp=Z,532nm,1.3s,SNR=7.9	74.24 119	P	P	01 41 02.7 +1.5
SUR	Sutherland comp=Z,163nm,1.3s	74.24 119	eP	P	01 41 01.7 +0.5
SUR			LR	LR	
WHAR	Woolly Hollow comp=Z,112nm,1.4s	74.30 344	eP	P	01 41 02.0 +1.1
X38A	Whitesboro baz=163,SNR=12	74.30 342	P	P	01 41 01.9 +1.0
X37A	Clayton baz=162	74.36 341	P	P	01 41 01.9 +0.7
W40A	Ferguson Farm, baz=164,SNR=7.0	74.38 343	P	P	01 41 02.6 +1.2
BLA	Blacksburg comp=Z,151nm,2.0s	74.40 354	eP	P	01 41 00.5 -1.0
BLA	Blacksburg comp=Z,151nm,2.0s	74.40 354	eP	Pmax	01 41 00.5 -1.0
WVCC	Virginia Weste Reagan Ranch, baz=160,SNR=8.7	74.40 355	eP	P	01 41 02.1 +0.6
Y34A	Reagan Ranch, baz=160,SNR=8.7	74.41 339	P	P	01 41 02.0 +0.5
W39A	Magazine baz=164,SNR=17	74.55 343	P	P	01 41 03.2 +0.9
X36A	Centrahoma baz=162,SNR=10	74.60 341	P	P	01 41 03.0 +0.4
W38A	Poteau baz=163,SNR=5.2	74.60 342	P	P	01 41 03.5 +0.9
X35A	Drake baz=161	74.60 340	P	P	01 41 03.1 +0.4
RAR	Rarotonga comp=Z,2um,19.9s,baz=133,slow=29	74.67 255	LR	LR	02 05 40.2
Y33A	Hilltop Ranch, baz=160,SNR=6.7	74.70 338	P	P	01 41 03.7 +0.5
JSRW	J. Sargeant Re baz=161	74.71 356	eP	P	01 41 03.5 +0.3
HSIG		74.75 326	eP	P	01 41 04.4 +0.7
MNXX	Cornudas Mount baz=154,SNR=10.0	74.84 332	eP	P	01 41 04.2 +0.1
MNXX	Cornudas Mount comp=Z,32nm,1.1s	74.84 332	eP	P	01 41 03.8 -0.3
W37B	Quinton baz=162	74.90 341	P	P	01 41 04.5 +0.2
X34A	Smith Ranch, M baz=160,SNR=8.3	75.03 339	P	P	01 41 06.1 +0.9
W36A	Wetumka baz=162	75.10 341	P	P	01 41 05.3 -0.3
Y39A	Pettigrew baz=164,SNR=8.6	75.13 343	P	P	01 41 06.4 +0.7
X33A	Lawton baz=160	75.17 339	P	P	01 41 06.6 +0.6
X32A	Elmer baz=159	75.28 338	P	P	01 41 07.5 +0.8
W35A	Tecumseh baz=161	75.29 340	P	P	01 41 07.0 +0.4
PB8A	Canehill baz=161	75.33 343	P	P	01 41 07.2 +0.4
PBMO	Poplar Bluff comp=Z,66nm,1.3s	75.35 346	eP	P	01 41 06.8 -0.1
WMOK	Wichita Mounta comp=Z,179nm,1.8s	75.43 339	eP	P	01 41 07.7 +0.2
WMOK	Wichita Mounta comp=Z,179nm,1.8s	75.43 339	eP	Pmax	01 41 07.7 +0.2
U40A	Yellville baz=164,SNR=13	75.44 344	P	P	01 41 08.0 +0.5
V37A	Hulbert baz=163,SNR=13	75.53 342	P	P	01 41 08.6 +0.7
W34A	Bridge Creek, baz=160	75.61 340	P	P	01 41 09.1 +0.6
W34A	Bridge Creek, comp=Z,121nm,1.5s	75.61 340	eP	P	01 41 08.1 -0.4
U39A	Green Forest baz=164,SNR=8.5	75.61 343	P	P	01 41 09.1 +0.6
HHAR	Hobbs comp=Z,30nm,1.3s	75.62 343	eP	P	01 41 08.4 -0.1
V36A	Jenks baz=162,SNR=13	75.64 341	P	P	01 41 09.1 +0.5
TUL1	Leonard baz=162,SNR=12	75.72 341	P	P	01 41 09.7 +0.6
TUL1	Leonard comp=Z,89nm,1.2s	75.72 341	eP	P	01 41 08.7 -0.4
W33A	Caddo, Fort Co baz=160	75.73 339	P	P	01 41 10.2 +1.1
V35A	Meyer Ranch, C baz=161,SNR=12	75.85 341	P	P	01 41 10.2 +0.4
U38A	Gravette baz=163,SNR=5.8	75.88 343	P	P	01 41 10.6 +0.6
W32A	Sentinel baz=159,SNR=15	75.93 338	P	P	01 41 11.3 +1.0
MSTX	Muleshoe baz=157,SNR=15	75.97 335	eP	P	01 41 11.4 +0.7
MSTX	Muleshoe comp=Z,123nm,1.5s	75.97 335	eP	P	01 41 10.9 +0.2
USIN	University of comp=Z,87nm,1.1s	76.02 348	eP	P	01 41 10.2 -0.5
U37A	Salina baz=163,SNR=6.6	76.02 342	P	P	01 41 11.1 +0.3
SIUC	Southern Illin comp=Z,51nm,1.1s	76.03 347	eP	P	01 41 10.7 -0.1
WCI	Wyandotte Cave comp=Z,61nm,1.8s	76.07 350	eP	P	01 41 09.5 -1.5
WCI	Wyandotte Cave comp=Z,61nm,1.8s	76.07 350	eP	Pmax	01 41 09.5 -1.5
319A	Douglas comp=Z,45nm,1.1s	76.08 329	eP	P	01 41 13.6 +2.2
319A			LR	LR	
V34A	Guthrie baz=161,SNR=7.1	76.10 340	P	P	01 41 12.1 +0.8
V34A	Guthrie comp=Z,142nm,1.5s	76.10 340	eP	P	01 41 11.9 +0.6
T40A	Mansfield baz=165	76.14 344	P	P	01 41 12.1 +0.7
T39A	Clever baz=164,SNR=8.8	76.20 344	P	P	01 41 12.2 +0.4
V33A	Lossen Ranch, baz=160,SNR=9.2	76.30 339	P	P	01 41 13.4 +1.0
SDMD	Soldier's Dell comp=Z,25nm,1.3s	76.38 357	eP	P	01 41 10.8 -1.9
SDMD			ePP	PP	01 44 04.9 -0.1
U35A	Pawnee baz=161,SNR=14	76.40 341	P	P	01 41 13.9 +1.0
T38A	Diamond baz=163,SNR=16	76.42 343	P	P	01 41 13.8 +0.8
V32A	Arapaho baz=160,SNR=8.6	76.42 339	P	P	01 41 14.0 +0.9
AMTX	Amarillo baz=158	76.45 336	P	P	01 41 14.6 +1.2
AMTX	Amarillo comp=Z,357nm,1.8s	76.45 336	eP	P	01 41 14.2 +0.9
121A	Cookes Peak, D baz=153,SNR=5.3	76.50 331	P	P	01 41 14.7 +0.9
S40A	Lebanon baz=165,SNR=9.2	76.56 345	P	P	01 41 14.5 +0.7
T37A	Cheneyville 18 baz=163,SNR=11	76.66 342	P	P	01 41 14.7 +0.3
U34A	Anderson Ranch baz=161	76.67 340	P	P	01 41 14.9 +0.4
U34A	Anderson Ranch comp=Z,145nm,1.4s	76.67 340	eP	P	01 41 14.8 +0.3
CASY	Casey	76.73 182	PFAKE		01 41 20.0 +5.5

CASY				LR	LR	
MCWV	Mont Chateau comp=Z,65nm,1.8s	76.79 355	eP	P	01 41 14.1 -0.9	
U33A	Lim Farm, Me baz=160	76.83 340	P	P	01 41 15.8 +0.4	
S39A	Bolivar baz=164,SNR=13	76.83 344	P	P	01 41 16.0 +0.7	
T36A	Boggs Farm, Ca baz=162,SNR=10	76.83 342	P	P	01 41 15.6 +0.3	
OLLIL	Olney comp=Z,72nm,1.1s	76.84 348	eP	P	01 41 14.2 -1.1	
T35A	Sooner Cattle baz=162,SNR=13	76.86 341	P	P	01 41 16.2 +0.7	
LIC	Lamto comp=Z,239nm,1.5s	76.88 72	eP	P	01 41 16.1 -0.1	
S38A	Stockton baz=154,SNR=16	76.90 343	P	P	01 41 16.1 +0.3	
MVL	Millersville comp=Z,40nm,1.6s	76.95 358	eP	P	01 41 15.9 0.0	
MVL			ePP	PP	01 44 01.6 -8.2	
BLO	Bloomington comp=Z,72nm,1.4s	77.03 350	eP	P	01 41 14.2 -2.1	
BLO			eP	Pmax	01 41 14.3 -2.1	
U32A	Winter Ranch, baz=161	77.03 339	P	P	01 41 18.1 +1.6	
SLM	Saint Louis comp=Z,94nm,1.1s	77.11 347	eP	P	01 41 18.0 +1.1	
SLM	Saint Louis comp=Z,94nm,1.1s	77.11 347	eP	Pmax	01 41 18.0 +1.1	
T34A	McClaskey Farm baz=161,SNR=12	77.13 341	P	P	01 41 17.7 +0.6	
TIC	Toumoudi baz=161,SNR=12	77.16 71	eP	P	01 41 17.8 0.0	
R40A	Maddies Statio baz=153,SNR=16	77.18 345	P	P	01 41 17.7 +0.5	
KIC	Kosan Boko comp=Z,367nm,1.2s	77.18 72	eP	P	01 41 17.3 -0.6	
S37A	Fort Scott baz=163,SNR=5.7	77.24 343	P	P	01 41 18.1 +0.4	
U31A	Nine Bar Ranch baz=159	77.26 338	P	P	01 41 18.7 +0.8	
DBIC	Dimbokro comp=Z,51nm,1.1s,baz=209,slow=5.6,SNR=56	77.30 71	P	P	01 41 19.3 +0.8	
DBIC	Dimbokro comp=Z,177nm,1.2s	77.30 71	eP	P	01 41 19.9 -1.6	
DBIC	Dimbokro comp=Z,177nm,1.2s	77.30 71	eP	Pmax	01 41 19.9 -1.6	
O56A	Blue Knob Sta baz=176	77.31 356	P	P	01 41 19.4 +1.4	
R39A	Chumby, Stover baz=164,SNR=9.2	77.36 344	P	P	01 41 18.8 +0.4	
S36A	Lake Cedric, C baz=162,SNR=6.5	77.39 342	P	P	01 41 19.1 +0.6	
R38A	Fenwick Farm, baz=164,SNR=5.6	77.43 344	P	P	01 41 19.0 +0.3	
T33A	Patterson Ranc baz=160	77.47 340	P	P	01 41 20.3 +1.4	
BNN	Barren Site baz=151	77.50 332	eP	P	01 41 21.9 +2.5	
TUC	Tucson comp=Z,68nm,1.4s	77.52 328	eP	P	01 41 21.4 +2.0	
TUC	Tucson comp=Z,68nm,1.4s	77.52 328	eP	Pmax	01 41 20.1 +0.6	
TUC			eP	Pmax	01 41 20.1 +0.6	
S35A	Otter Creek Ra baz=162	77.53 342	P	P	01 41 20.4 +1.2	
Y22D	IRIS PASCALL I Y22D	77.54 332	PFAKE	LR	01 41 30.0 +1.0	
ACSO	Alum Creek Sta comp=Z,258nm,1.8s	77.63 353	eP	P	01 41 19.2 -0.5	
LPM	Los Pinos Moun comp=Z,258nm,1.8s	77.64 332	eP	P	01 41 21.3 +1.1	
SSPA	Standing Stone comp=Z,45nm,1.1s	77.64 357	eP	PP	01 41 19.5 -0.3	
SSPA			ePP	PP	01 44 07.4 -8.2	
U30A	WK&E Inc. Balk baz=158	77.65 338	P	P	01 41 19.1 -1.0	
T32A	Huddell Ranch, baz=160	77.75 339	P	P	01 41 21.4 +0.8	
R37A	Teagarden Farm baz=163	77.77 343	P	P	01 41 20.6 0.0	
Q40A	Laux Farm, Aux baz=163	77.82 345	P	P	01 41 21.5 +0.7	
N59A	State Game Lan baz=178	77.85 358	P	P	01 41 22.4 +1.4	
S33A	Kaszmual Farm, baz=160	77.89 340	P	P	01 41 22.4 +1.1	
T31A	Randall Ranch, baz=159	77.89 339	P	P	01 41 22.9 +1.5	
LAZ	Ladron baz=162	77.91 332	eP	P	01 41 23.1 +1.4	
R36A	Gordon, Harris baz=162	77.94 342	P	P	01 41 22.0 +0.5	
Q39A	Willow Grove F baz=164,SNR=9.7	78.05 345	P	P	01 41 22.4 +0.2	
214A	Organ Pipe Nat baz=149,SNR=6.5	78.09 327	P	P	01 41 23.8 +1.2	
N54A	Moraine State baz=175	78.09 355	P	P	01 41 22.8 +0.5	
T30A	Plains baz=158	78.10 338	P	P	01 41 23.3 +0.8	
R35A	Emporia Muni baz=162	78.11 342	P	P	01 41 23.6 +1.1	
Q38A	Cooks Store, C baz=164,SNR=11	78.11 344	P	P	01 41 22.9 +0.4	
ANMO	Albuquerque comp=Z,2um,20.0s,baz=164,slow=32	78.14 333	LR	LR	02 11 07.9	
ANMO	Albuquerque comp=Z,2um,20.0s,baz=164,slow=32	78.14 333	P	P	01 41 24.4 +1.5	
ANMO	Albuquerque comp=Z,95nm,1.3s	78.14 333	eP	LR	01 41 24.7 +1.8	
ANMO			LR	LR		
ANMO	Albuquerque comp=Z,3um,21.0s	78.14 333	iP	P	01 41 25.0 +2.0	
ANMO			iPP	PP	01 41 31.3 +0.8	
ANMO			iPP	Pmax		
ANMO			MLR	MLR		
Q37A	Longview Farm, baz=163	78.22 343	P	P	01 41 23.3 +0.2	
S32A	Newby Ranch, P baz=160	78.24 340	P	P	01 41 24.3 +1.1	
SFIN	Lafayette baz=169	78.29 349	P	P	01 41 23.0 -0.4	
SFIN	Lafayette comp=Z,99nm,1.8s	78.29 349	eP	P	01 41 23.2 -0.2	
SFIN			ePP	PP	01 44 16.0 -5.0	
S31A	Mullinville baz=159	78.32 339	P	P	01 41 24.5 +0.8	
P40A	Paris baz=165,SNR=22	78.33 345	P	P	01 41 24.1 +0.5	
R34A	Isabella, Hill baz=161,SNR=6.6	78.35 341	P	P	01 41 24.8 +1.0	
T29A	Hugoton baz=158	78.42 338	P	P	01 41 25.3 +1.0	
P39A	Salisbury baz=165,SNR=10	78.43 345	P	P	01 41 24.6 +0.3	
R33A	Olander Ranch, baz=160	78.55 341	P	P	01 41 26.1 +1.1	
Q35A	Mercer Eighty, baz=162	78.58 342	P	P	01 41 25.0 0.0	
M54A	Oil Creek Stat baz=175	78.61 355	P	P	01 41 25.2 0.0	
S30A	Montezuma baz=159	78.62 338	P	P	01 41 25.5 +0.1	
P38A	Dawn baz=164,SNR=15	78.73 344	P	P	01 41 26.2 +0.3	
S29A	Ulysses baz=158	78.80 338	P	P	01 41 27.4 +1.0	
HDIL	Hopedale comp=Z,17nm,1.4s	78.81 348	eP	P	01 41 27.2 +0.9	
R32A	Long Quarter, baz=160,SNR=9.7	78.86 340	P	P	01 41 27.7 +1.0	
Q34A	Chapman baz=161,SNR=9.3	78.86 342	P	P	01 41 27.3 +0.7	
O40A	La Belle baz=165,SNR=9.3	78.86 346				

28d 1h

URZ	Urewera	80.64	229	PFAKE	LR	01	41	40.0	+3.4
031A	Woolen Ranch, comp=Z,3um,20.0s, baz=160	80.64	340	P	P	01	41	37.6	+1.3
BC3	Parker Dam,Lak baz=148	80.67	327	P	P	01	41	37.4	+0.9
N33A	Big Chuckwall baz=148SNR=1	80.70	326	P	P	01	41	38.4	+1.5
M36A	J Bar K, Exete baz=161	80.70	342	P	P	01	41	37.4	+0.9
THZ	Felix, Anita comp=Z,3um,20.0s, baz=160	80.76	344	P	P	01	41	37.0	+0.2
S22A	Tophouse comp=Z,2um,1.5s, baz=160	80.76	224	eP	P	01	41	36.2	-1.1
S22A	4UR Ranch, Cre baz=154,SNR=14	80.78	334	P	P	01	41	39.0	+1.6
P28A	4UR Ranch, Cre comp=Z,83nm,1.4s	80.78	334	eP	P	01	41	38.4	+1.0
SCIA	Saint Francis baz=158	80.79	338	P	P	01	41	38.4	+1.2
O30A	State Center comp=Z,131nm,1.5s	80.85	345	eP	P	01	41	36.3	-1.0
NCB	MW Ranch, Wils baz=159	80.87	340	P	P	01	41	39.0	+1.5
NCB	Newcomb	80.87	359	PFAKE	LR	01	41	50.0	+1.3
MVCO	Mesa Verde comp=Z,2um,18.0s, baz=153,SNR=29	80.91	332	P	P	01	41	39.2	+1.2
MVCO	Mesa Verde comp=Z,103nm,1.4s	80.91	332	eP	LR	01	41	38.8	+0.8
N32A	Stulken Farm, baz=160	80.94	341	P	P	01	41	39.4	+1.6
M35A	Neola baz=162	80.97	343	P	P	01	41	38.2	+0.2
IRM	Iron Mountain baz=148,SNR=5.8	80.99	326	P	P	01	41	40.5	+2.2
O29A	4D Ranch, Culb baz=158	81.02	339	P	P	01	41	39.6	+1.2
L38A	Oak Wood Farm, baz=165	81.03	345	P	P	01	41	38.5	+0.2
PFO	Pinyon Flats O comp=Z,2um,18.4s, baz=158,slow=31	81.12	325	LR	LR	02	10	59.2	
PFO	Pinyon Flats O comp=Z,71nm,1.3s	81.12	325	eP	LR	01	41	40.1	+0.9
PFO	Pinyon Flats O comp=Z,3um,19.0s	81.12	325	eP	P	01	41	40.1	+0.9
PFO	Pinyon Flats O comp=Z,71nm,1.3s	81.12	325	eP	MLR				
N31A	Bailey Ranch, baz=160	81.17	341	P	P	01	41	39.7	+0.6
L37A	Phoenix Point, baz=164	81.17	345	P	P	01	41	39.2	+0.2
M34A	Aspy Farms, Fr baz=164	81.21	343	P	P	01	41	39.7	+0.4
FOZ	Fox Glacier	81.22	221	PFAKE	LR	01	41	50.0	+1.0
W13A	Hualapai Mount comp=Z,2um,18.0s, baz=160	81.23	327	eP	P	01	41	40.3	+0.5
BELC	Belle Mtn. Jos baz=147	81.24	325	P	P	01	41	41.1	+1.3
JFWS	Jewell Farm comp=Z,83nm,1.4s	81.27	348	eP	P	01	41	39.1	-0.4
JFWS	Jewell Farm	81.27	348	eP	P	01	41	39.1	-0.4
Q24A	Divide comp=Z,88nm,1.4s	81.30	335	P	P	01	41	41.3	+1.1
Q24A	Divide baz=155,SNR=12	81.30	335	eP	P	01	41	41.8	+1.6
O28A	Krutiinger Ran baz=158,SNR=8.0	81.31	338	P	P	01	41	41.4	+1.5
MURC	Murrieta baz=146,SNR=6.1	81.46	324	P	P	01	41	42.3	+1.5
K38A	Parkersburg baz=165	81.48	346	P	P	01	41	40.6	0.0
BGNE	Belgrade baz=161	81.51	341	P	P	01	41	42.0	+1.1
BGNE	Belgrade comp=Z,311nm,1.8s	81.51	341	eP	P	01	41	41.2	+0.3
L35A	Bielow Farm, R baz=163	81.55	344	P	P	01	41	41.2	+0.2
L34A	Svensdens Farm, baz=162	81.60	343	P	P	01	41	42.0	+0.7
N29A	Votaw Ranch, W baz=159	81.62	339	P	P	01	41	42.8	+1.2
M31A	Lambrecht Ranc baz=160,SNR=6.5	81.66	341	P	P	01	41	43.4	+1.7
U15A	North Rim comp=Z,46nm,1.2s	81.70	329	eP	P	01	41	42.7	+0.4
FRNY	Flat Rock comp=Z,32nm,1.1s	81.73	360	eP	P	01	41	41.6	-0.2
GMRC	Granite Mounta baz=148,SNR=8.0	81.74	326	P	P	01	41	45.1	+2.7
LDFC	Landfair comp=Z,70nm,1.3s	81.75	327	eP	P	01	41	44.4	+2.0
PV01	Paradox Valley baz=158	81.75	333	eP	P	01	41	44.7	+2.2
N28A	Pribbeno Ranch baz=158	81.76	339	P	P	01	41	43.7	+1.4
K37A	Belmond baz=164	81.77	345	P	P	01	41	42.4	+0.2
HIZ	Hauiti	81.81	227	PFAKE	LR	01	41	50.0	+7.2
K36A	Gilmore City baz=164	81.81	344	P	P	01	41	43.3	+0.9
SADO	Sadowa comp=Z,39nm,1.1s	81.83	356	eP	P	01	41	41.3	-1.1
CIS	Catalina Islan baz=146	81.87	323	P	P	01	41	42.7	-0.2
BBRC	Big Bear Solar baz=147	81.88	325	P	P	01	41	44.7	+1.4
PV05	Paradox Valley PLVO comp=Z,94nm,1.6s	81.89	332	eP	P	01	41	44.4	+1.1
L33A	Hoskins baz=161	82.01	342	P	P	01	41	44.3	+0.9
L32A	Elgin baz=161	82.03	342	P	P	01	41	44.5	+0.8
K35A	Storm Lake baz=163	82.06	344	P	P	01	41	44.4	+0.7
J38A	Wedel Dairy, R baz=165	82.07	346	P	P	01	41	44.2	+0.5
M30A	Dale-Ortello V baz=159	82.08	340	P	P	01	41	45.4	+1.5
HEC	Hector,Ludlow baz=147,SNR=9.9	82.08	326	P	P	01	41	46.7	+2.6
PV10	Paradox Valley OGNE baz=158	82.14	332	eP	P	01	41	46.5	+2.0
OGNE	Ogallala baz=158	82.14	339	eP	P	01	41	45.9	+1.7
OGNE	Ogallala comp=Z,86nm,1.4s	82.14	339	eP	P	01	41	45.5	+1.2
BFSC	Mount Baldy Ra baz=146,SNR=9.2	82.20	324	P	P	01	41	46.4	+1.6
ISCO	Idaho Springs baz=155,SNR=10.0	82.21	336	P	P	01	41	46.7	+1.7
ISCO	Idaho Springs comp=Z,117nm,1.6s	82.21	336	eP	P	01	41	45.6	+0.7
ISCO	Idaho Springs	82.21	336	eP	P	01	41	45.6	+0.7
M29A	Burnside Ranch baz=162	82.22	340	P	P	01	41	46.4	+1.7
K34A	Le Mars baz=162	82.22	343	P	P	01	41	45.7	+1.1
PKME	Peaks-Kenny Ph comp=Z,168nm,1.8s	82.25	3	eP	P	01	41	45.0	+0.4
J37A	Redenius Farm, baz=164	82.27	345	P	P	01	41	45.0	+0.2
SNCO	San Nicolas Is comp=Z,117nm,1.6s	82.28	322	P	P	01	41	45.8	+0.7
PV09	Paradox Valley K33A baz=162	82.28	332	eP	P	01	41	46.7	+1.4
K33A	Hardington baz=162	82.36	343	P	P	01	41	46.1	+0.9
M28A	Bar X Bar Ranc baz=158	82.36	339	P	P	01	41	46.9	+1.4
MWC	Mount Wilson comp=Z,57nm,1.4s	82.37	324	eP	P	01	41	47.0	+1.2

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MWC	comp=Z,3um,18.0s	82.37	324	eP	LR	01	41	47.0	+1.2
MWC	Mount Wilson	82.37	324	eP	P	01	41	47.0	+1.2
MWC	comp=Z,57nm,1.4s			MLR	MLR				
PASC	comp=Z,3um,18.0s	82.39	324	eP	P	01	41	42.2	-3.5
PASC	Padadena Art C comp=Z,79nm,1.5s	82.39	324	eP	LR	01	44	54.2	-0.9
TUQ	Turquoise Moun baz=167,SNR=11	82.41	326	P	P	01	41	47.9	+2.1
L31A	Butterfield Fa baz=160,SNR=13	82.41	341	P	P	01	41	46.9	+1.3
L30A	Spencer Herefo baz=159,SNR=5.6	82.42	341	P	P	01	41	47.2	+1.5
J36A	Seneca-1, Swea baz=164	82.45	345	P	P	01	41	46.9	+1.1
DECC	Green Verdugo baz=146	82.53	324	P	P	01	41	48.0	+1.6
PKCU	Pink Cliffs comp=Z,29nm,1.3s	82.58	330	eP	P	01	41	36.9	-1.0
LCMT	Little Creek M comp=Z,110nm,1.8s	82.59	329	eP	P	01	41	48.1	+1.3
LCMT	comp=Z,2um,18.0s			LR	LR				
K32A	Verdige baz=161	82.64	342	P	P	01	41	46.9	+0.1
J35A	Milford baz=163	82.67	344	P	P	01	41	46.4	-0.5
GSC	Goldstone, Bar baz=147	82.69	326	P	P	01	41	48.7	+1.3
GSC	Goldstone, Bar comp=Z,54nm,1.5s	82.69	326	eP	LR	01	41	48.6	+1.3
GSC	Goldstone, Bar comp=Z,2um,18.0s	82.69	326	eP	P	01	41	48.6	+1.3
GSC	Goldstone, Bar comp=Z,54nm,1.5s	82.69	326	eP	MLR	01	41	48.6	+1.3
I38A	Scanlan Farm, baz=165,SNR=8.8	82.73	346	P	P	01	41	47.1	-0.1
L29A	Maesberg Ranch baz=159,SNR=7.1	82.74	340	P	P	01	41	49.0	+1.6
BLG	Laguna Peak, P baz=145	82.75	323	P	P	01	41	48.9	+1.3
J34A	George baz=162	82.76	344	P	P	01	41	48.2	+0.9
K31A	O'Neill	82.81	341	P	P	01	41	48.6	+1.0
EDW2	Edwards Air Fo baz=147,SNR=11	82.89	324	P	P	01	41	49.6	+1.3
I37A	Lemond, Waseca baz=164,SNR=6.7	82.92	346	P	P	01	41	48.8	+0.6
SHPR	Sheep Range	82.97	327	eP	P	01	41	51.0	+2.2
L28A	Connealy Angus	82.97	339	P	P	01	41	49.3	+0.7
OSI	Osito Audit: C baz=146	83.01	324	P	P	01	41	49.1	+0.2
OSI	Osito Audit: C	83.01	324	PFAKE	LR	01	42	00.0	+1.1
J33A	Davis baz=162,SNR=5.1	83.02	343	P	P	01	41	49.2	+0.5
I36A	Fitzsimmons Fa baz=164	83.05	345	P	P	01	41	49.0	+0.2
K30A	Basset	83.07	341	P	P	01	41	50.4	+1.3
I35A	Creekview Farm baz=160,SNR=16	83.09	344	P	P	01	41	49.7	+0.7
CCUT	Cedar City	83.10	329	eP	LR	01	42	01.3	+1.2
LRMC	Laurel Mtn Rad baz=148,SNR=7.8	83.23	325	P	P	01	41	52.1	+1.9
J32A	Parkston baz=161	83.28	342	P	P	01	41	50.9	+0.9
N23A	Red Feather La baz=165,SNR=8.6	83.30	336	P	P	01	41	52.4	+1.9
N23A	Red Feather La comp=Z,82nm,1.3s	83.30	336	eP	P	01	41	51.6	+1.1
SRU	San Rafael Swe comp=Z,130nm,1.6s	83.33	332	eP	LR	01	41	50.5	-0.1
SRU	San Rafael Swe comp=Z,2um,18.0s	83.33	332	eP	LR	01	41	50.5	-0.1
SRU	San Rafael Swe comp=Z,130nm,1.6s	83.33	332	eP	P	01	41	50.5	-0.1
SRU	comp=Z,2um,18.0s			MLR	MLR				
ECSD	EROS Data Cent baz=162,SNR=32	83.34	343	P	P	01	41	51.5	+1.2
ECSD	EROS Data Cent comp=Z,120nm,1.								

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G27A	Dupree	86.20	340	P	P	01	42	05.3	+0.6	OHCM	Honcut	88.12	325	eP	P	01	42	15.3	+1.2	B08A	Colville Reser	94.54	331	eP	P	01	42	42.7	-1.1
D34A	Park Rapids	86.22	345	P	P	01	42	04.7	-0.1	RLMT	Red Lodge	88.17	335	eP	P	01	42	14.4	-0.1	B08A				LR	LR				
C37A	Embass	86.27	347	P	P	01	42	04.9	-0.1	B30A	Myrvik Farm, E	88.18	344	P	P	01	42	15.3	+1.1	FFC	comp=Z,2um,19.0s	94.86	344	eP	P	01	42	45.4	+0.3
E31A	Nome	86.30	343	P	P	01	42	06.0	+0.8	D25A	Fairfield	88.21	340	P	P	01	42	15.5	+1.1	FFC	Flin Flon	94.86	344	eP	P	01	42	45.4	+0.3
G26A	Maurine	86.31	340	P	P	01	42	05.7	+0.4	A32A	Rocking H Ranch	88.23	345	P	P	01	42	14.8	+0.3	FFC	Flin Flon	94.86	344	eP	P	01	42	45.4	+0.3
F28A	McLaughlin	86.34	341	P	P	01	42	05.7	+0.3	C27A	Say Ranch,	88.25	341	P	P	01	42	15.8	+1.2	PFVI	Vila Bisbo	95.11	46	PFAKE	LR	01	43	00.0	+1.3
TOC5	Torodi Ar. Sit	86.35	71	PFAKE	LR	01	42	20.0	+1.4	ORV	Oroville	88.31	325	eP	P	01	42	16.5	+1.5	TAM	Tamanrasset	95.23	65	eP	P	01	42	48.5	+0.7
TOB4	Torodi Ar. Sit	86.36	71	PFAKE	LR	01	42	20.0	+1.4	ORV	Oroville	88.31	325	eP	P	01	42	16.5	+1.5	TAM	Tamanrasset	95.23	65	eP	P	01	42	48.5	+0.7
TOC4	Torodi Ar. Sit	86.36	71	PFAKE	LR	01	42	20.0	+1.4	YMR	Madison River	88.35	334	eP	P	01	42	16.6	+1.2	TAM	Tamanrasset	95.23	65	eP	P	01	42	48.5	+0.7
TOC4	Torodi Ar. Sit	86.36	71	PFAKE	LR	01	42	20.0	+1.4	A31A	Linda, St. Vin	88.39	345	P	P	01	42	15.7	+0.6	LHI	Lord Howe Isla	95.80	223	PFAKE	LR	01	43	00.0	+1.0
EYMN	Ely	86.37	348	P	P	01	42	06.1	+0.6	B29A	Wageman Farm,	88.43	343	P	P	01	42	15.9	+0.5	LHI	LHI			LR	LR				
EYMN	Ely	86.37	348	eP	P	01	42	04.8	-0.6	C26A	Wahner Farm, P	88.51	341	P	P	01	42	16.9	+1.1	PVAQ	Vaqueiros	95.94	47	eS	S	01	54	16.4	+9.1
TOB5	Torodi Ar. Sit	86.37	71	PFAKE	LR	01	42	20.0	+1.4	HOPS	Hopland Field	88.59	324	PFAKE	LR	01	42	30.0	+1.4	PVAQ	Vaqueiros	95.94	47	eLR	LR	02	16	47.5	
TOB5	Torodi Ar. Sit	86.37	71	PFAKE	LR	01	42	20.0	+1.4	HOPS	Hopland Field	88.59	324	PFAKE	LR	01	42	30.0	+1.4	EDM	Edmonton	96.55	337	eP	P	01	42	52.3	-0.6
TOC7	Torodi Ar. Sit	86.37	71	PFAKE	LR	01	42	20.0	+1.4	LAO	LASA Array	88.62	338	P	P	01	42	16.5	+0.1	EDM	Edmonton	96.55	337	eP	P	01	42	52.3	-0.6
TOC7	Torodi Ar. Sit	86.37	71	PFAKE	LR	01	42	20.0	+1.4	LAO	LASA Array	88.62	338	eP	P	01	42	16.5	+0.1	EDM	Edmonton	96.55	337	eP	P	01	42	52.3	-0.6
TOA0	Torodi Ar. Sit	86.37	71	eP	P	01	42	06.0	-0.2	LAO	LASA Array	88.62	338	eP	P	01	42	16.5	+0.1	EDM	Edmonton	96.55	337	eP	P	01	42	52.3	-0.6
TOA0	Torodi Ar. Sit	86.37	71	eP	P	01	42	06.0	-0.2	LAO	LASA Array	88.62	338	eP	P	01	42	16.5	+0.1	EDM	Edmonton	96.55	337	eP	P	01	42	52.3	-0.6
TOA0	Torodi Ar. Sit	86.37	71	eP	P	01	42	06.0	-0.2	LAO	LASA Array	88.62	338	eP	P	01	42	16.5	+0.1	EDM	Edmonton	96.55	337	eP	P	01	42	52.3	-0.6
TORD	Torodi Ar. Bea	86.37	71	P	P	01	42	06.2	-0.1	LAO	LASA Array	88.62	338	eP	P	01	42	16.5	+0.1	EDM	Edmonton	96.55	337	eP	P	01	42	52.3	-0.6
TORD	Torodi Ar. Bea	86.37	71	P	P	01	42	06.2	-0.1	LAO	LASA Array	88.62	338	eP	P	01	42	16.5	+0.1	EDM	Edmonton	96.55	337	eP	P	01	42	52.3	-0.6
TORD	Torodi Ar. Bea	86.37	71	P	P	01	42	06.2	-0.1	LAO	LASA Array	88.62	338	eP	P	01	42	16.5	+0.1	EDM	Edmonton	96.55	337	eP	P	01	42	52.3	-0.6
TOA1	Torodi Ar. Sit	86.38	71	eP	P	01	42	06.2	-0.1	LAO	LASA Array	88.62	338	eP	P	01	42	16.5	+0.1	EDM	Edmonton	96.55	337	eP	P	01	42	52.3	-0.6
TOA1	Torodi Ar. Sit	86.38	71	eP	P	01	42	06.2	-0.1	LAO	LASA Array	88.62	338	eP	P	01	42	16.5	+0.1	EDM	Edmonton	96.55	337	eP	P	01	42	52.3	-0.6
TOA1	Torodi Ar. Sit	86.38	71	eP	P	01	42	06.2	-0.1	LAO	LASA Array	88.62	338	eP	P	01	42	16.5	+0.1	EDM	Edmonton	96.55	337	eP	P	01	42	52.3	-0.6
TOB3	Torodi Ar. Sit	86.38	71	PFAKE	LR	01	42	20.0	+1.4	LAO	LASA Array	88.62	338	eP	P	01	42	16.5	+0.1	EDM	Edmonton	96.55	337	eP	P	01	42	52.3	-0.6
TOB3	Torodi Ar. Sit	86.38	71	PFAKE	LR	01	42	20.0	+1.4	LAO	LASA Array	88.62	338	eP	P	01	42	16.5	+0.1	EDM	Edmonton	96.55	337	eP	P	01	42	52.3	-0.6
TOB1	Torodi Ar. Sit	86.38	71	PFAKE	LR	01	42	20.0	+1.4	LAO	LASA Array	88.62	338	eP	P	01	42	16.5	+0.1	EDM	Edmonton	96.55	337	eP	P	01	42	52.3	-0.6
TOB1	Torodi Ar. Sit	86.38	71	PFAKE	LR	01	42	20.0	+1.4	LAO	LASA Array	88.62	338	eP	P	01	42	16.5	+0.1	EDM	Edmonton	96.55	337	eP	P	01	42	52.3	-0.6
TOB2	Torodi Ar. Sit	86.39	71	PFAKE	LR	01	42	20.0	+1.4	LAO	LASA Array	88.62	338	eP	P	01	42	16.5	+0.1	EDM	Edmonton	96.55	337	eP	P	01	42	52.3	-0.6
TOB2	Torodi Ar. Sit	86.39	71	PFAKE	LR	01	42	20.0	+1.4	LAO	LASA Array	88.62	338	eP	P	01	42	16.5	+0.1	EDM	Edmonton	96.55	337	eP	P	01	42	52.3	-0.6
TOC3	Torodi Ar. Sit	86.39	71	PFAKE	LR	01	42	20.0	+1.4	LAO	LASA Array	88.62	338	eP	P	01	42	16.5	+0.1	EDM	Edmonton	96.55	337	eP	P	01	42	52.3	-0.6
TOC3	Torodi Ar. Sit	86.39	71	PFAKE	LR	01	42	20.0	+1.4	LAO	LASA Array	88.62	338	eP	P	01	42	16.5	+0.1	EDM	Edmonton	96.55	337	eP	P	01	42	52.3	-0.6
TOC1	Torodi Ar. Sit	86.39	71	PFAKE	LR	01	42	20.0	+1.4	LAO	LASA Array	88.62	338	eP	P	01	42	16.5	+0.1	EDM	Edmonton	96.55	337	eP	P	01	42	52.3	-0.6
TOC1	Torodi Ar. Sit	86.39	71	PFAKE	LR	01	42	20.0	+1.4	LAO	LASA Array	88.62	338	eP	P	01	42	16.5	+0.1	EDM	Edmonton	96.55	337	eP	P	01	42	52.3	-0.6
TOC2	Torodi Ar. Sit	86.40	71	PFAKE	LR	01	42	20.0	+1.4	LAO	LASA Array	88.62	338	eP	P	01	42	16.5	+0.1	EDM	Edmonton	96.55	337	eP	P	01	42	52.3	-0.6
TOC2	Torodi Ar. Sit	86.40	71	PFAKE	LR	01	42	20.0	+1.4	LAO	LASA Array	88.62	338	eP	P	01	42	16.5	+0.1	EDM	Edmonton	96.55	337	eP	P	01	42	52.3	-0.6
D33A	AnnSam, Waubun	86.41	345	P	P	01	42	06.5	+0.8	LAO	LASA Array	88.62	338	eP	P	01	42	16.5	+0.1	EDM	Edmonton	96.55	337	eP	P	01	42	52.3	-0.6
C36A	Pine Crest Far	86.42	347	P	P	01	42	06.3	+0.6	LAO	LASA Array	88.62	338	eP	P	01	42	16.5	+0.1	EDM	Edmonton	96.55	337	eP	P	01	42	52.3	-0.6
G25A	Newell	86.44	339	P	P	01	42	06.6	+0.6	LAO	LASA Array	88.62	338	eP	P	01	42	16.5	+0.1	EDM	Edmonton	96.55	337	eP	P	01	42	52.3	-0.6
E30A	Jud	86.48	343	P	P	01	42	06.9	+0.8	LAO	LASA Array	88.62	338	eP	P	01	42	16.5	+0.1	EDM	Edmonton	96.55	337	eP	P	01	42	52.3	-0.6
HVU	Hansel Valley	86.50	332	eP	P	01	42	07.6	+1.1	LAO	LASA Array	88.62	338	eP	P	01	42	16.5	+0.1	EDM	Edmonton	96.55	337	eP	P	01	42	52.3	-0.6
HVU	Hansel Valley	86.50	332	eP	P	01	42	07.6	+1.1	LAO	LASA Array	88.62	338	eP	P	01	42	16.5	+0.1	EDM	Edmonton	96.55	337	eP	P	01	42	52.3	-0.6
HVU	Hansel Valley	86.50	332	eP	P	01	42	07.6	+1.1	LAO	LASA Array	88.62	338	eP	P	01	42	16.5	+0.1	EDM	Edmonton	96.55	337	eP	P	01	42	52.3	-0.6
HVU	Hansel Valley	86.50	332	eP	P	01	42	07.6	+1.1	LAO	LASA Array	88.62	338	eP	P	01	42	16.5	+0.1	EDM	Edmonton	96.55	337	eP	P	01	42	52.3	-0.6
HVU	Hansel Valley	86.50	332	eP	P	01	42	07.6	+1.1	LAO	LASA Array	88.62	338	eP	P	01	42	16.5	+0.1	EDM	Edmonton	96.55	337	eP	P	01	42	52.3	-0.6
WAKR	Walker	86.52	326	eP	P	01	42	08.6	+1.9	LAO	LASA Array	88.62	338	eP	P	01	42	16.5	+0.1	EDM	Edmonton	96.55	337	eP	P	01	42	52.3	-0.6
CMB	Columbia Colle	86.57	325	eP	P	01	42	07.5	+0.7	LAO	LASA Array	88.62	338	eP	P	01	42	16.5	+0.1	EDM	Edmonton	96.55	337	eP	P	01	42	52.3	-0.6
CMB	Columbia Colle	86.57	325	eP	P	01	42	07.5	+0.7	LAO	LASA Array	88.62	338	eP	P	01	42	16.5	+0.1	EDM	Edmonton	96.55	337	eP	P	01	42	52.3	-0.6
CMB	Columbia Colle	86.57	325	eP	P	01	42	07.5	+0.7	LAO	LASA Array	88.62	338	eP	P	01	42	16.5	+0.1	EDM	Edmonton	96.55	337	eP	P	01	42	52.3	-0.6
CMB	Columbia Colle	86.57	325	eP	P	01	42	07.5	+0.7	LAO	LASA Array	88.62	338	eP	P	01	42	16.5	+0.1	EDM	Edmonton	96.55	337	eP	P	01	42	52.3	-0.6
C35A	Jirik Farms, M	86.57	346	P	P	01	42	07.0	+0.6	LAO	LASA Array	88.62	338	eP	P	01	42	16.5	+0.1	EDM	Edmonton	96.55	337	eP	P	01	42	52.3	-0.6
ELK	Elko	86.58	330	P	P	01	42	07.1	+0.1	LAO	LASA Array	88.62	338	eP	P	01</													

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like CLL, CLM, COL, CON, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like BZS, LANS, SIRR, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like TMCR, KIV, KIS, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like KBL, Yuzh-Kuril'sk, RPR Rampur, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like Podgornoye, BOD Bodaibo, MAZ Makanchi, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like Tai'an, BJI Beijing, CD2 Chengdu, etc.

ISCJB 28 01:30:35.7-0.5 2:20N:0:09-127.54E:0:08, h108km, mb4.0/14, Error ellipse: s-maj=14.8km s-min=8.6km az=43.1

IDC 28 01:30:45.0-6.6 5:08N:127.47E, h181km, mb3.7/14, mb1 3.7/14, mb1mx3.5/40, mbtmp4.1/14, Error ellipse: s-maj=31.3km s-min=13.3km az=71.0

ISC 28 01:30:37.3-0.7 5:22N:0.1:127.52E:0.1, h108km, n23, 0:08825, mb4.0/14, Philippine Islands region

Table with columns for Code, Station Name, Az, Az', Op, Phase ID, Time Res, ISC, h, s, Res. Includes stations like GSPH General Santos, FITZ Fitzroy Crossi, etc.

ISCJB 28 01:32:35.9-0.9 23:65S:0:06:68:10W:0:09, h123km, 10km, mb4.5/9, Error ellipse: s-maj=15.0km s-min=9.3km az=24.1

IDC 28 01:32:36.0-5.5 23:71S:68:10W, h110km, mb4.0/9, mb1 4.4/1, ms1mx3.7/22, Error ellipse: s-maj=47.9km s-min=20.3km az=17.0

NEIC 28 01:32:38.0, 2:3:59S:68:41W, h139km, mb5.0/2, After GUC

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like DZM, HYB, KBL, ARU, STKA, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like NEY, GNI, SUMG, AKH, CMB, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like TESR, GLA, G25A, BUR08, etc.

28d 2h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like F33A, J30A, G0PC, etc.

ISC 28d 24:24.6:1.2, 14.95S:176.78W, h0km, mb4.4/11, mb1.4/7.11, mb1mx4.4/36, mbtm0.4/7.11, MS4.5/18, MS=1.4/5.18, ms1mx4.4/36, Error ellipse: s-maj=61.8km s-min=18.4km az=147.0

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

2011 FEB

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LPM, COLA, PV01, etc.

NIED 28 02:32:00.36:20N:137.50E, h5km, Mw3.9 Best double couple: M8.810000*1014 NP1=184.00000*, 845.00000*, 14.00000*, NP2=91.00000*, 887.00000*, 135.00000*

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

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

ISCJB 28 02:47:54.5:1.1, 36.47N:0.09:26.76E:0.05, h103km, 1.7km, Error ellipse: s-maj=16.2km s-min=5.3km az=162.1

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

28 4h

Table with columns: IDAR, Eielson Array, 84.98 13 P, P, 04 45 31.0 0.0, etc.

WEL 28 04:34:40.7±0.1, 43.559S±172.72E, h9km, ML3.6/10, 2C-2D, Error ellipse: s-maj=0.5km s-min=0.3km az=90.0, South Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

IDC 28 04:35:28.1±2.6, 30.565N, 141.143E, h0km, mb3.5/4, mb1 3.7/5, mb1mx3.3/5, mb1mp3.5/5, ML3.6/11, MS3.0/2, Ms1 3.0/2, ms1mx2.6/3.5, Error ellipse: s-maj=119.4km s-min=22.5km az=76.0, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

BJI 28 04:44:39.6, 36.44N, 69.58E, h175km, mb4.4/26, mb4.8/21, ISCJB 28 04:44:46.0±0.3, 36.50N, 0.0±0.70, 40E±0.03, h192km, 3km, mb4.4/68, Error ellipse: s-maj=3.7km s-min=2.8km az=153.2

IDC 28 04:44:47.6±0.7, 36.35N, 70.40E, h198km, mb4.1/24, mb1 4.1/31, mb1mx3.9/5.0, mb1mp4.6/31, MS3.5/1, Ms1 3.6/1, ms1mx2.6/3.8, Error ellipse: s-maj=9.9km s-min=8.2km az=180.0

MOS 28 04:44:47.1±0.9, 36.51N, 70.40E, h198km, mb4.7/34, Error ellipse: s-maj=7.0km s-min=4.2km az=91.0

NEIC 28 04:44:48.1±0.3, 36.45N, 70.41E, mb4.5/22, Error ellipse: s-maj=5.8km s-min=4.2km az=146.0

NIC 28 04:44:52.0±0.8, 36.30N, 70.33E, h198km, 4km, mb4.0, mpv5.3, Error ellipse: s-maj=7.9km s-min=5.7km az=172.0

ISC 28 04:44:47.8±0.4, 36.52N, 0.0±0.04, h193km, 3km, h193km: p-P, n242, s148/282, mb4.5/75, 19C-25D, Hindu Kush region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc.

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Main table with columns: KKR Kurukshetra, 8.48 139 eP, Pn, 04 46 46.6 -0.9, etc.

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Table with columns: NVS comp=E, 4.0nm, 0.3s, smax, smax, etc.

Table with columns: Station Name, Frequency, Band, Mode, SNR, Azimuth, Elevation, and other parameters. Includes stations like AKASG, AKKB, AKBB, KIEV, AK11, etc.

Table with columns: Station Name, Frequency, Band, Mode, SNR, Azimuth, Elevation, and other parameters. Includes stations like BILL, SUMG, TOAD, COLD, INK, etc.

Table with columns: Station Name, Frequency, Band, Mode, SNR, Azimuth, Elevation, and other parameters. Includes stations like WLAR, V38A, V38A, T40A, etc.

ISC/JB 28 05:00:47.5 0.1, 35.347N, 0.009:92.26W, 0.01, h10km, mb4.5/54, MS4-2.76, Error ellipse: s-maj=1.4km s-min=1.3km az=33.6

Table with columns: Code, Station Name, Frequency, Band, Mode, SNR, Azimuth, Elevation, and other parameters. Includes stations like WHAR, X301, U40A, etc.

NATX	Nacogdoches	4.07 210	ePn	Pn	05 01 51.8	0.0
NATX	Bronson	4.12 199	eSg	Sg	05 02 56.8	-3.2
340A	Marietta	4.16 251	P	Pn	05 01 53.5	+0.5
Y35A	Salisbury	4.17 355	P	Pn	05 01 55.0	+1.9
P39A	Paris	4.20 3	P	Pn	05 01 55.3	+1.7
P40A	Guthrie	4.28 278	P	Pn	05 01 55.1	+0.4
V34A	Guthrie	4.28 278	ePn	Pn	05 01 55.0	+0.2
V34A	McClary Farm	4.30 295	P	Pn	05 01 55.4	+0.4
T34A	Lathrop	4.33 315	P	Pn	05 01 56.6	+1.3
R35A	Emporia Municip	4.39 286	P	Pn	05 01 56.2	0.0
U34A	Anderson Ranch	4.39 286	ePn	Pn	05 01 56.2	0.0
U34A	Anderson Ranch	4.40 348	eSg	Sg	05 03 06.0	-4.5
U34A	Dawn	4.40 348	P	Pn	05 01 58.0	+1.7
P38A	Huntington	4.41 206	P	Pn	05 01 56.5	+0.1
339A	Arnold C. Orve	4.42 326	P	Pn	05 01 58.4	+1.7
Q36A	Washetta, Mont	4.42 222	P	Pn	05 01 56.7	0.0
237A	Bridge Creek	4.48 270	P	Pn	05 01 57.8	+0.4
W34A	Bridge Creek	4.48 270	ePn	Pn	05 01 58.0	+0.5
W34A	Ennis	4.52 232	eSg	Sg	05 03 09.6	-3.7
136A	Willow Spring	4.54 303	P	Pn	05 01 59.1	+0.8
S34A	Lathrop	4.56 340	P	Pn	05 02 00.0	+1.6
P37A	Perchaven, San	4.56 246	P	Pn	05 01 58.7	+0.3
Z35A	University of	4.56 53	ePn	Pn	05 02 00.7	+2.1
USIN	Smith Ranch, M	4.60 263	eSg	Sg	05 03 12.4	-3.6
USIN	Mercer Eighty,	4.62 321	P	Pn	05 02 01.0	+1.6
Q35A	Crockett	4.69 213	P	Pn	05 02 00.6	+0.3
338A	Reagan Ranch,	4.70 255	P	Pn	05 02 00.8	+0.3
Y34A	Kirbyville	4.78 197	P	Pn	05 02 01.8	+0.3
440A	Olney	4.78 43	ePn	Pn	05 02 03.7	+2.2
OLIL	La Belle	4.80 4	eSg	Sg	05 03 20.9	-2.0
OLIL	Katherine and	4.84 228	P	Pn	05 02 02.2	-0.2
236A	Lingo Farm, Me	4.85 285	P	Pn	05 02 03.2	+0.7
U33A	Good Intent, A	4.87 333	P	Pn	05 02 04.5	+1.7
P36A	Galt	4.88 349	P	Pn	05 02 04.4	+1.6
Q38A	Loosen Ranch,	4.90 278	P	Pn	05 02 03.5	+0.2
V33A	Kirkville	4.92 358	P	Pn	05 02 05.2	+1.7
Q39A	Lakeview Retre	4.95 116	ePn	Pn	05 02 04.8	+0.8
LRAL	Isabella, Hill	4.96 308	eSg	Sg	05 03 23.7	-4.8
R34A	Center Grove,	4.97 205	P	Pn	05 02 04.9	+0.7
439A	Centerville	5.00 218	P	Pn	05 02 04.7	+0.1
337A	Collier Ranch,	5.04 249	P	Pn	05 02 06.0	+0.9
Z34A	Wolfen Farm, M	5.05 344	P	Pn	05 02 06.5	+1.3
037A	Caddo, Fort Co	5.05 270	P	Pn	05 02 06.1	+0.8
W33A	Vickers	5.07 238	P	Pn	05 02 05.7	+0.2
135A	Kansas State U	5.10 319	P	Pn	05 02 06.4	+0.4
KSU1	Kansas State U	5.10 319	ePn	Pn	05 02 06.8	+0.8
KSU1	Patterson Ranc	5.12 292	eSg	Sg	05 03 29.8	-3.4
T33A	Kaszmual Farm,	5.12 298	P	Pn	05 02 06.8	+0.5
S33A	Duane Minner,	5.13 326	P	Pn	05 02 07.4	+1.0
P35A	Lawton	5.15 263	P	Pn	05 02 06.3	-0.4
Q34A	Chapman	5.16 315	P	Pn	05 02 07.2	+0.4
Q34A	Sweteanee	5.21 89	ePn	Pn	05 02 08.8	+1.2
SWET	Bolckow	5.24 337	eSg	Sg	05 03 09.3	+1.6
SWET	Sam Houston St	5.29 211	P	Pn	05 02 08.3	+1.4
Q36A	Vidor	5.29 196	P	Pn	05 02 09.1	+0.5
540A	WMOK Wichita Mounta	5.35 266	ePn	Pn	05 02 09.5	+0.1
WMOK	Wichita Mounta	5.35 266	eSg	Sg	05 03 34.7	-6.6
WMOK	Hilltop Ranch,	5.38 258	P	Pn	05 02 09.3	+0.5
Y33A	Lake Whitney,	5.43 234	P	Pn	05 02 10.5	-0.1
WHTX	Lake Whitney,	5.43 234	ePn	Pn	05 02 10.4	-0.1
WHTX	Olander Ranch,	5.44 305	P	Pn	05 02 11.8	+1.1
R33A	Riesel	5.47 225	P	Pn	05 02 10.8	-0.2
336A	Joes South For	5.51 353	P	Pn	05 02 12.6	+1.1
N38A	Arapaho	5.51 276	P	Pn	05 02 12.5	+0.8
V32A	Phantom Ranch,	5.52 217	P	Pn	05 02 12.1	+0.4
437A	White-Moore Ra	5.53 242	P	Pn	05 02 11.7	-0.3
134A	Wainut Farm, R	5.54 321	P	Pn	05 02 12.6	+0.6
P34A	Winter Ranch,	5.54 283	P	Pn	05 02 12.4	+0.4
U32A	Derby Farms, D	5.54 358	P	Pn	05 02 13.1	+1.1
N39A	Cross D Ranch,	5.59 202	P	Pn	05 02 13.2	+0.5
539A	Wyandotte Cave	5.62 57	ePn	Pn	05 02 14.7	+1.5
WC1	Wyandotte Cave	5.62 57	eSg	Sg	05 03 47.9	-2.1
WC1	Lee Faris, Mou	5.63 345	P	Pn	05 02 14.7	+1.5
WC1	Huddler Ranch,	5.66 291	P	Pn	05 02 14.3	+0.6
N37A	Sentinel	5.69 270	P	Pn	05 02 14.0	+1.0
T32A	Humboldt	5.70 331	P	Pn	05 02 15.2	+0.1
W32A	Humboldt	5.72 251	P	Pn	05 02 14.9	+0.4
Z33A	Hopedale	5.74 24	ePn	Pn	05 02 16.7	+2.1
HDIL	Connelly Farm,	5.74 311	eSg	Sg	05 03 51.3	-2.2
HDIL	Whitaker Ranch	5.75 209	P	Pn	05 02 15.2	+0.8
Q33A	Harpers Horsep	5.81 263	P	Pn	05 02 16.4	+0.7
X32A	Elmer	5.85 296	P	Pn	05 02 16.9	+0.6
X32A	Newby Ranch, P	5.87 340	P	Pn	05 02 17.6	+1.1
S32A	Muff Farm, Cla	5.89 237	P	Pn	05 02 16.4	-0.4
N36A	Clairette	5.89 228	P	Pn	05 02 16.6	-0.3
234A	Moody	5.89 228	P	Pn	05 02 16.6	-0.3
335A	Moody	5.89 228	P	Pn	05 02 16.6	-0.3

436A	Wall Ranch, Ga	5.91 221	P	Pn	05 02 16.3	-0.7
P33A	Williams Farm,	5.94 315	P	Pn	05 02 18.3	+0.8
O34A	Basice	5.97 326	P	Pn	05 02 18.4	+0.5
R32A	Long Quarter,	6.00 303	P	Pn	05 02 18.6	+0.3
BLO	Bloomington	6.00 49	ePn	Pn	05 02 19.9	+1.6
BLO	Bloomington	6.00 49	eSg	Sg	05 03 57.2	-4.8
BLO	Brewton	6.04 132	ePn	Pn	05 02 19.9	+1.6
N35A	Tabor	6.12 336	P	Pn	05 02 21.1	+1.1
M38A	Hamilton Ranch	6.12 354	P	Pn	05 02 20.8	+0.8
133A	Hamilton Ranch	6.13 246	P	Pn	05 02 19.4	-0.7
HKT	Hockley	6.13 210	ePn	Pn	05 02 19.6	-0.5
HKT	Hockley	6.13 210	eP	Pn	05 02 19.6	-0.5
Q32A	Mettler Ranch,	6.19 308	P	Pn	05 02 22.1	+1.1
T31A	Randall Ranch,	6.22 289	P	Pn	05 02 22.6	+1.2
U31A	Nine Bar Ranch	6.22 282	P	Pn	05 02 21.6	+0.2
M37A	Trindle Farm,	6.22 348	P	Pn	05 02 22.5	+1.1
S31A	Multiville	6.22 294	P	Pn	05 02 22.6	+1.1
537A	Green Hill Far	6.23 214	P	Pn	05 02 21.0	-0.5
O33A	Hebbron	6.33 320	P	Pn	05 02 23.6	+0.8
435B	Jarrell	6.34 226	P	Pn	05 02 22.6	+0.4
CPCT	Cooper Cave	6.36 87	ePn	Pn	05 02 24.3	+1.1
CPCT	Cooper Cave	6.36 87	eSg	Sg	05 03 36.6	+0.8
CPCT	Cooper Cave	6.36 87	P	Pn	05 04 07.4	-6.1
334A	Lometa	6.37 233	P	Pn	05 02 22.7	-0.7
233A	Rising Star	6.42 241	P	Pn	05 02 23.1	-1.0
N34A	Lincoln	6.42 330	P	Pn	05 02 24.8	+0.7
M36A	Felix, Anita	6.42 343	P	Pn	05 02 27.2	+3.0
R31A	Burdett	6.51 299	P	Pn	05 02 25.8	+0.5
SFIN	Lafayette	6.51 38	Pn	Pn	05 02 26.9	+1.6
SPIN	Lafayette	6.51 38	ePn	Pn	05 02 27.5	+2.2
SPIN	Lafayette	6.51 38	eSg	Sg	05 04 11.4	-7.0
P32A	Huiting Farm,	6.59 312	P	Pn	05 02 27.1	+0.6
536A	Bastrop	6.60 219	P	Pn	05 02 26.0	-0.5
SCIA	State Center	6.61 354	ePn	Pn	05 02 27.8	+1.1
SCIA	State Center	6.61 354	eSg	Sg	05 04 16.3	-5.3
ABTX	Abilene, Hawle	6.67 248	P	Pn	05 02 26.9	-0.7
M35A	Neola	6.68 338	P	Pn	05 02 27.1	-0.5
434A	Burnet	6.73 300	P	Pn	05 02 27.8	-0.7
Q31A	Ellis	6.75 305	P	Pn	05 02 29.1	+0.4
N33A	J Bar K, Exete	6.76 325	P	Pn	05 02 29.4	+0.7
637A	Eag Lake	6.79 211	P	Pn	05 02 28.8	-0.3
L38A	Oak Wood Farm,	6.82 356	P	Pn	05 02 31.2	+1.6
O32A	Brockman Farm,	6.83 318	P	Pn	05 02 30.5	+0.7
333A	Richland Sprin	6.87 236	P	Pn	05 02 29.3	-1.0
T30A	Plains	6.87 287	P	Pn	05 02 30.8	+0.5
U30A	WK&E Inc. Balk	6.88 282	P	Pn	05 02 30.5	0.0
L37A	Phoenix Point,	6.88 351	P	Pn	05 02 31.2	+0.8
CBKS	Cedar Bluff	6.89 303	P	Pn	05 02 31.5	+0.9
CBKS	Cedar Bluff	6.89 303	ePn	Pn	05 02 31.3	+0.7
CBKS	Cedar Bluff	6.89 303	eSg	Sg	05 04 25.5	-5.0
535A	Dale	6.90 222	P	Pn	05 02 29.7	-1.1
TKL	Tuckaleechee C	6.96 85	Pn	Pn	05 02 31.0	-0.6
TKL	22nm, 0.3s, baz=246, slow=8.4, SNR=100		Pb	Pb	05 02 52.0	+1.5
TKL	30nm, 0.3s, baz=262, slow=17, SNR=9.9		Pb	Pb	05 03 50.3	-0.6
TKL	221nm, 0.3s, baz=165, slow=22, SNR=15		Lg	Lg	05 04 25.6	
TKL	comp=2.3um, 18.0s, baz=270, slow=39		LR	LR	05 05 18.4	
TKL	Tuckaleechee C	6.96 85	ePn	Pn	05 02 32.4	+0.9
TKL	Tuckaleechee C	6.96 85	eSg	Sg	05 02 31.3	+0.7
TKL	Tuckaleechee C	6.96 85	P	Pn	05 03 50.3	-0.6
TKL	Tuckaleechee C	6.96 85	P	Pn	05 04 26.3	-6.7
S30A	Montezuma	6.97 292	P	Pn	05 02 31.9	+0.2
L36A	Hart Buss Farm	7.01 345	P	Pn	05 02 35.4	+3.1
P31A	Stockton	7.02 309	P	Pn	05 02 32.8	+0.5
M34A	Aspy Farms, Fr	7.02 333	P	Pn	05 02 33.9	+1.5
R30A	Dighton	7.05 297	P	Pn	05 02 33.1	+0.4
738A	Farr-Stevens R	7.06 205	P	Pn	05 02 33.6	+0.7
636A	Smothers Creek	7.08 216	P	Pn	05 02 33.3	+0.2
N32A	Stulken Farm,	7.20 321	P	Pn	05 02 35.4	+0.6
L35A	Biew Farm, R	7.23 340	P	Pn	05 02 36.8	+1.6
Q30A	Quinter	7.30 302	P	Pn	05 02 36.9	+0.7
433A	Art	7.30 233	P	Pn	05 02 35.0	-1.2
K38A	Parkersburg	7.32 357	P	Pn	05 02 37.5	+1.1
M33A	Taylor Creek F	7.32 330	P	Pn	05 02 37.3	+0.8
L34A	Svendsen Farm,	7.36 336	P	Pn	05 02 38.2	+1.3
Q31A	Woolen Ranch,	7.36 313	P	Pn	05 02 37.2	+0.2
U29A	Oasis Ranch, S	7.37 281	P	Pn	05 02 36.7	-0.5
534A	Blanco	7.42 226	P	Pn	05 02 36.6	-1.2
737A	Pot Lavaca	7.43 209	P	Pn	05 02 37.6	-0.3
S29A	Ulysses	7.46 290	P	Pn	05 02 38.7	+0.2
K36A	Gilmore City	7.49 348	P	Pn	05 02 40.3	+1.5
T29A	Hugoton	7.49 287	P	Pn	05 02 38.7	-0.2
K37A	Belmond	7.50 352	P	Pn	05 02 41.3	+2.4
635A	Leesville	7.51 220	P	Pn	05 02 38.5	-0.7
736A	Circle Diamond	7.53 214	P	Pn	05 02 39.5	+0.2
GOGA	Godfrey	7.55 102	ePn	Pn	05 02 39.4	-0.2
GOGA	Godfrey	7.55 102	eSg	Sg	05 04 43.9	-7.9
GOGA	Godfrey	7.55 102	P	Pn	05 02 39.4	-0.2
P30A	Selden	7.59 306	P	Pn	05 02 40.8	+0.6
BGNE	Belgrade	7.61 325	P	Pn	05 02 41.3	+0.8
BGNE	Belgrade	7.61 325	ePn	Pn	05 02 41.4	+0.9
BGNE	Belgrade	7.61 325	eSg	Sg		

BLA	Blacksburg	9.78	75	ePn	Pn	05 03 10.5	+0.3
BLA	Blacksburg	9.78	75	eSn	Sn	05 04 57.8	-2.2
BLA	Blacksburg	9.78	75	ePn	Pn	05 03 10.5	+0.3
BLA	Blacksburg	9.78	75	eSn	Sn	05 04 57.8	-2.2
CPRX	Cap Rock	9.85	260	ePn	Pn	05 03 12.4	+1.1
034A	Hebbville	9.88	215	P	Pn	05 03 10.2	-1.4
SPMN	Marine on St.	9.89	358	P	Pn	05 03 11.0	-0.7
SPMN	Marine on St.	9.89	358	ePn	Pn	05 03 10.9	-0.9
SPMN	Marine on St.	9.89	358	Lg	Lg	05 05 58.1	
131A	Royce, Wessing	9.93	333	ePn	Pn	05 03 11.6	-0.6
H33A	Prehn Over Nor	9.94	341	P	Pn	05 03 11.9	-0.5
T25A	Trinidad	9.95	284	P	Pn	05 03 11.9	-0.8
T25A	Trinidad	9.95	284	ePn	Pn	05 03 12.2	-0.5
G36A	St. Michael	9.96	354	eLg	Lg	05 05 59.0	
H32A	Carlson Farm,	9.98	336	P	Pn	05 03 13.0	+0.4
G35A	Watkins	10.02	351	P	Pn	05 03 13.0	-0.4
CLNB	Carlsbad	10.11	256	ePn	Pn	05 03 14.4	-0.4
035Z	Hargill	10.13	211	P	Pn	05 03 14.4	-0.5
YWCC	Virginia Weste	10.13	76	ePn	Pn	05 03 14.9	-0.1
J29A	Okreek	10.18	325	eSn	Sn	05 05 08.0	-0.7
I30A	Oacoma	10.18	330	P	Pn	05 03 15.2	-0.5
K28A	Ten Mile Ranch	10.20	319	P	Pn	05 03 17.1	+0.1
G34A	Benson	10.23	347	P	Pn	05 03 17.1	+0.1
NHSC	New Hope	10.28	99	ePn	Pn	05 03 16.4	-0.8
H31A	Wolsey	10.29	334	P	Pn	05 03 16.4	-0.8
RGRS	Roger Stewart	10.32	100	ePn	Pn	05 03 17.3	-0.3
G33A	Ortonville	10.35	344	eSn	Sn	05 03 17.4	-0.6
CSU	Charleston Sou	10.40	99	ePn	Pn	05 03 18.0	-0.6
SUSD	Miller	10.44	333	P	Pn	05 03 18.4	-0.8
GD1Z	Guadalupe Moun	10.51	256	ePn	Pn	05 03 20.0	-0.4
F36A	Milaca	10.56	355	P	Pn	05 03 20.1	-0.8
J28A	Allard Ranch	10.63	322	P	Pn	05 03 21.7	-0.2
I29A	Vivian Onida	10.64	327	P	Pn	05 03 21.3	-0.7
F35A	Swanville	10.66	351	P	Pn	05 03 21.3	-0.9
G32A	Webster	10.68	340	P	Pn	05 03 22.2	-0.3
F34A	Alexandria	10.70	349	P	Pn	05 03 22.8	+0.1
MCWV	Mont Chateau	10.80	63	ePn	Pn	05 03 23.5	-0.6
G31A	Conde	10.86	337	P	Pn	05 03 24.2	-0.8
Q24A	Divide	10.88	293	P	Pn	05 03 23.8	-1.7
SDCO	Great Sand Dun	10.89	287	P	Pn	05 03 24.0	-1.5
SDCO	Great Sand Dun	10.89	287	ePn	Pn	05 03 25.0	-0.7
J27A	Elkhorn Farm,	10.91	319	P	Pn	05 03 25.3	-0.4
F33A	5 Mile Ranch,	10.93	345	P	Pn	05 03 25.5	-0.2
COWI	Conover	11.03	12	ePn	Pn	05 03 26.7	-0.5
I28A	Midland	11.03	324	eSn	Sn	05 03 23.9	-6.3
H29A	Onida	11.09	329	P	Pn	05 03 26.3	-1.0
G30A	Faulkton	11.10	334	P	Pn	05 03 26.7	-1.4
F32A	Veblen	11.15	342	P	Pn	05 03 26.7	-1.5
GLMI	Grayling	11.16	29	ePn	Pn	05 03 28.0	-0.9
N54A	Moraine State	11.20	56	P	Pn	05 03 28.9	-0.1
E37A	Wrenshall	11.23	360	P	Pn	05 03 28.6	-1.1
LTX	Lajitas	11.31	241	ePn	Pn	05 03 29.4	-0.5
LTX	Lajitas	11.31	241	ePn	Pn	05 03 28.8	-2.5
TXAR	Lajitas Array	11.31	241	ePn	Pn	05 03 28.8	-2.5
TXAR	3.9nm, 0.3s, baz=67, slow=13, SNR=59						
TXAR	comp-Z, 1um, 19.6s, baz=0.0, slow=40						
TX31	Lajitas Ar. Si	11.32	241	ePn	Pn	05 08 21.6	
E35A	Pequot Lakes	11.33	353	P	Pn	05 03 28.8	-2.6
E34A	Wadena	11.38	350	P	Pn	05 03 30.0	-1.4
ALLY	Allegheny Colle	11.42	53	ePn	Pn	05 03 31.0	-1.1
ALLY	Allegheny Colle	11.42	53	eSn	Sn	05 03 32.5	-0.1
G29A	Hoven	11.44	332	P	Pn	05 05 35.5	-4.8
F31A	Hecla	11.45	339	P	Pn	05 03 31.5	-1.4
ISCO	Idaho Springs	11.47	297	P	Pn	05 03 31.0	-2.0
ISCO	Idaho Springs	11.47	297	Pn	Pn	05 03 32.6	-1.0
ISCO	Idaho Springs	11.47	297	ePn	Pn	05 03 32.6	-0.9
H28A	Mission Ridge	11.48	327	P	Pn	05 03 32.7	-0.9
MNTX	Cornudas Mount	11.50	255	P	Pn	05 03 32.0	-1.4
MNTX	Cornudas Mount	11.50	255	P	Pn	05 03 32.0	-1.8
I27A	Quinn	11.51	322	ePn	Pn	05 03 32.0	-1.3
E33A	Westby DABS, E	11.51	347	P	Pn	05 03 31.9	-1.9
J26A	Sides Ranch, S	11.53	317	P	Pn	05 03 32.4	-1.4
ANMO	Albuquerque	11.60	272	Pn	Pn	05 03 32.6	-1.7
ANMO	0.7nm, 0.3s, baz=90, slow=13, SNR=22						
ANMO	6.4nm, 0.3s, baz=356, slow=15, SNR=5.2						
ANMO	comp-Z, 556nm, 19.2s, baz=86, slow=99						
ANMO	Albuquerque	11.60	272	P	Pn	05 03 33.2	-2.1
F30A	Leola	11.67	336	P	Pn	05 03 34.5	-1.5
M54A	Oil Creek Stat	11.67	54	P	Pn	05 03 34.5	-1.5
DWPF	Disney Wildern	11.71	125	ePn	Pn	05 03 34.9	-1.2
G28A	Parade	11.75	329	P	Pn	05 03 36.1	-0.6
ERPA	Erie	11.76	51	ePn	Pn	05 03 35.3	-1.8
ERPA	Erie	11.76	51	eSn	Sn	05 03 38.5	+1.2
CNCC	Cliffs of the B	11.78	86	ePn	Pn	05 05 45.2	-3.3
E32A	Braaten, Kindr	11.81	344	P	Pn	05 03 36.5	-1.1
D35A	Cotton	11.82	354	P	Pn	05 03 36.8	-1.2
D37A	Cotton	11.82	360	P	Pn	05 03 36.5	-1.6
LPM	Los Pinos Moun	11.82	269	ePn	Pn	05 03 36.5	-1.6
JSRW	J. Sargeant Re	11.84	74	ePn	Pn	05 03 37.2	-1.2
BNM	Barren Site	11.85	268	ePn	Pn	05 03 37.2	-1.5
D36A	Goodland	11.86	357	P	Pn	05 03 36.9	-1.7
I26A	New Underwood	11.90	320	P	Pn	05 03 37.5	-1.7
O56A	Blue Knob Stat	11.93	62	P	Pn	05 03 38.5	-1.3
H27A	Hoves	11.93	324	P	Pn	05 03 38.3	-1.3
S22A	4UR Ranch, Cre	11.94	286	ePn	Pn	05 03 37.3	-2.3
D34A	Park Rapids	11.95	350	P	Pn	05 03 41.2	+1.2
F29A	Eureka	11.95	341	P	Pn	05 03 38.5	-1.3
E31A	Nome	11.98	334	P	Pn	05 03 37.8	-2.0
J25A	Sunshine Ranch	11.99	316	P	Pn	05 03 36.5	-1.5

N23A	Red Feather La	12.09	301	P	Pn	05 03 40.7	-1.5
N23A	Red Feather La	12.09	301	ePn	Pn	05 03 40.7	-1.5
D33A	AnnSum, Waubun	12.10	348	P	Pn	05 03 40.9	-1.0
LAZ	Ladron	12.22	370	ePn	Pn	05 03 42.0	-1.8
E30A	Jud	12.23	338	P	Pn	05 03 41.0	-2.6
H26A	Fairpoint	12.26	322	P	Pn	05 03 41.6	-2.6
SMCO	Snowmass	12.31	293	ePn	Pn	05 03 44.8	-0.4
CBN	Corbin Frederi	12.31	72	ePn	Pn	05 03 44.7	-0.1
D32A	Dogwood Acres,	12.32	345	P	Pn	05 03 42.3	-2.5
F28A	McLaughlin	12.33	331	P	Pn	05 03 42.9	-2.1
I25A	Rochford	12.36	318	P	Pn	05 03 42.9	-2.1
C37A	Embarrass	12.39	0	P	Pn	05 03 43.8	-2.1
D31A	McClaffin, Tow	12.40	342	P	Pn	05 03 43.2	-3.1
C38A	Sawbill Land.	12.40	3	P	Pn	05 03 42.8	-3.3
C35A	Jirik Farms, M	12.43	355	P	Pn	05 03 44.1	-2.2
C36A	Pine Crest Far	12.43	358	P	Pn	05 03 44.1	-2.2
G27A	Dupree	12.43	327	P	Pn	05 03 43.9	-2.5
C34A	RKJ Ranch, Bem	12.47	352	P	Pn	05 03 44.1	-2.4
E29A	Napoleon	12.52	336	P	Pn	05 03 44.2	-2.4
SSPA	Standing Stone	12.54	61	ePn	Pn	05 03 47.1	-0.9
C39A	Grand Marais	12.59	7	P	Pn	05 03 46.0	-2.5
RSSD	Black Hills	12.59	318	P	Pn	05 03 47.9	-0.9
RSSD	Black Hills	12.59	318	ePn	Pn	05 03 47.9	-0.9
RYM	Ely	12.62	2	P	Pn	05 03 48.6	-0.2
EYMN	Ely	12.62	2	ePn	Pn	05 03 46.2	-2.9
G26A	Maurine	12.67	325	P	Pn	05 03 46.7	-2.3
H25A	Fruiteale	12.69	320	P	Pn	05 03 46.8	-3.0
C33A	Trail	12.69	349	P	Pn	05 03 47.9	-3.0
D30A	Buchanan	12.73	340	P	Pn	05 03 47.4	-3.0
F27A	Lemmon	12.85	328	P	Pn	05 03 47.4	-3.0
C32A	Crookston	12.88	347	P	Pn	05 03 49.5	-2.7
E28A	Huff	12.89	333	P	Pn	05 03 50.1	-2.4
D29A	Pettibone, Tap	12.94	337	P	Pn	05 03 49.9	-3.5
SDMD	Soldier's Deli	12.95	67	ePn	Pn	05 03 52.4	-1.2
G25A	Newell	12.99	323	P	Pn	05 03 52.1	-2.1
B35A	Bob, Littlefor	13.07	356	P	Pn	05 03 52.1	-3.0
C31A	Landman Farms,	13.10	344	P	Pn	05 03 52.6	-2.9
E27A	Carson	13.11	331	P	Pn	05 03 53.1	-2.6
F26A	Lodgepole	13.12	326	P	Pn	05 03 53.1	-2.6
121A	Cookes Peak, D	13.16	262	P	Pn	05 03 54.3	-1.6
B33A	Robert and Kas	13.16	350	P	Pn	05 03 53.6	-3.0
C30A	Mose, Pekin	13.20	341	P	Pn	05 03 54.4	-2.0
MVCO	Mesa Verde	13.21	283	ePn	Pn	05 03 54.2	-2.7
AGMN	Agassiz Nation	13.23	350	P	Pn	05 03 59.0	+1.7
AGMN	Agassiz Nation	13.23	350	ePn	Pn	05 03 54.4	-2.8
K22A	Casper	13.25	308	P	Pn	05 03 54.9	-2.4
B34A	Aery, Baudette	13.27	353	P	Pn	05 03 56.1	-1.7
PV01	Paradox Valley	13.35	287	ePn	Pn	05 03 57.0	-0.8
D28A	Regan	13.38	335	P	Pn	05 03 54.7	-3.1
B32A	Ashes, Strandq	13.43	348	P	Pn	05 04 01.2	+2.0
MVL	Millersville	13.47	65	ePn	Pn	05 03 56.6	-3.1
O26A	White River Ci	13.50	226	ePn	Pn	05 03 59.0	-1.5
E26A	Carlson Angus	13.51	329	P	Pn	05 03 56.3	-3.4
F25A	Bowman	13.54	325	P	Pn	05 03 57.0	-0.8
MDND	Maddock	13.64	339	P	Pn	05 04 01.2	+2.0
MDND	Maddock	13.64	339	ePn	Pn	05 03 58.6	-3.1
PV04	Paradox Valley	13.64	288	ePn	Pn	05 03 59.4	-3.5
D27A	Center	13.65	332	P	Pn	05 04 01.2	-1.8
B31A	Greenbush Farm	13.68	345	P	Pn	05 04 06.3	+3.1
PV10	Paradox Valley	13.75	288	ePn	Pn	05 04 00.3	-2.9
C28A	Hausauer Farms	13.77	336	P	Pn	05 03 59.7	-3.6
SADO	Sadowa	13.79	43	Pn	Pn	05 04 05.7	+1.0
SADO	3.0nm, 0.3s, baz=250, slow=13, SNR=42						
SADO	3.0nm, 0.3s, baz=88, slow=19, SNR=5.1						
SADO	14nm, 0.3s, baz=328, slow=20, SNR=6.7						
A33A	Warrod	13.79	351	P	Pn	05 04 01.2	-1.8
PV09	Paradox Valley	13.84	288	ePn	Pn	05 04 02.4	-2.5
B30A	Myrvik Farm, E	13.85	343	P	Pn	05 04 02.5	-3.3
A32A	Rocking H Ranc	13.93	348	P	Pn	05 04 02.5	-3.3
D26A	Manning	13.95					

28d 5h

Table with columns: ELK, ELKO, 18.84, 294, Pn, Pn, 05 05 10.0 -0.3, etc. Lists various astronomical objects and their properties.

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Table with columns: INK, INUVIK, 40.27, 338, eP, P, 05 08 27.3 +1.1, etc. Lists astronomical objects and their properties.

1372

Table with columns: HHC, HHC, 101.08, 342, eP, P, 05 14 39.3 -0.6, etc. Lists astronomical objects and their properties.

ISCJB 28 05:17:59.2+0.3, 35:23N, 0:02:92.36W, 0:01, h7km, 2km, Error ellipse: s-maj=2.9km s-min=1.8km xz=165.0, NEIC 28 05:18:00.3, 35:27N, 92:37W, h4km, MW3.8, Moment Tensor Solution s8 Moment tensor: Scale 10^14Nm, Mw2.08, Mw2.80, Mw4.49, Mw5.20, Mw5.50, Mw5.14, Mw5.42, Best double couple: M5.70000, 1014, NP1.305, 000000, 860, 00000, 1.25, 00000, NP2.202, 00000, 869, 00000, 1.48, 00000, Principal axes: T 5.6800, Plg38, 0000, Azm161, 0000, N 0.0000, Plg52, 0000, Azm352, 0000, P -5.6900, Plg5, 0000, Azm255, 0000, After CERL, NEIC Felt [IV] at Greenbrier, [III] at Batesville and Mountain View and [II] at Benton, Conway, Fairfield Bay, Jonesboro and Searcy. Felt widely in Arkansas and southern Missouri and as far as Memphis, Tennessee and Tulsa, Oklahoma. ISC 28 05:17:59.5+0.6, 35:24N, 0:02:92.36W, 0:02, h7km, 5km, h77, +1920/130, Arkansas

Table with columns: Code, Station Name, A Z, Op, Phase ID, Time Res, etc. Lists station information for various locations.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VAYL Yayladag, YAYL Yayladag, ATAB Bozova, ARNB Al Arnab, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BUJ 28 07:49:01.6, 34:88N-24:90E, DDA 28 07:49:01.4, 34:74N-25:39E, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CMBO Columbo, Santo, MHLO Agia Marina, M, ANKY Antikythira Is, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDC 28 06:52:06.1, 5.8, 16:83'S-175:74'W, WRA Warramunga Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDC 28 07:49:11.7, 0.0, 34:71N-26:22E, NIC 28 07:49:05.9, 0.2, 34:93N-24:42E, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GDZ Gediz, DEMI Demirci, ORHL Orhaneli, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDC 28 07:46:18.8, 0.0, 39:27N-0:02-29:06E, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AMT Artemida-Makis, AMT Artemida-Makis, ELL Elmalı, etc.

28d 7h

Table with columns for station name, frequency, power, and other technical details. Includes stations like Buro8, BMR, BOJS, KEST, etc.

2011 FEB

Table with columns for station name, frequency, power, and other technical details. Includes stations like KIV, KVAR, KBZ, KBN, etc.

1376

Table with columns for station name, frequency, power, and other technical details. Includes stations like BNI, AKET, BRG, etc.

28d 7h

Table with columns: Station, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like Lovozero, Steigen, Kautokeino, etc.

2011 FEB

Table with columns: Station, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like Dimbokro, Toumoudi, Kuran, etc.

1378

Table with columns: Station, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like Summit, Koldanda, LSZ, etc.

Table with columns: ID, Name, Az, El, 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 Screech, Elevation Screech, 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 Screech, Elevation Screech.

Table with columns: ID, Name, Az, El, 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 Screech, Elevation Screech.

Table with columns: ID, Name, Az, El, 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 Screech, Elevation Screech.

28d 9h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like Oxford, Roellen, Quinton, Clayton, Glass, etc.

2011 FEB

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like Lincoln, Burdett, Lafayette, Huiting Farm, Abilene, Hawle, etc.

1382

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like Diego Garcia, Ambohimpam, Kiliima Mbogo, etc.

28d 9h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like BOD Bodaibo, USRK Ussuriysk Ar, MAJO Matsushiro, etc.

2011 FEB

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like OXZ Lake Taylor, Rata Peaks, Incheonie, etc.

1384

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like MA2, SEY Seycham, NKKL Nikolayevsk, etc.

YKA	Yellowknife Ar	43.71 42	P	P	09 44 24.4 -0.9
RES	Resolute Bay	43.85 22	P	P	09 44 24.1 -2.2
CD2	Chengdu	45.59 264	P	P	09 44 39.5 -1.2
CD2			pP	pP	09 44 57.5 -0.8
CD2			SP	SP	09 45 06.3 0.0
CD2			SS	SS	09 46 25.5 -2.9
CD2			S	S	09 51 12.3 -5.5
CD2			sS	sS	09 51 43.5 -4.2
CD2	comp=Z,10.0nm,0.5s		pmax	pmax	
CD2	comp=Z,160nm,8.3s				
CD2	comp=Z,250nm,4.8s		LR	LR	
CD2	comp=Z,160nm,8.8s		LR	LR	
WMQ	Urumqi	46.79 289	P	P	09 44 50.5 +0.5
WMQ	comp=Z,3.0nm,1.0s		pmax	pmax	
WMQ	comp=Z,50nm,9.8s				
WMQ	comp=Z,21nm,16.8s		LR	LR	
WMQ	comp=Z,66nm,26.0s		LR	LR	
WMQ	comp=Z,36nm,19.0s		LR	LR	
GYA	Guiyang	47.08 257	eP	P	09 44 55.0 +2.5
GYA	comp=Z,10.0nm,1.0s		pmax	pmax	
SPITS	Spitsbergen Ar	47.50 350	P	P	09 44 53.5 -1.6
KURK	Kurchatov	47.67 302	eP	P	09 44 55.6 -1.1
KURK	comp=Z,23nm,0.6s		pmax	pmax	
KURB	Kurchatov Arra	47.77 302	P	P	09 44 56.5 -0.9
KURB	comp=Z,6.1nm,0.5s,baz=59,slow=7.6,SNR=27				
MK31	Makanchi Array	48.04 296	eP	P	09 44 58.5 -1.0
MK31	comp=Z,2.8nm,0.4s,baz=64,slow=11,SNR=17				
MKAR	Makanchi Array	48.04 296	eP	P	09 44 58.9 -0.7
MKAR	comp=Z,5.1nm,0.5s,baz=57,slow=7.0,SNR=124				
MKAR	Makanchi Array	48.04 296	eP	P	09 44 59.1 -0.5
MK01	Makanchi Array	48.05 296	eP	P	09 44 58.5 -1.2
MAKZ	Makanchi	48.05 296	eP	P	09 45 00.1 -0.7
MAKZ	comp=Z,5.4nm,0.5s		pmax	pmax	
MAKZ	Makanchi	48.20 296	eP	P	09 45 00.1 -0.7
BVAR	Borovoye Array	50.39 308	P	P	09 45 16.3 -1.1
BVAR	comp=Z,1.8nm,0.4s,baz=59,slow=8.1,SNR=12				
KMI	Kunming	50.41 260	P	P	09 45 20.5 +2.3
KMI	comp=Z,18nm,0.6s		pmax	pmax	
KMI	comp=Z,170nm,6.2s				
BRVK	Borovoye	50.42 308	eP	P	09 45 16.4 -1.2
BRVK	comp=Z,4.9nm,0.8s		pmax	pmax	
BRVK	Borovoye	50.42 308	eP	P	09 45 16.4 -1.2
BRVK	comp=Z,5.0nm,0.8s		pmax	pmax	
ARCES	ARCCESS Array B	53.59 342	P	P	09 45 40.6 -0.3
ARCES	comp=Z,4.2nm,0.9s,baz=44,slow=7.2,SNR=5.8				
AAK	Ala-Archa	54.97 296	eP	P	09 45 50.7 -0.9
AAK	comp=Z,3.6nm,0.6s,baz=79,slow=4.2,SNR=13				
AAK	Ala-Archa	54.97 296	eP	P	09 45 51.1 -0.4
AAK	comp=Z,5.7nm,1.0s		pmax	pmax	
AAK	Ala-Archa	54.97 296	eP	P	09 45 51.5 0.0
AAK	comp=Z,1.1nm,1.0s		pmax	pmax	
EKS2	Erkin-Say	55.34 297	eP	P	09 45 54.3 +0.2
EKS2	comp=Z,4.1nm,0.7s		pmax	pmax	
EKS2	Erkin-Say	55.34 297	eP	P	09 45 54.3 +0.2
EKS2	comp=Z,4.0nm,0.7s		pmax	pmax	
SKNT	Sokolnakiorn	55.96 252	P	P	09 46 00.6 +1.9
SKNT	comp=Z,1.5nm,1.0s,comp=Z,4nm				
NVAR	Mina Array Bea	56.21 69	P	P	09 46 00.6 0.0
NVAR	comp=Z,0.5nm,0.6s,baz=292,slow=4.8,SNR=3.4				
KSH	Kashi	56.26 292	iP	P	09 46 04.5 +3.7
KSH	comp=Z,2.2nm,1.0s		pP	pP	09 46 23.8 -3.0
KSH	comp=Z,4.2nm,1.0s		PP	PP	09 48 11.5 +5.2
KSH	comp=Z,2.2nm,1.0s		S	S	09 53 41.5 -3.7
KSH	comp=Z,4.5nm,1.0s		sS	sS	09 54 14.3 -1.6
KSH	comp=Z,3.0nm,1.0s		SS	SS	09 57 29.8 -2.3
KSH	comp=Z,120nm,5.1s		pmax	pmax	
KSH	comp=Z,160nm,5.3s		LR	LR	
KSH	comp=Z,100nm,5.0s		LR	LR	
KSH	comp=Z,130nm,6.0s		LR	LR	
UBPT	Khong Chiam	56.45 250	P	P	09 46 05.4 +3.2
UBPT	comp=Z,20nm,2.4s				
KKAR	Karatay Array	56.80 299	eP	P	09 46 03.6 -0.8
KKAR	comp=Z,4.5nm,0.9s		pP	pP	09 46 03.6 -0.8
PHRA	Phrae	56.97 257	P	P	09 46 08.2 +2.4
LOEI	Loei	57.13 255	P	P	09 46 06.7 -0.3
LOEI	comp=Z,8.6nm,0.9s,comp=Z,387nm				
UTTA	Uttaradi	57.36 256	P	P	09 46 11.0 +2.4
UTTA	comp=Z,4.2nm,1.0s				
CMMT	Chiang Mai	57.48 258	P	P	09 46 11.6 +2.1
CMMT	comp=Z,10nm,1.0s				
CHTO	Chiang Mai	57.49 258	eP	P	09 46 11.7 +2.2
CHTO	comp=Z,4.5nm,0.9s				
CHTO	Chiang Mai	57.49 258	eP	P	09 46 11.5 +2.0
CHTO	comp=Z,6.5nm,0.8s		pmax	pmax	
CHTO	Chiang Mai	57.49 258	eP	P	09 46 11.5 +2.0
CHTO	comp=Z,7.0nm,0.8s				
CMAR	Chiang Mai Arr	57.76 258	P	P	09 46 13.5 +2.0
CMAR	comp=Z,3.8nm,0.6s,baz=22,slow=7.1,SNR=20		LR	LR	10 14 40.6
CMAR	comp=Z,49nm,18.1s,baz=90,slow=8.0				
CM01	Chiang Mai Arr	57.78 258	eP	P	09 46 13.5 +2.0
ABKAR	Abkual array	57.81 310	eP	P	09 46 10.8 -0.6
CHAI	Chaiyaphum	57.97 253	P	P	09 46 14.9 +2.0
PDAR	Pinedale Array	58.03 60	P	P	09 46 13.4 +0.1
PDAR	comp=Z,0.9nm,0.8s,baz=33,slow=3.4,SNR=4.5				
PBKT	Sadao Pong	58.04 255	P	P	09 46 15.3 +2.0
TPNV	Topopah Spring	58.41 69	eP	P	09 46 24.3 +8.4
TPNV	comp=Z,1.1nm,0.7s		pmax	pmax	
TPNV	Topopah Spring	58.41 69	eP	P	09 46 24.3 +8.3
TPNV	comp=Z,1.1nm,0.7s				
ULM	Lac du Bonnet	59.36 46	P	P	09 46 21.6 -0.6
ULM	comp=Z,2.1nm,0.6s,baz=63,slow=4.5,SNR=2.4				
SRAK	Srakaw	59.44 252	P	P	09 46 23.3 +0.2
SRAK	comp=Z,6.7nm,0.8s,comp=Z,601nm				
UMPA	Umpang Tak	59.56 256	P	P	09 46 27.7 +3.7
UMPA	comp=Z,1.1nm,0.8s				
CCUT	Cedar City	59.61 67	P	P	09 46 23.2 +8.8
CCUT	comp=Z,5.3nm,1.4s				
NAYO	Nakonayok	59.61 253	P	P	09 46 26.9 +2.6
NAYO	comp=Z,19nm,0.8s,comp=Z,97nm				
CHBT	CHBT	60.28 251	P	P	09 46 32.4 +3.6
CHBT	comp=Z,38nm,1.0s,comp=Z,3nm				
FINES	FINESS Array B	60.38 336	P	P	09 46 28.3 -0.6
FINES	comp=Z,2.1nm,0.5s,baz=45,slow=5.7,SNR=9.2				
FINES	FINESS Array B	60.38 336	P	P	09 46 29.7 +0.8
FINES	comp=Z,2.0nm,0.6s		pmax	pmax	
PHET	Kaeng Krachan	61.72 253	P	P	09 46 41.3 +2.7
PHET	comp=Z,15m,0.8s				
OBN	Oblinsk	62.69 327	eP	P	09 46 42.9 -1.7
OBN	comp=Z,3.0nm,0.7s		pmax	pmax	
OBN	comp=Z,108nm,17.0s		MLR	MLR	
OBN	NORSAR Subarra	63.86 343	P	P	09 46 51.9 -0.4
OBN	comp=Z,2.0nm,0.5s,baz=25,slow=6.9				
NOA	NORSAR Array B	63.86 343	P	P	09 46 52.1 -0.1
NOA	comp=Z,2.3nm,0.5s,baz=21,slow=6.1,SNR=17				
HFS	Hagfors	64.25 342	P	P	09 46 54.6 -0.3
HFS	comp=Z,3.9nm,0.5s,baz=45,slow=4.4,SNR=32				

GEYT	Alicebeck	67.04 303	P	P	09 47 12.9 -0.3
GEYT	comp=Z,3.2nm,0.6s,baz=35,slow=5.4,SNR=4.3		LR	LR	10 18 42.0
AKASG	Malin Array Be	68.81 329	P	P	09 47 23.4 -0.6
AKASG	comp=Z,93nm,19.9s,baz=25,slow=36				
AKASG	Malin Array Be	68.81 329	eP	P	09 47 23.7 -0.3
AKASG	comp=Z,1.5nm,0.4s,baz=30,slow=6.2,SNR=13		pmax	pmax	
KIEV	Kiev	68.82 329	eP	P	09 47 23.3 -0.8
KIEV	comp=Z,1.0nm,0.1s				
KIEV	Kiev	68.82 329	eP	P	09 47 23.3 -0.8
KIEV	comp=Z,12nm,1.1s		pmax	pmax	
KBZ	Khabaz	69.61 316	P	P	09 47 29.6 +0.6
KBZ	comp=Z,1.7nm,0.8s,baz=167,slow=5.0,SNR=4.4				
TXAR	Lajitas Array	71.12 66	P	P	09 47 38.3 -0.4
TXAR	comp=Z,0.5nm,0.5s,baz=298,slow=4.7,SNR=15				
EKA	Eskdalemuir Ar	71.42 350	P	P	09 47 39.4 -0.5
EKA	comp=Z,0.9nm,0.4s,baz=21,slow=5.8,SNR=6.6				
KWP	Kalwaria Pacla	71.72 332	eP	P	09 47 42.8 +1.0
KWP	comp=Z,2.0nm,0.8s		pmax	pmax	
KWP	Kalwaria Pacla	71.72 332	iP	P	09 47 42.3 +0.5
KWP	comp=Z,2.0nm,0.8s		pmax	pmax	
OJC	Ojcow	71.98 334	eP	P	09 47 44.1 +0.7
OJC	comp=Z,7.8nm,0.8s				
OJC	Ojcow	71.98 334	eP	P	09 47 44.1 +0.7
OJC	comp=Z,8.0nm,0.8s		pmax	pmax	
STHS	Stebnicka Huta	72.32 333	eP	P	09 47 46.6 +1.2
STHS	comp=Z,6.0nm,0.8s		pmax	pmax	
STHS	Stebnicka Huta	72.32 333	eP	P	09 47 46.6 +1.2
STHS	comp=Z,6.0nm,0.8s		pmax	pmax	
KOLS	Kolonicek sedl	72.47 332	eP	P	09 47 46.7 +0.4
KOLS	comp=Z,4.7nm,2.8s				
KOLS	Kolonicek sedl	72.47 332	eP	P	09 47 46.7 +0.4
KOLS	comp=Z,4.7nm,2.8s		pmax	pmax	
NIE	Niedzica	72.58 333	eP	P	09 47 47.5 +0.5
NIE	comp=Z,1.4nm,1.1s				
CLL	Colim	72.63 339	iP	P	09 47 47.5 +0.3
CLL	comp=Z,1.4nm,1.1s				
CLL	Colim	72.63 339	iP	P	09 48 03.0 -1.3
CLL	comp=Z,1.7nm,1.1s				
CLL	Colim	72.63 339	iP	P	09 47 47.5 +0.3
CLL	comp=Z,1.4nm,1.1s				
CLL	Colim	72.63 339	iP	P	09 48 03.0 -1.3
CLL	comp=Z,1.4nm,1.1s				
UPC	Udice	72.68 337	eP	P	09 47 48.4 +0.9
UPC	comp=Z,2.0nm,0.7s				
UPC	Udice	72.68 337	eP	P	09 47 48.4 +0.9
UPC	comp=Z,2.0nm,0.7s				
CRVS	Cervenica-Dubn	72.73 333	eP	P	09 47 47.7 -0.1
CRVS	comp=Z,2.0nm,0.7s				
CRVS	Cervenica-Dubn	72.73 333	eP	P	09 47 47.7 -0.1
CRVS	comp=Z,2.0nm,0.7s				
DPD	Dobruška-Polom	72.75 336	iP	P	09 47 48.1 +1.1
DPD	comp=Z,2.0nm,0.7s				
DPD	Dobruška-Polom	72.75 336	iP	P	09 47 48.1 +1.1
DPD	comp=Z,2.0nm,0.7s				
BUR08	Bucovina Ar. S	72.75 330	eP	P	09 47 48.7 +0.6
BUR08	comp=Z,2.0nm,0.7s				
BUR08	Bucovina Ar. S	72.75 330	eP	P	09 47 48.7 +0.6
BUR08	comp=Z,2.0nm,0.7s				
BUR04	Bucovina Ar. S	72.77 330	iP	P	09 47 48.4 +0.1
BUR04	comp=Z,2.0nm,0.7s				
BUR04	Bucovina Ar. S	72.77 330	iP	P	09 47 48.4 +0.1
BUR04	comp=Z,2.0nm,0.7s				
BURAR	Bucovina Array	72.77 330	iP	P	09 47 48.5 +0.2
BURAR	comp=Z,2.0nm,0.7s				
BURAR	Bucovina Array	72.77 330	iP	P	09 47 48.5 +0.2
BURAR	comp=Z,2.0nm,0.7s				
BRG	Bergjieshubel	72.83 338	eP	P	09 47 48.3 -0.1
BRG	comp=Z,3.7nm,0.8s		pmax	pmax	
BRG	Bergjieshubel	72.83 338	eP	P	09 47 48.3 -0.1
BRG	comp=Z,3.7nm,0.8s		pmax	pmax	
MORC	Moravsky Berou	72.98 335	iP	P	09 47 50.2 +0.8
MORC	comp=Z,4.0nm,0.8s				
MORC	Moravsky Berou	72.98 335	iP	P	09 47 50.1 +0.8
MORC	comp=Z,3.8nm,1.0s				
MORC	Moravsky Berou	72.98 335	eP	P	09 47 50.1 +0.8
MORC	comp=Z,3.8nm,1.0s		pmax	pmax	
KECS	Kecovo	73.38 333	eP	P	09 47 52.3 +0.6
KECS	comp=Z,3.8nm,1.0s				
KECS	Kecovo	73.38 333	eP	P	09 47 52.3 +0.6
KECS	comp=Z,3.8nm,1.0s		pmax	pmax	
PRU	Pruhonice	73.52 337	iP	P	09 47 53.6 +1.2
PRU	comp=Z,2.0nm,0.7s				
PRU	Pruhonice	73.52 337	iP	P	09 47 53.6 +1.2
PRU	comp=Z,2.0nm,0.7s				
GOPC	GO Pecny, Ondr	73.53 337	eP	P	09 47 53.6 +1.1

28d 9h

237A	Washetta, Mont baz=156	22.31	339	P	P	09 41 49.2 +0.5
139A	Bunkhouse Ranc baz=160	22.48	343	P	P	09 41 51.3 +0.8
236A	Kathene and baz=154	22.56	338	P	P	09 41 51.8 +0.4
433A	Art baz=146	22.57	331	P	P	09 41 51.8 +0.3
334A	Lometa baz=149,SNR=7.7	22.67	334	P	P	09 41 53.4 +0.8
138A	Matatall Enter baz=158,SNR=16	22.67	341	P	P	09 41 54.0 +1.4
JCT	Junction City baz=145	22.68	330	P	P	09 41 53.2 +0.4
JCT	Junction City comp=Z,7.3nm,0.8s	22.68	330	eP	P	09 41 54.4 +1.6
137A	Heron Place, G baz=156	22.83	340	P	P	09 41 54.9 +0.7
WHX	Lake Whitney, baz=152	22.91	336	P	P	09 41 55.4 +0.3
136A	Ennis baz=154,SNR=5.0	22.99	338	P	P	09 41 56.5 +0.6
333A	Richland Sprin baz=148,SNR=10	22.99	332	P	P	09 41 56.0 0.0
WLAR	White Oak Lake comp=Z,1.9nm,0.8s	23.10	346	eP	P	09 41 57.9 +1.0
Z38A	Mt. Pleasant baz=150	23.19	342	P	P	09 41 57.9 +0.1
234A	Clairette baz=150	23.20	335	P	P	09 41 58.1 0.0
OXF	Oxford comp=Z,3.2nm,0.8s	23.30	354	eP	P	09 41 59.2 +0.3
Z37A	Pogue Cattle C baz=157	23.34	341	P	P	09 41 59.7 +0.4
135A	Vickery Place, baz=159	23.39	337	P	P	09 41 59.8 +0.1
Y40A	Okolona baz=163	23.45	346	P	P	09 42 00.6 +0.2
233A	Rising Star baz=148	23.54	333	P	P	09 42 01.0 -0.3
Y39A	Lockesburg baz=150	23.58	344	P	P	09 42 01.7 0.0
134A	White-Moore Ra baz=151,SNR=8.0	23.67	335	P	P	09 42 02.6 +0.1
Z36A	Blue Ridge baz=155	23.68	339	P	P	09 42 02.6 +0.1
Y38A	Ilabel baz=160	23.75	343	P	P	09 42 02.9 -0.2
X40A	Basin Creek Fa baz=165	23.81	347	P	P	09 42 03.6 -0.1
SWET	Sewanee comp=Z,6.1nm,1.7s	23.88	2	eP	P	09 42 04.7 +0.3
TXAR	Lajitas Array comp=Z,5.2nm,0.7s,baz=135,slow=10,SNR=7.0	23.97	321	P	P	09 42 06.0 +0.6
TXAR	Lajitas Ar. Si comp=Z,2.2nm,0.9s,baz=157,slow=2.9,SNR=10	23.97	321	eP	PcP	09 42 05.0 +2.1
TX31	Lajitas Ar. Si	23.97	321	eP	P	09 42 05.7 +0.2
TX31	Lajitas Ar. Si	23.97	321	eP	P	09 42 06.1 +0.7
TX31	Lajitas Ar. Si	23.97	321	eP	P	09 45 48.7 +1.8
TX31	Lajitas Ar. Si	23.97	321	eP	P	09 45 50.6 +3.7
UALR	University of comp=Z,1.2nm,0.8s	23.99	349	eP	P	09 42 05.4 0.0
Z35A	Perchaven, San baz=154	24.02	338	P	P	09 42 05.8 +0.1
MIAR	Mount Ida baz=163,SNR=11	24.03	346	P	P	09 42 05.8 0.0
MIAR	Mount Ida comp=Z,1.2nm,0.8s	24.03	346	eP	P	09 42 05.4 -0.4
133A	Hamilton Ranch baz=149,SNR=5.3	24.05	334	P	P	09 42 06.5 +0.4
Y37A	Hugo baz=158,SNR=14	24.06	342	P	P	09 42 07.2 +1.1
X39A	Fountain Ranch baz=162	24.13	345	P	P	09 42 06.9 +0.2
CPCT	Cooper Cave Durant	24.18	4	eP	P	09 42 08.7 +1.5
Y36A	Durant	24.20	340	P	P	09 42 08.2 +0.8
KMSC	Kings Mountain baz=193	24.29	11	P	P	09 42 08.2 0.0
Z34A	Collier Ranch, baz=152	24.31	337	P	P	09 42 08.3 -0.1
ABTX	Abilene Hawle baz=148	24.39	333	P	P	09 42 08.6 -0.5
ABTX	Abilene Hawle comp=Z,1.9nm,1.1s	24.39	333	eP	P	09 42 10.1 +0.9
TKL	Tuckaleechee C comp=Z,7.7nm,0.9s,baz=174,slow=13,SNR=8.2	24.45	6	eP	P	09 42 09.0 -0.7
TKL	Tuckaleechee C comp=Z,1.6nm,1.1s	24.45	6	eP	P	09 42 10.4 +0.7
Y35A	Marietta baz=153,SNR=5.8	24.46	339	P	P	09 42 11.3 +1.6
X38A	Whitesboro baz=160,SNR=10	24.47	344	P	P	09 42 10.3 +0.5
WHAR	Woolly Hollow comp=Z,1.5nm,0.8s	24.48	349	eP	P	09 42 09.6 -0.3
W40A	Ferguson Farm, baz=165	24.54	347	P	P	09 42 10.4 0.0
H06E1	SOCORRO T-PHASE SNR=5.6	24.55	291	T	T	10 07 29.4
X37A	Clayton baz=159,SNR=11	24.55	343	P	P	09 42 11.1 +0.6
Z33A	Whitaker Ranch baz=150,SNR=6.6	24.58	335	P	P	09 42 11.7 +0.9
W39A	Magazine baz=163,SNR=6.0	24.70	346	P	P	09 42 12.1 +0.2
W38A	Poteau baz=161,SNR=13	24.77	345	P	P	09 42 12.7 +0.2
Y34A	Reagan Ranch, baz=153	24.77	338	P	P	09 42 12.5 -0.1
X36A	Centrahoma baz=157,SNR=25	24.84	341	P	P	09 42 13.7 +0.6
X35A	Drake baz=155	24.89	339	P	P	09 42 14.8 +1.2
W37B	Quinton baz=159,SNR=6.3	25.08	343	P	P	09 42 15.1 -0.3
Y33A	Hilltop Ranch, baz=151	25.15	336	P	P	09 42 15.7 -0.3
CNNC	Cliffs of the V39A Pettigrew baz=164,SNR=8.1	25.20	17	eP	PcP	09 45 49.0 -0.3
V39A	Pettigrew	25.29	347	P	P	09 42 17.0 -0.3
W36A	Wetumka baz=158	25.32	342	P	P	09 42 17.3 -0.3
X34A	Smith Ranch, M baz=154	25.37	338	P	P	09 42 17.5 -0.6
V38A	Canehill baz=162	25.49	345	P	P	09 42 18.3 -0.8
W35A	Tecumseh baz=156	25.54	340	P	P	09 42 19.0 -0.5
X33A	Lawton baz=152,SNR=9.0	25.57	337	P	P	09 42 19.8 -0.1
U40A	Yellville baz=166,SNR=11	25.62	348	P	P	09 42 19.7 -0.5
PBMO	Poplar Bluff comp=Z,1.2nm,0.9s	25.65	353	eP	P	09 42 20.1 -0.3
V37A	Hulbert baz=160,SNR=9.8	25.70	344	P	P	09 42 20.1 -0.9
U39A	Green Forest baz=164,SNR=7.5	25.77	347	P	P	09 42 20.9 -0.8
X32A	Elmer baz=150	25.77	336	P	P	09 42 20.7 -1.0
HHAR	Hobbs comp=Z,7.6nm,0.8s	25.78	346	eP	P	09 42 21.4 -0.3
V36A	Jenks baz=159	25.83	343	P	P	09 42 21.3 -0.9
WMOK	Wichita Mounta comp=Z,3.9nm,1.0s	25.85	337	eP	P	09 42 24.8 +2.4
TUL1	Leonard baz=159,SNR=5.4	25.91	343	P	P	09 42 22.3 -0.5
TUL1	Leonard comp=Z,1.4nm,0.8s	25.91	343	eP	P	09 42 22.4 -0.5
W34A	Bridge Creek, baz=154	25.92	339	P	P	09 42 22.3 -0.7
W34A	Bridge Creek, comp=Z,3.6nm,0.9s	25.92	339	eP	P	09 42 23.2 +0.2
U38A	Gravette baz=162,SNR=8.4	26.03	346	P	P	09 42 22.8 -1.2
V35A	Meyer Ranch, C baz=157	26.09	341	P	P	09 42 23.7 -0.8
U37A	Saline baz=161	26.18	344	P	P	09 42 24.7 -0.6
T40A	Mansfield baz=167	26.33	349	P	P	09 42 25.7 -0.9
U36A	Oologah baz=160	26.34	343	P	P	09 42 26.1 -0.6
T39A	Clever baz=165,SNR=7.2	26.37	348	P	P	09 42 26.0 -1.0
V34A	Guthrie baz=155,SNR=6.3	26.38	340	P	P	09 42 26.2 -0.9

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V34A	Guthrie comp=Z,1.8nm,0.7s	26.38	340	eP	P	09 42 26.5 -0.6
SIUC	Southern Ilin comp=Z,2.2nm,0.9s	26.46	356	eP	P	09 42 27.8 0.0
T38A	Diamond baz=163	26.58	346	P	P	09 42 28.0 -0.9
U35A	Pawnee baz=157	26.61	342	P	P	09 42 28.5 -0.8
V33A	Lossen Ranch, baz=157	26.63	339	P	P	09 42 28.7 -0.7
MNTX	Cornudas Mount baz=135	26.69	323	P	P	09 42 29.1 -0.8
MNTX	Cornudas Mount comp=Z,2.2nm,1.9s	26.69	323	eP	P	09 42 29.7 -0.3
S40A	Lebanon baz=167	26.76	350	P	P	09 42 29.6 -0.9
T37A	Cheneyville 18 baz=165,SNR=5.5	26.81	345	P	P	09 42 30.5 -0.5
WCI	Landotte Cave comp=Z,1.9nm,1.0s	26.88	1	eP	P	09 42 31.8 +0.1
U34A	Anderson Ranch baz=156	26.93	340	P	P	09 42 31.5 -0.6
MSTX	Muleshoe baz=143	26.98	330	P	P	09 42 31.7 -1.0
MSTX	Muleshoe comp=Z,1.2nm,0.8s	26.98	330	eP	P	09 42 32.8 +0.1
S39A	Bolivar baz=165,SNR=16	27.00	346	P	P	09 42 32.2 -0.5
T36A	Boggs Farm, C baz=160,SNR=8.0	27.01	344	P	P	09 42 32.0 -0.8
T35A	Sooner Cattle baz=164	27.05	343	P	P	09 42 32.3 -0.9
S38A	Stockton baz=164	27.06	347	P	P	09 42 32.4 -0.9
U33A	Lingo Farm, Me baz=165	27.12	340	P	P	09 42 32.4 -1.4
R40A	Maddies Statio baz=168	27.39	350	P	P	09 42 35.1 -1.1
S37A	Fort Scott baz=162,SNR=7.3	27.40	346	P	P	09 42 35.6 -0.6
OLIL	Oliver comp=Z,1.7nm,0.9s	27.41	358	eP	P	09 42 36.5 +0.2
R39A	Chumby, Stover baz=166,SNR=7.7	27.55	349	P	P	09 42 36.4 -1.3
S36A	Lake Cedric, C baz=161,SNR=5.5	27.55	345	P	P	09 42 37.1 -0.5
R38A	Fenwick Farm, baz=164,SNR=7.4	27.60	348	P	P	09 42 37.0 -1.0
S35A	Otter Creek Ra baz=159,SNR=7.8	27.71	343	P	P	09 42 38.5 -0.5
BLO	Bloomington comp=Z,7.7nm,1.9s	27.82	0	eP	P	09 42 40.4 +0.4
R37A	Teagarden Farm baz=163	27.92	346	P	P	09 42 40.3 -0.6
Q40A	Wau Farm, Aux baz=169	28.05	351	P	P	09 42 41.0 -1.1
T32A	Huddler Ranch, baz=154	28.07	339	P	P	09 42 41.3 -1.1
R36A	Opforn, Harris baz=161	28.10	345	P	P	09 42 41.4 -1.2
Q39A	Willow Grove F baz=167	28.25	350	P	P	09 42 42.9 -1.0
Q38A	Cooks Store, C baz=169	28.29	349	P	P	09 42 42.9 -1.2
Q37A	Longview Farm, baz=164	28.38	347	P	P	09 42 43.7 -1.3
R34A	Isabella, Hill baz=159	28.55	342	P	P	09 42 46.0 -0.6
P40A	Paris baz=169	28.57	351	P	P	09 42 45.8 -0.9
P39A	Salisbury baz=167	28.64	350	P	P	09 42 46.6 -0.8
Q36A	Arnold C. Orve baz=162	28.69	346	P	P	09 42 46.8 -1.0
121A	Cookes Peak, D comp=Z,6.1nm,0.9s	28.73	321	eP	P	09 42 50.4 +2.0
Q35A	Mieser Eighty, baz=160	28.74	345	P	P	09 42 47.6 -0.7
R33A	Olander Ranch, baz=156	28.78	341	P	P	09 42 47.7 -0.9
P38A	Dawn baz=166,SNR=9.5	28.91	349	P	P	09 42 48.4 -1.4
SFIN	Lafayette baz=179	29.02	359	P	P	09 42 49.8 -0.9
P37A	Lathrop baz=161	29.04	348	P	P	09 42 50.0 -0.9
Q34A	Chapman baz=159	29.04	343	P	P	09 42 50.2 -0.7
ACSO	Alum Creek Sta comp=Z,3.9nm,0.8s	29.06	6	P	P	09 42 41.4 -1.0
PTGA	Pitting comp=Z,8.1nm,19.4s,baz=280,slow=40	29.11	112	LR	LR	09 56 16.4
KSU1	Kansas State U baz=160	29.12	344	P	P	09 42 50.5 -1.0
KSU1	Kansas State U comp=Z,2.0nm,0.9s	29.12	344	eP	P	09 42 49.1 -2.4
O40A	La Belle baz=169	29.13	352	P	P	09 42 50.4 -1.2
P36A	Good Intent, A baz=163,SNR=5.8	29.26	346	P	P	09 42 52.5 -0.3
O39A	Kirksville baz=168	29.36	351	P	P	09 42 52.6 -1.1
P35A	Duane Minner, baz=161	29.36	345	P	P	09 42 52.6 -1.2
Q33A	Connelly Farm, 					

28d 11h

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like OBNSK, MALIN ARRAY SI, KIEV, etc.

2011 FEB

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like AAK, ALA-ARCHA, FRU, etc.

1390

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like CMAR, DBIC, BILL, etc.

ADC 28 10:54:47.5-2.7, 23.265S-178.72W, h0km, mb4.2/4, mb1 4/4, mb1mx3.9, mbtm4.2, Error ellipse: s-maj=160.8km s-min=32.1km az=153.0, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like STKA, ASAR, WRA, etc.

ISK 28 11:00:18.8, 35.94N-45.75E, h2km, ML4.2 AZER 28 11:00:20.2, 1.7, 35.33N-45.45E, h20km, Error ellipse: s-maj=14.6km s-min=8.5km az=156.0

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like IKRK, IDHR, etc.

ISN 28 11:00:26.9, 1.8, 36.24N-45.50E, h21km, 5km, ML4.1 TEH 28 11:00:26.0, 36.35N-45.69E, h9km, ML4.0

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like IBST, ILIN, etc.

CUKT Cukurra 1.92 301 ePn Sb 11 00 57.1 -1.6 CUKT Cukurra 1.92 301 ePn Sb 11 00 57.1 -1.6

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like HAKT, IGHG, etc.

ISRB Sarab 2.21 451 ePn Pn 11 01 02.4 -0.4 ISRB Sarab 2.21 451 ePn Pn 11 01 02.4 -0.4

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like IMRD, IKOM, etc.

SIRT Sirkak 2.87 296 ePn Pn 11 01 10.5 -1.2 SIRT Sirkak 2.87 296 ePn Pn 11 01 10.5 -1.2

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like NAX, GEVA, etc.

ULN	comp=Z,11nm,1.2s		pmax	pmax		
SONA1	Songino Array	31.02 290	eP	P	13 11 42.0	-1.4
SONM	Songino Array	31.03 290	eP	P	13 11 42.0	-1.4
SONM	comp=Z,3.0nm,0.6s,baz=74,slow=7.5,SNR=17		PcP	PcP	13 14 37.2	-1.5
SONM	comp=Z,1.0nm,0.7s,baz=138,slow=2.2,SNR=4.3		LR	LR	13 25 04.6	
TLY	Talaya	31.98 298	eP	LR	13 25 44.9	
TLY	Talaya	31.98 298	eP	P	13 11 50.3	-1.3
TLY	Talaya	31.98 298	eP	P	13 11 50.3	-1.3
TLY	comp=Z,4.0nm,0.6s		pmax	pmax		
ZAK	Zakamensk	32.45 296	eP	P	13 11 53.5	-2.3
ZAK			e		13 13 13.8	
ZAK			e		13 14 41.8	
ZAK			pmax	pmax		
TTA	Tatalina	33.22 41	eP	P	13 12 03.4	+1.0
TTA	Tatalina	33.22 41	eP	P	13 12 03.4	+1.0
WHN	Wuhan	33.27 255	iP	P	13 12 03.5	+0.5
WHN			pP	pP	13 12 08.8	-2.9
WHN			S	S	13 12 20.8	-0.5
WHN	comp=Z,54nm,0.9s		pmax	pmax		
WHN	comp=Z,970nm,20.8s		LR	LR		
TPUB	Ta-pu	34.27 239	eP	P	13 12 12.0	+0.2
TWG	Pinlang	34.37 238	eP	P	13 12 12.6	-0.1
KDAK	Kodiak Island	34.89 50	P	P	13 12 16.4	+0.3
KDAK	Kodiak Island	34.89 50	P	P	13 12 17.8	+1.0
XAN	Xi'an	34.94 265	eP	P	13 12 17.5	-0.1
XAN			pP	pP	13 12 24.5	-1.7
XAN			sP	sP	13 12 28.0	-1.8
XAN	comp=Z,44nm,1.3s		pmax	pmax		
XAN	comp=Z,78nm,4.2s		LR	LR		
XAN	comp=Z,490nm,16.3s		LR	LR		
XAN	comp=Z,400nm,16.3s		LR	LR		
XAN	comp=Z,690nm,17.3s		LR	LR		
PPLA	Purkeyville	34.96 41	eP	P	13 12 19.2	+1.6
SPU	Mount Spurr	35.00 44	eP	P	13 12 18.9	+1.1
CAST	Castle Rocks	35.03 40	eP	P	13 12 19.8	+1.7
BPAW	Bear Paw Mtn	35.55 39	eP	P	13 12 23.3	+0.8
MLY	Manley	35.71 38	eP	P	13 12 25.1	+1.2
COLD	Coldfoot	36.12 34	eP	P	13 12 27.2	-0.1
MCK	McKinley	36.45 40	eP	P	13 12 31.1	+0.9
MCK	McKinley	36.45 40	eP	P	13 12 31.1	+0.9
MCK	McKinley	36.45 40	eP	P	13 12 31.1	+0.9
MCK			eP	pmax		
RND	Reindeer	36.48 40	eP	P	13 12 31.6	+1.1
RND	Reindeer	36.48 40	eP	P	13 12 31.6	+1.1
RND	Reindeer	36.48 40	eP	pmax		
RND	Enshi	36.73 260	eP	P	13 12 32.6	-0.4
SML	Sawmill	36.77 43	eP	P	13 12 32.5	-0.4
SML	Sawmill	36.77 43	eP	P	13 12 32.5	-0.4
SML			eP	pmax		
MDM	Murphy Dome	36.77 38	eP	P	13 12 34.3	+1.3
WRH	Wood River Hill	36.82 39	eP	P	13 12 34.3	+1.0
COLA	College	36.93 38	eP	P	13 12 34.5	+0.3
COLA	College	36.93 38	eP	P	13 12 34.5	+0.3
COLA	College	36.93 38	eP	P	13 12 34.5	+0.3
COLA			eP	pmax		
CCB	Clear Creek Bu	36.95 38	eP	P	13 12 35.4	+1.0
HDA	Harding Lake	37.32 39	eP	P	13 12 38.3	+0.8
IL1	Eielson Array	37.34 38	eP	P	13 12 37.6	-0.1
ILAR	Eielson Array	37.34 38	eP	P	13 12 37.5	-0.2
ILAR	comp=Z,5.1nm,1.0s,baz=259,slow=7.7,SNR=37		LR	LR	13 30 17.2	
ILB	Eielson Array	37.34 38	eP	P	13 12 37.9	+0.1
LZH	Lanzhou	37.37 272	iP	P	13 12 39.8	+1.3
LZH			pP	pP	13 12 46.8	-0.5
LZH			sP	sP	13 12 51.0	+0.2
LZH			S	S	13 18 18.0	-6.7
LZH			SS	SSn	13 20 58.3	-4.0
LZH	comp=Z,320nm,1.2s		pmax	pmax		
LZH	comp=Z,870nm,4.8s		pmax	pmax		
LZH	comp=Z,2um,16.9s		LR	LR		
LZH	comp=Z,3um,16.3s		LR	LR		
LZH	comp=Z,4um,17.8s		LR	LR		
KLU	Klutina	37.94 43	eP	P	13 12 42.8	-0.1
FYU	Fort Yukon	38.04 35	eP	P	13 12 45.6	+2.0
GTA	Gaotai	38.54 279	eP	P	13 12 48.3	0.0
GTA			pP	pP	13 12 54.0	-3.0
GTA			S	S	13 15 01.5	+1.0
GTA			PcS	PcS	13 18 58.0	+0.9
GTA			SS	SSn	13 21 21.3	-8.9
GTA	comp=Z,4.0nm,1.2s		pmax	pmax		
GTA	comp=Z,120nm,5.7s		LR	LR		
GTA	comp=Z,470nm,14.7s		LR	LR		
GTA	comp=Z,410nm,17.1s		LR	LR		
DOT	Dot Lake	38.62 40	eP	P	13 12 48.8	+0.3
NR1K	Noril'sk	38.99 329	P	P	13 12 49.7	-1.8
NR1K	comp=Z,3.6nm,0.6s,baz=116,slow=7.4,SNR=5.7		LR	LR	13 29 36.0	
EGAK	Eagle	39.79 38	eP	P	13 12 58.3	0.0
CD2	Chengdu	40.30 265	P	P	13 13 03.3	+0.4
CD2			pP	sP	13 13 15.8	+0.5
CD2			PP	PP	13 14 36.5	+0.7
CD2			PcP	PcP	13 15 06.8	+0.7
CD2			S	S	13 19 07.3	-1.3
CD2			sS	sS	13 19 28.8	+5.7
CD2			SS	SS	13 22 06.5	-1.0
CD2	comp=Z,110nm,1.1s		pmax	pmax		
CD2	comp=Z,310nm,3.9s		LR	LR		
CD2	comp=Z,330nm,15.5s		LR	LR		
CD2	comp=Z,730nm,16.0s		LR	LR		
GYA	Guiyang	41.07 257	iP	P	13 13 09.5	+0.1
GYA			pP	pP	13 13 18.8	+0.6
GYA			PP	PnPn	13 14 48.5	-0.3
GYA			PcP	PcP	13 15 11.0	+2.2
GYA			ScP	ScP	13 18 56.8	+0.6
GYA			S	S	13 19 20.5	+0.2
GYA			sS	sS	13 19 32.3	-2.4
GYA			SS	SS	13 22 15.0	-8.0

GYA	comp=Z,20nm,1.1s		pmax	pmax		
GYA	comp=Z,120nm,5.0s		pmax	pmax		
GYA	comp=Z,480nm,17.4s		LR	LR		
GYA	comp=Z,460nm,18.0s		LR	LR		
GYA	comp=Z,490nm,17.6s		LR	LR		
INK	Inuvik	42.44 32	P	P	13 13 20.6	+0.7
INK	Inuvik	42.44 32	eP	P	13 13 20.4	+0.5
INK	Inuvik	42.44 32	eP	P	13 13 20.4	+0.5
INK	Inuvik	42.44 32	eP	P	13 13 20.4	+0.5
INK	Inuvik	42.44 32	eP	P	13 13 20.4	+0.5
INK	Inuvik	42.44 32	eP	pmax		
ZAAO	Zalesovo Array	42.52 306	eP	P	13 13 18.6	-2.2
ZALV	Zalesovo Beam	42.52 306	eP	P	13 13 18.3	-2.6
ZALV	comp=Z,1.1nm,0.4s,baz=65,slow=6.9,SNR=6.7		PcP	PcP	13 15 12.7	-0.2
ZALV	comp=Z,6.6nm,0.8s,baz=90,slow=3.0,SNR=13		ScP	ScP	13 19 00.6	-0.8
ZALV	comp=Z,0.8nm,0.7s,baz=95,slow=3.3,SNR=2.8		P	P	13 32 00.4	
ZALV	comp=Z,2um,18.4s,baz=70,slow=38		P	P	13 13 25.1	-0.6
NVS	Novosibirsk	43.13 308	eP	P	13 13 25.1	-0.6
NVS	Novosibirsk	43.13 308	eP	P	13 13 25.1	-0.6
NVS			e		13 15 13.0	
QIZ	Qiongzong	44.12 247	P	P	13 13 34.8	+0.6
QIZ			sP	sP	13 13 44.3	+1.3
QIZ			S	S	13 20 07.5	+2.4
QIZ	comp=Z,7.7nm,3.5s		pmax	pmax		
QIZ	comp=Z,320nm,16.6s		LR	LR		
QIZ	comp=Z,310nm,20.4s		LR	LR		
KMI	Kunming	44.61 259	P	P	13 13 39.0	+0.7
KMI			pP	pP	13 13 46.8	-0.3
KMI			sP	sP	13 13 50.0	-0.7
KMI			PP	PP	13 15 23.3	+0.8
KMI			S	S	13 20 10.3	-2.2
KMI			sS	sS	13 20 25.3	-1.8
KMI			SS	SS	13 23 28.0	-4.9
KMI	comp=Z,33nm,1.0s		pmax	pmax		
KMI	comp=Z,150nm,5.0s		LR	LR		
KMI	comp=Z,300nm,16.6s		LR	LR		
KMI	comp=Z,220nm,16.2s		LR	LR		
KMI	comp=Z,220nm,15.2s		LR	LR		
WMQ	Urumqi	44.64 291	P	P	13 13 39.0	+0.9
WMQ			pP	pP	13 13 46.8	-0.2
WMQ			sP	sP	13 13 51.3	+0.7
WMQ			PcS	PcS	13 19 09.5	-4.4
WMQ			S	S	13 20 24.5	+1.2
WMQ			SS	SS	13 23 30.8	-1.9
WMQ	comp=Z,6.0nm,0.6s		pmax	pmax		
WMQ	comp=Z,5.7nm,4.0s		LR	LR		
WMQ	comp=Z,360nm,18.6s		LR	LR		
WMQ	comp=Z,160nm,14.2s		LR	LR		
WMQ	comp=Z,220nm,17.6s		LR	LR		
MK31	Makanchi Array	46.74 298	eP	P	13 13 53.6	-1.0
MK31	Makanchi Array	46.74 298	eP	P	13 13 53.6	-1.0
MKAR	Makanchi Array	46.74 298	eP	P	13 13 52.8	-1.8
MKAR	comp=Z,6.2nm,0.6s,baz=67,slow=8.3,SNR=35		PcP	PcP	13 15 27.2	-0.5
MKAR	comp=Z,5.7nm,0.9s,baz=53,slow=3.9,SNR=6.3		ScP	ScP	13 19 17.7	-1.3
MKAR	comp=Z,1.2nm,0.8s,baz=55,slow=2.8,SNR=5.1		LR	LR	13 34 31.3	
MKAR	comp=Z,1um,19.4s,baz=61,slow=37		P	P	13 13 53.8	-0.8
MKAR	Makanchi Array	46.74 298	eP	P	13 13 53.2	-1.4
MKAR	Makanchi Array	46.74 298	iP	P	13 13 53.2	-1.4
MKAR			pmax	pmax		
MK01	Makanchi	46.74 297	eP	P	13 13 52.9	-1.8
MAK2	Makanchi	46.93 298	eP	P	13 13 54.8	-1.3
MAK2	Makanchi	46.93 298	eP	P	13 13 54.8	-1.3
MAK2	Makanchi	46.93 298	eP	pmax		
KURK	Kurchatov	47.25 304	eP	P	13 13 56.3	-2.2
KURK	Kurchatov	47.25 304	eP	P	13 13 56.9	-1.6
KURK	Kurchatov	47.25 304	eP	P	13 13 56.3	-2.2
KURK	Kurchatov	47.25 304	eP	P	13 13 56.3	-2.2
KURK	Kurchatov	47.25 304	eP	pmax		
KURK	Kurchatov	47.25 304	eP	pmax		
PANO	Nakornpanom	48.88 250	P	P	13 14 12.9	+1.5
PANO						

Table with columns: LAST, TIP, KEST, KEST, EDSC, EDSC, MDT, TORD, TORD, DBIC, LSZ, LSZ, PTGA, MATP, LBTB, LPAZ, BOSA, BOSA, BDFC, BDFC, CPUP, CPUP. Includes station names like Lasithi, Tipmagrande, Kesra, etc.

MAN 28 13:11:33, 13:24N, 122:42E, h20km, mb4.3, ML3.1, MS2.9, 1C-2D, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like San Andres, Boac, Guinayangan, etc.

ISCJBJ 28 13:15:52.5, 0.7, 35:28N, 0:02:92.36W, 0.02, h1km, 5km, Error ellipse: s-maj=3.8km s-min=2.9km az=178.5

NEIC 28 13:15:53.4, 35:27N, 92:34W, h4km, MD2.5(CERI), After CERI

NEIC Felt [V] at Greenbrier, Felt in parts of central Arkansas. ISC 28 13:15:52.7, 1.1, 35:28N, 0:02:92.35W, 0.02, h4km, gkm, n36, c084/53, Arkansas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Woolly Hollow, University, Ferguson Farm, etc.

CSEM 28 13:16:35.6, 0.1, 39:54N, 23:49E, h15km, ML2.0, Error ellipse: s-maj=3.1km s-min=1.7km az=103.0

THE 28 13:16:36.1, 39:56N, 23:46E, h7km, 1km, ML2.1/7, Error ellipse: s-maj=1.3km s-min=0.3km az=174.0

ATH 28 13:16:34.9, 39:55N, 23:46E, h26km, 1km, ML2.0/8, Error ellipse: s-maj=1.7km s-min=0.6km az=210.0, Analyst: M. Papanikolaou. Amplitudes are expressed in micrometers. All distances are expressed in km, Aegean Sea

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

IDC 28 13:18:07.6, 1.5, 16:28S, 173:40W, h0km, mb3.7/4, mb1 4.0/4, mb1mx3.7/29, mbtmp3.7/4, MS3.3/3, Ms1 3.3/3, ms1mx3.0/27, Error ellipse: s-maj=54.3km s-min=29.6km az=138.0, Tonga Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Afiamalu, Papeete, Urewera, etc.

IDC 28 13:22:53.4, 0.9, 22:71N, 45:06W, h0km, mb3.8/10, mb1 4.1/10, mb1mx3.8/54, mbtmp3.8/10, MS3.6/3, Ms1 3.7/3, ms1mx3.1/42, Error ellipse: s-maj=27.4km s-min=19.8km az=176.0, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like San Juan, Ascension, etc.

Table with columns: LPAZ, LR, LR. Includes stations like Torodi Ar. Bea, TXAR, NOA, etc.

ISK 28 13:34:53.8, 37:09N, 36:18E, h5km, MD2.9, DDA 28 13:34:54.5, 37:13N, 36:27E, h13km, MD3.2, CSEM 28 13:34:55.2, 0.1, 37:09N, 36:20E, h2km, MD2.9, Error ellipse: s-maj=2.6km s-min=2.2km az=38.0, NSCC 28 13:34:56.0, 6.0, 37:05N, 36:35E, h5km, 10km, ML2.6, ISC 28 13:34:54.5, 1.1, 37:10N, 0:02:36.25E, 0.02, h3km, 10km, n52, c067/82, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Ceyhan, Kozan, Darouich, etc.

ISCJBJ 28 13:51:38.8, 0.4, 8:59S, 0:06:118:37E, 0.03, h139km, 5km, mb3.1/3, Error ellipse: s-maj=9.9km s-min=4.0km az=11.1, IDC 28 13:51:39.4, 6.0, 8:56S, 1:18:39E, h129km, 58km, mb2.9/3, mb1 3.1/6, mb1mx3.0/39, mbtmp3.5/6, Error ellipse: s-maj=63.2km s-min=25.7km az=67.0

JHU	Hachijo jima 2	5.42 359 P	P	16 37 19.6 +0.7	GYA		PcP	PcP	16 44 03.8 -0.4	comp=Z,1.1nm,0.8s,comp=Z,342nm	PSI	Prapat	46.30 245 eP	P	16 43 29.0 -1.9
JHU	TONANKAI O.B.S	6.51 336 P	S	16 38 29.8 -2.6	GYA		ScP	ScP	16 45 33.0 -1.9		PSI	Prapat	46.30 245 eP	P	16 43 29.0 -1.9
TT01	Boso 1	7.00 7 P	P	16 37 33.1 +3.8	GYA		ScS	ScS	16 46 58.5 -1.5		PSI	Prapat	46.30 245 eP	P	16 43 29.0 -1.9
JWZ	Kozaga	6.87 329 2	P	16 37 35.3 +1.3	GYA		pmx	pmx	16 50 53.3 -2.9	comp=Z,10.0nm,0.9s	ODAN	Odare	46.41 282 eP	P	16 43 27.2 +0.6
BSO1	Boso 3	7.11 4 P	P	16 39 00.1 -0.1	LBMI	Labuha	30.59 205 P	P	16 41 24.0 +1.3	comp=Z,2.3nm,1.7s	MDSI	Maura Dua	47.03 233 P	P	16 43 35.8 -0.5
BSO1	Boso 3	7.11 4 P	P	16 37 36.4 +1.0	CD2	Chengdu	31.63 285 i/P	P	16 41 31.3 -0.3	comp=Z,140nm,0.5s	RAMM	Ramite	47.08 282 eP	P	16 43 37.3 +0.5
ES03	Ise	7.24 338 P	P	16 39 07.0 -2.0	CD2		eP	P	16 42 55.8 +0.3	comp=Z,2.9nm,0.8s	JURN	Jiri	47.27 283 eP	P	16 43 39.4 +1.0
JIE	Miekihoku	7.25 335 P	S	16 39 08.8 +3.3	CD2		sS	S	16 46 05.0 -0.9	comp=Z,1.8nm,0.6s	GUN	Gumba	47.48 284 eP	P	16 43 40.9 +1.0
JKN2	Boso 4	7.29 3 eS	S	16 37 39.9 +2.8	CD2		sS	S	16 48 43.0 +1.6	comp=Z,2.2nm,0.7s,comp=Z,243,slow=4.4,SNR=3.0	FITZ	Fitzroy Crossi	47.58 199 P	P	16 43 39.6 -0.6
JKN2	Boso 4	7.29 3 eS	S	16 39 08.2 +2.4	CD2		pmx	pmx		comp=Z,5.9nm,0.8s,baz=28,slow=5.9,SNR=5.1	FITZ			ScP	16 48 07.4 -1.1
BSO4	Boso 4	7.29 3 eS	S	16 39 05.7 -0.7	CD2		pmx	pmx			WRAB	Tennant Creek	47.65 187 eP	P	16 43 41.4 +0.6
JHM4	Hamakita	7.33 346 P	P	16 37 39.6 +1.6	CD2		pmx	pmx		comp=Z,2.7nm,2.5s	WB2	Warramunga Arr	47.66 187 eP	P	16 43 40.3 -0.5
HMMJ	Hamamatsu 2	7.39 346 P	P	16 37 39.6 +1.6	CD2		pmx	pmx		comp=Z,2.4nm,1.4s	WB2	Warramunga Arr	47.66 187 eP	P	16 43 40.3 -0.5
JOD2	Odawara 2	7.59 355 eS	S	16 39 11.7 -0.6	LZH	Lanzhou	31.63 295 i/P	P	16 41 32.0 +0.4	comp=Z,4.6nm,0.4s,baz=8.7,slow=7.7,SNR=76	WRA			P	16 45 01.6 +0.4
JNY	Yasuok	7.85 348 P	P	16 37 44.7 +1.2	LZH		pP	P	16 42 52.3 -3.3	comp=Z,3.1nm,0.6s,baz=358,slow=3.7,SNR=92	WRA			ScP	16 46 07.8 -1.0
JAO	Obara	7.89 344 P	P	16 37 45.5 +1.6	LZH		sP	P	16 43 49.3 -2.3	comp=Z,2.8nm,0.9s,baz=1.6,slow=4.4,SNR=18	WRA			ScP	16 45 49.6 -1.7
INU	Inuyama	8.03 343 P	P	16 37 47.0 +1.7	LZH		S	S	16 46 11.0 +5.0	comp=Z,0.3nm,0.8s,baz=332,slow=1.7,SNR=5.8	ZAA	Zalesovo Array	47.73 319 eP	P	16 43 40.5 -0.5
JHU	Hanno	8.16 356 P	P	16 37 46.4 -0.2	LZH		pmx	pmx		comp=Z,2.0nm,0.8s,baz=103,slow=7.2,SNR=156	ZALV	Zalesovo Beam	47.73 319 P	P	16 45 00.4 -0.6
JRY	Ryogami san	8.35 354 P	P	16 39 17.6 -5.6	LZH		pmx	pmx		comp=Z,1.2nm,0.4s,baz=126,slow=3.9,SNR=12	ZALV			PcP	16 45 00.5 -0.4
JRY	Ryogami san	8.35 354 P	P	16 37 49.1 +0.4	LZH		pmx	pmx		comp=Z,1.6nm,0.6s,baz=113,slow=3.5,SNR=4.1	CTA	Charters Tower	47.88 172 P	P	16 43 42.3 -0.3
JAG	Ashikaga	8.72 357 P	P	16 39 24.2 -2.7	LZH		pmx	pmx		comp=Z,2.7nm,0.6s,baz=129,slow=10,SNR=21	PKIN	Phulchoki	47.97 283 eP	P	16 43 43.7 +0.1
JAG	Ashikaga	8.72 357 P	P	16 37 52.0 -0.6	LZH		pmx	pmx		comp=Z,2.7nm,0.7s,baz=141,slow=4.1,SNR=13	KKN	Kakani	48.02 284 eP	P	16 43 44.2 +0.3
JHO	Hitachi	8.92 3 P	S	16 39 28.7 -5.4	ULN	Ulaanbaatar	32.52 317 P	P	16 41 39.7 +0.6	comp=Z,2.7nm,0.7s,baz=141,slow=4.1,SNR=13	DMN	Daman	48.21 283 eP	P	16 43 45.8 +0.4
JHO	Hitachi	8.92 3 P	S	16 37 55.2 +0.6	ULN	Ulaanbaatar	32.52 317 eP	P	16 41 39.4 +0.3	comp=Z,2.0nm,0.3s,baz=41,slow=20,SNR=5.2	GSI	Gunungsitoli	48.27 244 P	P	16 43 46.0 +0.3
JHO	Hitachi	8.92 3 P	S	16 39 35.0 -2.8	ULN	Ulaanbaatar	32.52 317 eP	P	16 41 39.4 +0.3	comp=Z,4.4nm,0.8s	GSI	Gunungsitoli	48.27 244 eP	P	16 43 46.0 +0.3
MJAR	Matsushiro Arr	8.95 351 P	P	16 37 54.7 -0.3	ULN	Ulaanbaatar	32.52 317 eP	P	16 41 39.4 +0.3	comp=Z,3.0nm,0.4s,baz=103,slow=7.2,SNR=156	GSI	Gunungsitoli	48.27 244 eP	P	16 43 46.0 +0.3
MJAR	Matsushiro Arr	8.95 351 P	P	16 39 36.7 -1.8	ULN	Ulaanbaatar	32.52 317 eP	P	16 41 39.4 +0.3	comp=Z,2.2nm,0.4s,baz=145,slow=3.3,SNR=11	GSI	Gunungsitoli	48.27 244 eP	P	16 43 46.0 +0.3
MAJO	Matsushiro	8.95 351 eP	P	16 37 55.1 +0.1	ULN	Ulaanbaatar	32.52 317 eP	P	16 41 39.4 +0.3	comp=Z,3.0nm,0.4s,baz=103,slow=7.2,SNR=156	GSI	Gunungsitoli	48.27 244 eP	P	16 43 46.0 +0.3
MAJO	Matsushiro	8.95 351 eP	P	16 37 55.1 +0.1	ULN	Ulaanbaatar	32.52 317 eP	P	16 41 39.4 +0.3	comp=Z,2.2nm,0.4s,baz=145,slow=3.3,SNR=11	GSI	Gunungsitoli	48.27 244 eP	P	16 43 46.0 +0.3
MAT	Matsushiro	8.95 351 P	P	16 37 54.9 -0.1	ULN	Ulaanbaatar	32.52 317 eP	P	16 41 39.4 +0.3	comp=Z,2.2nm,0.4s,baz=145,slow=3.3,SNR=11	GSI	Gunungsitoli	48.27 244 eP	P	16 43 46.0 +0.3
MAT	Matsushiro	8.95 351 P	P	16 39 35.4 -3.1	ULN	Ulaanbaatar	32.52 317 eP	P	16 41 39.4 +0.3	comp=Z,2.2nm,0.4s,baz=145,slow=3.3,SNR=11	GSI	Gunungsitoli	48.27 244 eP	P	16 43 46.0 +0.3
MJB9	Matsu-Tunnel	8.96 351 eP	P	16 37 55.2 +0.6	ULN	Ulaanbaatar	32.52 317 eP	P	16 41 39.4 +0.3	comp=Z,2.2nm,0.4s,baz=145,slow=3.3,SNR=11	GSI	Gunungsitoli	48.27 244 eP	P	16 43 46.0 +0.3
JNU	Nakatsue	9.51 307 P	P	16 38 02.1 +1.1	ULN	Ulaanbaatar	32.52 317 eP	P	16 41 39.4 +0.3	comp=Z,2.2nm,0.4s,baz=145,slow=3.3,SNR=11	GSI	Gunungsitoli	48.27 244 eP	P	16 43 46.0 +0.3
JNU	Nakatsue	9.51 307 P	P	16 39 50.5 +1.0	ULN	Ulaanbaatar	32.52 317 eP	P	16 41 39.4 +0.3	comp=Z,2.2nm,0.4s,baz=145,slow=3.3,SNR=11	GSI	Gunungsitoli	48.27 244 eP	P	16 43 46.0 +0.3
JNU	Nakatsue	9.51 307 P	P	16 38 03.3 +2.3	ULN	Ulaanbaatar	32.52 317 eP	P	16 41 39.4 +0.3	comp=Z,2.2nm,0.4s,baz=145,slow=3.3,SNR=11	GSI	Gunungsitoli	48.27 244 eP	P	16 43 46.0 +0.3
JNU	Nakatsue	9.51 307 P	P	16 39 50.5 +1.0	ULN	Ulaanbaatar	32.52 317 eP	P	16 41 39.4 +0.3	comp=Z,2.2nm,0.4s,baz=145,slow=3.3,SNR=11	GSI	Gunungsitoli	48.27 244 eP	P	16 43 46.0 +0.3
JOW	Junigami	10.41 268 eP	P	16 38 12.4 +1.7	ULN	Ulaanbaatar	32.52 317 eP	P	16 41 39.4 +0.3	comp=Z,2.2nm,0.4s,baz=145,slow=3.3,SNR=11	GSI	Gunungsitoli	48.27 244 eP	P	16 43 46.0 +0.3
TJN	Taejon	13.73 312 i/P	P	16 38 45.5 -0.5	ULN	Ulaanbaatar	32.52 317 eP	P	16 41 39.4 +0.3	comp=Z,2.2nm,0.4s,baz=145,slow=3.3,SNR=11	GSI	Gunungsitoli	48.27 244 eP	P	16 43 46.0 +0.3
KSRS	Korea Array	14.04 317 P	P	16 38 48.9 -0.4	ULN	Ulaanbaatar	32.52 317 eP	P	16 41 39.4 +0.3	comp=Z,2.2nm,0.4s,baz=145,slow=3.3,SNR=11	GSI	Gunungsitoli	48.27 244 eP	P	16 43 46.0 +0.3
KSRS	Korea Array	14.04 317 P	P	16 41 27.7 +1.0	ULN	Ulaanbaatar	32.52 317 eP	P	16 41 39.4 +0.3	comp=Z,2.2nm,0.4s,baz=145,slow=3.3,SNR=11	GSI	Gunungsitoli	48.27 244 eP	P	16 43 46.0 +0.3
KSRS	Korea Array	14.04 317 P	P	16 43 32.1 -0.2	ULN	Ulaanbaatar	32.52 317 eP	P	16 41 39.4 +0.3	comp=Z,2.2nm,0.4s,baz=145,slow=3.3,SNR=11	GSI	Gunungsitoli	48.27 244 eP	P	16 43 46.0 +0.3
KSRS	Korea Array	14.04 317 P	P	16 38 49.0 -0.5	ULN	Ulaanbaatar	32.52 317 eP	P	16 41 39.4 +0.3	comp=Z,2.2nm,0.4s,baz=145,slow=3.3,SNR=11	GSI	Gunungsitoli	48.27 244 eP	P	16 43 46.0 +0.3
KSRS	Korea Array	14.04 317 P	P	16 38 48.9 -0.6	ULN	Ulaanbaatar	32.52 317 eP	P	16 41 39.4 +0.3	comp=Z,2.2nm,0.4s,baz=145,slow=3.3,SNR=11	GSI	Gunungsitoli	48.27 244 eP	P	16 43 46.0 +0.3
KSAR	Wonju Array Be	14.05 317 P	P	16 41 27.7 +9.4	ULN	Ulaanbaatar	32.52 317 eP	P	16 41 39.4 +0.3	comp=Z,2.2nm,0.4s,baz=145,slow=3.3,SNR=11	GSI	Gunungsitoli	48.27 244 eP	P	16 43 46.0 +0.3
KSAR	Wonju Array Be	14.05 317 P	P	16 43 32.1 -0.2	ULN	Ulaanbaatar	32.52 317 eP	P	16 41 39.4 +0.3	comp=Z,2.2nm,0.4s,baz=145,slow=3.3,SNR=11	GSI	Gunungsitoli	48.27 244 eP	P	16 43 46.0 +0.3
KSAR	Wonju Array Be	14.05 317 P	P	16 38 48.9 -0.6	ULN	Ulaanbaatar	32.52 317 eP	P	16 41 39.4 +0.3	comp=Z,2.2nm,0.4s,baz=145,slow=3.3,SNR=11	GSI	Gunungsitoli	48.27 244 eP	P	16 43 46.0 +0.3
KSAR	Wonju Array Be	14.05 317 P	P	16 38 49.0 -0.6	ULN	Ulaanbaatar	32.52 317 eP	P	16 41 39.4 +0.3	comp=Z,2.2nm,0.4s,baz=145,slow=3.3,SNR=11	GSI	Gunungsitoli	48.27 244 eP	P	16 43 46.0 +0.3
KSAR	Wonju Array Be	14.05 317 P	P	16 43 32.0 +0.8	ULN	Ulaanbaatar	32.52 317 eP	P	16 41 39.4 +0.3	comp=Z,2.2nm,0.4s,baz=145,slow=3.3,SNR=11	GSI	Gunungsitoli	48.27 244 eP	P	16 43 46.0 +0.3
ERM	Erimo	14.54 10 i/P	P	16 36 58.2 +1.7	ULN	Ulaanbaatar	32.52 317 eP	P	16 41 39.4 +0.3	comp=Z,2.2nm,0.4s,baz=145,slow=3.3,SNR=11	GSI	Gunungsitoli	48.27 244 eP	P	16 43 46.0 +0.3
ERM	Erimo	14.54 10 i/P	P	16 38 57.2 -0.7	ULN	Ulaanbaatar	32.52 317 eP	P	16 41 39.4 +0.3	comp=Z,2.2nm,0.4s,baz=145,slow=3.3,SNR=11	GSI	Gunungsitoli	48.27 244 eP	P	16 43 46.0 +0.3
INCN	Inchon	14.86 314 eP	P	16 39 15.8 +0.2	ULN	Ulaanbaatar	32.52 317 eP	P	16 41 39.4 +0.3	comp=Z,2.2nm,0.4s,baz=145,slow=3.3,SNR=11	GSI	Gunungsitoli	48.27 244 eP	P	16 43 46.0 +0.3
ASAJ	Asahikawa	16.54 7 P	P	16 39 15.8 +0.2	ULN	Ulaanbaatar	32.52 317 eP	P	16 41 39.4 +0.3	comp=Z,2.2nm,0.4s,baz=145,slow=3.3,SNR=11	GSI	Gunungsitoli	48.27 244 eP	P	16 43 46.0 +0.3
ASAJ	Asahikawa	16.54 7 P	P	16 39 16.5 +1.0	ULN	Ulaanbaatar	32.52 317 eP	P	16 41 39.4 +0.3	comp=Z,2.2nm,0.4s,baz=145,slow=3.3,SNR=11	GSI	Gunungsitoli	48.27 244 eP	P	16 43 46.0 +0.3
ASAJ	Asahikawa	16.54 7 P	P	16 46 24.2 -0.3	ULN	Ulaanbaatar	32.52 317 eP	P	16 41 39.4 +0.3	comp=Z,2.2nm,0.4s,baz=145,slow=3.3,SNR=11	GSI	Gunungsitoli	48.27 244 eP	P	16 43 46.0 +0.3
ASAJ	Asahikawa	16.54 7 P	P	16 39 16.5 +1.0	ULN	Ulaanbaatar	32.52 317 eP	P	16 41 39.4 +0.3	comp=Z,2.2nm,0.4s,baz=145,slow=3.3,SNR=11	GSI	Gunungsitoli	48.27 244 eP	P	16 43 46.0 +0.3
ASAJ	Asahikawa	16.54 7 P	P	16 46 24.2 -0.3	ULN	Ulaanbaatar	32.52 317 eP	P	16 41 39.4 +0.3	comp=Z,2.2nm,0.4s,baz=145,slow=3.3,SNR=11	GSI	Gunungsitoli	48.27 244 eP	P	16 43 46.0 +0.3
VLA	Vladivostok	16.73 339 i/P	P	16 39 18.1 +0.6	ULN	Ulaanbaatar	32.52 317 eP	P	16 41 39.4 +0.3	comp=Z,2.2nm,0.4s,baz=145,slow=3.3,SNR=11	GSI	Gunungsitoli	48.27 244 eP	P	16 43 46.0 +0.3
NACB	Ninganchiao	16.86 262 eP	P	16 39 16.9 -2.4	ULN	Ulaanbaatar	32.52 317 eP	P	16 41 39.4 +0.3	comp=Z,2.2nm,0.4s,baz=145,slow=3.3,SNR=11	GSI	Gunungsitoli	48.27 244 eP	P	16 43 46.0 +0.3
YULB	Yulu	17.35 260 eP	P	16 39 22.6 -1.6	ULN	Ulaanbaatar	32.52 317 eP	P	16 41 39.4 +0.3	comp=Z,2.2nm,0.4s,baz=145,slow=3.3,SNR=11	GSI	Gunungsitoli	48.27 244 eP	P	16 43 46.0 +0.3
SSLB	Suanguing	17.53 261 eP	P	16 39 24.5 -1.4	ULN	Ulaanbaatar	32.52 317 eP	P	16 41 39.4 +0.3	comp=Z,2.2nm,0.4s,baz=145,slow=3.3,SNR=11	GSI	Gunungsitoli	48.27 244 eP	P	16 43 46.0 +0.3
SSLB	Suanguing	17.53 261 eP	P	16 42 23.6 0.0	ULN	Ulaanbaatar	32.52 317 eP	P	16 41 39.4 +0.3	comp=Z,2.2nm,0.4s,baz=145,slow=3.3,SNR=11	GSI	Gunungsitoli	48.27 244 eP	P	16 43 46.0 +0.3
USRK	Ussuriysk Ar.	17.67 341 P	P	16 39 27.6 +0.7	ULN	Ulaanbaatar	32.52 317 eP	P	16 41 39.4 +0.3	comp=Z,2.2nm,0.4s,baz=145,slow=3.3,SNR=11	GSI	Gunungsitoli	48.27 244 eP	P	16 43 46.0 +0.3
USRK	Ussuriysk Ar.	17.67 341 P	P	16 42 27.7 +2.4	ULN	Ulaanbaatar	32.52 317 eP	P	16 41 39.4 +0.3	comp=Z,2.2nm,0.4s,baz=145,slow=3.3,SNR					

28d 16h

Table with columns: VOSK, CHKZ, BVAO, BRVK, BPAW, MLY, COLD, ZRNK, ZRNK, HYB, KK31, KKAR, MCK, MCK, SML, MDM, IL1, ILAR, ILAR, STKA, DOT, DOT, KBL, KBL, EGAK, POO, SVE, ARU, ARU, ARU, ARU, ARU, SOKR, SOKR, AB31, INK, NWAO, NWAO, AKTO, GEYT, HOPEN, SPITS, KBS, HSPB, TMCR, KLMR, KEV, RES, RES, ARCES, AREO, YKW3, YKA, YKB5, KTK1, UOSS, HATD, VRH, ASHO, TRO, URZ, ASUD, LPSR, LPSR, OBN, OBN, OBN, OBN, DAG, DAG, VSR, VSR, VORD, VORD, DGRG

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Table with columns: DGRG, KBZ, KVAR, KIV, KIV, KIV, GNI, GNI, GNI, FIA1, FINES, RPZ, AKH, AKH, YBH, KULLO, KULLO, EDM, EDM, MORF, MORF, NEW, VSU, VSU, STOK, STOK, NSS, NSS, SUMG, SUMG, SUMG, AKASG, AKBB, AKBB, KIEV, KIEV, KIEV, AK11, AK11, SCO, SCO, NV01, NVAR, NVAR, SUW, SUW, NC303, NB201, FFC, FFC, NC204, NB20, NB2, NOA, NOA, NC602, NB002, NB000, NAO01, ELK, AKN, AKN, SORM, SORM, RAYN, RAYN, HYA, HYA, TPNV, TPNV, TPNV, CHFC, BR131, BRTR, TLCR, TLCR, BR231, ASK, ASK, TESR, TETR, TIRR, TIRR, BUR08, BUR08, BURAR, BURAR, KWP, KWP, HARR, HARR, HARR, VRI, VRI, BLS5, BLS5, MANR, MANR, GNER, GNER, PDAR, PDAR, MSAB, PCOR, ISR, ISR, ISR, KOLS, KOLS, KOLS

1402

Table with columns: KOLS, SNART, ASF, MLR, MLR, DOPR, STHS, STHS, SULR, CRVS, CRVS, OJC, OJC, BAPR, VOIR, MMAI, NIE, NIE, ARR, DRGR, KECS, KECS, KECS, LANS, LANS, LOT, OKC, OKC, PSZ, PSZ, PSZ, PSZ, SIRR, KRCL, KRCL, VYHS, VYHS, DPC, DPC, DPC, ULC, ULC, ULC, BZS, BZS, WRAC, WRAC, SMOL, SMOL, EIL, BRG, BRG, BRG, MDVR, CLL, CLL, CLL, GOPC, PRU, PRU, PRU, VTS, VTS, VTS, VTS, PKSM, PKSM, CONA, KHC, KHC, KHC, GE2, GE2, GE2, GERES, GERES, MOA, SOKA, MYKA, ANMO, ABTA, IDI, FETA, BFO, BFO, BFO, DAVA, TXAR, LBTA, LBTA, TORD, TORD, BOSA, BOSA, DBIC, SDV, PTGA, SAML, SAML, LPAZ, LPAZ, PLCA

GUC 28 16:57:11.8.0.8.21:49S:67:36W, h247km, 18km, ML3.7
IDC 28 16:57:11.5.3.6.21:25S:66:56W, h222km, 53km, mb3.2/1,
mb1 3/1/3, mb1mx2/9.18, mb1mp3/6.3/ Error ellipse:
s-maj=85.8km s-min=21.4km az=101.0
ISCJ 28 16:57:12.2.1.1.21:42S:0:06:6:98W, h207km,

mb3.3/1, Error ellipse: s-maj=11.1km s-min=8.1km az=9.7
ISC 28 16:57:11.6.1.5, 21.42S, 0.07:6.9W, 0.1, h207km, n13,
c=19120, 0.5C, 3D, Southern Bolivia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IPOC Station P, comp=N, 398nm, 0.3s, etc.

IDC 28 17:12:18.9.2.5, 6.80S, 155.32E, h89km, 24km, mb3.3/7,
mb1 3.5/10, mb1mx3.4/34, mbtpp3.7/10, Error ellipse:
s-maj=24.5km s-min=13.6km az=1.0,
Bougainville-Solomon Islands region

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

IDC 28 17:26:15.1.8.8, 11.79S, 166.68E, h300km, 101km,
mb3.1/5, mb1 3.3/6, mb1mx3.0/26, mbtpp3.7/6, Error
ellipse: s-maj=75.3km s-min=28.5km az=153.0, Santa
Cruz Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, STKA Stephens Creek, etc.

WEL 28 17:37:30.3.0.1, 43.54S, 172.70E, h7km, ML3.6, 9.5C-3D,
Error ellipse: s-maj=0.7km s-min=0.5km az=90.0, South
Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CRLZ Canterbury Las, CRZL Canterbury Las, etc.

MRZ Mangatainoka R 3.59 38 PN Pn 17 38 30.5 -2.8
BFZ Birch Farm 3.89 44 PN PN 17 38 34.7 -2.7
TSZ Takapari Road 4.25 36 PN Pn 17 38 39.5 -2.9

WEL 28 17:38:36.5.0.1, 43.57S, 172.71E, h5km, ML2.9, 3.1D,
Error ellipse: s-maj=0.7km s-min=0.5km az=90.0, South
Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CRLZ Canterbury Las, CRZL Canterbury Las, etc.

ISCJB 28 17:46:39.6.0.6, 3.77N, 101.08E, 135.55E, 0.1, h350km,
mb3.2/4, Error ellipse: s-maj=12.1km s-min=9.4km
az=34.9

IDC 28 17:46:39.9.1.2, 36.96N, 135.60E, h361km, 14km,
mb2.9/4, mb1 2.9/8, mb1mx2.6/51, mbtpp3.5/8, Error ellipse:
s-maj=21.0km s-min=18.2km az=90.0

JMA 28 17:46:40.5.0.4, 36.93N, 135.50E, h349km, 4km, M3.0
ISC 28 17:46:39.5.0.9, 37.0N, 0.1x135.6E, 0.1, h350km, n14,
c=1923/15, mb3.3/4, Sea of Japan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JHH Hakui, JWT Wachi, MAT Matsushiro, etc.

ISCJB 28 17:59:16.5.0.3, 38.72N, 0.01x22.78E, 0.02, h7km, 3km,
Error ellipse: s-maj=2.5km s-min=2.2km az=39.4

CSEM 28 17:59:16.6.0.1, 38.71N, 22.79E, h5km, ML3.5, Error
ellipse: s-maj=2.1km s-min=1.9km az=115.0

THE 28 17:59:16.7.38.71N, 22.77E, h5km, ML3.3/13, Error
ellipse: s-maj=0.8km s-min=0.8km az=324.0

ATH 28 17:59:16.2.38.71N, 22.79E, h21km, 1km, ML3.1/14, Error
ellipse: s-maj=1.2km s-min=0.5km az=140.0, Analyst:
M. Papanikolaou ML Amplitudes are expressed in
micrometres All distances are expressed in km

ISC 28 17:59:16.9.0.8, 38.70N, 0.01x22.79E, 0.01, h11km, 6km,
n128, c=0973/186, 5C-6D, Greece

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EVR Evrytania, RODI Rodini, etc.

SVAN Silvan-Diyarba 2.80 304 ePn Pn 19 04 10.1 +0.8
MAZI Mazidag 3.08 287 ePn Pn 19 04 14.3 +1.1
MAZI Mazidag 3.08 287 ePn Pn 19 04 14.3 +1.1
PTK Pertek 4.39 302 ePn Pn 19 04 32.6 +1.2
PTK Pertek 4.39 302 ePn Pn 19 04 32.6 +1.2

NIED 28 19:17:00.32 10N.131.90E, h38km, Mw3.7 Best double couple: M=4.58000,1014 NP1=357.00000, 816.00000, lambda=108.00000. NP2=196.00000, 875.00000, lambda=85.00000.

JMA 28 19:17:29.6-0.1, 32.211N, 131.85E, h35km, M3.5, 5C-3D, Kyushu

Code Station Name Delta AZZ Phase ID Time Res
JTSN Tsuno 0.32 295 U P ISC h m s ISC
JTSN Tsuno 19 17 43.0 -0.5
JKIT Kitakata 0.61 327 U P S Pn 19 17 42.0 +0.2

ISCJB 28 19:36:01.6:0.6, 42.89N, 0.04:144.13E, 0.04, h44km, gkm, Error ellipse: s-maj=7.4km s-min=4.3km az=157.2

JMA 28 19:36:02.0, 42.93N, 144.10E, h43km, 1km, M2.9

SKHL 28 19:36:03.8-0.1, 42.60N, 144.55E, h47km, gkm, mb4.2/3

ISC 28 19:36:02.1:1.3, 42.88N, 0.05:144.11E, 0.03, h40km, 11km, n17, c1506/29, 1C, Hokkaido region

Code Station Name Delta AZZ Phase ID Time Res
JOB Onbets 0.21 278 Op Pn ISC h m s ISC
JOB Onbets 19 36 09.7 +0.3
JAK Akkeshi 0.45 74 P Pn 19 36 11.9 -0.2

ISK 28 19:53:03.4, 35.01N, 27.91E, h3km, MD3.5

CSEM 28 19:53:06.6:0.4, 35.22N, 27.90E, h2km, MD3.1, Error ellipse: s-maj=3km s-min=2km az=165.0

ATH 28 19:53:07.0, 35.29N, 27.85E, h22km, 2km, ML2.7/4, Error ellipse: s-maj=4.3km s-min=1.2km az=330.0. Analyst: Agalos ML Amplitudes are expressed in micrometres All distances are expressed in km

DDA 28 19:53:29.2, 36.54N, 28.59E, h7km, M3.1

ISC 28 19:53:07.1:1.4, 35.22N, 0.05:27.88E, 0.03, h15km, 10km, n45, c1510/62, Dodecanese Islands

Code Station Name Delta AZZ Phase ID Time Res
KARP Karpathos 0.67 299 Op Pn ISC h m s ISC
KARP Karpathos 19 53 28.8 -0.3
KARP Karpathos 19 53 31.3

BODT Bodrum 1.90 346 ePn Pn 19 53 40.5 -0.9
YER Yerkesik 1.94 10 ePn Pn 19 53 41.5 -0.7
YER Yerkesik 1.94 10 ePn Pn 19 53 41.5 -0.7
LAST Lasithi 1.96 269 P Pn 19 53 41.3 +1.3

ISC 28 20:01:39.5:14.0, 35.44N, 71.17E, h0km, mb3.4/2, mb1 3.2/3, mb1mx3.1/39, mbtmp3.2/3, ML2.7/1, MS2.8/1, m=1.0/1, ms1mx2.5/28, Error ellipse: s-maj=505.3km s-min=30.2km az=139.0

NNC 28 20:02:10.8:2.8, 37.03N, 70.95E, h168km, 31km, mb2.9, mbp3.8, Error ellipse: s-maj=31.4km s-min=15.8km az=146.0

ISC 28 20:02:09.3:0.3, 37.0N, 0.2:70.9E, 0.1, h200km, n10, c2011/10, 5C-1D, Hindu Kush region

Code Station Name Delta AZZ Phase ID Time Res
DZET Dzerino 2.43 319 U P ISC h m s ISC
DZET Dzerino 20 02 51.5 -1.0
DZET Dzerino 20 02 25.2 -1.1

ISC 28 20:02:32.7:19.0, 21.27S, 177.03W, h346km, 153km, mb3.2/3, mb1 3.3/4, mb1mx3.1/23, mbtmp3.9/4, Error ellipse: s-maj=151.6km s-min=70.8km az=121.0, Fiji Islands region

Code Station Name Delta AZZ Phase ID Time Res
DZM Mont Dzumac 15.39 264 Op Pn ISC h m s ISC
DZM Mont Dzumac 20 05 53.3 -1.1
STKA Stephens Creek 38.28 245 P Pn 20 09 21.0 -0.2

ISCJB 28 20:10:10.7:0.7, 43.64S, 0.03:172.89E, 0.04, h12km, 5km, mb3.8/2, MS3.3/3, Error ellipse: s-maj=6.9km s-min=3.8km az=136.7

ISC 28 20:10:10.6:1.4, 43.27S, 173.09E, h0km, mb3.9/2, mb1 4.2/2, mb1mx3.8/20, mbtmp3.9/2, MS3.4/3, M1 3.3/3, ms1mx2.9/28, Error ellipse: s-maj=105.6km s-min=37.9km az=22.0

NEIC 28 20:10:12.1, 43.61S, 172.86E, h2km, ML4.4(WEL), After WEL

NEIC Fell in Canterbury, WEL 28 20:10:13.6:0.1, 43.57S, 172.73E, h6km, ML4.4/0, Error ellipse: s-maj=6.5km s-min=0.3km az=90.0

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

ISC 28 20:10:11.9:1.2, 43.58S, 0.05:172.85E, 0.05, h8km, 8km, n103, c066/90, MS3.4/3, 4C-3D, South Island

Code Station Name Delta AZZ Phase ID Time Res
CRLZ Canterbury Las 0.16 273 Op Pn ISC h m s ISC
CRLZ Canterbury Las 20 10 15.4 +0.1
CRLZ Canterbury Las 20 10 17.0 -0.6

TUWZ Tuamarina 2.30 21 Pn Pn 20 10 50.1 -0.0
TUWZ Tuamarina 2.30 21 Pn Pn 20 10 50.1 -0.0
TUWZ Tuamarina 2.30 21 Pn Pn 20 10 50.1 -0.0
TUWZ Tuamarina 2.30 21 Pn Pn 20 10 50.1 -0.0

ISC 28 20:03:6.4:6.0, 18.39S, 177.11W, h520km, 381km, mb3.4/5, mb1 3.5/5, mb1mx3.1/38, mbtmp4.3/5, Error ellipse: s-maj=344.4km s-min=101.0km az=69.0, Fiji Islands region

Code Station Name Delta AZZ Phase ID Time Res
CTA Charters Tower 34.59 261 Op Pn ISC h m s ISC
CTA Charters Tower 20 26 09.1 +0.1
STKA Stephens Creek 39.49 242 P Pn 20 26 49.0 -0.1

WEL 28 20:28:40.7:0.1, 43.56S, 172.71E, h6km, ML3.5/9, 4C-2D, Error ellipse: s-maj=0.6km s-min=0.4km az=90.0, South Island

Code Station Name Delta AZZ Phase ID Time Res
CRLZ Canterbury Las 0.07 254 U Pn Pn 20 28 42.3 0.0

V34A Reagan Ranch, P 60.59 333 P P 20 55 42.0 -0.7
V39A Pettigrew, P 60.61 337 P P 20 55 41.8 -1.0
MCWV Mont Gateau, eP 60.64 351 eP P 20 55 42.8 0.0
MCWV Drake, eP 60.64 334 eP P 20 56 08.5 -0.1
W37B Quinton, P 60.67 335 P P 20 55 42.9 -0.3
RKT Rikitea, eS 60.71 254 eS S 21 04 01.6 +8.9
RKT Rikitea, eLR 21 13 38.4
RKT Rikitea, eLR 22 00 47.0
U40A Yellowville, P 60.80 338 P P 20 55 43.0 -1.0
SIUC Southern Illin, eP 60.87 342 eP P 20 55 44.1 -0.4
V38A Canehill, P 60.91 337 P P 20 55 43.8 -1.0
W36A Wetumka, P 60.98 335 P P 20 55 44.1 -1.1
Y33A Hilltop Ranch, P 61.02 332 P P 20 55 44.8 -0.7
U39A Green Forest, P 61.04 338 P P 20 55 44.5 -1.1
HHAR Hobbs, eP 61.12 337 eP P 20 55 44.8 -1.4
HHAR Neumayer Olymp, eP 61.12 161 eP P 20 56 11.3 -0.6
VNA3 Smith Ranch, M, P 20 55 47.3 +1.5
X34A Smith Ranch, M, P 20 55 45.4 -1.2
V37A Hulbert, P 61.21 336 P P 20 55 45.9 -0.8
W35A Tecumseh, P 61.25 334 P P 20 55 46.1 -1.0
T40A Mansfield, P 61.40 339 P P 20 55 46.7 -1.3
X33A Lawson, P 61.41 333 P P 20 55 47.0 -1.2
U38A Gravette, P 61.42 337 P P 20 55 47.2 -1.0
V36A Jenks, P 61.43 335 P P 20 55 46.8 -1.5
TUL1 Leonard, P 61.48 336 P P 20 55 48.0 -0.6
TUL1 Leonard, eP 61.48 336 eP P 20 56 11.7 -2.7
BLO Bloomington, P 61.51 345 eP P 20 55 48.1 -0.6
BLO Bloomington, eP 61.51 345 eP Pmax 20 55 48.1 -0.6
T39A Clever, P 61.58 338 P P 20 55 48.0 -1.2
X32A Elmer, P 61.65 332 P P 20 55 49.2 -0.6
U37A Salina, P 61.66 336 P P 20 55 49.4 -0.3
W34A Bridge Creek, P 61.70 334 P P 20 55 49.9 -1.2
VNA2 Neumayer-Watz, P 61.70 161 P P 20 55 51.0 +1.4
ACSO Alum Creek Sta, eP 61.74 348 eP P 20 55 50.0 -0.3
ACSO Meyer Ranch, C, eP 61.77 335 eP P 20 56 15.8 -0.3
S40A Lebanon, P 61.80 339 P P 20 55 49.8 -0.9
U36A Oologah, P 61.88 336 P P 20 55 50.3 -1.0
W38A Diamond, P 61.91 337 P P 20 55 50.5 -1.0
W33A Caddo, Fort Co, P 61.92 333 P P 20 55 51.1 -0.4
N54A Moraine State, P 61.94 351 P P 20 55 51.4 -0.1
V34A Guthrie, P 62.11 334 P P 20 55 51.9 -0.9
V34A Guthrie, eP 62.11 334 eP P 20 55 52.3 -0.5
S39A Bolivar, P 62.16 338 P P 20 56 17.3 -1.4
T37A Cheneyville 18, P 62.22 337 P P 20 55 52.1 -1.1
W32A Sentinel, P 62.23 332 P P 20 55 53.2 -0.5
U35A Pawnee, P 62.25 335 P P 20 55 53.4 -0.4
S38A Stockton, P 62.31 338 P P 20 55 53.4 -0.7
R40A Maddies Statio, P 62.35 340 P P 20 55 53.4 -0.9
BBTS Babate, P 62.38 60 P P 20 55 53.5 -1.5
V33A Lossen Ranch, P 62.41 333 P P 20 55 54.6 -0.3
MTNX Cornudas Mount, P 62.42 325 P P 20 55 54.2 -0.9
MTNX Cornudas Mount, eP 62.42 325 eP P 20 55 53.8 -1.2
MTNX Oil Creek Stat, eP 62.42 351 eP P 20 55 54.7 -0.1
T36A Boggs Farm, Ca, P 62.53 336 P P 20 55 55.3 -0.2
R39A Chumby, Stover, P 62.62 339 P P 20 55 56.3 +0.1
U34A Anderson Ranch, P 62.63 334 P P 20 55 55.8 -0.5
T35A Sooner Cattle, P 62.64 335 P P 20 55 56.1 -0.2
V32A Arapaho, P 62.65 333 P P 20 55 55.9 -0.6
BINY Binghamton, eP 62.67 354 eP P 20 55 57.1 +0.7
BINY Fort Scott, eP 62.75 337 eP P 20 56 21.3 -1.0
S37A Fort Scott, eP 62.75 337 eP P 20 55 56.5 -0.6
SFIN Lafayette, P 62.80 345 P P 20 55 55.6 -1.7
SFIN Lafayette, eP 62.80 345 eP P 20 55 55.2 -2.0
SFIN Fenwick Farm, eP 62.81 338 eP P 20 56 21.9 -1.2
R38A Fenwick Farm, eP 62.81 338 eP P 20 55 56.6 -0.8
U33A Lingo Farm, Me, P 62.87 334 P P 20 55 57.0 -0.9
MSTX Muleshoe, P 62.90 329 P P 20 55 57.0 -1.3
MSTX Muleshoe, eP 62.90 329 eP P 20 55 57.8 -0.5
MSTX Muleshoe, eP 62.90 329 eP P 20 56 23.1 -1.1
Q40A Laux Farm, Aux, eP 62.92 340 eP P 20 55 57.5 -0.7
T34A Sooner Cattle, P 62.94 335 P P 20 55 57.7 -1.0
S36A Lake Cedric, C, P 63.00 337 P P 20 55 57.6 -1.1
ERPA Erie, P 63.07 351 eP P 20 55 58.6 -0.5
ERPA Erie, eP 63.07 351 eP P 20 56 25.4 +0.5
AMTX Amarillo, P 63.13 330 P P 20 55 58.5 -1.2
AMTX Amarillo, eP 63.13 330 eP P 20 55 59.4 -0.4
S35A Otter Creek Ra, P 63.24 336 P P 20 55 58.9 -1.3
R37A Teagarden Farm, P 63.25 338 P P 20 55 58.6 -1.7
Q39A Willow Grove F, P 63.26 339 P P 20 55 59.0 -1.4
SNA4 Sanae, P 63.33 161 P P 20 56 00.6 +0.1
SNA4 Sanae, eP 63.33 161 eP P 20 56 04.2 +3.7
SNA4 Sanae, eP 63.33 161 eP P 20 56 28.9 +2.4
SNA4 Sanae, eP 63.33 161 eP Pmax 20 56 01.6 +1.1
Q38A Cooks Store, C, P 63.40 339 P P 20 56 00.3 -1.0
P40A Paris, P 63.41 340 P P 20 56 00.6 -0.8
T33A Patterson Ranc, P 63.48 334 P P 20 56 01.2 -0.6
R36A Gordon, Harris, P 63.50 337 P P 20 56 01.3 -0.7

HDIL Hopedale, P 63.54 343 P P 20 56 01.3 -0.9
HDIL Hopedale, eP 63.54 343 eP P 20 56 01.2 -0.9
S34A Willow Spring, P 63.56 335 P P 20 56 01.2 -1.2
P39A Salisbury, P 63.59 340 P P 20 56 01.3 -1.3
HSIG Longview Farm, eP 63.61 319 eP P 20 56 03.4 +0.5
Q37A Longview Farm, P 63.61 338 P P 20 56 01.8 -0.9
R35A Emporia Munici, P 63.76 336 P P 20 56 03.0 -0.7
S33A Kaszmaul Farm, P 63.82 335 P P 20 56 03.9 -0.3
T32A Huddell Ranch, P 63.84 334 P P 20 56 04.0 -0.3
040A Belle, P 63.89 341 P P 20 56 03.2 -1.2
P38A Dawn, P 63.97 339 P P 20 56 03.9 -1.1
U30A WK&Inc. Balk, P 64.03 332 P P 20 56 05.0 -0.6
Q36A Arnold C. Orve, P 64.05 337 P P 20 56 04.8 -0.8
T31A Randall Ranch, P 64.08 333 P P 20 56 04.7 -1.2
R34A Isabella, Hill, P 64.13 336 P P 20 56 05.3 -0.9
Q35A Mercer Eighty, P 64.17 337 P P 20 56 05.3 -1.1
P37A Lathrop, P 64.22 339 P P 20 56 05.4 -1.3
Q39A Kirksville, P 64.22 340 P P 20 56 05.5 -1.1
U29A Oasis Ranch, S, P 64.24 332 P P 20 56 06.6 -0.4
S32A Newby Ranch, P 64.29 334 P P 20 56 06.8 -0.4
121A Cookes Peak, D, P 64.36 324 P P 20 56 08.0 0.0
121A Cookes Peak, D, eP 64.36 324 eP P 20 56 08.5 +0.5
038A Gal, P 64.40 340 P P 20 56 06.5 -1.4
R33A Olander Ranch, P 64.43 335 P P 20 56 07.7 -0.4
P36A Good Intent, A, P 64.54 338 P P 20 56 07.2 -1.5
Q34A Chapman, P 64.56 336 P P 20 56 08.2 -0.7
KSU1 Kansas State U, P 64.59 337 P P 20 56 08.3 -0.8
037A Wolfen Farm, M, P 64.65 339 P P 20 56 08.5 -1.0
P35A Duane Minner, P 64.73 337 P P 20 56 09.3 -0.8
N39A Derby Farms, D, P 64.78 341 P P 20 56 09.0 -1.2
R32A Long Quarter, P 64.82 335 P P 20 56 10.0 -0.6
S30A Montezuma, P 64.88 333 P P 20 56 10.4 -0.7
036A Bolckow, P 64.91 338 P P 20 56 10.6 -0.5
Q33A Connelly Farm, P 64.97 336 P P 20 56 11.5 -0.1
BNN Barren Site, eP 64.98 326 eP P 20 56 12.8 +0.8
BNN Barren Site, eP 64.98 326 eP P 20 56 38.5 +0.5
R31A Burdett, P 65.03 334 P P 20 56 11.9 -0.2
P34A Walnut Farm, R, P 65.06 337 P P 20 56 11.4 -0.8
LPM Los Pinos Moun, eP 65.11 326 eP P 20 56 13.4 +0.6
LPM Los Pinos Moun, eP 65.11 326 eP P 20 56 38.0 -0.9
S29A Ulysses, P 65.14 332 P P 20 56 12.4 -0.4
N37A Lee Faris, Mou, P 65.22 339 P P 20 56 12.2 -0.9
Q32A Meitler Ranch, P 65.24 335 P P 20 56 12.9 -0.5
R30A Dighton, P 65.33 333 P P 20 56 13.2 -0.8
Q35A Humboldt, P 65.36 338 P P 20 56 13.2 -0.9
LAZ Lador, eP 65.44 326 eP P 20 56 17.1 +2.1
LAZ Lador, eP 65.44 326 eP P 20 56 40.0 -0.3
S28A Manter, P 65.46 332 P P 20 56 14.0 -0.9
M38A Pleasantville, P 65.48 340 P P 20 56 13.7 -1.1
ANMO Albuquerque, LR 65.51 327 LR 21 25 17.2
ANMO Albuquerque, LR 65.51 327 LR 20 56 14.9 -0.5
ANMO Albuquerque, eP 65.51 327 eP P 20 56 15.6 +0.2
ANMO Albuquerque, eP 65.51 327 eP P 20 56 41.3 -0.2
ANMO Albuquerque, eP 65.51 327 eP P 20 56 41.3 -0.2
N36A Muff Farm, Cla, P 65.52 339 P P 20 56 14.3 -0.8
SADO Sadowa, P 65.56 352 eP P 20 56 41.8 +0.5
CBKS Cedar Bluff, P 65.57 334 P P 20 56 15.3 -0.2
CBKS Cedar Bluff, eP 65.57 334 eP P 20 56 15.8 +0.3
CBKS Cedar Bluff, eP 65.57 334 eP P 20 56 47.0 +0.7
CBKS Cedar Bluff, eP 65.57 334 eP P 20 56 47.8 +0.3
CBKS Cedar Bluff, eP 65.57 334 eP Pmax 20 56 47.0 +0.7
Q34A Beatrice, P 65.57 337 P P 20 56 14.6 -0.8
Q31A Ellis, P 65.59 334 P P 20 56 15.0 -0.7
M37A Trindle Farm, P 65.75 340 P P 20 56 15.8 -0.8
N35A Tabor, P 65.80 338 P P 20 56 16.0 -0.9
P32A Huiting Farm, P 65.80 335 P P 20 56 16.4 -0.6
Q33A Hebron, P 65.81 336 P P 20 56 15.6 -1.3
Q30A Quinter, P 65.90 334 P P 20 56 16.9 -0.8
SCIA State Center, eP 65.93 341 eP P 20 56 17.2 -0.5
SCIA State Center, eP 65.93 341 eP P 20 56 43.2 -0.6
JFWS Jewell Farm, eP 65.99 343 eP P 20 56 16.9 -1.2
JFWS Jewell Farm, eP 65.99 343 eP P 20 56 16.9 -1.2
JFWS Jewell Farm, eP 65.99 343 eP P 20 56 45.0 +0.8
JFWS Jewell Farm, eP 65.99 343 eP P 20 56 45.0 +0.8
P31A Stockton, P 66.02 335 P P 20 56 17.8 -0.7
M36A Felix, Anita, P 66.04 339 P P 20 56 17.8 -0.7
R28A Tribune, P 66.05 332 P P 20 56 17.6 -1.0
L38A Oak Wood Farm, P 66.07 341 P P 20 56 17.7 -0.9
N34A Lincoln, P 66.08 338 P P 20 56 17.4 -1.3
Q29A Oakley, P 66.15 333 P P 20 56 19.0 -0.2
Q32A Brockman Farm, P 66.23 336 P P 20 56 18.7 -1.0
T25A Trinidad, P 66.24 330 P P 20 56 20.5 +0.4
T25A Trinidad, eP 66.24 330 eP P 20 56 20.8 +0.7
T25A Trinidad, eP 66.24 330 eP P 20 56 46.5 +0.3
L37A Phoenix Point, P 66.30 340 P P 20 56 18.9 -1.1
M35A Neola, P 66.35 338 P P 20 56 19.6 -0.8
P30A Selden, P 66.39 334 P P 20 56 20.0 -0.8
K38A Parkersburg, P 66.47 341 P P 20 56 20.0 -1.1
L36A Harm Buss Farm, P 66.57 340 P P 20 56 20.4 -1.4
Q28A Sharon Springs, P 66.65 333 P P 20 56 22.2 -0.3
N32A Stulken Farm, P 66.67 336 P P 20 56 22.3 -0.2
M34A Aspy Farms, Fr, P 66.69 338 P P 20 56 22.5 -0.1

P29A Atwood, P 66.73 334 P P 20 56 22.3 -0.6
214A Organ Pipe Nat, P 66.82 320 P P 20 56 23.7 0.0
214A Organ Pipe Nat, eP 66.82 320 eP P 20 56 20.9 -2.7
K37A Belmont, P 66.84 341 P P 20 56 22.5 -1.0
O30A MW Ranch, Wils, P 66.86 335 P P 20 56 22.8 -0.9
L35A Bielow Farm, R, P 66.88 339 P P 20 56 23.2 -0.5
KSCO Kaye Shedlock, P 66.96 332 P P 20 56 24.3 -0.2
M33A Taylor Creek F, P 66.97 337 P P 20 56 23.7 -0.7
N31A Bailey Ranch, P 66.98 336 P P 20 56 23.9 -0.5
K36A Gilmore City, P 66.99 340 P P 20 56 23.5 -0.9
J38A Wedel Dairy, R, P 67.00 342 P P 20 56 23.5 -1.0
L34A Swendsen Farm, P 67.03 338 P P 20 56 24.1 -0.7
X18A Snowflake, eP 67.05 324 eP P 20 56 26.6 +1.4
BGNE Belgrade, P 67.17 337 P P 20 56 24.9 -0.8
BGNE Belgrade, eP 67.18 337 eP P 20 56 25.2 -0.5
SDCO Great Sand Dun, P 67.25 329 P P 20 56 26.1 -0.5
SDCO Great Sand Dun, eP 67.25 329 eP P 20 56 26.4 -0.2
J37A Redenius Farm, P 67.31 341 P P 20 56 25.8 -0.8
K35A Storm Lake, P 67.31 339 P P 20 56 26.0 -0.5
W18A Petrified Fore, P 67.37 325 P P 20 56 27.6 +0.3
W18A Petrified Fore, eP 67.37 325 eP P 20 56 28.5 +1.2
M31A Lambrecht Ranc, P 67.43 326 P P 20 56 27.4 +0.1
O28A Krutinger Ran, P 67.52 333 P P 20 56 27.8 -0.1
L33A Hoskins, P 67.52 338 P P 20 56 27.9 0.0
K34A Le Mars, P 67.57 339 P P 20 56 28.2 +0.1
J36A Seneca I, Swea, P 67.57 340 P P 20 56 27.6 -0.5
I38A Scanlan Farm, P 67.61 342 P P 20 56 27.9 -0.5
N29A Votaw Ranch, W, P 67.63 335 P P 20 56 28.5 -0.1
X16A Lo Mia Camp, P, P 67.80 323 eP P 20 56 31.0 +1.1
K33A Hardington, P 67.81 338 P P 20 56 29.7 +0.1
NVL N'azarevskaya, eP 67.88 159 eP Pmax 20 56 31.4 +1.7
NVL Milford, P 67.88 340 P P 20 56 30.2 +0.1
S22A 4UR Ranch, Cre, P 67.89 328 P P 20 56 31.4 +0.8
S22A 4UR Ranch, Cre, eP 67.89 328 eP P 20 56 31.2 +0.6
S22A 4UR Ranch, Cre, eP 67.89 328 eP P 20 56 56.7 -0.1
N28A Pribbeno Ranch, P 67.89 334 P P 20 56 30.0 -0.2
I37A Lemond, Waseca, P 67.91 341 P P 20 56 29.3 -0.9
Q24A Divide, P 68.06 330 P P 20 56 31.4 -0.2
Q24A Divide, eP 68.06 330 eP P 20 56 31.9 +0.3
J34A George, P 68.06 339 P P 20 56 30.7 -0.4
L31A Butterfield Fa, P 68.10 337 P P 20 56 31.4 -0.1
M29A Burnside Ranch, P 68.19 335 P P 20 56 32.8 +0.7
K32A Vendigre, P 68.20 337 P P 20 56 32.1 0.0
L30A Spencer Herefo, P 68.24 336 P P 20 56 32.8 +0.5
I35A Creekview Farm, P 68.25 340 P P 20 56 31.6 -0.8
H37A Dierke Farm, C, P 68.28 342 P P 20 56 32.0 -0.3
MVCO Mesa Verde, P 68.31 327 P P 20 56 33.6 +0.4
MVCO Mesa Verde, eP 68.31 327 eP P 20 56 33.6 +0.4
OGNE Ogallala, P 68.31 334 P P 20 56 32.8 -0.1
LIC Lamto, eP 68.32 74 eP P 20 56 32.5 -0.9
M28A Bar X Bar Ranc, P 68.42 334 P P 20 56 33.0 -0.6
J33A Davis, P 68.43 339 P P 20 56 32.6 -0.9
K31A O'Neill, P 68.46 337 P P 20 56 33.2 -0.5
TIC Toumodi, P 68.50 74 eP P 20 56 32.1 -2.5
WUAZ Wupatki, P 68.57 324 P P 20 56 35.0 +0.3
WUAZ Wupatki, eP 68.57 324 eP P 20 56 35.5 +0.8
H36A Jessenland, He, P 68.58 341 P P 20 56 37.3 -0.6
L29A Maesberg Ranch, P 68.63 335 P P 20 56 34.8 -0.1
KIC Kosan Boka, P 68.64 74 eP P 20 56 34.5 -0.9
DBIC Dimbokro, P 68.66 74 eP P 20 56 34.1 -1.4
DBIC Dimbokro, eP 68.66 74 eP P 20 57 01.8 0.0
DBIC Dimbokro, eP 68.66 74 eP P 20 57 14.3 +1.1
DBIC Dimbokro, eP 68.66 74 eP P 20 57 01.8 0.0
DBIC Dimbokro, eP 68.66 74 eP P 20 57 03.8 +0.4
DBIC Dimbokro, eP 68.66 74 eP P 20 57 04.4 -1.1
DBIC Dimbokro, eP 68.66 74 eP P 20 57 31.8 0.0
DBIC Dimbokro, eP 68.66 74 eP P 20 57 14.3 +1.1
DBIC Dimbokro, eP 68.66 74 eP P 20 57 01.8 0.0
DBIC Dimbokro, eP 68.66 74 eP P 20 57 03.8 +0.4
DBIC Dimbokro, eP 68.66 74 eP P 20 57 04.4 -1.1
DBIC Dimbokro, eP 68.66 74 eP P 20 57 31.8 0.0
DBIC Dimbokro, eP 68.66 74 eP P 20 57 14.3 +1.1
DBIC Dimbokro, eP 68.66 74 eP P 20 57 01.8 0.0
DBIC Dimbokro, eP 68.66 74 eP P 20 57 03.8 +0.4
DBIC Dimbokro, eP 68.66 74 eP P 20 57 04.4 -1.1
DBIC Dimbokro, eP 68.66 74 eP P 20 57 31.8 0.0
DBIC Dimbokro, eP 68.66 74 eP P 20 57 14.3 +1.1
DBIC Dimbokro, eP 68.66 74 eP P 20 57 01.8 0.0
DBIC Dimbokro, eP 68.66 74 eP P 20 57 03.8 +0.4
DBIC Dimbokro, eP 68.66 74 eP P 20 57 04.4 -1.1
DBIC Dimbokro, eP 68.66 74 eP P 20 57 31.8 0.0
DBIC Dimbokro, eP 68.66 74 eP P 20 57 14.3 +1.1
DBIC Dimbokro, eP 68.66 74 eP P 20 57 01.8 0.0
DBIC Dimbokro, eP 68.66 74 eP P 20 57 03.8 +0.4
DBIC Dimbokro, eP 68.66 74 eP P 20 57 04.4 -1.1
DBIC Dimbokro, eP 68.66 74 eP P 20 57 31.8 0.0
DBIC Dimbokro, eP 68.66 74 eP P 20 57 14.3 +1.1
DBIC Dimbokro, eP 68.66 74 eP P 20 57 01.8 0.0
DBIC Dimbokro, eP 68.66 74 eP P 20 57 03.8 +0.4
DBIC Dimbokro, eP 68.66 74 eP P 20 57 04.4 -1.1
DBIC Dimbokro, eP 68.66 74 eP P 20 57 31.8 0.

28d 20h

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like Y12C Blythe, G36A St. Michael, K29A Lazy Trails An, etc.

2011 FEB

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like G28A Parade, SHPR Sheep Range, H27A Howler, etc.

1408

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like AHID Auburn Hatcher, MTUW Tungsten Hills, D25A Fairies, etc.

1409

Table with columns: NEW, Newport, comp-Z, 3.9nm, 19.3s, baz=98, slow=37, LR, LR, 21 35 56.9, etc.

2011 FEB

Table with columns: KSH, comp-Z, 190nm, 5.2s, AMB, AMB, 21 05 06.8 +0.4, etc.

28d 21h

Table with columns: GYA, comp-Z, 130nm, 8.6s, PKP, PKP, 21 05 41.5 -0.4, etc.

28d 23h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like VYHS, VYHS, Ostrava-Krasne, etc.

ISCJBJ 28:23:11.49.5.0.9, 13.7S; 0.3k; 172.4E; 0.2, h600km, mb4.0/7, Error ellipse: s-maj=41.1, s-min=14.1km az=142.4

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

2011 FEB

ISCJBJ 28:23:22.32.0.6, 22.1S; 0.2; 179.6W; 0.1, h579km, mb4.3/6, Error ellipse: s-maj=21.3km s-min=10.2km az=158.3

ISC 28:23:22.32.3.1.6, 22.216S; 179.46W, h568km, 15km, mb3.7/18, mb1 3.9/18, mb1mx3.8/32, mbtmp4.6/18, Error ellipse: s-maj=19.6km s-min=12.0km az=152.0

MOS 28:23:22.44.3.1.4, 20.75S; 178.77E, h610km, mb4.5/17, Error ellipse: s-maj=18.6km s-min=14.7km az=38.6

ISC 28:23:33.0.0.5, 22.5S; 0.1; 179.5W; 0.10, h578km, n129, mb91/150, mb4.4/30, 490-7, South of Fiji Islands

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

1412

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

WEL 28:23:28.49.3.0.2, 41.16S; 173.55E, h82km, 2km, ML3.5/3, 4C-5D, Error ellipse: s-maj=11.6km s-min=1.2km az=10.3, South Island

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

Table with columns: Code, Station Name, Az, El, P, M, L, R, S, N, E, W, T, B, C, D, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z. Includes stations like Kapiti Island, Cannon Point, Kahutara, Otaki Gorge, etc.

Table with columns: Code, Station Name, Az, El, P, M, L, R, S, N, E, W, T, B, C, D, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z. Includes stations like Saathoff Ranch, Brasilia, Junction City, etc.

Table with columns: Code, Station Name, Az, El, P, M, L, R, S, N, E, W, T, B, C, D, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z. Includes stations like Kaye Shedlock, Olander Ranch, Isabella Hill, etc.

Station coordinates and parameters: IDC 28 23:42:15.8±0.2, 29:36S±112:24W, h0km, m4/2/11, mb1 4.4/1.1, mb1mx4.3/25, mbtmp4.2/11, MS5.0/17, Ms1 5.0/17, ms1mx5.0/18, Error ellipse: s-maj=30.0km s-min=21.4km az=27.0

Station coordinates and parameters: ISCJB 28 23:42:17.1±0.7, 29:45S±112:02W, h0km, h16km, mb4.9/63, MS5.1/19, Error ellipse: s-maj=16.9km s-min=8.7km az=25.8

Station coordinates and parameters: GCMT 28 23:42:17.4±0.1, 29:55S±112:28W, h18km, MW5.5/127, Moment Tensor Solution: s91, c152, s127, c247; Duration: 154 Moment tensor, Scale 1017Nm; Mw=0.16±0.03; Mw-2.40±0.03; Mw-2.56±0.04; Mw-0.68±0.08; Mw-0.01±0.03; Mw-0.26±0.07; Best double couple: M2.58900±1017 NPT±0.44.00000°, 883.00000°, λ-15.00000°. NP2±0.136.00000°, 875.00000°, λ-173.00000°. Principal axes: T 2.5850, Plg6.0000°, Azm91.0000°; N 0.0060, Plg73.0000°, Azm200.0000°; P -2.5930, Plg16.0000°, Azm359.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

Station coordinates and parameters: NEIC 28 23:42:17.4±0.3, 29:47S±112:06W, mb5.1/54 Error ellipse: s-maj=11.5km s-min=8.0km az=63.0

Station coordinates and parameters: BJI 28 23:42:18.8±0.5, 29:40S±112:10W, h10km, mb5.6/5, MS5.5/7, Ms7 5.4/7

Station coordinates and parameters: ISC 28 23:42:18.7±0.5, 29:45S±111:19W, h0.08, h16km, n245, e123/242, mb5.0/62, MS5.0/19, 2D, Easter Island Region

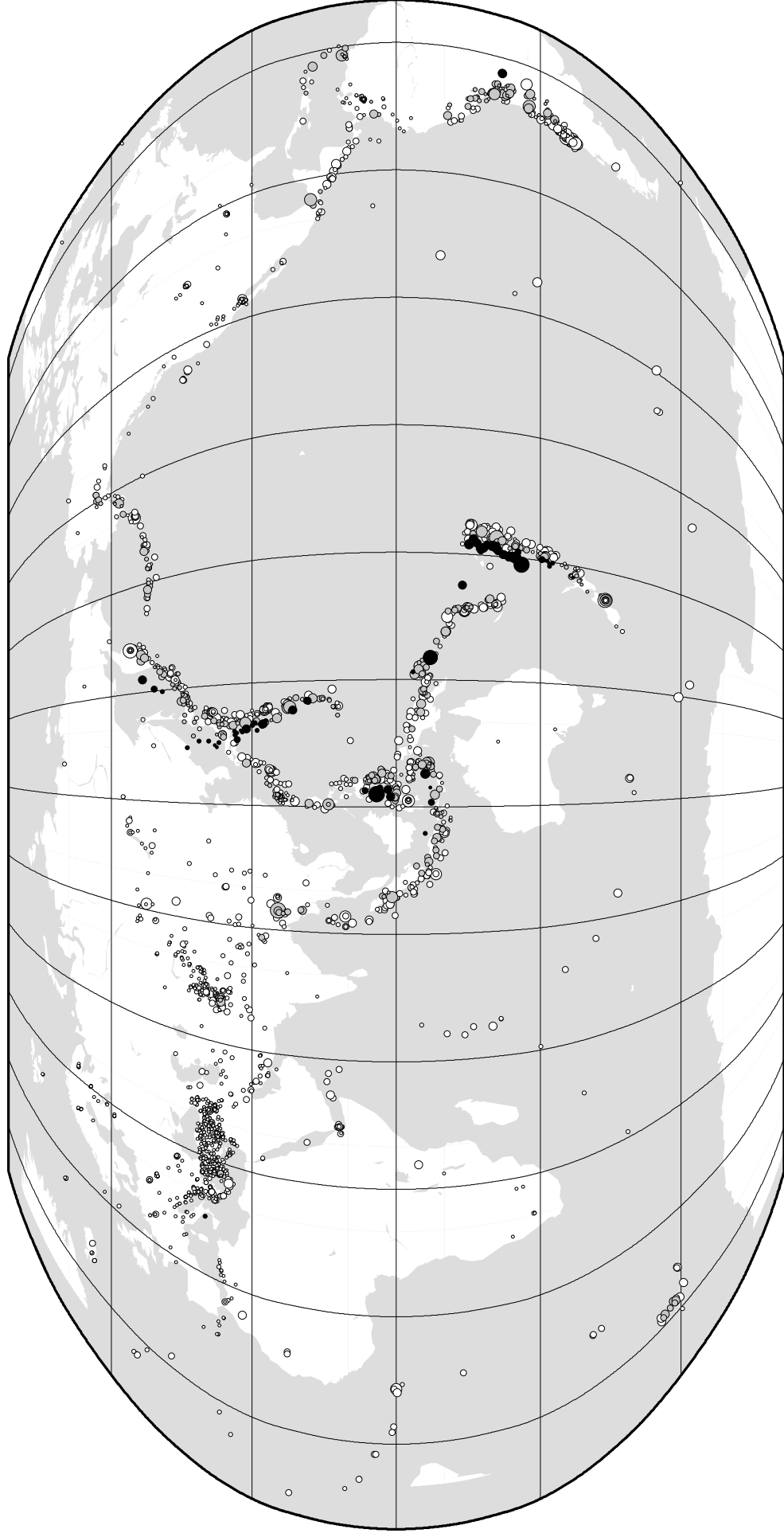
Table with columns: Code, Station Name, Az, El, P, M, L, R, S, N, E, W, T, B, C, D, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z. Includes stations like Rikitea, Tuvalu, Mehetia, Paso Flores, etc.

Table with columns: Code, Station Name, Az, El, P, M, L, R, S, N, E, W, T, B, C, D, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z. Includes stations like Goldstone, Wuzhai, Wupuki, Turquoise Moun, etc.

Table with columns: Code, Station Name, Az, El, P, M, L, R, S, N, E, W, T, B, C, D, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z. Includes stations like Kaye Shedlock, Olander Ranch, Isabella Hill, etc.

ILB	Eielson Array	97.71 346	eP	P	23 55 50.4	-1.8
MDM	Murphy Dome	98.16 345	eP	Pdf	23 55 55.2	+0.9
FRB	Frobisher Bay	98.93 18	LR	LR	00 37 57.1	
WRA	Warramunga Arr	99.45 241	LR	LR	00 34 28.9	
H01W1	Cape Leeuwin H	102.67 217	T	T	01 50 41.8	
H01W2	Cape Leeuwin H	102.67 217	T	T	01 50 42.4	
H01W3	Cape Leeuwin H	102.68 217	T	T	01 50 41.4	
TOA1	Torodi Ar. Sit	116.86 90	ePKPdf	PKPdf	00 01 03.7	+0.5
TOA1			ePP	PP	00 02 13.1	+1.0
TORD	Torodi Ar. Bea	116.86 90	PKP	PKPdf	00 01 03.7	+0.5
TORD			PP	PP	00 02 13.1	+1.0
TIXI	Tiksi	126.69 340	ePKPdf	PKPdf	00 01 22.2	+1.8
GEC2	GERESS Array S	134.65 49	ePKPdf	PKPdf	00 01 35.9	-0.4
GERES	GERESS Array B	134.65 49	PKP	PKPdf	00 01 35.9	-0.4
HHC	Hu-ho-hao-te	142.93 300	ePKP	PKPdf	00 01 47.5	-4.2
HHC			AMB	AMB		
HHC	comp=Z,93nm,5.0s		LR	LR		
HHC	comp=N,160nm,11.1s		LR	LR		
HHC	comp=E,240nm,12.3s		LR	LR		
HHC	comp=Z,240nm,13.6s		LR	LR		
MLR	Muntele Rosu	143.38 52	ePKPdf	PKPbc	00 01 50.8	+1.3
AK11	Malin Array Si	144.00 43	ePKPdf	PKPdf	00 01 52.4	-0.7
AKASG	Malin Array Be	144.02 43	PKhKP	PKPpre	00 01 49.7	
AKBB	Malin Array Si	144.02 43	ePKPdf	PKPpre	00 01 49.7	
BTO	Baotou	144.11 300	ePKP	PKPbc	00 01 52.8	+0.9
ULN	Ulaanbaatar	144.81 313	ePKPdf	PKPbc	00 01 53.9	0.0
SONA1	Songino Array	145.24 313	ePKPbc	PKPbc	00 01 54.0	-1.3
SONA0	Songino Array	145.24 313	ePKPbc	PKPbc	00 01 53.4	-1.9
SONM	Songino Array	145.24 313	PKPbc	PKPbc	00 01 53.4	-1.9
TLY	Talaya	145.44 320	ePKPdf	PKPab	00 01 57.6	+1.8
GYA	Guiyang	145.82 275	i PKPbc	PKPab	00 01 58.8	+0.6
LZH	Lanzhou	149.25 292	ePKPbc	PKPdf	00 01 59.5	-3.2
LZH			pPKP	pPKPdf	00 02 08.3	+0.1
LZH			PP	PP	00 05 41.3	+2.1
LZH	comp=Z,380nm,4.6s		LR	LR		
LZH	comp=N,970nm,17.3s		LR	LR		
LZH	comp=E,2um,18.0s		LR	LR		
LZH	comp=Z,2um,20.3s		LR	LR		
BR231	Keskin MP Arra	149.35 61	ePKPbc	PKPbc	00 02 09.2	+2.2
CM01	Chiang Mai Arr	149.77 256	ePKPbc	PKPbc	00 02 08.2	-0.3
CM31	Chiang Mai Arr	149.80 256	ePKPbc	PKPbc	00 02 09.2	+0.6
CMAR	Chiang Mai Arr	149.80 256	PKPbc	PKPbc	00 02 09.2	+0.6
CHTO	Chiang Mai	149.96 257	ePKPbc	PKPbc	00 02 10.3	+1.3
BR101	Keskin Array S	150.03 61	ePKPdf	PKPdf	00 02 03.3	-0.5
BR101			ePKPbc	PKKIP	00 02 09.9	+0.3
BR131	Keskin Array S	150.03 61	ePKPbc	PKPbc	00 02 10.2	+1.5
BR131			epPKPab	pPKPab	00 02 20.6	+0.7
BRTR	Keskin Array B	150.03 61	PKP	PKPdf	00 02 03.3	-0.5
BRTR			PKPbc	PKKIP	00 02 09.9	+0.3
ZAA1	Zalesovo Array	152.56 338	ePKPdf	PKPdf	00 02 04.8	-2.1
ZAA1			ePKPbc	PKPbc	00 02 11.8	-2.1
ZAA0	Zalesovo Array	152.56 338	ePKPdf	PKPdf	00 02 06.9	0.0
ZALV	Zalesovo Beam	152.56 338	PKP	PKPdf	00 02 04.8	-2.1
ZALV			PKPbc	PKPbc	00 02 11.8	-2.2
KBZ	Khabaz	155.38 48	PKP	PKPdf	00 02 08.5	-2.8
KBZ			PKPab	PKPab	00 02 36.9	+0.2
ZRNK	Zerenda	156.43 358	ePKPab	PKPab	00 02 44.6	+3.7
ABKAR	Akbulak array	159.21 15	ePKPdf	PKPdf	00 02 17.7	+1.8
MK32	Makanchi Array	159.35 331	ePKPdf	PKPdf	00 02 15.4	-0.8
MK32			ePKPab	PKPab	00 02 53.2	-0.6
MKAR	Makanchi Array	159.35 331	PKP	PKPdf	00 02 15.4	-0.8
MKAR			PKPab	PKPab	00 02 53.2	-0.6
MK01	Makanchi Array	159.36 331	ePKPdf	PKPdf	00 02 16.4	+0.2
GEYT	Alibeck	168.14 41	PKP	PKPdf	00 02 24.3	-0.3
GEYT			PKP	PKPdf		

ISC Computed Locations for February 2011



Robinson Projection, centred on 0°N, 130°E

