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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 ISC Time Res
h m s ISC
HBZ Hicks Bay 15.41 186 eP P 18 48 53.1 -1.7
URZ Urewera 16.21 189 P P 18 49 01.5 -0.9
MRZ Mangatoinoka R 18.81 192 eP P 18 49 26.7 0.0
DIW D'Urville Isla 19.30 195 eP P 18 49 27.3 -3.9
CAW Cannon Point 19.34 192 eP P 18 49 31.7 +0.1
OTW Orongorongo Tu 19.52 192 eP P 18 49 33.0 -0.2
MCW Moikau 19.61 192 eP P 18 49 35.5 +1.5
THZ Tophouse 20.46 196 eP P 18 49 42.0 +0.2
KHZ Kahutara 20.93 194 P P 18 49 46.2 +0.2
ARMA Armidale 27.03 246 eP P 18 50 42.4 +2.3
CTA Charters Tower 31.93 267 P P 18 51 22.3 +0.4
13nm,0.5s,mb4.8
STKA Stephens Creek 35.75 246 eP P 18 51 55.3 +1.8
3.1nm,0.4s,mb4.2
ASAR Alice Springs 42.74 259 P P 18 52 50.1 +0.3
9.8nm,0.5s,mb4.6,baz=92,slow=8.2,SNR=47
ASAR S 18 58 31.3 -0.1
1.0nm,0.8s,baz=95,slow=15,SNR=5.7
ASPA Alice Springs 42.74 259 eP P 18 52 50.1 +0.2
WRA Warramunga Arr 42.96 264 P P 18 52 51.0 -0.7
1.8nm,0.3s,mb4.0,baz=96,slow=7.8,SNR=93
WRA S 18 58 33.0 -1.5
0.3nm,0.9s,baz=99,slow=14,SNR=3.0
KAKA Kakadu 46.64 273 eP P 18 53 18.2 -1.8
14nm,0.4s,mb4.8
FITZ Fitzroy Crossi 51.39 264 eP P 18 53 54.3 -0.7
12nm,0.3s,mb4.8
MBWA Marble Bar 56.08 259 eP P 18 54 27.1 -0.7
11nm,0.6s,mb4.2
CMAR Chiang Mai Arr 89.35 290 P P 18 57 38.1 +1.0
1.3nm,0.8s,mb3.8,baz=135,slow=3.1,SNR=8.1
ARCES ARCESS Array B 130.36 349 PKP PKP 19 03 43.7 -0.5
0.7nm,0.6s,baz=282,slow=4.2,SNR=3.5
FINES FINES Array B 137.02 342 PKP PKP 19 03 57.3 +0.5
3.7nm,1.1s,baz=158,slow=3.2,SNR=5.4
MLR Muntele Rosu 148.85 324 PKPbc PKP 19 04 22.7 +5.2
0.2nm,0.7s,baz=1.2,slow=23,SNR=2.3

```

Epicentral Estimates

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

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

Error Ellipses - The keywords have been shortened.

Observational Data

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

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

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

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

Station magnitude estimate - computed by the ISC.

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

Addendum II

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

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

Addendum III

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

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

NCC 01 00:07:32.7-2.6, 37.09N-70.85E, h0km, mb3.6, mpv3.1, 4C-5D, Error ellipse: s-maj=22.2km s-min=9.1km az=178.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include DZET, SFK, MNAS, KK31, AAK, TKM2.

ISCJB 01 00:46:30.5-0.3, 35.63N-0.01-97.24W, 0.01, h6km, 2km, Error ellipse: s-maj=2.2km s-min=1.9km az=149.2

NEIC 01 00:46:31.0-7.35, 61N-97.24W, h3km, MN3.1(TUL), After TUL

NEIC FEL [IV] at Spencer; [III] at Jones and Luther; [II] at Choctaw. Also left at Arcadia, Harrah and Oklahoma City.

ISC 01 00:46:30.1-0.7, 35.83N-0.02-97.27W, 0.02, h8km, 5km, n101, 0193/143, Oklahoma

Large table listing station data for Oklahoma region. Columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include OK001, OK005, OK003, etc.

Table listing station data for Texas region. Columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include X37A, X36A, Y37A, etc.

ISC 01 00:58:57.4-8.5, 1.39N-127.17E, h80km, 80km, mb3.5/5, mb1 3.0/6, mb1mx3.3/35, mbtmp3.7/6, ML3.4/1, MS3.0/1, Ms1 3.0/1, ms1mx2.3/25, Error ellipse: s-maj=117.8km s-min=21.2km az=71.0, Halmahera

Table listing station data for Texas region. Columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include FITZ, WRA, ASAR, HNR, SONM, MKAR, MKAR, VNSA, SNA.

ISC 01 00:59:24.2-6.4, 17.68S-69.58W, h173km, 41km, mb3.3/2, s-maj=102.2km s-min=21.1km az=170.0, Peru-Bolivia border region

Table listing station data for Peru-Bolivia border region. Columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include LPZA, BDFB.

1.6nm, 0.5s, baz=250, slow=10, SNR=1.9 TORD Torodi Ar. Bea 76.70 71 P P 01 10 56.8 0.0

Table listing station data for Indonesia region. Columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include URZ, CTA, STKA, JAY, WRA, ASAR, FITZ, MAW, TXAR, ARCES, GERES.

ISCJB 01 01:08:29.9-0.9, 23.49S-0.09-180.0W, 0.1, h532km, mb4.1/1, Error ellipse: s-maj=17.1km s-min=11.0km az=161.2

ISC 01 01:08:33.6-2.6, 23.46S-179.96W, h565km, 28km, mb3.6/1, mb1 3.7/1, mb1mx3.5/30, mbtmp4.5/11, Error ellipse: s-maj=18.7km s-min=11.4km az=36.0

AUST 01 01:08:40.5, 25.26S-178.30W, h450km, n38, 0120/39, mb4.2/1, 1D, South of Fiji Islands

Large table listing station data for Indonesia and Australia regions. Columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include URZ, URZ, RPZ, CTA, MTSU, STKA, STKA, HTT, ASAR, ASAR, WRA, FITZ, FITZ, SIJI, VNSA, KLBR, MEEK, MJAR, MAW, MAW, TXAR, MKAR, ARCES, FINES, NB2, NOAS, BRTR, OKC, OKC, DPC, DPC, KRLC, KRLC, CLL, BRG, PRU, KHC, GERES, TORD, TORD.

ISK 01 01:11:42.9, 39.64N-26.50E, h11km, MD2.7

ISCJB 01 01:11:43.0-4.0, 39.64N-0.02-26.46E, 0.03, h13km, 3km, Error ellipse: s-maj=3.9km s-min=3.3km az=163.5

DDA 01 01:11:43.6, 39.65N-26.49E, h7km, MD2.9

ATH 01 01:11:43.4, 39.62N-26.45E, h27km, 1km, MD2.9/7

CSEM 01 01:11:43.5-0.1, 39.65N-26.47E, h12km, MD2.7, Error ellipse: s-maj=2.1km s-min=1.8km az=96.0

ISC 01 01:11:43.7-0.9, 39.66N-0.02-26.48E, 0.02, h10km, 8km, n56, 048/85, Turkey

Table listing station data for Turkey region. Columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Rows include EZN, EZN, BOZC, BOZC, AYVA, AYVA, AYVA, PRK, PRK, PRK, SGR, SGR.

Table with columns: Code, Station Name, Az, El, S, P, Res. Includes stations like MORC Moravsky Berou, KRLC Kralicky, STHS Stebnicka Huta, etc.

Table with columns: Code, Station Name, Az, El, S, P, Res. Includes stations like URZ Urewera, AFJ Afiamalu, PMG Port Moresby, etc.

Code Station Name Az El S P Res
URZ Urewera 7.88 207 Pn Pn 02 50 21.9 0.0
AFJ Afiamalu 18.33 21 LR 03 09 20.5
PMG Port Moresby 38.73 297 LR 03 09 20.5
ASAR Alice Springs 42.77 268 P 02 56 25.6 +0.2
WRA Warramunga Arr 43.84 273 P 02 56 33.6 -0.4
SIJI Sorong 56.39 292 LR 03 24 09.7
KRSR Korea Array 84.84 320 LR 03 34 04.1
FINES FINESS Array B 145.88 339 PKPbc PKPpdf 03 08 05.7 -0.2

Table with columns: Code, Station Name, Az, El, S, P, Res. Includes stations like GUMO Guam, GUMU Guam, GUMU Guam, etc.

Table with columns: Code, Station Name, Az, El, S, P, Res. Includes stations like MAT Matsushiro, LRSI Marisa, LUWI Luwuk, etc.

Table with columns: Code, Station Name, Az, El, S, P, Res. Includes stations like KMI Kuala Trengganu, MYKOM Kota Tinggi, CD2 Chengdu, etc.

Table with columns: YNR, Norris Junctio, 92.28, 43, eP, P, 03 10 32.1 +1.8, etc. Lists various seismic events with station names, magnitudes, and locations.

Table with columns: baz=102, COLL, 102.80, 330, ePP, PP, 03 15 27.0 -5.3, etc. Lists seismic events with station names, magnitudes, and locations.

IDD 01 03:10:35.4-0.7, 12.12N:141.38E, h0km, mb4.1/1.2, mb1 4.2/1.2, mb1mx4.0/4.3, mbtmp4.0/1.2, MLS, 2/1, MS3.1/2, Ms1 3.1/2, ms1mx2.6/3.2, Error ellipse: s-maj=25.4km s-min=14.9km az=87.0

NEIC 01 03:10:37.0-0.4, 12.12N:141.32E, h10km, mb4.6/1, Error ellipse: s-maj=13.0km s-min=8.5km az=88.0

ISCJB 01 03:10:40.1-0.5, 12.11N:140.07X141.35E:0.07, h51km, mb4.3/1.4, Error ellipse: s-maj=11.2km s-min=9.1km az=144.1

ISC 01 03:10:42.1-0.7, 12.12N:141.37E:0.09, h51km, n19, #071/20, mb4.3/1.4, Phase of Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists seismic events with station names, magnitudes, and locations.

DDA 01 03:47:19.7, 38.15N:42.66E, h1km, MD3.3

ISCJB 01 03:47:20.6, 0.5, 38.15N:42.66E:0.03, h5km, 4km, Error ellipse: s-maj=3.0km s-min=3.3km az=35.3

ISK 01 03:47:20.5, 38.15N:42.69E, h10km, MD3.3

CSEM 01 03:47:20.9, 0.2, 38.15N:42.70E, h8km, MD3.3, Error ellipse: s-maj=4.3km s-min=3.5km az=104.0

ISN 01 03:47:24.3, 6.3, 37.94N:43.01E, h0km

ISC 01 03:47:21.0, 1.1, 38.11N:42.42E:0.02, h4km, 10km, n45, #103/68, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists seismic events with station names, magnitudes, and locations.

Table with columns: CUKT, SVAN, Silvan-Diyarba, 1.19, 272, ePN, P, 03 15 27.0 -5.3, etc. Lists seismic events with station names, magnitudes, and locations.

IDD 01 04:20:30.6-2.5, 12.86N:144.36E, h0km, mb4.0/3, mb1 4.2/3, mb1mx3.6/3.8, mbtmp4.0/3, Error ellipse: s-maj=152.0km s-min=14.5km az=117.0, South of Mariana Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists seismic events with station names, magnitudes, and locations.

FUNV 01 04:21:51.5, 8.52N:71.63W, h2km, MW3.6, 2D, Venezuela

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists seismic events with station names, magnitudes, and locations.

CASC 01 04:27:20.3-2.7, 14.33N:89.37W, h249km, 21km, MD3.6, 1C-1D, Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists seismic events with station names, magnitudes, and locations.

AUST 01 05:01:18.0, 8.5:50N:125:52E, h100km

ISCJB 01 05:01:40.5, 0.5, 6:15N:0:06, 125:96E:0:09, h125km, 8km, mb3.9/5, Error ellipse: s-maj=14.2km s-min=9.3km az=13.0

IDD 01 05:01:41.0, 4.0, 6.6:25N:125:84E, h130km, 11km, mb3.7/5, mb1 3.9/5, mb1mx3.4/4.1, mbtmp4.1/4.1, Error ellipse: s-maj=17.2km s-min=19.7km az=85.0

MAN 01 05:01:41.6, 22N:125:87E, h132km, mb4.8, ML3.7, MS3.8

ISC 01 05:01:41.6, 0.8, 6:17N:0:07, 125:95E:0:08, h119km, 9km, n23, #116/29, mb4.0/5, 3C, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists seismic events with station names, magnitudes, and locations.

1d 6h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Saint Saulte, Signal de Mont, Signal de Bois d'Angland, etc.

ISCJB 01 06:11:55.9,0.6,37.20N;0.04-27.71E;0.05,h19km,16km, Error ellipse: s-maj=6.7km s-min=6.2km az=36.6

CSEM 01 06:11:55.8,1.1,37.22N;27.69E,h15km,MD2.7, Error ellipse: s-maj=5.5km s-min=5.1km az=155.0

ISK 01 06:11:55.4,37.25N;27.67E,h16km,MD2.6 DDA 01 06:11:56.2,37.26N;27.68E,h7km,MD2.7

ISC 01 06:11:55.5,1.0,37.23N;0.03-27.74E;0.03,h10km,10km,n22,c=0.73/33,Turkey

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

2010 SEP

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Cakirokul, Kakiroluk, Kula-Manisa, etc.

IDC 01 06:22:05.0,0.8,33.87S;72.13W,h0km,mb4.2/8, mb1.4,3m,mb1x4,1/25,mbtmp4.2/8,MS3.6/3,Ms1.3/5, ms1mx3.1/17,Error ellipse: s-maj=31.3km s-min=20.8km az=86.0

GUC 01 06:22:05.3,0.8,33.93S;72.39W,h9km,8km,ML4.3 NEIC 01 06:22:09.4,2.1,33.92S;72.23W,h29km,15km,mb4.5/2, Error ellipse: s-maj=12.1km s-min=6.7km az=100.0

ISC 01 06:22:07.5,1.5,33.94S;0.03-72.44W;0.05,h20km,6km,n53,c=1.92/7/64,mb4.2/10,4C-6D,Off coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like San Pedro, Instituto Hidir, Hualae0, Talagante, Los Niches, etc.

ISC 01 06:44:39.9,2.0,20.30S;177.54W,h507km,22km,mb3.7/6, mb1.3,8/7,mb1mx3.4/27,mbtmp4.6/7,Error ellipse: s-maj=48.2km s-min=14.8km az=140.0

ISCJB 01 06:44:40.5,0.7,20.20S;0.2-177.3W;0.1,h55km,mb4.0/7, Error ellipse: s-maj=26.3km s-min=7.8km az=147.0

AUST 01 06:44:43.8,19.94S;177.25W,h600km ISC 01 06:44:42.3,0.9,20.40S;0.2-177.4W;0.1,h550km,n30,c=0.95/23,mb3.8/7,Fiji Islands region

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

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

ISC 01 06:39:15.4,39.55N;28.70E,h10km,MD2.6 ISCJB 01 06:39:16.2,0.4,39.58N;0.03-28.69E;0.05,h2km,6km, Error ellipse: s-maj=6.4km s-min=3.7km az=23.7

DDA 01 06:39:16.6,39.58N;28.73E,h7km,MD2.9 CSEM 01 06:39:16.5,0.2,39.58N;28.67E,h8km,MD2.6, Error ellipse: s-maj=5.0km s-min=4.8km az=105.0

ISC 01 06:39:16.7,0.9,39.59N;0.02-28.68E;0.02,h12km,5km,n38,c=1.01/59,Turkey

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

ISC 01 06:44:39.9,2.0,20.30S;177.54W,h507km,22km,mb3.7/6, mb1.3,8/7,mb1mx3.4/27,mbtmp4.6/7,Error ellipse: s-maj=48.2km s-min=14.8km az=140.0

ISCJB 01 06:44:40.5,0.7,20.20S;0.2-177.3W;0.1,h55km,mb4.0/7, Error ellipse: s-maj=26.3km s-min=7.8km az=147.0

AUST 01 06:44:43.8,19.94S;177.25W,h600km ISC 01 06:44:42.3,0.9,20.40S;0.2-177.4W;0.1,h550km,n30,c=0.95/23,mb3.8/7,Fiji Islands region

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

s-maj=1.9km s-min=1.0km az=318.0
ISC 01 06:46:27.01.4, 48.12S, 0.09, 165.3E, 0.1, h10km, m15,
a117/21, Off west coast of South Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PUYE, APZ, WHZ, Deep Cove, etc.

IDC 01 06:59:29.5.3.0, 53.73N, 88.18E, h0km, mb1 3.4/2,
mb1mx3.1/29, mbtmp3.4/2, ML3.12, 3C-1D, Error ellipse:
s-maj=25.5km s-min=16.7km az=51.0, Southwestern
Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like I46RU, ZALV, KURBB, etc.

NIED 01 07:32:00.37.90N, 141.90E, h44km, Mw5.1 Best double
couple: Ms=7.6000-1.016, NP1=1.99, 0.0000, s18.0000,
1.86, 0.0000, NP2=2.3, 0.0000, s71.0000, 1.91, 0.0000,
BUJ 01 07:32:47.5, 37.83N, 142.24E, h37km, mb5.0/63, mb5.1/48,
Ms4.8/61, Ms7.4/68

ISCJB 01 07:32:52.0.3, 37.92N, 142.02E, h50km, 2km,
mb4.9/138, MS4.6/43, Error ellipse: s-maj=4.1km
s-min=2.7km az=145.3

MOS 01 07:32:52.0.9, 38.03N, 141.81E, h44km, mb5.2/49,
MS4.7/19, Error ellipse: s-maj=6.7km s-min=4.5km
az=110.1

JMA 01 07:32:52.6.0.1, 37.91N, 141.87E, h43km, 1km, M5.0
JMA Fail III, 11

NEIC 01 07:32:53.7.0.4, 37.93N, 141.79E, h44km, 3km, mb5.0/55,
MW5.1(NIED), Error ellipse: s-maj=5.1km s-min=3.4km
az=140.0

NEIC Recorded [3 JMA] in Miyagi; [2 JMA] in Fukushima and
Iwate; [1 JMA] in Akita, Aomori, Ibaraki, Tochigi and
Yamagata.

GCMT 01 07:32:53.7.0.2, 37.93N, 142.06E, h50km, 1km, MW5.2/89,
Moment Tensor Solution, s64, c102, s89, c160;
Duration: 0 Moment tensor: Scale 10^19Nm; Ms5.43±.17;
Mw-0.44±.12; Mw-4.9±.12; Mw-1.5±.10; Mw-2.07±.09;
Mw-3.7±.11; Best double couple: M6.89100±.016
NP1=22.0000, s83.0000, 1.91, 0.0000, NP2

NP1=22.0000, s83.0000, 1.91, 0.0000, NP2
e=201.0000, s27.0000, 1.89, 0.0000 Principal axes: T
6.710, P1g72.0000, Azm293.0000; N 0.3600,
Plg0.0000, Azm201.0000; P -0.720, P1g18.0000
Azm111.0000; nsta1 refers to surface waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s.

IDC 01 07:32:55.0.1.8, 37.87N, 141.95E, h64km, 16km, mb4.6/27,
mb1 4.5/33, mb1mx4.3/31, mbtmp4.7/33, MS4.4/28,
Ms1 4.4/28, ms1mx4.3/31 Error ellipse: s-maj=12.9km
s-min=10.4km az=100.0

ISC 01 07:32:52.0.3, 37.88N, 141.92E, 0.03, h39km, 2km,
h39km, P-P, n478, r193/542, mb4.9/145, MS4.7/43,
26C-35D, Near east coast of eastern Honshu

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

Table with columns: ASAJ, Asahikawa, Yuzh-Kuril'sk, etc. Includes station codes and seismic data.

Table with columns: BJT, Bajitau, Chul'man, etc. Includes station codes and seismic data.

CD2		sP	sP	07 39 30.2	-0.9
CD2		PP	PP	07 40 27.1	-1.3
CD2		S	SS	07 44 23.7	-1.4
CD2		sS	sS	07 44 42.1	-1.1
CD2	comp=Z,50nm,0.8s	PMZ			
CD2	comp=Z,280nm,4.7s				
CD2	comp=Z,1µm,14.4s	LE			
CD2	comp=Z,1µm,16.2s	LZ			
GTA	Gaotai	32.70 286	eP	07 39 20.8	-0.3
GTA		pP	pP	07 39 30.9	-1.0
GTA		sP	sP	07 39 35.6	-1.0
GTA		PcP	PcP	07 40 07.1	+1.1
GTA		S	S	07 44 34.3	-0.6
GTA		sS	sS	07 44 50.1	-2.8
GTA		SS	SSnSn	07 46 34.0	+1.9
GTA		ScS	ScS	07 49 45.4	-1.3
GTA	comp=Z,9.0nm,1.0s	PMZ			
GTA	comp=Z,160nm,4.4s				
GTA	comp=Z,550nm,19.5s	LN			
GTA	comp=Z,1µm,19.0s	LE			
GTA	comp=Z,2µm,18.5s	LZ			
BILL	Bilibino	33.10 17	P	07 39 25.0	+1.0
BILL		pP	pP	07 39 33.0	-1.9
BILL		pmax	pmax		
QIZ	Qizongzhong	33.65 245	P	07 39 30.3	+1.0
QIZ		pP	pP	07 39 38.8	-1.4
QIZ		S	S	07 39 42.8	-2.0
QIZ		sS	sS	07 44 50.3	+0.8
QIZ		SS	SS	07 45 06.3	-1.3
QIZ	comp=Z,640nm,18.2s	LE			
QIZ	comp=Z,280nm,19.1s				
QIZ	comp=Z,810nm,17.8s	LZ			
KMI	Kunming	35.49 261	P	07 39 45.7	+0.3
KMI		pP	pP	07 39 57.3	+0.9
KMI		sP	sP	07 40 01.7	+0.7
KMI		SS	SS	07 41 05.9	-0.5
KMI		S	S	07 45 16.4	-1.9
KMI		sS	sS	07 45 35.6	-0.9
KMI		SS	SSnSn	07 47 34.8	-5.3
KMI	comp=Z,26nm,1.0s	PMZ			
KMI	comp=Z,260nm,4.8s	LN			
KMI	comp=Z,560nm,14.7s	LN			
KMI	comp=Z,750nm,15.4s	LE			
KMI	comp=Z,840nm,19.1s	LZ			
MYLDM	Lahad Datu	38.92 219	eP	07 40 16.7	+2.4
NONG	Nongkai	39.16 251	P	07 40 16.9	+0.5
SKNT	Sakolnakorn	39.23 248	P	07 40 17.8	+0.9
UBPT	Khong Chiam	39.25 245	P	07 40 19.8	+2.7
CRAI	Chiangrai	39.97 256	P	07 40 20.7	-2.4
WMQ	Urumqi	40.82 296	lP	07 40 31.3	+1.4
WMQ		pP	pP	07 40 41.8	+0.8
WMQ		S	S	07 40 45.3	-0.3
WMQ		sS	sS	07 46 37.9	-0.4
WMQ	comp=Z,57nm,0.8s	PMZ			
WMQ	comp=Z,230nm,4.0s	PMZ			
WMQ	comp=Z,860nm,15.8s	LN			
WMQ	comp=Z,730nm,20.0s	LE			
WMQ	comp=Z,1µm,27.4s	LZ			
LOEI	Loei	40.91 252	P	07 40 28.3	-2.6
CMAI	Chiangmai	41.16 257	P	07 40 33.7	+0.6
UTTA	Uttaradit	41.30 253	P	07 40 37.0	+2.9
CHAI	Chaiyaphum	41.38 249	P	07 40 35.2	+0.5
ZALV	Zalesovo Beam	41.64 312	P	07 40 36.7	+0.3
ZALV	comp=Z,2.1nm,0.6s,baz=88,slow=7.1,SNR=61	LR		07 58 35.6	
CMMT	Chiang Mai	41.89 255	P	07 40 39.7	+0.8
CHTO	Chiang Mai	41.89 255	P	07 40 39.7	+0.8
CHTO	Chiang Mai	41.89 255	eP	07 40 39.3	+0.4
CHTO	Chiang Mai	41.89 255	eP	07 40 39.2	+0.4
LSA	Lhasa	42.53 275	P	07 40 45.4	+0.8
LSA	Lhasa	42.53 275	eP	07 40 45.3	+0.7
LSA	comp=Z,15nm,0.7s	PMZ			
LSA	Lhasa	42.53 275	eP	07 40 45.3	+0.7
NVS	Novosibirsk	42.55 313	lP	07 40 43.8	0.0
NVS		e		07 40 54.8	
NVS	comp=Z,33nm,1.0s	pmax	pmax		
NVS	comp=N,7.0nm,1.2s	pmax	pmax		
SHL	Shillong	43.82 269	eP	07 40 53.0	-1.7
MK31	Makanchi Array	44.01 301	P	07 40 55.8	0.0
MK31		pmax	pmax		
MKAR	Makanchi Array	44.01 301	P	07 40 55.9	+0.1
MKAR	comp=Z,8.1nm,0.6s,baz=86,slow=9.9,SNR=55	LR		07 59 47.7	
PHET	Kaeng Krachan	45.05 248	P	07 41 05.9	+1.5
IM04	Indian Mountai	45.70 31	eP	07 41 10.0	+1.0
KDAK	Kodiak Island	46.20 42	P	07 41 13.3	+0.4
KDAK	comp=Z,5.4nm,0.6s,baz=276,slow=4.0,SNR=10.0	P			
KDAK	Kodiak Island	46.20 42	iP	07 41 13.8	+0.8
TAPN	Taplejung	46.28 273	eP	07 41 14.9	+0.5
CAST	Castle Rocks	46.30 35	eP	07 41 15.4	+1.7
CAST	comp=Z,42nm,2.0s	eP	pP	07 41 25.2	+0.3
PDGK	Podgornoye	46.74 297	P	07 41 17.1	-0.3
PDGK		pmax	pmax		
ODAN	Odare	46.76 273	eP	07 41 18.4	+0.3
BPAW	Bear Paw Mtn.	46.80 34	P	07 41 19.6	+2.0
KTH	Kantishna Hill	46.82 34	eP	07 41 19.6	+1.8
RAMN	Ramite	47.34 274	eP	07 41 22.9	+0.2
RC01	Rabbit Creek A	47.45 38	eP	07 41 23.8	+1.1
BUN	Browne	47.46 34	eP	07 41 24.5	+1.8
GUN	Gumba	47.47 275	eP	07 41 24.2	+0.4
BKSI	Bulukumba	47.53 210	P	07 41 23.4	-0.4
PMR	Palmer	47.71 37	eP	07 41 25.1	+0.4
PMR		pmax	pmax		
PMR	Palmer	47.71 37	eP	07 41 25.1	+0.4
PKI	Pulchoki	48.00 275	eP	07 41 27.8	0.0

KKN	Kakani	48.00 275	eP	P	07 41 28.1	+0.4
PKIN	Pulchoki	48.01 275	eP	P	07 41 27.6	-0.2
COLA	College	48.15 33	eP	pmax	07 41 28.1	+0.1
COLA						
DMN	Daman	48.22 275	eP	P	07 41 29.6	+0.2
GKN	Gorkha	48.41 276	eP	P	07 41 31.0	+0.2
KRAB	Krabi	48.52 244	P	P	07 41 32.8	+1.2
ILAR	Eielson Array	48.56 33	P	P	07 41 31.6	+0.3
ILAR	comp=Z,3.3nm,0.9s,baz=267,slow=6.2,SNR=31	LR		08 03 09.0		
DANN	Dangsing	48.94 277	eP	P	07 41 35.8	+0.8
KLU	Klutina	49.25 37	eP	P	07 41 38.2	+1.5
KOLN	Koldanda	49.33 276	eP	P	07 41 38.3	+0.4
ULHL	Ulahul	49.34 297	P	P	07 41 38.3	+0.5
DIV	Divide	49.36 38	eP	P	07 41 38.5	+1.0
TKM2	Tokmak 2	49.58 298	eP	pmax	07 41 40.3	+0.7
TKM2						
TKM2	Tokmak 2	49.58 298	eP	P	07 41 40.3	+0.7
TKM2	Tokmak 2	49.58 298	P	P	07 41 40.6	+1.0
BMRM	Bremner River	49.94 38	eP	P	07 41 43.6	+1.7
BMRM	comp=Z,19nm,1.2s					
KZA	Kyzart	50.09 297	P	P	07 41 45.2	+1.4
KBK	Karagaybulak	50.12 298	P	P	07 41 44.4	+0.7
SOEI	Soeg	50.18 203	eP	P	07 41 43.7	-0.6
SOEI	comp=Z,4.1nm,0.7s					
OTUK	Ospenovka	50.24 299	P	pP	07 42 04.2	+8.7
OTUK	SNR=1					
OTUK	Ortayu	50.26 305	P	pmax	07 41 44.0	-0.4
FRU	Bishkek	50.29 298	iP	P	07 41 45.0	+0.2
FRU						
FRU						
FRU						
FRU	comp=Z,50nm,1.6s	MLR	MLR			
FRU	comp=E,1µm,16.0s	MLR	MLR			
BVA0	Borovoye Array	50.30 312	iP	pmax	07 41 44.0	-0.7
BVA0	comp=Z,8.0nm,0.7s					
BRVK	Borovoye	50.35 312	P	pmax	07 41 44.2	-0.9
BRVK	comp=Z,3.1nm,1.3s					
BRVK	Borovoye	50.35 312	eP	P	07 41 45.2	+0.1
BRVK	comp=Z,13nm,0.9s					
KSH	Kashi	50.43 294	P	P	07 41 50.1	+2.1
KSH	Erkin-Say	50.43 294	eP	pP	07 42 00.0	+2.7
KSH						
KSH						
KSH						
KSH						
KSH						
KSH	comp=Z,2.1nm,0.9s	PMZ				
KSH	comp=Z,180nm,4.6s	LN				
KSH	comp=Z,840nm,14.9s	LN				
KSH	comp=Z,800nm,16.6s	LE				
AAK	Ala-Archa	50.44 298	P	pmax	07 41 45.9	-0.2
AAK						
AAK	Ala-Archa	50.44 298	eP	P	07 41 46.2	+0.1
AAK	comp=Z,1.1nm,0.7s					
AAK	Ala-Archa	50.44 298	P	P	07 41 46.4	+0.2
EKS2	Erkin-Say	50.93 298	eP	pmax	07 41 49.7	-0.1
EKS2						
EKS2	Erkin-Say	50.93 298	eP	P	07 41 49.7	-0.1
EKS2	comp=Z,12nm,0.7s					
EKS2	Erkin-Say	50.93 298	P	P	07 41 50.1	+0.4
EKS2	SNR=16					
AML	Almayashu	51.17 298	P	P	07 41 52.8	+0.9
MNAS	Manas	51.88 298	P	pmax	07 41 56.8	-0.1
MNAS						
SFK	Sufi-Kurgan	52.03 295	P	pmax	07 41 58.2	0.0
SFK						
PSI	Prapat	52.57 239	eP	pmax	07 42 02.9	+0.6
PSI						
PSI	Prapat	52.57 239	eP	P	07 42 02.9	+0.6
PSI	comp=Z,13nm,0.8s					
KK31	KK31	53.05 300	P	pmax	07 42 05.2	-0.2
INK	Inuvik	53.45 27	P	P	07 42 08.1	+0.2
INK	comp=Z,9.9nm,1.2s,baz=309,slow=9.0,SNR=7.7					
CHLP	Challavanipeta	53.67 266	eP	IAMB	07 42 10.8	+0.6
CHLP						
SDSI	Sungai Dareh	53.71 234	P	P	07 42 13.0	+2.5
GSI	Gunungsitoli	54.58 239	P	P	07 42 18.3	+1.5
GSI	Gunungsitoli	54.58 239	eP	P	07 42 17.9	+1.1
SVE	Sverdlorsk	54.78 318	iP	S	07 42 18.4	+0.7
SVE						
SVE						
SVE	comp=Z,6.1nm,0.8s	MLR	MLR			
SVE	comp=Z,1µm,17.0s					
MDSI	Maura Dua	54.81 228	P	P	07 42 19.5	+1.1
DZET	Dzherino	55.84 295	P	pmax	07 42 25.8	0.0
DZET						
SOKR	Solikamek	55.90 322	iP	pmax	07 42 25.9	+0.2
SOKR						
SOKR						
ARU	Arti	55.99 318	dIP	P	07 42 26.4	-0.1
ARU						
ARU						
ARU						
ARU	comp=Z,49nm,0.7s	MLR	MLR			
ARU	comp=Z,1µm,17.0s					
ARU	Arti	55.99 318	P	P	07 42 26.8	+0.3
ARU	comp=Z,448nm,0.7s,SNR=5.4					
ARU	Arti	55.99 318	eP	P	07 42 26.4	-0.1
PVM	Polavaram	56.29 266	eP	IAMB	07 42 29.3	+0.2
PVM						
RPR	Rampur	57.24 269	eP	P	07 42 35.6	-0.3
AB31	Akbulak array	57.70 310	iP	pmax	07 42 37.9	-0.8
AB31						
ABKAR	Akbulak array	57.70 310	eP	P	07 42 38.5	-0.2
FITZ	Fitzroy Crossi	57.75 198	eP	P	07 42 39.8	+0.5
WRAB	Tennant Creek	57.95 188	iP	pmax	07 42 39.5	-1.1
WRAB						
WRAB	Tennant Creek	57.95 188	P	P	07 42 40.0	-0.6
WRAB	comp=Z,60nm,0.7s,SNR=15					
WRAB	Tennant Creek	57.95 188	eP	P	07 42 41.0	+0.4

WRA	Warramunga Arr	57.96 188	P	P	07 42 40.7	0.0
WRA	comp=Z,5.6nm,0.5s,baz=5.8,slow=7.2,SNR=97	LR		08 07 24.2		
SRSP	Sriramsagar	57.96 270	eP	IAMB	07 42 40.2	-0.8
SRSP					</	

Table with 5 columns: QSPA, SNA, VNA, VNA1, and various numerical values.

ISCJB 01 07:53:35.6;1.3,33'AS:0'1x70'6W:0'1, h108km,7km, Error ellipse: s-maj=21.6km s-min=8.4km az=141.7

Table with 10 columns: Code, Station Name, Az, Phase ID, Time, Res, and various station data.

ISCJB 01 08:02:01.9;0.4,59'85N:0'04:22'37E:0'05, h0km, Error ellipse: s-maj=6.4km s-min=3.8km az=10.0

Table with 10 columns: Code, Station Name, Az, Phase ID, Time, Res, and various station data.

Table with 10 columns: Code, Station Name, Az, Phase ID, Time, Res, and various station data.

ISC 01 08:49:11.5;2.5,53'53N:87'81E h0km, mb1 3.6/3, mb1mx2.3/0, mbtmp3.6/3, ML3.3,5C-1D, Error ellipse: s-maj=21.8km s-min=13.1km az=61.0, Southwestern Siberia

Table with 10 columns: Code, Station Name, Az, Phase ID, Time, Res, and various station data.

Table with 10 columns: Code, Station Name, Az, Phase ID, Time, Res, and various station data.

GUC 01 08:52:04.7;0.6,34'79S:73'82W, h19km,7km, ML4.3, 1C-3D, Off coast of central Chile

Table with 10 columns: Code, Station Name, Az, Phase ID, Time, Res, and various station data.

ISCJB 01 08:57:55.1;0.5,13'28N:0'07:144'2E:0'1, h129km, mb3.7/16, Error ellipse: s-maj=14.5km s-min=10.0km az=175.3

ISC 01 08:57:56.1;0.5,13'33N:144'36E, h125km,6km, mb3.6/16, mb1 3.7/16, mb1mx3.6/43, mbtmp3.9/16, MS2.7/1, Ms1 2.7/1, ms1mx2.3/25, Error ellipse: s-maj=22.5km s-min=11.0km az=83.0

ISC 01 08:57:56.5;0.6,13'32N:0'10:144'3E:0'1, h129km, n20, #070/20, mb3.8/16, Mariana Islands

Table with 10 columns: Code, Station Name, Az, Phase ID, Time, Res, and various station data.

ISCJB 01 09:00:34.5;0.8,64'81N:0'04:30'6E:0'1, h0km, Error ellipse: s-maj=7.9km s-min=4.3km az=30.0

KOLA 01 09:00:34.9;64'75N:0'30'26E, h0km HEL 01 09:00:35.8;0.2,64'80N:30'65E, h0km, ML2.1, Explosion CSEM 01 09:00:36.0;0.4,64'84N:30'40E, h1km, ML2.1, Error ellipse: s-maj=9.2km s-min=5.4km az=110.0, Mining

NAO 01 09:00:37.3;1.5,64'82N:0'28E, ML2.4 BER 01 09:00:37.8;3.3,64'80N:30'46E, h0km, ML2.4(NAO), Suspected explosion

ISC 01 09:00:37.6;2.7,64'73N:30'25E, h0km, mb1 2.8/3, mb1mx2.7/33, mbtmp2.7/3, ML2.6/3, Error ellipse: s-maj=42.5km s-min=9.4km az=101.0

ISC 01 09:00:36.1;1.0,64'83N:0'03:30'39E:0'05, h0km, n29, #096/46, Finland-Karelia border region

Table with 10 columns: Code, Station Name, Az, Phase ID, Time, Res, and various station data.

ISC 01 09:00:36.1;1.0,64'83N:0'03:30'39E:0'05, h0km, n29, #096/46, Finland-Karelia border region

Table with 10 columns: Code, Station Name, Az, Phase ID, Time, Res, and various station data.

Table with 10 columns: Code, Station Name, Az, Phase ID, Time, Res, and various station data.

JMA 01 09:07:52.0;2.0,28'09N:140'40E, h495km, M3.5, Bonin Islands region

Table with 10 columns: Code, Station Name, Az, Phase ID, Time, Res, and various station data.

MOS 01 09:15:13.6;0.9,48'77N:155'15E, h196km, mb4.3/1, Error ellipse: s-maj=42.0km s-min=8.0km az=73.1

KRSC 01 09:15:21.9;1.7,49'58N:155'21E, h206km,10km, ML4.2 IDC 01 09:15:26.7;2.5,50'19N:153'89E, h193km,24km, mb3.0/5, mb1 3.1/7, mb1mx2.9/41, mbtmp3.5/7, Error ellipse: s-maj=36.7km s-min=17.1km az=155.0

ISC 09:15:22.8;1.5,49'58N:0'22:154'8E:0'2, h200km, n35, #134/39, mb3.2/5, Kuril Islands

Table with 10 columns: Code, Station Name, Az, Phase ID, Time, Res, and various station data.

PET Petrovskovsk 4.06 35 eP Pn 09 16 24.8 -0.4 KOK Koryakka 4.27 32 eP Pn 09 16 29.4 +1.4

AVH Avacha 4.29 32 eP Pn 09 16 29.2 +1.1 KRER Koryakskii 4.32 33 eP Pn 09 16 29.5 +0.8

KRAX Arik 4.33 32 eP Pn 09 16 29.7 +0.9 SDR Sedlovina 4.35 34 eP Pn 09 16 30.4 +1.4

GNL Ganaly 4.40 25 eP Pn 09 16 31.7 +2.1 GNL Ganaly 4.40 25 eP Pn 09 16 31.7 +2.1

NLC Nalychtchev 4.44 38 eP Pn 09 16 30.7 +0.7 NLC Nalychtchev 4.44 38 eP Pn 09 16 30.7 +0.7

SPN Mys Shipunski 4.67 42 eS Pn 09 16 26.6 -1.0 SPN Mys Shipunski 4.67 42 eS Pn 09 16 26.6 -1.0

SPN Mys Kozlova 6.42 39 eS Pn 09 16 56.9 +1.6 MKZ Krutoberegovo 8.07 34 Pn 09 17 18.0 +1.3

KBTR Krutoberegovo 8.07 34 Pn 09 17 18.0 +1.3 KBTR Krutoberegovo 8.07 34 Pn 09 17 18.0 +1.3

USRK Ussuriysk Arr. 16.52 259 P 09 19 01.1 -1.2 JNU Nakatsue 24.30 236 P 09 20 24.1 +2.1

ILAR Eielson Array 33.51 41 P 09 21 47.4 +4.4 ILAR Eielson Array 33.51 41 P 09 21 47.4 +4.4

MKAR Makanchi Array 46.63 296 P 09 23 29.3 -1.5 MKAR Makanchi Array 46.63 296 P 09 23 29.3 -1.5

KURK Kurchatov Arra 46.70 302 P 09 23 30.8 -0.5 KURB Kurchatov Arra 46.80 302 P 09 23 30.8 -1.2

TXAR Lajitas Array 75.05 62 P 09 26 49.4 +6.8 TXAR Lajitas Array 75.05 62 P 09 26 49.4 +6.8

1d 14h

Table with columns: GUMO, RMQ, QLP, KNRA, AS31, ASAR, ASAR, ASAR, DZM, SOEI, SOEI, SOEI, ARMA, ARMA, BATI, BATI, FITZ, FITZ, FITZ, CMSA, STKA, STKA, WRKA, LHI, HTO, TTT, MBWA, MEEK, KLRB, URZ, JNU, JNU, MJAR, MJAR, MAT, KSRs, KSRs, MKAR, CMAR, PETK, SONM, VVND, MKAR, ZALV, COLA, ILAR, EGAK, DAWY, LPAZ, CPUP, SAML, TORD, BDFB

MAN 01 13:20:00, 13:35N, 120:11E, h16km, mb4.4, ML3.2, MS3.1, 1C, Mindoro

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

NNC 01 13:31:21.3, 2.2, 50.74N, 73.73E, h2km, 161km, mb3.4, mpv3.1, 8C-5D, Error ellipse: s-maj=11.2km s-min=7.4km az=38.0, Central Kazakhstan

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

ISCJB 01 13:36:25.2, 1.4, 70.8N, 0.2, 6.4W, 0.1, h0km, Error ellipse: s-maj=24.0km s-min=5.5km az=177.0
NAO 01 13:36:25.1, 3.9, 70.66N, 6.54W, ML4.0
CSEM 01 13:36:26.0, 2.4, 70.68N, 6.60W, h10km, ML3.4, Error ellipse: s-maj=12.3km s-min=3.0km az=5.0
BER 01 13:36:28.1, 0.4, 71.17N, 6.64W, h10km, MD2.5, ML3.4, ML4.0(NAO)
ISC 01 13:36:26.3, 1.9, 70.7N, 0.2, 6.66W, 0.06, h9km, n18, c050/26, 6C, Jan Mayen Island region

2010 SEP

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

ISCJB 01 13:56:34.5, 0.6, 3.92S, 0.07, 80.7W, 0.1, h100km, mb4.0, 11, Error ellipse: s-maj=16.8km s-min=6.9km
NEIC 01 13:56:37.0, 1.4, 3.95S, 80.61W, h109km, 13km, mb4.4/5, Error ellipse: s-maj=14.3km s-min=10.0km az=74.0
NEIC Felt [I] at Tumbes, Peru.
IDC 01 13:56:36.2, 2.3, 3.96S, 80.66W, h99km, 22km, mb4.0/10, mb1.4/13, mb1mx3.8/31, mbtmp4.4/13, MS4.1/20, Ms1.4/120, ms1mx3.9/30, Error ellipse: s-maj=23.1km s-min=15.7km az=59.0

ISC 01 15:36:36.0, 0.7, 4.01S, 0.08, 80.7W, 0.1, h100km, n42, c1939/32, mb4.0/11, Peru-Ecuador border region

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

18 ASAR Alice Springs 136.51 229 PKP PKPdf 14 15 46.1 -1.1

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

ISCJB 01 14:09:14.6, 0.4, 44.51N, 0.02, 127.02E, 0.07, h45km, 7km, M3.8/10, Error ellipse: s-maj=8.1km s-min=3.4km az=176.3
CSEM 01 14:09:14.8, 0.1, 44.50N, 12.03E, h40km, ML2.8/7, Error ellipse: s-maj=5.3km s-min=2.7km az=88.0
ROM 01 14:09:14.4, 0.2, 44.50N, 11.95E, h44km, 4km, Md2.4/20, ML2.3/15, Error ellipse: s-maj=4.7km s-min=3.2km az=52.0
ISC 01 14:09:15.7, 1.1, 44.50N, 0.02, 12.09E, 0.03, h33km, 2km, n58, c1907/73, 5C-10, Northern Italy

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

IDC 01 14:10:59.2, 1.5, 1.78N, 98.36W, h0km, mb4.0/4, mb1.4/4.0, mb1mx3.8/33, mbtmp4.0/4, MS3.7/3, Ms1.3/7.3, ms1mx3.0/24, Error ellipse: s-maj=75.9km s-min=27.1km az=58.0, West of Galapagos Islands
Code Station Name Az AzZ Phase ID Time Res

1d 16h

Table with columns: KMI, 150nm, 4.3s, PMZ, LN, LE, LZ, etc. Includes stations like CHIANG MAI, CHENGDU, HU-HO-HAO-TE, etc.

IDC 01 14:41:15.7±1.9, 3.13S, 125.52E, h0km, mb3.1/2, mb1 3.3/3, mb1mx3.2/27, mbtmp3.2/3, ML3.3/1, Error ellipse: s-maj=161.3km s-min=27.3km az=63.0, Ceram Sea

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

CSEM 01 14:57:08.9, 37.24N, 28.19E, h5km, MD2.7 ISK 01 14:57:08.9, 37.24N, 28.19E, h5km, MD2.7

IDC 01 14:58:43.5±1.0, 37.40N, 0.03E, 28.06E±0.03, h0km, n18, c059/28, Turkey

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

DDA 01 14:58:42.8, 37.41N, 28.11E, h7km, MD2.5 ISK 01 14:58:43.5±1.0, 37.41N, 0.03E, 28.07E±0.04, h0km, Error ellipse: s-maj=5.5km s-min=3.6km az=146.8

2010 SEP

Table with columns: BDRM, Kayabasi, 0.59 236, P, Pg, 14 58 55.1+0.2, etc. Includes stations like TURN, BODT, etc.

IDC 01 15:06:56.9±4.2, 4.24°N, 94.37E, h0km, mb3.4/3, mb1 3.5/3, mb1mx3.2/33, mbtmp3.4/3, Error ellipse: s-maj=385.9km s-min=26.7km az=60.0

ISC 01 15:06:58.5±1.4, 24.0°N, 0.494±4.0, h10km, n4, c032/5, mb3.4/3, Myanmar-India border region

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

ISK 01 15:15:47.5, 39.17N, 34.33E, h8km, MD2.8 CSEM 01 15:15:48.0±0.3, 39.09N, 34.34E, h2km, MD2.8, Error ellipse: s-maj=6.9km s-min=5.8km az=142.0

DDA 01 15:15:48.5, 39.06N, 34.26E, h7km, MD2.8 ISK 01 15:15:49.6±0.7, 39.07N, 0.033±4.23E±0.04, h4km, 6km, Error ellipse: s-maj=5.4km s-min=4.6km az=1.7

ISC 01 15:15:48.3±1.1, 39.07N, 0.033±4.32E±0.02, h9km, n11km, n30, c1905/44, Turkey

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

IDC 01 15:18:07.1±10.0, 0.12N, 124.98E, h0km, mb3.5/3, mb1 3.9/5, mb1mx3.5/28, mbtmp3.8/5, ML3.7/2, MS2.9/3, Ms1 2.9/3, ms1mx2.6/17, Error ellipse: s-maj=156.2km s-min=48.9km az=173.0

ISC 01 15:18:10.3±0.6, 0.31N, 0.08E, 124.54E±0.03, h67km, 10km, mb3.4/3, Error ellipse: s-maj=13.0km s-min=5.1km az=175.1

DJA 01 15:18:10.8±0.5, 0°N, 4°E, 124.54E±0.03, h24km, 7km, M4.3/18, mb4.2/6, mb4.7/3, MLV4.3/9, MLV4.2/18, Mw(m)3.9/3

ISC 01 15:18:11.2±1.0, 0.35N, 0.08E, 124.54E±0.04, h62km, 14km, n22, c1935/25, mb3.3/3, Minahasa Peninsula, Sulawesi

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

CSEM 01 15:46:58.4, 38.94N, 24.38E, h25km, MD2.6 ATH 01 15:46:58.4, 38.94N, 24.38E, h25km, 5km, MD2.6/7, Aegean Sea

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

Table with columns: EREA, Eretria, 0.63 214, ePn, P, 15 47 10.7 -0.1, etc. Includes stations like EREA, ERKKA, MRKA, etc.

BUC 01 15:49:24.2±1.2, 43.53N, 28.26E, h12km, 3km, MD2.5/5, 8C-8D, Error ellipse: s-maj=9.2km s-min=4.4km

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

IDC 01 16:01:58.0±7.4, 1.64N, 96.62W, h0km, mb3.9/3, mb1 4.4/3, mb1mx3.6/36, mbtmp3.9/3, Error ellipse: s-maj=258.6km s-min=136.4km az=83.0, West of Galapagos Islands

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

IDC 01 16:04:04.5±1.6, 1.65N, 98.06W, h0km, mb3.9/6, mb1 4.2/6, mb1mx3.8/34, mbtmp3.9/6, MS3.7/11, Ms1 3.7/11, ms1mx3.5/18, Error ellipse: s-maj=56.6km s-min=27.6km az=48.0

ISC 01 16:04:05.4±2.5, 1.9N, 0.497±9W±0.3, h10km, mb3.9/8, MS3.6/9, Error ellipse: s-maj=71.4km s-min=14.8km az=38.2

NEIC 01 16:04:06.2±0.9, 1.70N, 98.03W, h10km, mb4.0/2, Error ellipse: s-maj=27.8km s-min=11.2km az=220.0

ISC 01 16:04:06.2±1.5, 1.7N, 0.398±0.0, h10km, n23, c0970/13, mb4.0/8, MS3.6/9, West of Galapagos Islands

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

IDC 01 16:04:04.5±1.6, 1.65N, 98.06W, h0km, mb3.9/6, mb1 4.2/6, mb1mx3.8/34, mbtmp3.9/6, MS3.7/11, Ms1 3.7/11, ms1mx3.5/18, Error ellipse: s-maj=56.6km s-min=27.6km az=48.0

ISC 01 16:04:05.4±2.5, 1.9N, 0.497±9W±0.3, h10km, mb3.9/8, MS3.6/9, Error ellipse: s-maj=71.4km s-min=14.8km az=38.2

NEIC 01 16:04:06.2±0.9, 1.70N, 98.03W, h10km, mb4.0/2, Error ellipse: s-maj=27.8km s-min=11.2km az=220.0

ISC 01 16:04:06.2±1.5, 1.7N, 0.398±0.0, h10km, n23, c0970/13, mb4.0/8, MS3.6/9, West of Galapagos Islands

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

IDC 01 16:04:04.5±1.6, 1.65N, 98.06W, h0km, mb3.9/6, mb1 4.2/6, mb1mx3.8/34, mbtmp3.9/6, MS3.7/11, Ms1 3.7/11, ms1mx3.5/18, Error ellipse: s-maj=56.6km s-min=27.6km az=48.0

ISC 01 16:04:05.4±2.5, 1.9N, 0.497±9W±0.3, h10km, mb3.9/8, MS3.6/9, Error ellipse: s-maj=71.4km s-min=14.8km az=38.2

NEIC 01 16:04:06.2±0.9, 1.70N, 98.03W, h10km, mb4.0/2, Error ellipse: s-maj=27.8km s-min=11.2km az=220.0

ISC 01 16:04:06.2±1.5, 1.7N, 0.398±0.0, h10km, n23, c0970/13, mb4.0/8, MS3.6/9, West of Galapagos Islands

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Kikaishima, Amaminishikomi, Tanegashima 3, etc.

IDC 01 16:11:48.71.4, 5.80S; 151.10E, h0km, mb4.0/5, mb1.4/2.6, mb1mx3.7/4.0, mbtmp4.0/6, ML1.0/1, Error ellipse: s-maj=76.6km s-min=22.9km az=125.0

ISCJB 01 16:11:53.9.1.2, 5.95S; 0.3x150.9E; 0.3, h43km, mb3.9/6, Error ellipse: s-maj=52.6km s-min=13.3km az=43.1

NEIC 01 16:11:53.9.0.8, 5.83S; 151.12E, h35km, mb4.1/1, Error ellipse: s-maj=42.2km s-min=12.7km az=126.0

ISC 01 16:11:55.1.1.3, 5.85S; 0.3x151.0E; 0.4, h43km, n11, #0574/13, mb3.9/6, New Britain region

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

ISCJB 01 16:15:50.1.0.7, 5.145N; 0.03x16.07E; 0.03, h0km, Error ellipse: s-maj=5.1km s-min=2.8km az=15.2

CSEM 01 16:15:50.8.0.3, 5.150N; 16.04E, h2km, ML3.3/10, Error ellipse: s-maj=5.6km s-min=3.0km az=9.0, Suspected Mining induced.

VIE 01 16:15:52.9.0.5, 5.130N; 16.26E, h0km, mb2.1/3, ml2.5/3, Error ellipse: s-maj=4.0km s-min=3.3km az=52.0, Suspected Mining induced.

ISC 01 16:15:51.8.1.1, 5.145N; 0.05x16.06E; 0.02, h0km, n39, #0561/76, 2D, Poland

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Ostrava-Krasne, Ostrava-Krasne, Vranov, etc.

IDC 01 16:21:39.4.1.1, 5.87S; 151.18E, h0km, mb4.1/9, mb1.4/3.10, mb1mx4.0/33, mbtmp4.1/10, ML1.5/1, MS3.4/7, Ms1.3/4.7, ms1mx3.1/32, Error ellipse: s-maj=41.9km

ISCJB 01 16:21:44.6.0.6, 6.02S; 0.08x151.0E; 0.1, h43km, mb4.0/10, MS3.4/5, Error ellipse: s-maj=18.1km

NEIC 01 16:21:47.4.2.6, 6.01S; 151.14E, h60km, 22km, mb4.3/1, Error ellipse: s-maj=22.2km s-min=15.2km az=101.0

AUST 01 16:21:48.1.0.0, 6.14S; 151.54E, h97km, Error ellipse: s-maj=1.7km s-min=1.4km az=302.0

ISC 01 16:21:46.1.0.7, 6.05S; 0.1x151.0E; 0.1, h43km, n32, #136/28, mb4.1/10, MS3.3/5, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Rabaul, Port Moresby, Mount Sora, etc.

ISCJB 01 16:21:46.1.0.7, 6.05S; 0.1x151.0E; 0.1, h43km, n32, #136/28, mb4.1/10, MS3.3/5, New Britain region

ISC 01 16:21:46.1.0.7, 6.05S; 0.1x151.0E; 0.1, h43km, n32, #136/28, mb4.1/10, MS3.3/5, New Britain region

ISC 01 16:21:46.1.0.7, 6.05S; 0.1x151.0E; 0.1, h43km, n32, #136/28, mb4.1/10, MS3.3/5, New Britain region

ISC 01 16:21:46.1.0.7, 6.05S; 0.1x151.0E; 0.1, h43km, n32, #136/28, mb4.1/10, MS3.3/5, New Britain region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Pangkal Pinang, Cibinong, Mandailing Nat, etc.

ISCJB 01 16:15:50.1.0.7, 5.145N; 0.03x16.07E; 0.03, h0km, Error ellipse: s-maj=5.1km s-min=2.8km az=15.2

CSEM 01 16:15:50.8.0.3, 5.150N; 16.04E, h2km, ML3.3/10, Error ellipse: s-maj=5.6km s-min=3.0km az=9.0, Suspected Mining induced.

VIE 01 16:15:52.9.0.5, 5.130N; 16.26E, h0km, mb2.1/3, ml2.5/3, Error ellipse: s-maj=4.0km s-min=3.3km az=52.0, Suspected Mining induced.

ISC 01 16:15:51.8.1.1, 5.145N; 0.05x16.06E; 0.02, h0km, n39, #0561/76, 2D, Poland

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

ISCJB 01 16:15:50.1.0.7, 5.145N; 0.03x16.07E; 0.03, h0km, Error ellipse: s-maj=5.1km s-min=2.8km az=15.2

CSEM 01 16:15:50.8.0.3, 5.150N; 16.04E, h2km, ML3.3/10, Error ellipse: s-maj=5.6km s-min=3.0km az=9.0, Suspected Mining induced.

VIE 01 16:15:52.9.0.5, 5.130N; 16.26E, h0km, mb2.1/3, ml2.5/3, Error ellipse: s-maj=4.0km s-min=3.3km az=52.0, Suspected Mining induced.

ISC 01 16:15:51.8.1.1, 5.145N; 0.05x16.06E; 0.02, h0km, n39, #0561/76, 2D, Poland

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

ICHC	comp=E,150nm,0.7s	4.88 211	ePn	Pn	19 29 15.8	-0.5
ICHC	comp=Z,3um,0.2s		e	Pn	19 30 44.6	
ICHC	comp=Z,3um,0.2s	4.88 211	ePn	Pn	19 29 15.8	-0.5
NASN	Na'in	5.26 227	ePn	Pn	19 29 21.1	-0.6
NASN	Na'in	5.26 227	ePn	Pn	19 29 21.1	-0.6
GHVR	GHOM	5.37 250	ePn	Pn	19 29 22.6	-0.3
GHVR	GHOM	5.37 250	ePn	Pn	19 29 22.6	-0.3
IDBR	Badra	10.01 254	ePn	x	19 30 27.7	
IDBR			eSN	x	19 32 21.3	
DGRG	David-gareji	10.62 302	P	Pn	19 30 34.3	-0.5
DGRG	David-gareji	10.62 302	P	Pn	19 30 34.3	-0.5
GNI	Garni	10.62 294	Pn	Pn	19 30 35.4	+0.4
GNI	comp=Z,0.3nm,0.3s,baz=20,slow=12,SNR=4.0		LR	LR	19 35 47.0	
IKRK	Kirkuk	10.65 268	ePn	x	19 30 36.3	
IKRK			eSN	x	19 32 36.0	
BHD	Baghdad	11.17 257	ePn	x	19 30 43.0	
BHD			eSN	x	19 32 47.0	
BHD	Baghdad	11.17 257	ePn	Pn	19 30 43.0	+0.7
BHD			eSN	Sn	19 32 47.0	-0.2
MSL	MSL	11.52 274	ePn	x	19 30 47.0	
MSL			eSN	x	19 32 56.0	
KK31	Kararay Array	12.06 53	↑Pn	Pn	19 30 56.8	+2.2
KK31	Kararay Array	12.06 53	↑Pn	Pn	19 30 56.8	+2.2
ON1	Oni	12.39 304	P	Pn	19 30 59.0	-0.2
ON1	Oni	12.39 304	P	Pn	19 30 59.0	-0.2
AB31	Akbulak array	12.93 7	↑Pn	Sn	19 31 04.6	-1.8
AB31	comp=Z,0.9nm,0.5s,baz=20,slow=18,SNR=16.0		LR	LR	19 33 28.9	-1.3
AB31	Akbulak array	12.93 7	↑Pn	Sn	19 31 04.6	-1.8
AB31	comp=Z,0.9nm,0.5s,SNR=16		Sn	Sn	19 33 28.9	-1.3
SFK	Sufi-Kurgan	13.14 69	↑Pn	P	19 31 16.5	-3.4
KBZ	Khabaz	13.27 308	Pn	Pn	19 31 08.2	-2.8
KBZ	comp=Z,0.3nm,0.3s,baz=123,slow=7.9,SNR=7.0		LR	LR	19 37 55.5	
AKTO	Aktuybinsk	13.98 2	↑Pn	Pn	19 31 19.1	-1.6
AKTO	comp=Z,9.1nm,0.9s		↑Pn	Sn	19 33 51.8	-4.2
AKTO	Aktuybinsk	13.98 2	↑Pn	Pn	19 31 19.1	-1.6
AKTO	comp=Z,0.5nm,0.3s,baz=169,slow=18,SNR=10.0		LR	LR	19 33 51.9	-4.1
AKTO	Aktuybinsk	13.98 2	↑Pn	Pn	19 31 19.1	-1.6
AKTO	comp=Z,0.1nm,0.3s,baz=252,slow=20,SNR=3.9		LR	LR	19 31 51.1	-1.6
RTB	Rutbah	14.47 261	ePn	x	19 31 30.5	
RTB			eSN	x	19 34 08.3	
OTUK	Ortayu	16.11 38	↑Pn	P	19 31 53.0	+0.5
ASF	Jabal al Asfar	17.47 262	Pn	P	19 32 09.2	+1.5
ASF	comp=Z,0.1nm,0.3s,baz=175,SNR=3.1		Lg	Lg	19 37 13.2	
PDGK	Podgornoye	18.25 61	↑Pn	Pn	19 32 17.9	+1.8
PDGK	comp=Z,0.8nm,1.3s		↑Pn	Pn	19 32 17.9	+1.8
MMAI	Mount Meron Ar	18.41 266	LR	LR	19 40 15.0	
BRVK	Borovyoye	18.90 25	↑Pn	Pn	19 32 24.4	+0.6
BRVK	comp=Z,9.9nm,1.0s		↑Pn	Pn	19 32 24.4	+0.6
BRVK	Borovyoye Array	18.91 25	↑Pn	Pn	19 32 25.1	+1.2
BRVK	comp=Z,9.9nm,1.0s		↑Pn	Pn	19 32 25.1	+1.2
BVA0	Borovyoye Array	18.91 25	↑Pn	Pn	19 32 25.1	+1.2
BVA0	comp=Z,6.5nm,1.0s,baz=209,slow=12,SNR=27		LR	LR	19 32 25.1	+1.2
BVA0	Borovyoye Array	18.91 25	↑Pn	Pn	19 32 24.0	+0.1
BVA0	comp=Z,6.5nm,1.0s,SNR=27		LR	LR	19 32 24.0	+0.1
BVAR	Borovyoye Array	18.91 25	↑Pn	Pn	19 32 24.0	+0.1
BVAR	comp=Z,0.4nm,0.3s,baz=208,slow=10.0,SNR=22		LR	LR	19 32 23.3	-1.1
BRTR	Keskin Array B	18.98 287	P	Pn	19 32 23.3	-1.1
BRTR	comp=Z,0.1nm,0.3s,baz=99,slow=9.5,SNR=5.6		LR	LR	19 40 25.1	
EIL	Elat	19.98 257	P	P	19 32 35.6	+0.4
EIL	comp=Z,0.1nm,0.3s,baz=45,slow=11,SNR=2.2		LR	LR	19 41 26.1	
ARU	Arti	20.00 2	P	P	19 32 35.5	+0.4
ARU	comp=Z,0.4nm,0.2s,baz=93,slow=18,SNR=3.3		S	S	19 36 13.4	-6.4
ARU	comp=Z,0.3nm,0.2s,baz=127,slow=20,SNR=2.6		LR	LR	19 40 58.3	
KURBB	Kurchov Array	20.75 40	P	P	19 32 44.7	+1.3
KURBB	comp=Z,0.8nm,0.7s,baz=242,slow=13,SNR=4.3		LR	LR	19 32 49.5	+1.3
MKAR	Makanchi Array	21.19 53	P	P	19 32 49.5	+1.3
MKAR	comp=Z,1.8nm,1.0s,baz=229,slow=9.2,SNR=8.6		LR	LR	19 42 08.1	
CFR	Carcaliu	23.70 301	↑Pn	P	19 33 19.5	+4.9
CFR	comp=Z,2.86nm,20.8s,baz=257,slow=40		LR	LR	19 33 28.9	+1.0
WMQ	Urumqi	24.20 63	eP	P	19 33 34.1	+1.2
WMQ			eP	Pn	19 34 04.0	+1.5
WMQ			eS	P	19 37 42.9	+5.3
WMQ	comp=Z,9.0nm,0.5s		pmx	pmx		
WMQ	comp=Z,140nm,4.0s		LR	LR		
WMQ	comp=N,230nm,9.9s		LR	LR		
WMQ	comp=E,130nm,11.4s		LR	LR		
WMQ	comp=Z,130nm,9.5s		LR	LR		
AKASG	Malin Array Be	24.71 314	P	P	19 33 23.8	0.0
AKASG	comp=Z,12nm,0.9s,baz=115,slow=8.5,SNR=28		LR	LR	19 45 26.4	
VRI	Vrincioacia	24.81 302	↑Pn	P	19 33 36.7	+1.2
TESR	Tescani	25.00 303	↑Pn	P	19 33 29.9	+3.4
MLR	Muntele Rosu	25.28 301	↑Pn	P	19 33 31.0	+1.8
MLR	comp=Z,2.5nm,1.0s,baz=97,slow=8.2,SNR=6.9		P	P	19 33 32.5	+3.3
DOPR	Dopca	25.75 302	↑Pn	P	19 33 36.7	+3.3
ZALV	Zalesovo Beam	25.81 39	P	P	19 33 33.3	-0.5
ZALV	comp=Z,0.7nm,0.5s,baz=258,slow=8.7,SNR=4.7		LR	LR	19 44 22.9	
ZALV	comp=Z,51nm,19.1s,baz=250,slow=38		P	P	19 33 28.1	-6.7
BURAR	Bucovina Array	26.20 305	↑Pn	P	19 33 40.0	+2.5
BURAR	comp=Z,0.5nm,0.9s,baz=278,slow=15,SNR=4.7		LR	LR	19 33 40.0	+2.5
VYHS	Vyhne	30.57 305	eP	P	19 34 18.1	+1.7
VYHS	comp=Z,2.2nm,1.0s,SNR=4.2		P	P	19 35 19.5	-0.8
NOA	NORSAR Subarra	37.96 325	P	P	19 35 19.5	-0.8
NOA	comp=Z,2.2nm,1.0s,SNR=4.2		P	P	19 35 19.5	-0.8
NOA	NORSAR Array B	37.96 325	P	P	19 35 19.5	-0.8
NOA	comp=Z,1.0nm,0.7s,baz=110,slow=8.2,SNR=3.3		LR	LR	19 52 44.2	
CMAR	Chiang Mai Arr	40.62 105	P	P	19 35 43.4	+0.4
CMAR	comp=Z,30nm,20.2s,baz=290,slow=39		P	P	19 56 42.0	
CMAR	comp=Z,1.0nm,0.4s,baz=290,slow=7.4,SNR=8.9		LR	LR	19 56 42.0	
KMBO	Kilima Mbogo	41.83 211	LR	LR	19 53 55.3	
KMBO	comp=Z,26nm,18.1s,baz=180,slow=42		P	P	19 53 55.3	+1.5
HHC	Hu-ho-hao-te	41.96 67	eP	Pn	19 37 35.4	-0.5
HHC	comp=Z,75nm,18.9s,baz=92,slow=37		S	S	19 42 14.3	+1.9
HHC			SS	SS	19 45 14.7	-4.2
HHC	comp=Z,19nm,0.7s		PMZ	PMZ		
HHC	comp=Z,62nm,7.2s		PMZ	PMZ		
ESDC	Sonsecra Array	47.60 293	P	P	19 36 37.9	-0.8
ESDC	comp=Z,0.2nm,0.3s,baz=30,slow=8.8,SNR=5.4		P	P	19 37 30.4	-2.8
TORD	Torodi Ar. Bea	54.82 260	P	P	19 37 30.4	-2.8

KSRS	Korea Array	55.09 66	P	P	19 37 35.7	+0.9
KSRS	comp=Z,1.2nm,0.8s,baz=292,slow=9.8,SNR=3.6		LR	LR	20 05 24.0	
KAPI	Kappang	71.25 111	LR	LR	20 16 12.9	
KAPI	comp=Z,36nm,18.3s,baz=130,slow=41		LR	LR		
ILAR	Eielson Array	77.32 10	P	P	19 39 58.7	+1.6
ILAR	comp=Z,103nm,18.0s,baz=145,slow=41		P	P		
GUMO	Guam	80.04 80	LR	LR	20 19 59.5	
GUMO	comp=Z,2.2nm,19.9s,baz=294,slow=39		P	P	19 40 17.8	-0.3
YKA	Yellowknife Ar	81.19 356	P	P	19 40 17.8	-0.3
YKA	comp=Z,0.4nm,0.4s,baz=49,slow=5.7,SNR=3.3		P	P	19 41 09.0	-1.4
WRA	Warramunga Arr	91.66 114	P	P	19 41 17.8	-1.7
WRA	comp=Z,0.3nm,0.6s,baz=317,slow=4.1,SNR=5.6		P	P		
ASAR	Alice Springs	93.64 117	P	P	19 41 17.8	-1.7
ASAR	comp=Z,0.3nm,0.8s,baz=313,slow=4.7,SNR=4.3		P	P		

GUC 01 19:29:54.1-0.5, 33°85'S, 71°85'W, h14km, 3km, ML3.7
 ISC 01 19:29:52.1-1.9, 33°89'S, 0°05'11"E, h6km, 13km, n16, c133/30, 2C-3D, Near coast of central Chile

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
TACH	Talagante	0.79	73	Op	19 30 08.5	+0.6
TACH				IS	19 30 09.2	+1.0
IHA	Instituto Hidr	0.88	11	P	19 30 09.2	-0.3
IHA				IS	19 30 21.1	+0.2
RCDM	Rinconada Maip	0.95	66	↑Pn	19 30 10.9	-0.8
RCDM				Pb	19 30 23.6	-1.0
ANTU	Antumapu	1.06	73	↑Pn	19 30 13.1	-0.4
ANTU				Pb	19 30 27.2	-0.5
SAN	Santiago	1.08	67	↑Pn	19 30 13.3	-0.5
SAN				Pb	19 30 27.6	-0.7
PCH	Pirque	1.14	77	↑Pn	19 30 14.3	-0.6
PCH				Pb	19 30 29.9	-0.2
CLCH	Cerro Calan	1.20	66	↑Pn	19 30 15.2	-0.9
CLCH				Pb	19 30 31.1	-0.6
PEL	Peidehue	1.22	53	↑Pn	19 30 15.5	-0.9
PEL				Pb	19 30 31.7	-0.7
PEL				AML	19 30 37.1	
TALC	Talca	1.52	173	↑Pn	19 30 20.6	+0.1
TALC				Pb	19 30 41.1	+0.6
AAGR	Agrelo	2.65	73	↑Pn	19 30 39.2	-1.4
AAGR				Pb	19 31 17.9	+0.2
AUSP	Uspallata	2.65	52	↑Pn	19 30 38.0	+1.8
AUSP				Pb	19 31 15.3	+2.2
ARCO	CERRO ARCO	2.65	68	↑Pn	19 30 50.9	
ARCO	comp=Z,106nm,0.4s		AML	AML	19 31 17.6	-0.3
ARCO			IS	Sg	19 30 43.8	+2.8
RTLS	Leoncito	2.99	47	↑Pn	19 30 47.2	+0.2
RTLS			IS	Sb	19 30 53.5	+1.6
CFAA	Coronel Fontan	3.80	54	↑Pn	19 30 53.8	+1.6
CFAA			IS	Pb	19 31 43.6	-3.6
RTLL	Cerro Villiun	3.82	49	↑Pn	19 30 56.8	+0.9
RTLL			IS	Pb		
AMOG	MOGNA	4.08	45	↑Pn	19 30 56.8	+0.9

IDC 01 19:33:19.6±1.3, 36°62'N, 26°90'E, h121km, 19km, mb3.4/4, mb1.3/3.8, mb1mx3.1/3.1, mbtrmp3.6/8, Error ellipse: s-maj=21.3km s-min=12.9km az=175.0
 ISCJB 01 19:33:20.4±0.3, 36°52'N, 0°03'26"E, h145km, 3km, mb3.5/4, Error ellipse: s-maj=4.9km s-min=4.0km az=129.3

CSEM 01 19:33:21.5±0.3, 36°55'N, 26°90'E, h136km, 3km, MD3.0, Error ellipse: s-maj=5.6km s-min=4.1km az=158.0
 DDA 01 19:33:21.8, 36°69'N, 27°70'E, h7km, MD3.0
 ATH 01 19:33:23.2, 36°60'N, 27°70'E, h109km, 6km
 ISK 01 19:33:23.6, 36°69'N, 26°88'E, h119km, MD3.3
 NIC 01 19:33:24.8, 36°75'N, 27°14'E, h616km, ML3.3
 HLW 01 19:33:29.7, 35°18'N, 27°25'E, h33km, 3km, MD3.6, MI3.3
 ISC 01 19:33:21.1±0.8, 36°51'N, 0°04'26"E, h141km, 6km, n79, c132/113, mb3.6/4, 4C-4D, Dodecanese Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
BODT	Bodrum	0.63	29	ePn	19 33 42.0	-0.1
BODT				ePg	19 33 42.1	-0.1
BODT	Bodrum	0.63	29	ePn	19 33 42.0	-0.1
BDRM	Kayabasi	0.69	36	eP	19 33 42.8	+0.2
BDRM				IS	19 33 58.6	-0.4
BDRM	Kayabasi	0.69	36	↑Pn	19 33 42.8	+0.2
BDRM				IS	19 33 58.6	-0.4
KARP	Karpathos	0.98	169	ePn	19 33 46.1	+1.2
KARP				eS	19 33 46.1	+1.2
KARP	Karpathos	0.98	169	eP		

Table with columns: ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like NWAO Narrogin (SRO), MJAR Matsushiro Arr, etc.

Table with columns: ILAR, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ILAR 1.9nm,0.7s,baz=227,slow=6.3,SNR=13, etc.

Table with columns: KRLC, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KRLC Liptovska Anna, PRU Pruhonice, etc.

IDC 01 19:37:22.8:46.0, 13:84S:167.45E, h0km, mb3.6/3, mb1 3.8/4, mb1mx3.6/42, mbtmp3.7/4, ML3.0/1, Error ellipse: s-maj=786.8km s-min=56.5km az=59.0, Vanuatu Islands

IDC 01 20:07:55.8:16.0, 46:18N:148.24E, h0km, mb3.8/4, mb1 4.0/4, mb1mx3.4/41, mbtmp3.8/4, Error ellipse: s-maj=389.9km s-min=75.8km az=159.0

IDC 01 20:08:08.7:0.2, 44:40N:149.17E, h57km, mb4.3/4, JMA 01 20:08:10.3:0.4, 44:70N:148.41E, h144km, M3.2

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res. Includes stations like KUR Kuril'sk, SHO Shikotan, etc.

Table with columns: KRSC 01 20:20:12.0:1.9, 49:83N:156.69E, h97km, 31km, ML4.0, Kuril Islands. Includes columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res.

Table with columns for station name, location, frequency, power, and signal quality. Includes stations like BJ1 Beijing, MNAS Manas, MK01 Makanchi Array, etc.

Table with columns for station name, location, frequency, power, and signal quality. Includes stations like MDJ, AB31 Akbulak array, ABKAR Akbulak array, etc.

Table with columns for station name, location, frequency, power, and signal quality. Includes stations like BR101 Keskin Array S, PMG Port Moresby, ANTO Ankara, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res, Code, Station Name, Az, El, P, S, Res, Time, Res. Includes stations like CHN3, TAW, EAST, TWM1, TWM2, etc.

BUIJ 02 00:57:16.5, 2.00N, 95.93E, h34km, mb4.8/49, mb4.9/35, Ms4.5/33, Ms7 4.2/34
IDC 02 00:57:17.9, 0.6, 2.55N, 96.02E, h0km, mb4.4/27, mb1 4.4/29, mb1mx4.3/38, mbtmp4.4/29, ML4.3/2, MS4.0/17, Ms1 4.0/17, ms1mx3.7/34, Error ellipse: s-maj=19.1km s-min=11.3km az=40.0

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res. Includes stations like SNSI, WLSI, GSI, GSI, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res. Includes stations like KHON, UBPT, LOEI, UTTA, PALK, etc.

Table with columns: Code, Station Name, Az, El, P, S, Res, Time, Res. Includes stations like LZH, DHRM, FITZ, NJ2, etc.

TORD Torodi Ar. Bea 122.37 289 PKP PKPdf 03 44 40.2 -0.3

ISC 02 03:38:19.5,0.6,8.35S:122.03E,h0km,mb4.5/13, mb1.4/6/17,mb1mx4.4/36,mbtmp4.5/17,ML4.4/4,MS3.8/20, MS1.3/20,ms1mx3.7/29,Error ellipse: s-maj=22.5km s-min=11.9km az=70.0

ISCJB 02 03:38:22.0,0.3,8.47S:121.97E,0.03,h37km,4km, mb4.6/35,MS3.7/14,Error ellipse: s-maj=4.8km s-min=4.3km az=166.0

NEIC 02 03:38:23.4,1.4,8.41S:121.91E,h26km,11km,mb4.8/15, Error ellipse: s-maj=11.3km s-min=6.9km az=52.0

NEIC Felt (III) at Maumere. DJA 02 03:38:23.9,0.3,8.32S:121.22E, h14km,3km,MS.0/38, mb5.0/38,mb5.5/14,MLV5.0/24,MLV5.0/18,MLV5.0/14, Mwps.8/1

ISC 02 03:38:23.7,0.8,8.50S:102.04:121.98E:0.04,h29km,6km, n112,e144/98,mb4.6/35,MS3.8/14,IC,Flores region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like MMRI, EDPI, WSI, BANI, BATI, BBSI, BBSB, BKSI, KAPI, KAPU, KDI, SPSI, TTSI, SRBI, IGBI, NLAI, LUWI, LUWI, LUWI, APSI, SANI, SANI, JAGI, KBKI, PCI, KMMI, BLJI, MSAI, BNDI, MRSI, MPSI, GTOI, LBMI, PWJI, FITZ, FITZ, FITZ, FITZ, SWI, SIJI, SIJI, MBWA, LEM, KSM, WRA, WRA, WRA, WRAB, PPBI, MDSI, LHSI, ASAR, ASAR, TPRI, COEN, FORT, MNSI, IPM, NWAO, PMG, KULM, PSI, PSI, CTA, CTA, UBPT, STKA, STKA, SKNT, CHAI.

GUMO Guam 31.59 46 LR 03 56 42.5

NONG Nongkai 32.28 325 P 03 44 52.5 +2.4

LOEI Louisa 32.96 322 P 03 45 01.1 +5.0

UTTA Utatardi 33.58 321 P 03 45 02.9 +1.4

LAMP Lampang 34.74 321 P 03 45 13.7 +2.1

CMAR Chiang Mai Arr 35.13 320 P 03 45 15.8 +0.9

CMMT Chiang Mai 35.38 320 P 03 45 18.0 +0.8

CHTO Chiang Mai 35.39 320 eP 03 45 18.0 +0.8

CRAI Chiangrai 35.59 324 P 03 45 16.9 -2.0

KSR5 Korea Array 46.05 7 LR 04 07 19.3

MJAR Matsushima Arr 47.32 18 P 03 46 53.1 -1.8

LSA Lhasa 48.19 323 eP 03 47 01.8 -0.4

THE 02 03:53:04.5,38.23N:23.17E,h8km,1km,ML4.2/14,Error ellipse: s-maj=1.0km s-min=0.4km az=197.0

ISC 02 03:53:04.3,0.8,38.24N:0.01:23.16E:0.01,h14km,5km, n337,e122/463,mb4.1/17,MS3.4/4,29C-22D,Greece

Code Station Name Az Phase ID Time Res ISC

LTK Loutraki 0.27 214 P 03 53 10.0 0.0

LOUT Loutraki 0.29 210 ePb 03 53 10.0 0.0

LOUT Loutraki 0.29 210 ePb 03 53 10.0 0.0

ACOR Acrocorinthos 0.42 213 P 03 53 12.5 -0.2

LKR Lokris 0.42 343 ePb 03 53 13.0 +0.2

LKR Lokris 0.42 343 ePb 03 53 13.0 +0.2

LKR Lokris 0.42 343 P 03 53 13.0 +0.2

ATH Athens Observa 0.52 121 ePn 03 53 14.4 -0.1

ATH Athens Observa 0.52 121 P 03 53 14.4 -0.1

ISK 02 03:40:43.0,38.83N:40.11E,h23km,MD2.8 CSEM 02 03:40:43.2,0.8,39.01N:39.97E,h10km,MD2.8,Error ellipse: s-maj=20.0km s-min=16.6km az=54.0

ISCJB 02 03:40:44.5,0.5,38.83N:0.03:40.08E:0.03,h3km,9km, Error ellipse: s-maj=5.6km s-min=4.4km az=176.4

DDA 02 03:40:44.3,38.83N:0.03:40.11E,h7km,MD2.7

ISC 02 03:40:43.9,1.2,38.82N:0.03:40.11E:0.03,h13km,11km, n13,e193/724,Turkey

Code Station Name Az Phase ID Time Res ISC

BINT Bingol 0.30 79 ePb 03 40 53.2 -0.9

MEX 02 03:41:02.1,0.5,16.74N:94.22W,h118km,10km,MD3.9, Oaxaca

Code Station Name Az Phase ID Time Res ISC

LTK Loutraki 0.27 214 P 03 53 10.0 0.0

LOUT Loutraki 0.29 210 ePb 03 53 10.0 0.0

LOUT Loutraki 0.29 210 ePb 03 53 10.0 0.0

ACOR Acrocorinthos 0.42 213 P 03 53 12.5 -0.2

LKR Lokris 0.42 343 ePb 03 53 13.0 +0.2

LKR Lokris 0.42 343 ePb 03 53 13.0 +0.2

LKR Lokris 0.42 343 P 03 53 13.0 +0.2

ATH Athens Observa 0.52 121 ePn 03 53 14.4 -0.1

ATH Athens Observa 0.52 121 P 03 53 14.4 -0.1

ISK 02 03:40:43.0,38.83N:40.11E,h23km,MD2.8 CSEM 02 03:40:43.2,0.8,39.01N:39.97E,h10km,MD2.8,Error ellipse: s-maj=20.0km s-min=16.6km az=54.0

ISCJB 02 03:40:44.5,0.5,38.83N:0.03:40.08E:0.03,h3km,9km, Error ellipse: s-maj=5.6km s-min=4.4km az=176.4

DDA 02 03:40:44.3,38.83N:0.03:40.11E,h7km,MD2.7

ISC 02 03:40:43.9,1.2,38.82N:0.03:40.11E:0.03,h13km,11km, n13,e193/724,Turkey

Code Station Name Az Phase ID Time Res ISC

BINT Bingol 0.30 79 ePb 03 40 53.2 -0.9

MEX 02 03:41:02.1,0.5,16.74N:94.22W,h118km,10km,MD3.9, Oaxaca

Code Station Name Az Phase ID Time Res ISC

LTK Loutraki 0.27 214 P 03 53 10.0 0.0

LOUT Loutraki 0.29 210 ePb 03 53 10.0 0.0

LOUT Loutraki 0.29 210 ePb 03 53 10.0 0.0

ACOR Acrocorinthos 0.42 213 P 03 53 12.5 -0.2

LKR Lokris 0.42 343 ePb 03 53 13.0 +0.2

LKR Lokris 0.42 343 ePb 03 53 13.0 +0.2

LKR Lokris 0.42 343 P 03 53 13.0 +0.2

ATH Athens Observa 0.52 121 ePn 03 53 14.4 -0.1

ATH Athens Observa 0.52 121 P 03 53 14.4 -0.1

ISK 02 03:40:43.0,38.83N:40.11E,h23km,MD2.8 CSEM 02 03:40:43.2,0.8,39.01N:39.97E,h10km,MD2.8,Error ellipse: s-maj=20.0km s-min=16.6km az=54.0

ISCJB 02 03:40:44.5,0.5,38.83N:0.03:40.08E:0.03,h3km,9km, Error ellipse: s-maj=5.6km s-min=4.4km az=176.4

DDA 02 03:40:44.3,38.83N:0.03:40.11E,h7km,MD2.7

ISC 02 03:40:43.9,1.2,38.82N:0.03:40.11E:0.03,h13km,11km, n13,e193/724,Turkey

Code Station Name Az Phase ID Time Res ISC

BINT Bingol 0.30 79 ePb 03 40 53.2 -0.9

MEX 02 03:41:02.1,0.5,16.74N:94.22W,h118km,10km,MD3.9, Oaxaca

Code Station Name Az Phase ID Time Res ISC

LTK Loutraki 0.27 214 P 03 53 10.0 0.0

LOUT Loutraki 0.29 210 ePb 03 53 10.0 0.0

LOUT Loutraki 0.29 210 ePb 03 53 10.0 0.0

ACOR Acrocorinthos 0.42 213 P 03 53 12.5 -0.2

LKR Lokris 0.42 343 ePb 03 53 13.0 +0.2

LKR Lokris 0.42 343 ePb 03 53 13.0 +0.2

LKR Lokris 0.42 343 P 03 53 13.0 +0.2

ATH Athens Observa 0.52 121 ePn 03 53 14.4 -0.1

ATH Athens Observa 0.52 121 P 03 53 14.4 -0.1

Table with columns: ITM, Ithomi, 1.44 223 ePn, Pb, 03 53 31.0 +0.1, DRME, 4.98 324 l/Pn, Sn, 03 55 16.9 +1.0, PAB, 1.5m,0.6s,baz=77,slow=11,SNR=12, P, 03 57 52.4 +0.5

Table with columns: DRME, Dracevica, Mon, 4.98 324 l/Pn, Sn, 03 55 16.9 +1.0, PAB, San Pablo, 21.42 282 eP, P, 03 57 52.4 +0.5

Table with columns: PAB, San Pablo, 21.42 282 eP, P, 03 57 52.4 +0.5, HFS, Hagfors, 21.72 348 P, P, 03 58 05.1 -0.4

Table with columns: CSEM 02:03:55:57.3,0.9,51:81N:16:15E, h1km, ML2.4/6, Error ellipse: s-maj=22.7km s-min=12.8km az=96.0, PRU 02:03:56:04.9,51:49N:16:09E, h0km, Poland

Table with columns: ISC/JB 02:03:59:13.7,0.6,8:66S:0.06:74:69W,0.06, h147km, mb3.8/7, Error ellipse: s-maj=9.2km s-min=8.5km az=157.7

Table with columns: ISC 02:03:59:14.0,1.7,8:67S:74:66W, h134km, 20km, mb3.6/7, mb1.3/7.1, mb1mx3.5/3.4, mbtmq4/1.11, MS3.1/2, mb1.3/2, ms1mx2.7/2.3, Error ellipse: s-maj=21.7km s-min=12.5km az=55.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, NNA Nana, 3.90 212 Op, ISC, 04 00 14.7 +0.4

Table with columns: SJA 02:04:05:29.6,0.8,28:52S:67:52W, h140km, 4km, ML2.4, MW2.8, La Rioja Province, Code, Station Name, Az, Az2, Phase ID, Time Res, VCA Vinchina, 0.65 250 iP, ISC, 04 05 51.5 +0.6

Table with columns: Code, Station Name, Az, El, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like CYA, APL, AMOG, AHML, FSA, CFAA.

ISCJB 02 04:09:31.4.0.4, 51.43N, 0.02, 16.08E, 0.02, h0km, Error ellipse: s-maj=3.3km s-min=1.9km az=12.3

CSEM 02 04:09:32.7.0.2, 51.45N, 0.12, 16.08E, 0.02, h0km, Error ellipse: s-maj=3.7km s-min=2.2km az=16.0

VIE 02 04:09:33.9.0.4, 51.32N, 16.04E, h0km, mb2 4/3, ml2.9/4, Error ellipse: s-maj=3.4km s-min=2.5km az=26.0

IDD 02 04:09:34.0.0.8, 51.46N, 15.97E, h0km, mb1 3.3/6, mb1mx3.1/37, mbtmp3.2/6, ML2.8/6, Error ellipse: s-maj=4.7km s-min=2.2km az=20.0

BGR 02 04:09:34.3.0.4, 51.44N, 16.12E, h1km, ML3.0/17, Error ellipse: s-maj=4.4km s-min=2.2km az=20.0

ISC 02 04:09:32.2.0.7, 51.50N, 0.03, 16.10E, 0.02, h0km, n82, r154/148, 2C-1D, Poland

Table with columns: Code, Station Name, Az, El, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like KSP, DPC, PVCC, BRG, PRA, GOPC, PRU, MORC, OKC, WRAC, VRC, TREC, TANN, WERD, NKC, NKCC, OJC, KHC, MANZ, MOX, ROTZ, GERES.

Table with columns: Code, Station Name, Az, El, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like GEC2, GERES, GERE, WET, LANS, VYHS, CONA, CLZ, GRA1, GRF, BSD, MOA, STHS, KECS, KOLS, AKAS, HFS, FINES, EKA, ARCES, AUSTR, ISCJB, DJA, WOJI, XMI, XMS, PCJI, UJWJ, NGJI, KASI, DJA, NLAI, MSAI, SANI, LBMI, SUI, ISCJB, AUSTR, NEIC, IDC, MS1, ISC, TANTI, TNTI, SGSI, LBMI, KMSI, SANI, GTOI, SJI, SJI, NLAI, DAV, DAV, DAV, LUWI, LUWI.

Table with columns: Code, Station Name, Az, El, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like LUWI, MRSI, APSI, TOLI, FAKI, FAKI, KDI, MPSI, PCI, TTSI, SPSI, BKSI, KAPI, KAPI, KAPI, JAY, MTN, KDU, KMMI, KMMI, KSM, FITZ, FITZ, FITZ, WRA, WRA, CGJI, MDSI, ASAR, ASAR, WRKA, SKNT, CTA, NONG, MEEK, LOEI, CMAR, CMMT, CHTO, CMAI, KLB, KSAR, KBRO, MJAR, STKA, STKA, RKGY, ARMA, ARPS, USRK, TAPN, ODAN, RAMN, GUN, PKI, KKN, DMN, GKN, KOLN, SONM, MKAR, TKM2, ZALV, ZALV, EKSE, SEY, KKAR, BRVK, ABKAR, VNSA, KDAD, TXAR, TORD, TORD.

ISC 02 04:38:34.5.590.0, 45.38N, 125.10W, h0km, Error ellipse: s-maj=286.3km s-min=122.7km az=48.0, Off coast of Oregon

Table with columns: Code, Station Name, Az, El, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like I56U, I53U, I18DK.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like B31A Greenbush Farm, K26A Motz Farm, G28A Parade, etc.

MEX 02 07:00:15.4:0.5, 17:13N:100.16W, h31km, 4km, MD3.6, Guerrero. Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CAIG El Cayaco, MEIG Mezcala, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TEY TEY, ASAJ Asahikawa, ASAJ Asahikawa, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KSAR, TJN, BJL, BJT, ULN, etc.

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

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like EKS2, SHL, ARU, ARU, ARU, etc.

IBP	comp=Z,10nm,0.9s baz=71	71.47	61	P	P	07 19 21.3 +0.4
K30A	Basset baz=71	71.49	43	P	P	07 19 20.8 0.0
I33A	Coleman baz=71	71.52	41	P	P	07 19 21.1 +0.1
J32A	Parkston baz=71	71.66	42	P	P	07 19 21.4 -0.3
WUAZ	Wupatki baz=72,SNR=6.4	71.73	56	P	P	07 19 22.3 -0.2
WUAZ	Wupatki comp=Z,9.9nm,1.1s baz=72,SNR=6.9	71.73	56	eP	P	07 19 23.8 +1.3
N27A	Anderson Farm baz=72,SNR=5.8	71.75	46	P	P	07 19 22.4 0.0
MVCO	Mesa Verde baz=72,SNR=5.7	71.83	52	eP	P	07 19 22.8 -0.3
MVCO	Mesa Verde comp=Z,6.5nm,0.9s	71.83	52	eP	P	07 19 23.7 +0.5
GLA	Glamis baz=72	71.85	59	P	P	07 19 23.9 +0.8
ECSO	EROS Data Cent baz=72,SNR=12	71.86	41	P	P	07 19 22.0 -1.0
ECSO	EROS Data Cent comp=Z,15nm,0.9s	71.86	41	eP	P	07 19 22.7 -0.2
OGNE	Ogallala baz=72,SNR=6.9	71.86	46	P	P	07 19 23.2 +0.1
OGNE	Ogallala comp=Z,29nm,0.8s	71.86	46	eP	P	07 19 23.7 +0.6
KBA	Koelnbreinsper comp=Z,19nm,0.7s	71.91	326	ipP	P	07 19 24.9 +1.5
DOU	Dourbes comp=Z,4.2nm,1.2s	71.99	33	P	P	07 19 27.6 +4.0
J33A	Davis baz=72	72.06	41	P	P	07 19 23.9 -0.2
SPMM	St. Pauli baz=72	72.09	37	P	P	07 19 23.9 -0.4
WRAB	Tennant Creek WRAB	72.10	188	ipP	pmax	07 19 24.2 -0.3
WRAB	Tennant Creek comp=Z,14nm,1.0s	72.10	188	eP	P	07 19 24.1 -0.3
WRAB	Tennant Creek comp=Z,12nm,0.9s	72.10	188	eP	P	07 19 23.8 -0.8
WRA	Warramunga Arr comp=Z,10nm,0.9s,baz=6.7,slow=6,SNR=40	72.11	188	P	P	07 19 23.7 -0.8
WRA	Warramunga Arr comp=Z,11nm,0.9s	72.11	188	pmax	pmax	07 19 23.7 -0.8
S22A	4UR Ranch, Cre baz=72,SNR=8.3	72.21	51	P	P	07 19 25.2 -0.3
S22A	4UR Ranch, Cre comp=Z,6.6nm,1.1s	72.21	51	eP	P	07 19 25.6 +1.1
O27A	Beecher Island baz=72	72.27	47	P	P	07 19 26.5 0.0
WTTA	Wattenberg comp=Z,12nm,0.8s	72.33	327	ipP	P	07 19 26.8 +0.9
P26A	Davis Ranch, A baz=72	72.39	48	P	P	07 19 26.1 -0.3
MOTA	Moomsal comp=Z,4.0nm,0.6s	72.43	327	ipP	P	07 19 27.0 +0.5
BFO	Black Forest BFO	72.46	330	eP	pmax	07 19 27.5 +1.0
BFO	Black Forest comp=Z,10nm,1.1s	72.46	330	eP	P	07 19 27.1 +0.6
J34A	George baz=72	72.50	41	P	P	07 19 26.7 -0.1
O28A	Krutsinger Ran baz=72	72.64	46	P	P	07 19 27.6 -0.1
K33A	Hardington baz=72	72.64	42	P	P	07 19 27.4 -0.2
P27A	Ficken Ranch, baz=72	72.74	47	P	P	07 19 28.0 -0.4
O26A	Hugo baz=73	72.82	48	P	P	07 19 28.9 -0.1
FETA	Feichten comp=Z,12nm,1.3s	72.84	328	ipP	P	07 19 30.4 +1.4
SDCO	Great Sand Dun baz=72,SNR=11	72.85	50	P	P	07 19 29.4 +0.1
SDCO	Great Sand Dun comp=Z,6.3nm,1.1s	72.85	50	eP	P	07 19 29.6 +0.3
ECH	Echery comp=Z,8.0nm,0.9s	72.92	330	eP	pmax	07 19 29.2 0.0
ECH	Echery comp=Z,8.3nm,0.9s	72.92	330	eP	P	07 19 29.2 0.0
K34A	Le Mars baz=73	72.94	41	P	P	07 19 28.9 -0.5
O29A	4D Ranch, Culb baz=73	73.07	46	P	P	07 19 30.1 -0.2
P28A	Saint Francis baz=73	73.10	47	P	P	07 19 30.4 -0.1
DAVOX	Davos/Dischmat comp=Z,3.9nm,0.7s,baz=34.3,slow=3.0,SNR=5.3	73.33	328	P	P	07 19 32.9 +1.0
DAVOX	Davos/Dischmat comp=Z,4.0nm,0.7s	73.33	328	pmax	pmax	07 19 32.9 +1.0
FUORN	Ofenpass-Fuorn comp=Z,13nm,1.1s	73.35	328	eP	P	07 19 33.4 +1.3
O30A	MW Ranch, Wils baz=73	73.35	45	P	P	07 19 31.2 -0.7
R26A	Arlington baz=73,SNR=5.2	73.36	48	P	P	07 19 31.9 -0.3
L34A	Svendsen Farm, baz=73	73.43	42	P	P	07 19 32.0 -0.3
P29A	Atwood baz=73	73.44	46	P	P	07 19 31.9 -0.6
O28A	Sharon Springs baz=73	73.48	47	P	P	07 19 32.3 -0.5
N32A	Stulken Farm, baz=73	73.63	44	P	P	07 19 33.2 -0.3
R27A	Eads baz=74,SNR=6.3	73.73	48	P	P	07 19 33.3 -0.6
214A	Organ Pipe Nat baz=74	73.77	59	P	P	07 19 34.3 -0.2
TUE	Stuetta comp=Z,9.3nm,1.2s	73.78	328	eP	P	07 19 35.5 +0.9
P30A	Selden baz=74	73.79	46	P	P	07 19 34.2 -0.3
T25A	Trinidad baz=74	73.85	50	P	P	07 19 34.7 -0.5
T25A	Trinidad comp=Z,6.9nm,1.0s	73.85	50	eP	P	07 19 35.8 +0.7
S26A	Kim baz=74	73.90	49	P	P	07 19 34.8 -0.5
O32A	Brockman Farm, baz=74	74.05	44	P	P	07 19 35.2 -0.8
R28A	Tribune baz=74,SNR=6.5	74.07	47	P	P	07 19 35.9 -0.4
P31A	Stockton baz=74	74.19	45	P	P	07 19 36.0 -0.8
T26A	Comanche Natio baz=74,SNR=5.0	74.20	49	P	P	07 19 36.5 -0.7
O30A	Quinter baz=74,SNR=5.3	74.27	46	P	P	07 19 36.9 -0.5
R29A	Marienthal baz=74,SNR=6.4	74.31	47	P	P	07 19 37.0 -0.6
N34A	Lincoln baz=74	74.32	42	P	P	07 19 36.7 -0.8
P32A	Huiting Farm, baz=74	74.44	44	P	P	07 19 37.5 -0.8
O33A	Hebron baz=74	74.50	43	P	P	07 19 37.7 -0.9
Q31A	Ellis baz=74	74.61	45	P	P	07 19 38.4 -0.9
CBKS	Cedar Bluff baz=74	74.61	46	P	P	07 19 38.5 -0.8
ANMO	Albuquerque ANMO	74.63	53	eP	pmax	07 19 40.6 +0.9
ANMO	Albuquerque comp=Z,37nm,2.6s	74.63	53	eP	pmax	07 19 40.6 +0.9
S28A	Manter baz=74	74.65	48	P	P	07 19 39.6 0.0
N35A	Tabor baz=74	74.65	42	P	P	07 19 39.5 +0.1
LAZ	Ladron baz=74	74.73	53	eP	P	07 19 41.3 +1.0
O34A	Beatrice baz=74	74.79	43	P	P	07 19 39.5 -0.8
R30A	Dighton baz=74	74.81	46	P	P	07 19 40.2 -0.3
T28A	Walsh baz=75	74.93	48	P	P	07 19 40.3 -1.0
S29A	Ulysses baz=75	74.98	47	P	P	07 19 41.1 -0.5
Q32A	Meitler Ranch, baz=75	74.98	45	P	P	07 19 40.5 -0.9
P33A	Williams Farm, baz=75	74.98	44	P	P	07 19 40.6 -0.8

R31A	Burdett baz=75	75.14	46	P	P	07 19 41.7 -0.7
U27A	Thompson Grove baz=75,SNR=6.9	75.17	49	P	P	07 19 42.9 +0.1
BNM	Baron Site baz=75	75.19	53	eP	P	07 19 44.0 +1.1
S30A	Montezuma baz=75	75.26	47	P	P	07 19 42.7 -0.5
P34A	Walnut Farm, R baz=75	75.26	43	P	P	07 19 42.2 -0.8
T29A	Hugoton baz=75	75.28	48	P	P	07 19 42.6 -0.7
Q33A	Connelly Farm, baz=75	75.29	44	P	P	07 19 42.5 -0.7
R32A	Long Quarter, baz=75	75.39	45	P	P	07 19 43.1 -0.7
P35A	Duane Minner, baz=75	75.62	43	P	P	07 19 44.5 -0.6
KSU1	Kansas State U baz=75	75.73	43	P	P	07 19 45.4 -0.3
KSU1	Kansas State U comp=Z,9.4nm,0.6s	75.73	43	eP	P	07 19 45.0 -0.7
Q34A	Chapman baz=76	75.74	44	P	P	07 19 45.3 -0.4
R33A	Olander Ranch, baz=76	75.80	45	P	P	07 19 45.8 -0.3
AS01	Alice Springs baz=76	75.83	188	eP	P	07 19 46.2 -0.1
ASAR	Alice Springs comp=Z,11nm,0.8s,baz=9.3,slow=5.3,SNR=78	75.83	188	eP	P	07 19 46.4 +0.1
P36A	Good Intent, A baz=76	75.88	42	P	P	07 19 46.2 -0.3
BNI	Bardonecchia BNI	75.89	329	eP	pmax	07 19 47.1 +0.4
BNI	Bardonecchia comp=Z,5.0nm,0.8s	75.89	329	eP	pmax	07 19 47.1 +0.4
121A	Cookes Peak, D baz=76,SNR=6.6	75.90	55	P	P	07 19 47.2 +0.2
121A	Cookes Peak, D comp=Z,12nm,1.1s	75.90	55	eP	P	07 19 47.1 0.0
U30A	WK&E Inc. Balk baz=76	76.09	48	P	P	07 19 46.9 -0.9
R34A	Isabella, Hill baz=76	76.12	44	P	P	07 19 47.2 -0.8
Q35A	Merced Eighty, baz=76	76.17	43	P	P	07 19 47.4 -0.8
SSB	Saint Sauveur SSB	76.35	331	eP	pmax	07 19 49.8 +0.6
SSB	Saint Sauveur comp=Z,11nm,1.0s	76.35	331	eP	pmax	07 19 49.8 +0.6
R35A	Emporia Municl baz=76	76.55	44	P	P	07 19 50.0 -0.4
T33A	Patterson Ranc baz=76	76.71	46	P	P	07 19 50.5 -0.8
Q37A	Longview Farm, baz=76	76.82	42	P	P	07 19 51.2 -0.7
R36A	Gordon, Harris baz=77	76.85	43	P	P	07 19 51.6 -0.4
DZM	Mont Dzumac comp=Z,3.8nm,1.0s,baz=0.3,slow=2.2,SNR=6.2	76.87	157	P	P	07 19 53.3 +1.0
AMTX	Amarillo baz=77	76.97	49	P	P	07 19 52.7 -0.2
AMTX	Amarillo comp=Z,12nm,0.9s	76.97	49	eP	P	07 19 53.2 +0.3
X28A	Dimmitt baz=77	77.02	50	P	P	07 19 52.9 -0.3
S35A	Otter Creek Ra baz=77	77.04	44	P	P	07 19 52.5 -0.7
V31A	Spring Creek L baz=77,SNR=5.1	77.08	47	P	P	07 19 53.4 0.0
R37A	Teagarden Farm baz=77	77.14	43	P	P	07 19 52.9 -0.8
MSTX	Mulleshoe MSTX	77.20	51	P	P	07 19 53.7 -0.6
MSTX	Mulleshoe comp=Z,34nm,1.9s	77.20	51	eP	P	07 19 54.6 +0.4
T34A	McClaskey Farm baz=77	77.22	45	P	P	07 19 53.4 -0.8
S36A	Lake Cedric, C baz=77	77.31	43	P	P	07 19 54.2 -0.5
X29A	Tulla baz=77	77.32	50	P	P	07 19 54.6 -0.3
HDIL	Hopedale baz=77	77.41	38	P	P	07 19 54.7 -0.5
W31A	Holland Ranch, baz=77	77.52	48	P	P	07 19 55.2 -0.8
U34A	Anderson Ranch baz=77	77.56	46	P	P	07 19 55.3 -0.8
U34A	Anderson Ranch comp=Z,22nm,1.3s	77.56	46	eP	P	07 19 56.4 +0.3
EIDS	Eidsvold comp=Z,7nm,1.1s	77.57	172	eP	P	07 19 57.0 +1.0
T35A	Sooner Creek L baz=77,SNR=5.1	77.60	45	P	P	07 19 55.8 -0.5
S37A	Fort Scott baz=77,SNR=5.4	77.61	43	P	P	07 19 55.7 -0.7
V33A	Lossen Ranch, baz=78	77.74	46	P	P	07 19 56.1 -1.0
MNTX	Cornudas Mount comp=Z,27nm,1.3s	77.78	54	eP	P	07 19 58.0 +0.6
Y29A	Porterfield Fa baz=78	77.81	50	P	P	07 19 57.1 -0.5
W32A	Sentinel baz=78,SNR=5.5	77.89	47	P	P	07 19 58.0 0.0
Z28A	Tucker Farm, M baz=78	77.94	51	P	P	07 19 57.9 -0.5
X31A	McDonald Ranch baz=78,SNR=8.0	77.96	48	P	P	07 19 58.2 -0.2
U35A	Pawnee baz=78	77.97	45	P	P	07 19 58.3 0.0
T37A	Cheneyville 18 baz=78	78.13	43	P	P	07 19 58.4 -0.8
Y30A	Stallford Catti baz=78	78.16	49	P	P	07 19 58.9 -0.6
W33A	Caddo, Fort Co baz=78	78.22	47	P	P	07 19 59.9 +0.1
SFIN	Scholer Farm, baz=78	78.38	36	P	P	07 19 59.8 -0.7
Y31A	Riekelta Farm, baz=78	78.39	49	P	P	07 20 00.4 -0.4
WMOK	Wichita Mounta WMOK	78.42	47	eP	pmax	07 20 01.3 +0.4
WMOK	Wichita Mounta comp=Z,10.0nm,0.9s	78.42	47	eP	pmax	07 20 01.3 +0.4
V35A	Meyer Ranch, C comp=Z,9.9nm,0.9s	78.43	45	P	P	07 20 00.9 0.0
128A	Castleberry Fa baz=78	78.44	51	P	P	07 20 00.8 -0.4
X32A	Elmer baz=78	78.45	48	P	P	07 20 00.9 -0.2
W34A	Bridge Creek, baz=78	78.46	46	P	P	07 20 01.2 +0.1
Z30A	Sanderson Ranc baz=78	78.54	50	P	P	07 20 01.3 -0.4
U37A	Salina baz=78	78.63	44	P	P	07 20 02.0 0.0
X33A	Lawton baz=78	78.71	47	P	P	07 20 02.5 0.0
Y32A	R-V Farms, Ver baz=78	78.73	48	P	P	07 20 02.4 -0.2
TUL1	Tulsa comp=Z,15nm,0.9s	78.76	45	P	P	07 20 02.5 -0.2
TUL1	Tulsa comp=Z,15nm,0.9s	78.76	45	eP	P	07 20 03.2 +0.4
V36A	Jenks baz=79,SNR=5.6	78.80	45	P	P	07 20 02.5 -0.5
U38A	Gravette baz=79,SNR=5.4	78.91	43	P	P	07 20 03.2 -0.4
V35A	McMensch baz=79	78.93	46	P	P	07 20 03.7 0.0
X34A	Smith Ranch, M baz=79,SNR=5.3	78.96	47	P	P	07 20 03.0 0.0
Z31A	Sharp Cattle R baz=79	7				

Table with columns: TIRR, TIRRS, Targusor, 1.84 132, Pn, Sn, 09 31 04.3 +0.4, 09 31 25.2 -1.7

NIED 02 09:32:00.43'40N,146'50E,h47km,Mw3.6 Best double couple: M2.61000x1014 Np1.3x78.00000, 847.00000, 7.40.00000... NP2.3x319.00000, 862.00000, 7.130.00000...

SKHL 02 09:32:44.80.7.43'44N-146'62E,h43km,2km,mb4.2/3 JMA 02 09:32:44.70.2.43'44N-146'54E,h52km,2km,mb3.5

ISCJB 02 09:32:44.4.1.9,43'44N,07.146'61E,0.06,h34km,3km,n14,c0549/24,Kuril Islands

Main table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC

IDC 02 09:46:47.70.8.6'31S-149'34E,h0km,mb3.9/7,mb1.4/1.9,mb1mx3.8/38,mbtmp4.0/9,ML3.6/2,MS2.7/1,Ms1.2/7.1,ms1mx2.2/33,Error ellipse: s-maj=26.6km

ISCJB 02 09:46:52.0.8.6'31S,01.149'3E,0.11,h49km,mb3.8/7, Error ellipse: s-maj=22.0km s-min=10.2km az=31.1

ISC 02 09:46:54.3.0.8,6'45S,01.149'3E,0.2,h49km,n11,c1501/12,mb3.8/7,New Britain region

Main table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC

NNC 02 10:00:07.6.2.4,36'97N-171'06E,h151km,22km,mb3.0,mpv3.8,9C-6D,Error ellipse: s-maj=21.7km s-min=10.2km az=166.0,Afghanistan-Tajikistan border region

Main table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC

ISCJB 02 10:02:35.9.0.5,39'32N,01'02.0'91E,0.04,h13km,4km, Error ellipse: s-maj=5.3km s-min=3.3km az=146.0

CSEM 02 10:02:35.9.0.2,39'34N-20'98E,h2km,MD3.0, Error ellipse: s-maj=4.4km s-min=3.5km az=52.0

ATH 02 10:02:36.0,39'33N-20'98E,h15km,2km,MD3.0/17 THE 02 10:02:36.2,39'34N-20'98E,h6km,2km,ML2.5/5, Error ellipse: s-maj=2.4km s-min=0.6km az=324.0

ISC 02 10:02:36.5.1.0,39'33N,02.20'99E,0.02,h5km,9km,n51,c0589/74,Greece-Albania border region

Main table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC

Main table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC

IDC 02 10:25:07.6.1.1,6'26S-150'61E,h0km,mb4.1/7,mb1.4/3.8,mb1mx3.9/40,mbtmp4.1/8,ML1.5/1,MS3.3/1,Ms1.3/1,ms1mx2.4/28, Error ellipse: s-maj=49.3km s-min=19.0km az=125.0

ISCJB 02 10:25:11.0.0.9,6'35S,02'150'6E,0.2,h33km,mb3.9/6,MS3.1/1, Error ellipse: s-maj=39.6km s-min=10.8km az=42.2

ISC 02 10:25:12.6.1.1,6'35S,02'150'6E,0.3,h33km,n10,c058/10,mb4.0/5,New Britain region

Main table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC

ISCJB 02 10:29:57.8.0.5,67'96N,01'03.25'70E,0.10,h0km, Error ellipse: s-maj=5.4km s-min=3.5km az=164.6

CSEM 02 10:30:00.5,67'95N-25'81E,h0km,ML1.6, Mining explosion.

HEL 02 10:30:00.5.0.1,67'95N-25'81E,h0km,ML1.6, Explosion

IDC 02 10:30:01.8.4.1,68'00N-25'81E,h0km, Error ellipse: s-maj=33.8km s-min=23.3km az=86.0

ISC 02 10:30:02.0.9,67'97N,01'03.25'81E,0.05,h0km,n20,c0599/23,Finland

Main table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC

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

DDA 02 10:32:24.9,39'95N-38'74E,h7km,MD3.0 ISK 02 10:32:24.4,39'96N-38'77E,h8km,MD3.1

ISCJB 02 10:32:25.3.0.5,39'94N,01'02.38'77E,0.03,h8km,4km, Error ellipse: s-maj=4.1km s-min=3.7km az=151.5

CSEM 02 10:32:25.1.0.1,39'96N-38'76E,h1km,MD3.0, Error ellipse: s-maj=3.7km s-min=3.1km az=136.0

ISC 02 10:32:25.0.1.1,39'96N,01'02.38'76E,0.02,h7km,10km,n35,c054/56,Turkey

Main table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC

IGQ 02 10:46:13.1.3,1'33S-81'93W,h7km,81km,MB4.0,1D, Error ellipse: s-maj=16.4km s-min=5.9km az=10.0,Off coast of Ecuador

Main table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC

ISCJB 02 11:09:34.8.0.3,4'26N,01'03.125'82E,0.06,h100km,mb4.0/16, Error ellipse: s-maj=8.0km s-min=3.4km

IDC 02 11:09:36.0.1.5,4'25N-125'64E,h96km,14km,mb3.7/15,mb1.3/9/18,mb1mx3.9/28,mbtmp4.1/18, Error ellipse: s-maj=24.8km s-min=9.0km az=79.0

MAN 02 11:09:39.4'55N-125'73E,h85km,mb4.9,ML3.8,MS3.8 DJA 02 11:09:40.0,0.8,4'N,7'12'E,6E,h68km,6km,ML4.4/11,mb4.5/8,mb5.0/7,MLV4.5/11,MLW(m)/4.3/7

AUST 02 11:09:42.1.9.9,3'87N-125'99E,h126km, Error ellipse: s-maj=7.0km s-min=1.7km az=352.0

ISC 02 11:09:36.3.0.5,4'26N,01'04.125'78E,0.08,h100km,n49,c1926/55,mb4.1/16,1D,Taloud Islands

Main table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h m s, ISC

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MBIG Mexicali, SGNL Mount Signal, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KDAK Kodiak Island, SONM Songino Array, etc.

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

KRSC 02 12:58:39.4+0.6, 54.26N, 160.54E, h100km, 10km, ML3.7, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MKZ Mys Kozlova, KZV Kizimen, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, DZM 21nm, 0.3s, etc.

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

IDD 02 13:01:17.4-0.9, 17.99S, 167.96E, h0km, mb4.1/10, mb1 4.3/11, mb1mx4.1/18, mbtmp4.1/11, ML4.0/1, MS3.8/15, Ms1 3.8/15, ms1mx3.5/34, Error ellipse: s-maj=28.1km s-min=19.2km az=124.0

ISCJB 02 13:01:21.0+0.7, 17.94S, 0.07+167.8E:0.1, h32km, mb4.1/12, MS3.8/14, Error ellipse: s-maj=16.0km s-min=9.2km az=14.0

NEIC 02 13:01:22.8+0.6, 18.03S, 167.87E, h35km, mb4.4/5, Error ellipse: s-maj=14.2km s-min=12.0km az=134.0

ISC 02 13:01:22.6+0.8, 17.96S, 0.08+167.9E:0.1, h32km, n33, +f17/22, mb4.2/12, MS3.8/13, 1D, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, DZM 22nm, 0.3s, etc.

DDA 02 13:23:37.9, 37.23N, 28.19E, h7km, MD2.6

ISK 02 13:23:37.9, 37.12N, 28.15E, h5km, MD2.7

ISCJB 02 13:23:38.1+0.5, 37.21N, 0.04+28.19E:0.05, h6km, 9km, Error ellipse: s-maj=8.3km s-min=4.9km az=40.3

CSEM 02 13:23:38.3+0.2, 37.21N, 28.20E, h5km, MD2.7, Error ellipse: s-maj=4.9km s-min=3.9km az=34.0

ISC 02 13:23:38.3+0.1, 37.19N, 0.03+28.20E:0.03, h9km, 8km, n33, +f49/30, Turkey

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

IDD 02 13:28:04.7+0.5, 6.61S, 76.24W, h0km, mb4.3/16, mb1 4.5/22, mb1mx4.1/29, mbtmp4.4/22, ML4.5/4, MS4.1/19, Ms1 4.1/19, ms1mx3.9/26, Error ellipse: s-maj=12.8km s-min=11.9km az=85.0

NEIC 02 13:28:07.3+2.1, 6.59S, 76.14W, h17km, mb4.9/41, ML4.9(ARE), Error ellipse: s-maj=7.1km s-min=4.9km az=60.0

NEIC Felt [III] at Tarapoto and [II] at Lamas. ISCJB 02 13:28:08.1+0.2, 6.61S, 0.04+76.14W:0.05, h33km, mb4.8/55, MS4.1/15, Error ellipse: s-maj=7.5km s-min=4.8km az=154.1

BUI 02 13:28:11.9, 6.70S, 76.00W, h55km, MB5.2/7, Ms5.3/5, Ms7.4/9.5

ISC 02 13:28:09.0+0.4, 6.61S, 0.05+76.09W:0.08, h35km, n303, +f1807/304, mb4.8/55, MS4.2/15, Northern Peru

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

V37A	Hulbert	45.91 338	P	P	13 36 29.6 +0.4
W35A	Tecumseh	45.93 336	P	P	13 36 29.6 +0.2
Y32A	R-V Farms, Ver	46.05 333	P	P	13 36 30.6 +0.3
228A	UT Block 9, Go	46.06 328	P	P	13 36 30.6 +0.1
129A	Stewart Farms,	46.09 329	P	P	13 36 30.9 +0.1
V36A	Jenks	46.12 337	P	P	13 36 31.2 +0.4
U38A	Gravette	46.13 339	P	P	13 36 31.7 +0.8
TUL1	Tulsa	46.17 338	P	P	13 36 31.8 +0.5
Z30A	Sanderson Ranc	46.25 331	P	P	13 36 32.1 0.0
X32A	Elmer	46.33 333	P	P	13 36 32.2 +0.6
WMOK	Wichita Mounta	46.37 334	eP	P	13 36 32.6 -0.3
Y31A	Rekieta Farm,	46.39 332	P	P	13 36 33.9 +0.9
128A	Castleberry Fa	46.40 329	P	P	13 36 33.1 -0.2
V35A	Meyer Ranch, C	46.45 337	P	P	13 36 33.8 +0.4
W33A	Caddo, Fort Co	46.59 335	P	P	13 36 34.9 +0.3
Y30A	Stafford Catti	46.62 331	P	P	13 36 35.6 +0.7
V34A	Guthrie	46.78 336	P	P	13 36 36.4 +0.3
X31A	McDonald Ranch	46.82 333	P	P	13 36 36.8 +0.4
Z28A	Tucker Farm, M	46.88 329	P	P	13 36 37.1 +0.1
W32A	Sentinel	46.90 334	P	P	13 36 36.9 -0.1
T37A	Cheneyville 18	46.94 339	P	P	13 36 37.5 +0.3
U35A	Pawnee	46.94 337	P	P	13 36 37.4 +0.1
Y29A	Porterfield Fa	46.98 331	P	P	13 36 38.5 +0.7
X30A	Coker Ranch, T	47.08 332	P	P	13 36 38.2 -0.3
T36A	Boggs Farm, Ca	47.22 338	P	P	13 36 39.9 +0.4
MNTX	Cornudas Mount	47.26 325	eP	P	13 36 39.5 -0.4
W31A	Holland Ranch,	47.26 333	P	P	13 36 40.2 +0.3
U34A	Anderson Ranch	47.31 336	P	P	13 36 40.9 +0.7
X33A	Anderson Ranch	47.31 336	eP	P	13 36 40.1 0.0
V32A	Arapaho	47.32 334	P	P	13 36 40.9 +0.6
T35A	Sooner Cattle	47.33 338	P	P	13 36 41.1 +0.7
X29A	Tulia	47.47 331	P	P	13 36 42.1 +0.5
S37A	Fort Scott	47.48 340	P	P	13 36 42.1 +0.6
U33A	Lingo Farm, Me	47.54 336	P	P	13 36 42.4 +0.4
MSTX	Muleshoe	47.62 330	P	P	13 36 43.2 +0.4
T34A	McClaskey Farm	47.68 337	P	P	13 36 43.5 +0.5
S36A	Lake Cedric, C	47.71 339	P	P	13 36 43.9 +0.6
AMTX	Amarillo	47.82 331	P	P	13 36 44.7 +0.5
SFIN	Scholer Farm	47.84 349	P	P	13 36 44.6 +0.3
U32A	Winter Ranch,	47.86 335	P	P	13 36 45.0 +0.5
S35A	Otter Creek Ra	47.94 338	P	P	13 36 45.1 +0.1
W29A	Arraillo	47.99 332	P	P	13 36 45.7 +0.1
R34A	Isabella, Hill	48.83 338	P	P	13 36 52.1 +0.2
Q35A	Mercer Eighty,	48.88 339	P	P	13 36 52.5 +0.2
S32A	Newby Ranch, P	48.96 336	P	P	13 36 53.2 +0.3
R33A	Olander Ranch,	49.11 337	P	P	13 36 55.0 +0.9
121A	Cookes Peak, D	49.24 324	P	P	13 36 55.3 -0.1
Q34A	Chapman	49.26 339	P	P	13 36 55.9 +0.7
P35A	Duane Minner,	49.47 340	P	P	13 36 57.0 +0.2
R32A	Long Quarter,	49.49 337	P	P	13 36 57.8 +0.8
T29A	Hugoton	49.51 333	P	P	13 36 57.8 +0.6
S30A	Montezuma	49.55 335	P	P	13 36 58.2 +0.7
U27A	Thompson Grove	49.61 332	P	P	13 36 58.5 +0.4
R31A	Burdett	49.71 336	P	P	13 36 59.3 +0.6
P34A	Walnut Farm, R	49.77 339	P	P	13 36 59.5 +0.5
T28A	Walsh	49.85 333	P	P	13 37 00.3 +0.5
Q32A	Mettler Ranch,	49.93 337	P	P	13 37 00.8 +0.5
P33A	Williams Farm,	49.99 338	P	P	13 37 01.4 +0.7
R30A	Dighton	50.01 335	P	P	13 37 01.8 +0.8
T27A	Campo	50.08 332	P	P	13 37 02.3 +0.7
S28A	Mantler	50.13 333	P	P	13 37 02.5 +0.5
ANMO	Albuquerque	50.29 327	eP	P	13 37 03.6 +0.2
ANMO	Albuquerque	50.29 327	eP	P	13 37 03.5 +0.2
Q34A	Beatrice	50.29 339	P	P	13 37 04.1 +1.1
R29A	Marienthal	50.49 334	P	P	13 37 05.1 +0.4
Q33A	Hebron	50.51 339	P	P	13 37 05.7 +1.1
Q30A	Quinter	50.58 336	P	P	13 37 05.7 +0.5
T26A	Comanche Natio	50.58 331	P	P	13 37 06.0 +0.6
R28A	Tribune	50.72 334	P	P	13 37 07.1 +0.7
Q29A	Oakley	50.82 335	P	P	13 37 08.0 +0.9
S26A	Kim	50.88 332	P	P	13 37 08.1 +0.4
Q32A	Brockman Farm,	50.93 338	P	P	13 37 08.4 +0.5
T25A	Trinidad	50.94 331	P	P	13 37 08.4 +0.1
R27A	Eads	51.11 333	P	P	13 37 09.9 +0.6
R26A	Arlington	51.42 332	P	P	13 37 12.0 +0.3
214A	Organ Pipe Nat	51.93 320	P	P	13 37 15.5 0.0
SDCO	Great Sand Dun	51.95 330	P	P	13 37 15.7 -0.2
SDCO	Great Sand Dun	51.95 330	eP	P	13 37 16.3 +0.4
W18A	Petrified Fore	52.23 325	P	P	13 37 18.6 +0.7
S22A	4UR Ranch, Cre	52.62 329	P	P	13 37 20.8 0.0
Q24A	Divide	52.74 332	P	P	13 37 22.0 +0.3
ECSD	EROS Data Cent	53.44 342	P	P	13 37 26.1 -0.3
WUAZ	Wupatki	53.46 324	P	P	13 37 26.9 0.0
WUAZ	Wupatki	53.46 324	eP	P	13 37 26.9 0.0

ISCO	Idaho Springs	53.63 332	P	P	13 37 28.6 +0.4
ISCO	Idaho Springs	53.63 332	eP	P	13 37 27.7 -0.5
GLA	19mm, 1.8s	53.93 319	P	P	13 37 30.3 0.0
PV04	Paradox Valley	54.17 328	eP	P	13 37 32.1 0.0
K28A	Ten Mile Ranch	54.21 337	P	P	13 37 32.8 +0.6
H33A	Prehn Over Nor	54.34 342	P	P	13 37 34.1 +1.1
H32A	Carlson Farm,	54.40 341	P	P	13 37 34.0 +0.6
N23A	Red Feather La	54.65 332	P	P	13 37 35.8 +0.2
BC3	Big Chuckawall	54.72 320	P	P	13 37 36.0 -0.1
IRM	Iron Mountain	54.85 320	P	P	13 37 36.9 0.0
MONP	Monument Peak	54.87 318	P	P	13 37 37.4 +0.1
J27A	Elkhorn River,	54.92 337	P	P	13 37 38.0 +0.7
O20A	White River Ci	55.15 330	P	P	13 37 39.5 +0.3
O20A	White River Ci	55.15 330	eP	P	13 37 39.5 +0.3
BELO	Gett Mtn. Jos	55.29 320	P	P	13 37 40.2 -0.1
PFO	Pinyon Flat Ob	55.34 319	P	P	13 37 40.6 0.0
J26A	Sid R Ranch, S	55.39 336	P	P	13 37 41.2 +0.5
G30A	Faulkton	55.51 340	P	P	13 37 41.4 0.0
SRU	San Rafael	55.55 328	eP	P	13 37 41.1 -1.0
GMRC	Granite Mounta	55.57 321	P	P	13 37 42.6 +0.4
P18A	Preston Nutter	55.79 328	eP	P	13 37 43.8 -0.1
P17A	Butcher Ranch,	55.93 328	eP	P	13 37 44.5 +0.3
K23A	Bowen Ranch,	55.99 334	P	P	13 37 45.4 +0.2
HEC	Hector, Ludlow	56.02 320	P	P	13 37 45.5 0.0
TUQ	Turquoise Moun	56.15 321	P	P	13 37 46.3 -0.1
I25A	Rochford	56.24 336	P	P	13 37 47.1 +0.2
K22A	Casper	56.31 333	P	P	13 37 47.3 -0.1
K22A	Casper	56.31 333	eP	P	13 37 48.0 +0.6
SHPR	Sheep Range	56.38 322	eP	P	13 37 47.5 -0.5
RSSD	Black Hills	56.45 336	eP	P	13 37 48.5 +0.1
BFSC	Mount Baldy Ra	56.52 319	P	P	13 37 48.9 -0.1
GSC	Goldstone	56.62 320	P	P	13 37 49.6 -0.1
G27A	Dupree	56.70 338	P	P	13 37 50.8 +0.8
J20A	Midwest	56.90 334	P	P	13 37 51.4 -0.2
D32A	Buchanan	57.14 342	P	P	13 37 53.2 +0.2
F27A	Lemmon	57.15 339	P	P	13 37 53.5 +0.3
I22A	9 Mile Ranch,	57.28 334	P	P	13 37 54.1 -0.2
LRMC	Laurel Mountai	57.30 320	P	P	13 37 54.2 -0.3
TPNV	Topnash Spring	57.33 322	P	P	13 37 54.6 -0.2
D29A	Pettibone, Tap	57.36 341	P	P	13 37 55.2 +0.6
FURC	Furnace Creek,	57.40 321	P	P	13 37 55.3 +0.3
MPMC	Manual Prospec	57.53 321	P	P	13 37 56.1 -0.1
DUG	Dugway	57.56 327	eP	P	13 37 56.4 +0.1
DUG	Dugway	57.56 327	eP	P	13 37 56.3 0.0
I21A	Big Trails, Te	57.57 334	P	P	13 37 56.1 -0.2
BSC	Black Cruz Isl	57.68 317	P	P	13 37 57.0 -0.1
R11A	Troy Canyon, C	57.85 324	P	P	13 37 58.9 +0.5
R11A	Troy Canyon, C	57.85 324	eP	P	13 37 59.2 +0.8
ISA	Isabella	57.91 320	P	P	13 37 58.9 -0.1
HWUT	Hardware Ranch	57.92 329	eP	P	13 37 58.4 -0.5
J19A	Crowheart	57.94 332	P	P	13 37 59.2 +0.2
I20A	Worland	58.05 333	P	P	13 37 59.7 +0.1
B30A	Myrvik Farm, E	58.21 343	P	P	13 38 01.1 +0.6
H20A	Greybull	58.41 334	P	P	13 38 02.0 -0.2
I19A	Meteorsete	58.51 333	P	P	13 38 02.5 -0.4
B29A	Wagenman Farm,	58.53 342	P	P	13 38 02.7 0.0
R25A	Fossil	58.71 339	P	P	13 38 04.2 +0.1
DKT	Rikitea	58.85 247	eS	S	13 46 12.1 +3.0
RKT	138nm, 35.2s		eLQ	LQ	13 53 01.6
RKT	135nm, 29.5s		eLR	LR	13 55 29.7
REDW	Red Top Meadow	58.87 331	eP	P	13 38 06.2 +0.7
A29A	Manning Farm,	58.90 342	P	P	13 38 06.1 +0.8
FXWY	Fox Creek	59.16 331	eP	P	13 38 07.9 +0.4
IMW	Indian Meadow	59.31 331	eP	P	13 38 08.8 +0.2
RLMT	Red Lodge	59.48 333	P	P	13 38 09.3 -0.3
NVAR	Nine Array Bea	59.53 322	P	P	13 38 09.4 -0.8
BMN	Battle Mountai	60.18 325	P	P	13 38 14.8 +0.3
WAKR	Walker	60.27 322	eP	P	13 38 14.5 -0.8
HLID	Hailey	60.79 329	P	P	13 38 18.5 -0.1
HLID	Hailey	60.79 329	eP	P	13 38 18.5 -0.1
MCMT	McKenzie Canyo	60.92 331	eP	P	13 38 19.0 -0.6
DLMT	Dillon	61.19 331	eP	P	13 38 20.7 -0.6
MFID	Camas Ranch	61.42 328	eP	P	13 38 21.8 -1.1
SCHO	Schefferville	61.71 6	P	P	13 38 26.3 +1.9
SCHO	283nm, 27.0s, baz=83		eLR	LR	14 06 57.5
EGMT	Eggleston	61.95 335	P	P	13 38 26.3 +0.1
O03D	Paynes Creek	62.81 322	P	P	13 38 31.4 -0.8
MOD	Modoc	62.91 324	eP	P	13 38 33.1 +0.2
MSO	Missoula	62.91 332	P	P	13 38 32.8 +0.1
MSO	Missoula	62.91 332	eP	P	13 38 33.0 +0.3
JTMT	Jett	63.73 332	eP	P	13 38 37.7 -0.5
M04C	Macdoel	63.73 323	P	P	13 38 37.8 -0.6
K05A	Summer Lake	63.76 325	eP	P	13 38 37.8 -0.8
I07A	Izez	63.84 327	eP	P	13 38 38.7 -0.3
YBH	Yreka Blue Hor	64.22 323	P	P	13 38 39.9 -1.6
J05D	Fort Rock, OR	64.31 325	P	P	13 38 42.1 0.0
G08A	Pilot Rock	64.34 328	eP	P	13 38 42.5 +0.3
J04D	Umquana Natioa	64.78 324	P	P	13 38 45.2 0.0

L02D	Cave Junction,	65.01 323	P	P	13 38 46.4 -0.1
I05D	Terrebonne, OR	65.03 326	P	P	13 38 46.8 +0.2
I04A	Tendick Farm,	65.29 325	P	P	13 38 48.5 +0.1
NEW	Newport	65.44 331	P	P	13 38 49.5 +0.3
NEW	Newport	65.44 331	eP	P	13 38 48.9 -0.4
D05A	Enumclaw	67.17 328	eP	P	13 38 59.4 -0.9
EDM	Edmonton	67.42 337	eP	P	13 39 00.7 -1.1
A04D	Lummi Island	68.52 329	P	P	13 39 08.9 +0.2
TIC	Toumoudi	72.12 81	eP	P	13 39 33.0 +1.4
DBIC	Dimbokro	72.29 81	P	P	13 39 34.1 +1.6
DBIC	11nm, 0.6s, baz=244, slow=6.6, SNR=16		LR	LR	14 09 40.8
PPT2	Papeete2	72.32 254	eS	S	13 48 57.5 +3.4
PPT2	Papeete2	72.32 254	eLR	LR	14 01 45.9
PPT	Papeete	72.32 254	LR	LR	14 02 59.0
KIC	Koson Boka	72.35 81	eP	P	13 39 33.9 +1.0
YKA	Yellowknife Ar	74.95 343	P	P	13 39 46.9 -0.2
TOA1	Torodi Ar. Bea	79.69 75	eP	P	13 40 15.0 +0.3
TORD	Torodi Ar. Bea	79.70 75	P	P	13 40 15.6 +0.9
TORD	3.5nm, 0				

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SFTF, PAGF, MEZF, LFF, STHS.

JMA 02 17:18:24.6:0.3, 43.95N:147.97E, h0km, M3.5
SKHL 02 17:18:25.8:0.7, 44.30N:148.15E, h40km, mb4.0/4
ISC 02 17:18:24.8:4.4, 22N:0.1:147.9E:0.2, h4km, 20km, n12, c1505/18, Kuril Islands

Main table for Kuril Islands region with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like SHO, KUR, YUK, NEM2, JRA, JNK, JAK, JAR, JCH, YSS, JKB, JKT, JOH.

NEIC 02 17:23:26.4, 32.16N:115.22W, h7km, ML3.1 (PAS), ML3.2(2CX), After ECKX
ECX 02 17:23:26.3:0.5, 32.16N:115.22W, h7km, MD3.2, ML3.4, 5C-10D, California-Baja California border region

Main table for California-Baja California border region with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MBIG, CPBX, RDX, YMD, ECBX, COA, WESC, YUH, COX, RMX, IBP, GLA, GLA, ZAX, SPIG, SPX, MONP, ECNX, EBF, PBX, BC3, Y10C, PFO, IFO, 214A, 214A, LDFC, GSC, WUAZ.

GUC 02 17:32:46.4:0.4, 23.34S:67.17W, h225km, ML3.5, 3C-1D, Chile-Argentina border region

Table for Chile-Argentina border region with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like PB06, PB06, PB06.

Table for IPOC Station P with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like PB09, CEN1, PB04, PB07, PB01.

MAN 02 17:35:24, 5:57N:127:36E, h147km, mb5.0, ML3.9, MS4.0
IDC 02 17:35:25.6:1.7, 5:49N:127:31E, h17km, 15km, mb3.5/7, mb1.3/7.9, mb1mx3.4/33, mbtmp4.0/9, Error ellipse: s-maj=38.9km s-min=11.4km az=61.0

ISCJB 02 17:35:26.0:0.6, 5:47N:127:14E:0.07, h36km, 7km, mb3.7/7, Error ellipse: s-maj=12.3km s-min=5.6km az=166.5
DJA 02 17:35:32.7:0.9, 5:18N:127:17E, h127km, 10km, M4.4/9, mb4.3/9, mb4.8/3, MLV4.5/9, Mw(mb)4.1/3
ISC 02 17:35:25.9:0.9, 5:45N:127:22E:0.08, h121km, 10km, n27, c1546/34, mb3.6/7, 1C-2D, Philippine Islands region

Main table for Philippine Islands region with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MATI, DAV, DAV, GSPH, DMPH, DMPH, SGSI, BUKP, CTBH, BUTP, CGP, PAGZ, TMTI, KMSI, LBMI, GTOI, MRSI, MRSI, SWI, SIJI, SIJI, SANI, LUWI, APSI, FITZ, WRA, ASAR, ASAR, CMAR, STKA, MKAR, ILAR.

KRSC 02 17:56:00.6:1.1, 55:39N:166:61E, h36km, 5km, ML3.6, Komandorsky Islands region

Table for Komandorsky Islands region with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like BKI, BKI, KBTR, MKZ, MKZ, SDLR, KRLR, UGLR, AVH, KRX, KOK, PET, GNL, RUS.

KRSC 02 18:12:12.2:1.6, 55:28N:166:65E, h37km, 6km, ML3.7, Komandorsky Islands region

Table for Komandorsky Islands region with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like BKI, BKI, KBTR, MKZ, KZV, TURM, SPN, NLC, SDLR, KRLR, UGLR, AVH, KRX, KOK, PET, GNL, RUS.

CSEM 02 18:21:03.8, 12:03N:43:48E, h9km, ML3.8
DHMR 02 18:21:03.8:1.8, 12:03N:43:48E, h10km, 14km, ML3.8, 5C, Western Arabian Peninsula

Main table for Western Arabian Peninsula with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like TRBA, TRBA, TRBA, ADEN, ADEN, ADEN, UDYV, UDYV, UDYV, UDYV.

Table for Dharmar BB with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like LBOS, LBOS, DHBB, DHBA, BDHA.

ISCJB 02 18:22:19.5:0.4, 37:13N:107:135:28E:0.07, h364km, 5km, mb3.1/6, Error ellipse: s-maj=11.4km s-min=7.3km az=149.7
IDC 02 18:22:20.3:0.8, 37:14N:107:135:27E, h356km, 9km, mb2.9/6, mb1.3/1.0, mb1mx2.9/30, mbtmp3.5/10, Error ellipse: s-maj=17.5km s-min=15.8km az=112.0

JMA 02 18:22:20.0:0.1, 37:12N:107:135:25E, h360km, 2km, M2.8
ISC 02 18:22:20.3:0.8, 37:13N:107:135:29E:0.07, h356km, 8km, n29, c156/35, mb3.0/6, Sea of Japan

Main table for Sea of Japan region with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like JHG, JHY, JKY, JKM, SAI, JWT, JMT, MJAR, JSD, JSH, JWY, JWE, JHK, JRT, JGY, JWD, JTO, JMK, BSO, JNU, KRSR, ASAJ, SONM, ILAR, WRA, ASAR, TXAR.

IDC 02 18:52:10.6:29.0, 28:22S:74:82E, h0km, mb3.5/3, mb1.3/8.3, mb1mx3.4/24, mbtmp3.5/4, Error ellipse: s-maj=689.4km s-min=49.5km az=64.0, Mid-Indian Ridge

Table for Mid-Indian Ridge region with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like H08S2, H08S1, CMAR, ASAR, WRA.

IDC 02 18:54:58.0:6.8, 28:79S:73:97E, h0km, mb3.7/4, mb1.3/9.4, mb1mx3.5/37, mbtmp3.7/4, MS3.2/3, Ms1 3.2/3, s-min=39.3km az=56.0, Mid-Indian Ridge

Main table for Mid-Indian Ridge region with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like H08S2, H08S1, CMAR, ASAR, WRA, GQSA, SONM.

IDC 02 19:06:40.8:7.3, 30:98S:178:99W, h0km, mb3.4/2, mb1.3/7.2, mb1mx3.5/29, mbtmp3.4/2, Error ellipse: s-maj=305.2km s-min=59.0km az=157.0, Kermadec Islands

Table for Kermadec Islands region with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ASAR, WRA, FINES.

THE 02 19:08:26.9, 35:49N:22:24E, h49km, 9km, ML2.8/3, Error ellipse: s-maj=10.2km s-min=1.2km az=47.0
ATH 02 19:08:28.8, 35:60N:22:51E, h43km, 1km, MD3.6/24
CSEM 02 19:08:28.3:0.3, 35:60N:22:36E, h30km, MD3.6, Error ellipse: s-maj=8.8km s-min=3.0km az=40.0
ISC 02 19:08:29.1:1.8, 35:62N:0:06:22:37E:0.05, h34km, 3km, n125, c1097/2141, Central Mediterranean Sea

Main table for Central Mediterranean Sea region with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ANKY, ANKY, ANKY, KYTH, KYTH, KYTH, VLI, VLI, VLI, IMMV.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like MRSI Marisa, LBMI Labuha, TMTI Ternate, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, h, m, s, ISC. Includes stations like ASAR Alice Springs, ILAR Eielson Array, etc.

KOLS	Kolonické sedl	118.81 323	ePKIKP	PKPdf	02 47 54.1 -0.2
KOLS	Kolonické sedl	118.81 323	ePKP	PKPdf	02 47 54.1 -0.2
SFIN	Schorer Farm	118.86 47	P	PKPdf	02 47 54.0 -0.6
STHS	Stebnicka Huta	119.19 324	iPKIKP	PKPdf	02 47 54.6 -0.5
STHS	Stebnicka Huta	119.19 324	ePKP	PKPdf	02 47 54.6 -0.5
LOT	Lotru	119.33 319	l/P	PKPdf	02 47 54.8 -0.8
ALN	Alexandroupoli	119.39 314	eP	PKPdf	02 47 53.7 -1.9
DRGR		119.46 321	l/P	PKPpre	02 47 53.7 -1.9
OJC	Ojcow	119.64 326	ePKP	PKPdf	02 47 55.5 -0.4
OJC	Ojcow	119.64 326	ePKIKP	PKPdf	02 47 55.5 -0.4
ANKY	Bloomington	119.65 48	ePKIKP	PKPdf	02 47 55.8 -0.4
BLO	Bloomington	119.65 48	ePKPdf	PKPdf	02 47 55.8 -0.4
NIE	Niedzica	119.74 325	ePKP	PKPdf	02 47 56.0 -0.1
NIE	Niedzica	119.74 325	ePKIKP	PKPdf	02 47 56.0 -0.1
SMG	Samos	119.77 310	eP	PKPdf	02 47 55.3 -1.2
SMTH	Samothraki Isl	119.90 313	eP	PKPdf	02 47 54.0 -2.7
GZR	Gura Zlata	119.99 320	l/PKIKP	PKPdf	02 47 56.0 -0.1
GZR	Gura Zlata	119.99 320	l/P	PKPdf	02 47 56.0 -0.1
KECS	Keocovo	120.07 324	ePKIKP	PKPdf	02 47 56.6 -0.1
KECS	Keocovo	120.07 324	ePKP	PKPdf	02 47 56.6 -0.1
WCI	Wyandotte Cave	120.10 49	ePKIKP	PKPdf	02 47 56.1 -1.1
WCI	Wyandotte Cave	120.10 49	ePKPdf	PKPdf	02 47 56.1 -1.1
KARP	Karpathos	120.10 308	eP	PKPdf	02 47 56.2 -1.0
MPEP	Malo Peshtene	120.15 317	eP	PKPdf	02 47 56.3 -0.8
LIA	Limnos Island	120.34 313	eP	PKPdf	02 47 56.3 -1.2
LANS	Lipovtska Anna	120.34 325	ePKIKP	PKPdf	02 47 57.6 +0.3
LANS	Lipovtska Anna	120.34 325	ePKP	PKPdf	02 47 57.6 +0.3
BZS	Buzias	120.64 320	l/PKIKP	PKPdf	02 47 57.3 -0.6
BZS	Buzias	120.64 320	l/P	PKPdf	02 47 57.3 -0.6
AAM	Ann Arbor	120.66 44	ePKIKP	PKPdf	02 47 57.3 -0.8
AAM	Ann Arbor	120.66 44	ePKPdf	PKPdf	02 47 57.3 -0.8
OKC	Ostrava-Krasne	120.75 326	ePKIKP	PKPdf	02 47 57.8 -0.2
OKC	Ostrava-Krasne	120.75 326	eSP	PKPdf	02 59 19.2 +7.5
OKC	Ostrava-Krasne	120.75 326	ePKPdf	PKPdf	02 47 57.8 -0.2
OKC	Ostrava-Krasne	120.75 326	ePS	PKPdf	02 59 19.2 +0.8
OKC	Ostrava-Krasne	120.75 326	eAMS	PKPdf	03 39 30.0
comp-Z,800nm,21.0s					
NVR	Neurokopi	120.79 315	eP	PKPdf	02 47 56.8 -1.6
NVR	Neurokopi	120.79 315	P	PKPdf	02 47 56.8 -1.6
NVR	Neurokopi	120.79 315	P	PKPdf	02 47 56.8 -1.6
NVR	Neurokopi	120.79 315	eP	PKPdf	02 47 56.8 -1.6
MMB	Musomiste	120.85 310	eP	PKPdf	02 47 56.6 -1.6
APH	Apeiranthos	120.95 310	eP	PKPdf	02 47 56.5 -2.3
VYHE	Vyhne	121.03 324	ePKIKP	PKPdf	02 47 57.7 -0.9
VYHS	Vyhne	121.03 324	ePKP	PKPdf	02 47 57.7 -0.9
SANT	Santorini	121.21 309	eP	PKPdf	02 47 57.2 -2.1
KSP	Ksiaz	121.24 328	ePKP	PKPdf	02 47 58.6 +0.3
KSP	Ksiaz	121.24 328	ePKIKP	PKPdf	02 47 58.6 +0.3
KRLC	Kraliky	121.38 327	ePKIKP	PKPdf	02 47 59.1 -0.2
KRLC	Kraliky	121.38 327	eP	PKPdf	02 48 09.2
KRLC	Kraliky	121.38 327	ePKPdf	PKPdf	02 47 59.1 -0.2
KRLC	Kraliky	121.38 327	x	PKPdf	02 48 09.2
NPS	Neapolis	121.40 308	eP	PKPdf	02 47 59.1 -0.6
DPC	Dobruska-Polom	121.49 327	ePKIKP	PKPdf	02 47 58.9 -0.6
DPC	Dobruska-Polom	121.49 327	eSP	PKPdf	02 59 25.0 +6.8
DPC	Dobruska-Polom	121.49 327	eMLR	PKPdf	02 47 58.9 -0.6
DPC	Dobruska-Polom	121.49 327	ePKPdf	PKPdf	02 59 25.0 +0.0
DPC	Dobruska-Polom	121.49 327	ePS	PKPdf	02 59 25.0 +0.0
DPC	Dobruska-Polom	121.49 327	eAMS	PKPdf	03 41 20.0
comp-Z,800nm,21.7s					
LAST	Last	121.53 308	eP	PKPdf	02 47 58.6 -1.5
KNT	Kendrikon	121.54 315	eP	PKPdf	02 47 58.0 -1.8
UPC	Udice	121.57 327	ePKIKP	PKPdf	02 47 59.4 -0.2
UPC	Udice	121.57 327	ePKPdf	PKPdf	02 47 59.4 -0.2
HORT	Horiaties	121.60 314	eP	PKPdf	02 47 57.7 -2.3
RUF	Ruedersdorf	121.60 330	ePKPdf	PKPdf	02 47 59.0 -0.5
SEIN	Senios	121.72 310	eP	PKPdf	02 47 57.9 -2.4
VRAC	Vranov	121.89 326	l/PKIKP	PKPdf	02 48 00.4 +0.2
VRAC	Vranov	121.89 326	l/P	PKPdf	02 48 00.4 +0.2
MRKA	Markates	121.90 312	eP	PKPpre	02 47 52.8
PTL	Penteli	121.91 311	eP	PKPdf	02 47 58.9 -1.7
IDI	Anoyia	121.91 311	eP	PKPdf	02 47 59.2 -1.7
NEOH	Neochori	121.96 313	eP	PKPdf	02 47 59.3 -1.4
XOR	Xorichiti	121.96 313	eP	PKPdf	02 47 59.3 -1.4
SIVAS	Sivas	122.10 308	eP	PKPdf	02 48 00.2 -0.8
LIT	Litokhoron	122.21 314	eP	PKPdf	02 47 59.2 -2.0
PVCC	Panska Ves	122.33 328	ePKIKP	PKPdf	02 48 00.9 -0.1
PVCC	Panska Ves	122.33 328	eMLR	PKPdf	02 48 00.9 -0.1
PVCC	Panska Ves	122.33 328	ePKPdf	PKPdf	02 48 00.9 -0.1
PVCC	Panska Ves	122.33 328	eAMS	PKPdf	03 41 10.0
comp-Z,900nm,19.4s					
DIVS	Divisare	122.33 319	l/P	PKPdf	02 48 00.5 -0.9
BSEG	Bad Segeberg	122.34 333	ePKPdf	PKPdf	02 48 00.6 -0.3
LKR	Lokris	122.35 312	eP	PKPdf	02 47 59.7 -1.7
BRG	Berggiesshubel	122.46 329	iPKP	PKPdf	02 48 00.7 -0.5
BRG	Berggiesshubel	122.46 329	e	PKPdf	02 48 11.9
comp-Z,6.9nm,0.8s					
BRG	Berggiesshubel	122.46 329	iPKIKP	PKPdf	02 48 00.7 -0.5
BRG	Berggiesshubel	122.46 329	e	PKPdf	02 48 11.9
BRG	Berggiesshubel	122.46 329	ePKIKP	PKPdf	02 48 00.7 -0.5
BRG	Berggiesshubel	122.46 329	ePKP	PKPdf	02 48 00.7 -0.5
BRG	Berggiesshubel	122.46 329	ePKPdf	PKPdf	02 48 00.7 -0.5
BRG	Berggiesshubel	122.46 329	eAMS	PKPdf	03 41 10.0
comp-Z,20nm,0.9s					
BRG	Berggiesshubel	122.46 329	iPKIKP	PKPdf	02 48 00.7 -0.5
BRG	Berggiesshubel	122.46 329	e	PKPdf	02 48 11.9
BRG	Berggiesshubel	122.46 329	ePKIKP	PKPdf	02 48 00.7 -0.5
BRG	Berggiesshubel	122.46 329	ePKP	PKPdf	02 48 00.7 -0.5
BRG	Berggiesshubel	122.46 329	ePKPdf	PKPdf	02 48 00.7 -0.5
BRG	Berggiesshubel	122.46 329	eAMS	PKPdf	03 41 10.0
comp-E,607nm,22.2s					
BRG	Berggiesshubel	122.46 329	iPKIKP	PKPdf	02 48 00.7 -0.5
BRG	Berggiesshubel	122.46 329	e	PKPdf	02 48 11.9
BRG	Berggiesshubel	122.46 329	ePKIKP	PKPdf	02 48 00.7 -0.5
BRG	Berggiesshubel	122.46 329	ePKP	PKPdf	02 48 00.7 -0.5
BRG	Berggiesshubel	122.46 329	ePKPdf	PKPdf	02 48 00.7 -0.5
BRG	Berggiesshubel	122.46 329	eAMS	PKPdf	03 41 10.0
comp-Z,300nm,19.3s					
PRU	Pruhonice	122.64 327	ePKPdf	PKPdf	02 48 01.2 -0.4
PRU	Pruhonice	122.64 327	eX	PKPdf	02 48 08.6
PRU	Pruhonice	122.64 327	eSP	PKPdf	02 59 27.7 -0.7
PRU	Pruhonice	122.64 327	eAMS	PKPdf	03 42 30.0
comp-Z,300nm,19.3s					
KZJ	Kozanj	122.65 314	eP	PKPdf	02 48 00.9 -1.2
PRA	Prague	122.66 328	eAMS	PKPdf	03 41 10.0
KRND	Kranidit	122.66 311	eP	PKPdf	02 48 00.0 -2.0
CLL	Collim	122.68 329	l/PKIKP	PKPdf	02 48 01.2 -0.5
CLL	Collim	122.68 329	e	PKPdf	02 48 11.9
comp-Z,17nm,0.8s					
CLL	Collim	122.68 329	eMLR	PKPdf	02 48 00.8 -0.9
CLL	Collim	122.68 329	ePKPdf	PKPdf	02 48 00.8 -0.9
CLL	Collim	122.68 329	ePKP	PKPdf	02 48 00.8 -0.9
CLL	Collim	122.68 329	eAMS	PKPdf	03 43 00.0
comp-N,600nm,21.6s					
CLL	Collim	122.68 329	eMLR	PKPdf	02 48 00.8 -0.9
CLL	Collim	122.68 329	ePKPdf	PKPdf	02 48 00.8 -0.9
CLL	Collim	122.68 329	ePKP	PKPdf	02 48 00.8 -0.9
CLL	Collim	122.68 329	eAMS	PKPdf	03 43 00.0
comp-E,500nm,21.8s					
CLL	Collim	122.68 329	eMLR	PKPdf	02 48 00.8 -0.9
CLL	Collim	122.68 329	ePKPdf	PKPdf	02 48 00.8 -0.9
CLL	Collim	122.68 329	ePKP	PKPdf	02 48 00.8 -0.9
CLL	Collim	122.68 329	eAMS	PKPdf	03 43 00.0
comp-Z,1.7um,21.4s					
CLL	Collim	122.68 329	eMLR	PKPdf	02 48 00.8 -0.9
CLL	Collim	122.68 329	ePKPdf	PKPdf	02 48 00.8 -0.9
CLL	Collim	122.68 329	ePKP	PKPdf	02 48 00.8 -0.9
CLL	Collim	122.68 329	eAMS	PKPdf	03 43 00.0
comp-Z,4.0nm,0.9s					
AGG	Agios Georgios	122.71 319	iPKP	PKPdf	02 48 00.6 -1.6
GVD	Gavdos	122.72 308	eP	PKPdf	02 48 01.3 -0.4
FBE	Freiberg	122.73 329	ePKPdf	PKPdf	02 48 01.4 -0.9

THL	Klokotos Trika	122.75 314	eP	PKPdf	02 48 00.2 -1.9
FNA	Florida	122.75 315	ePKIKP	PKPdf	02 48 00.6 -1.6
FNA	Florida	122.75 315	eP	PKPdf	02 48 00.5 -1.6
FNA	Florida	122.75 315	P	PKPdf	02 48 00.6 -1.6
FNA	Florida	122.75 315	P	PKPdf	02 48 00.6 -1.6
DSF	Desfina	122.78 312	eP	PKPdf	02 48 00.8 -1.5
MAKR	Makrakomi, Fth	122.86 313	eP	PKPdf	02 48 01.5 -0.9
MAKR	Makrakomi, Fth	122.86 313	P	PKPdf	02 48 01.6 -0.9
ANKY	Antikythira Is	123.02 309	eP	PKPdf	02 48 02.2 -0.6
CONA	CONA Observa	123.03 325	l/PKIKP	PKPdf	02 48 01.8 -0.7
comp-Z,10nm,0.8s,SNR=7.0					
VLI	Velia	123.03 310	eP	PKPdf	02 48 01.6 -1.2
PHP	Peshkopia	123.04 316	ePKIKP	PKPdf	02 48 01.5 -1.2
PHP	Peshkopia	123.04 316	P	PKPdf	02 48 01.5 -1.2
PHP	Peshkopia	123.04 316	P	PKPdf	02 48 01.5 -1.2
KALE	Kalithea	123.07 312	P	PKPdf	02 48 01.8 -1.1
GUR	Goura	123.08 312	eP	PKPdf	02 48 01.7 -1.3
GUR	Goura	123.08 312	P	PKPdf	02 48 01.5 -1.5
GUR	Goura	123.08 312	P	PKPdf	02 48 01.5 -1.5
KYTH	Kithira	123.10 310	eP	PKPdf	02 48 02.0 -1.0
NEST	Nestorio	123.12 315	eP	PKPdf	02 48 01.5 -1.5
KVR	Kyryntia	123.13 313	eP	PKPdf	02 48 01.9 -1.2
ELV	Elavryta, Ach	123.19 312	eP	PKPdf	02 48 02.0 -1.2
KLV	Kalavryta, Ach	123.19 312	eP	PKPdf	02 48 01.9 -1.2
KLV	Kalavryta, Ach	123.19 312	P	PKPdf	02 48 01.9 -1.2
EFB	Efthalia	123.21 319	ePKPdf	PKPdf	02 48 03.0 -0.1
VLX	Volocherosia	123.24 311	eP	PKPdf	02 48 02.5 -0.8
LAKA	Lakka	123.24 312	eP	PKPdf	02 48 02.9 -0.3
SCHO	Schefferville	123.27 24	PKP	PKPdf	02 48 02.3 -0.4
comp-Z,5.9nm,0.8s,baz=194,slow=5.5,SNR=6.0					
NEUB	Neuburg	123.36 320	ePKPdf	PKPdf	02 48 02.3 -0.7
TANN	Tannenberghsta	123.49 329	ePKIKP	PKPdf	02 48 02.6 -0.7
DRO	Drossia	123.54 312	eP	PKPdf	02 48 03.3 -0.5
JAN	Janina	123.55 314	eP	PKPdf	02 48 03.4 -0.3
WERD	Werda	123.55 329	ePKPdf	PKPdf	02 48 02.7 -0.7
KOC	Koc	123.57 313	eP	PKPdf	02 48 02.2 -1.3
DSL	Diala Diesel	123.57 313	eP	PKPdf	02 48 03.1 -0.7
ARSA	Arzberg	123.58 324	l/PKIKP	PKPdf	02 48 02.6 -0.9
comp-Z,6.8nm,1.0s					
GUNZ	Gunzen	123.59 329	ePKPdf	PKPdf	02 48 03.0 -0.5
NOJ	Noj	123.61 329	ePKIKP	PKPdf	02 48 03.3 -0.2
NKC	Novy Kostel	123.61 329	ePKIKP	PKPdf	02 48 03.3 -0.2
NKC	Novy Kostel	123.61 329	eMLR	PKPdf	02 48 03.3 -0.2
NKC	Novy Kostel	123.61 329	ePKPdf	PKPdf	02 48 03.3 -0.2
NKC	Novy Kostel	123.61 329	eAMS	PKPdf	03 42 10.0
comp-Z,700nm,20.8s					
W					

2010 SEP

Table with columns: 3d 2h, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error, Azimuth Rate Error, Elevation Rate Error. Includes stations like NIKH, PLK1, KJL, ANCK, KEA, KABR, OHAQ, KAKN, KAHC, KDAC, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error, Azimuth Rate Error, Elevation Rate Error. Includes stations like IRM, K20A, O20A, BC3, H25A, J24A, A29A, G26A, PDMCI, GLA, N23A, B30A, K25A, WUAZ, WUAZ, K26A, ULM, C31A, ISCO, S22A, AGMM, 214A, O26A, P26A, H112, H113, H111, F33A, R26A, KSCO, T25A, R27A, S26A, ANMO, Q28A, H115, H115, H115, ECSD, T26A, R28A, EYMM, Q29A, 121A, U27A, R30A, R31A, U29A, S31A, U30A, MSTX, V30A, AMTX, Z28A, Y29A, 128A, Z29A, R36A, Z30A, 130A, W34A, S37A, 131A, 330A, TXAR, TXAR, ABTX, V36A, 429A, 231A, Y34A, 529A, 430A, 133A, 331A, Z34A, 232A, HDIL, 530A, W37A, 431A, 332A, 233A, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error, Azimuth Rate Error, Elevation Rate Error. Includes stations like 432A, X37A, 531A, 333A, JCT, JCT, Z36A, 532A, KRSR, 433A, KSAR, 631A, 334A, 434A, 632A, 336A, 534A, 732A, 832A, 833A, 734A, 635A, 636A, 933A, 934A, 034A, HHC, HHC, HHC, HHC, HHC, ARCES, ARCES, NJ2, NJ2, FINES, BRVK, ARU, NB2, NOA, NAO01, MKAR, WMQ, WMQ, CD2, CD2, CD2, CD2, CD2, CD2, CD2, CD2, GYA, GYA, HNR, ABKAR, KMI, KMI, KMI, KSH, AKAS, KIEV, GERES, CMAR, GEYT, ESCD, BRTR, ATAH, TSUM, etc.

IDC 03 02:38:18.5:0.16, 0.9:885x174:43W, h0km, mb4.4/17, m1 4.5/19, mb1mx4.4/27, mbtmp4.4/19, ML4.7/2, MS3.9/2, Ms1 3.9/2, ms1mx3.1/42, Error ellipse: s-maj=23.2km s-min=13.7km az=138.0

3d 4h

Table of satellite data for stations 3d and 4h, including columns for station name, coordinates, and various parameters like SNR and elevation.

2010 SEP

Table of satellite data for stations in 2010 SEP, including columns for station name, coordinates, and various parameters like SNR and elevation.

72

Table of satellite data for stations in 72, including columns for station name, coordinates, and various parameters like SNR and elevation.

Table with header 'GUC 03 04:08:45.3.0.6.36:29S-73:59W, h40km,3km, ML4.1, Near coast of central Chile' and columns for Code, Station Name, Azimuth, Phase ID, Time, and Residual.

P17A	Butcher Ranch, Buchanan	62.31	61	eP	P	04 22 56.4 +1.9
D30A	baz=62	62.38	47	P	P	04 22 55.1 +0.5
F28A	McLaughlin	62.42	50	P	P	04 22 55.5 +0.6
BFC8	Mount Baldy Ra	62.42	69	P	P	04 22 56.4 +1.2
I25A	Rockford	62.43	53	P	P	04 22 56.0 +0.8
H26A	Fairpoint	62.44	52	P	P	04 22 55.4 +0.4
FMP	Fort Macarthur	62.45	70	P	P	04 22 56.5 +1.3
P18A	Preston Nutter	62.46	60	eP	P	04 22 57.4 +1.8
K23A	Bowen Ranch, D	62.47	55	P	P	04 22 56.0 +0.6
J24	Dixon Ranch, L	62.50	54	P	P	04 22 56.4 +0.8
TUQ	Turquoise Moun	62.51	67	P	P	04 22 57.2 +1.4
SRU	San Rafael	62.70	61	eP	P	04 22 58.5 +1.5
SRU	comp=Z,7.0nm,0.6s					
SRU	San Rafael	62.70	61	eP	P	04 22 58.5 +1.5
AGMN	Agassiz Nation	62.71	45	P	P	04 22 56.5 -0.2
HEC	Hector,Ludlow	62.73	68	P	P	04 22 58.3 +1.1
H27A	Hoves	62.75	51	P	P	04 22 57.6 +0.6
E30A	Juc	62.77	48	P	P	04 22 57.6 +0.4
HNR	Honiara	62.78	173	eP	P	04 22 58.8 +1.3
HNR	Honiara	62.78	173	eP	P	04 22 58.8 +1.3
BBRC	Big Bear Solar	62.82	69	P	P	04 22 59.1 +1.1
F29A	Eureka	62.87	49	P	P	04 22 58.2 +0.4
J25A	Sunshine Ranch	62.87	53	P	P	04 22 58.2 +0.3
G28A	Parade	62.95	50	P	P	04 22 58.9 +0.5
O20A	White River Ci	63.11	58	P	P	04 23 00.7 +1.0
O20A	White River Ci	63.11	58	eP	P	04 23 00.7 +1.0
D32A	Dogwood Acres,	63.12	46	P	P	04 22 59.5 +0.2
GMRC	Granite Mounta	63.13	67	P	P	04 23 00.8 +1.0
MURC	Murrieta	63.15	69	P	P	04 23 00.9 +1.0
E31A	Nome	63.18	47	P	P	04 23 00.1 +0.3
I27A	Quinn	63.19	52	P	P	04 23 00.8 +0.9
H28A	Mission Ridge	63.21	51	P	P	04 23 00.9 +0.9
LDFC	Landfair	63.22	67	eP	P	04 23 01.6 +1.3
J26A	Sides Ranch, S	63.28	53	P	P	04 23 01.3 +0.7
G29A	Hoven	63.32	50	P	P	04 23 01.2 +0.5
BELC	Belle Mtn. Jos	63.52	68	P	P	04 23 03.0 +0.6
PFO	Pinyon Flat Ob	63.56	69	P	P	04 23 03.3 +0.7
D33A	AnnSam, Waubun	63.62	46	P	P	04 23 02.5 -0.1
H29A	Onida	63.62	50	P	P	04 23 02.8 +0.2
I28A	Midland	63.66	51	P	P	04 23 03.3 +0.4
N23A	Red Feather La	63.70	56	P	P	04 23 04.3 +0.8
G30A	Faulkon	63.72	49	P	P	04 23 03.3 +0.1
GEYT	Alibeck	63.80	299	P	P	04 23 04.3 +0.4
J27A	Elkhorn Farm,	63.83	52	P	P	04 23 04.8 +0.7
IRM	Iron Mountain	63.88	67	P	P	04 23 06.0 +1.5
I29A	Vivian Onida	64.04	51	P	P	04 23 05.7 +0.3
E33A	Westby DABS, E	64.05	46	P	P	04 23 05.8 +0.5
J28A	Allard Ranch,	64.06	52	P	P	04 23 06.4 +0.8
PV04	Paradox Valley	64.07	60	eP	P	04 23 07.4 +1.5
BC3	Big Chuckawall	64.08	68	P	P	04 23 06.9 +1.0
K27A	Flueckinger Fa	64.14	53	P	P	04 23 08.0 +1.9
L26A	Underwood Farm	64.24	54	P	P	04 23 07.9 +1.1
PDMCI	Parker Dam,Lak	64.33	67	P	P	04 23 08.5 +1.2
PV01	Paradox Valley	64.44	60	eP	P	04 23 08.9 +0.6
SMCO	Snowmass	64.48	58	eP	P	04 23 09.5 +0.8
J29A	Okreek	64.50	51	P	P	04 23 08.8 +0.5
H31A	Wolsey	64.52	49	P	P	04 23 08.9 +0.5
I30A	Oacoma	64.53	50	P	P	04 23 09.0 +0.5
K28A	Ten Mile Ranch	64.55	52	P	P	04 23 09.4 +0.7
KULM	Kulim	64.58	242	eP	P	04 23 09.3 +0.2
ISCO	Idaho Springs	64.69	57	eP	P	04 23 11.6 +1.6
ISCO	comp=Z,7.0nm,1.1s					
ISCO	Idaho Springs	64.69	57	eP	P	04 23 10.9 +0.9
ISCO	Idaho Springs	64.69	57	eP	P	04 23 11.6 +1.6
EYMN	Ely	64.80	43	P	P	04 23 09.8 -0.3
GLA	Glamis	64.88	68	P	P	04 23 12.1 +1.2
WUAZ	Wupatki	64.92	64	P	P	04 23 12.5 +1.2
WUAZ	Wupatki	64.92	64	eP	P	04 23 13.4 +2.1
J30A	Dallas	64.95	51	P	P	04 23 11.6 +0.4
H32A	Carlson Farm,	64.97	48	P	P	04 23 11.3 +0.1
K29A	Lazy Trails An	65.00	51	P	P	04 23 12.4 +0.9
IPM	Iph	65.06	241	eP	P	04 23 12.1 -0.2
H33A	Prehn Over Nor	65.14	48	P	P	04 23 12.9 +0.5
MVCO	Mesa Verde	65.17	61	eP	P	04 23 13.9 +0.9
MVCO	Mesa Verde	65.17	61	eP	P	04 23 14.4 +1.5
J31A	Geddes	65.33	50	P	P	04 23 13.8 +0.3
I32A	Karley and Nic	65.33	49	P	P	04 23 13.4 -0.2
K30A	Basset	65.40	51	P	P	04 23 14.9 +0.9
N27A	Anderson Farm,	65.45	54	P	P	04 23 15.8 +1.4
O26A	Horse Wrangler	65.50	55	P	P	04 23 15.4 +0.5
M28A	Bar X Bar Ranc	65.56	53	P	P	04 23 15.9 +0.8
H34A	Spellman Lake,	65.58	47	P	P	04 23 15.2 +0.1
I33A	Coleman	65.62	48	P	P	04 23 15.8 +0.5
S22A	4UR Ranch, Cre	65.63	59	P	P	04 23 17.2 +1.3
J32A	Parkston	65.67	50	P	P	04 23 15.6 -0.1
K31A	O'Neill	65.84	51	P	P	04 23 17.3 +0.5
L30A	Spencer Herefo	65.91	52	P	P	04 23 17.4 +0.2
ECSD	EROS Data Cent	65.94	48	P	P	04 23 17.6 +0.2
ECSD	EROS Data Cent	65.94	48	eP	P	04 23 17.6 +0.2

O27A	Beecher Island	65.95	55	P	P	04 23 18.3 +0.6
P26A	Davis Ranch, A	66.01	56	P	P	04 23 18.3 +0.3
N28A	Pribbeno Ranch	66.02	54	P	P	04 23 18.4 +0.4
J33A	Davis	66.11	49	P	P	04 23 18.5 +0.1
L31A	Butterfield Fa	66.15	51	P	P	04 23 19.4 +0.6
K32A	Verdige	66.17	50	P	P	04 23 18.9 0.0
O28A	Krutsinger Ran	66.34	54	P	P	04 23 20.2 +0.2
N29A	Votaw Ranch, W	66.36	53	P	P	04 23 20.5 +0.4
AKAS	Malin Array Be	66.38	325	P	P	04 23 18.8 -1.2
KIEV	Kiev	66.39	325	P	P	04 23 18.6 -1.4
KIEV	comp=Z,10.0nm,0.8s					
KIEV	Kiev	66.39	325	eP	P	04 23 18.8 -1.2
P27A	Ficken Ranch,	66.39	55	P	P	04 23 20.0 +0.4
O26A	Hugo	66.41	56	P	P	04 23 21.0 +0.4
SPMN	St. Paul	66.43	45	P	P	04 23 20.6 +0.3
KIV	Kislovodsk	66.63	313	eP	P	04 23 22.4 +0.7
KIV	Le Mars	66.63	313	eP	P	04 23 22.4 +0.7
KIV	Le Mars	66.63	313	eS	S	04 23 22.4 +0.7
KIV	Le Mars	66.63	313	eS	S	04 31 33.1 -2.4
KIV	comp=Z,11nm,0.7s					
KIV	Kislovodsk	66.63	313	eP	P	04 23 22.5 +0.7
K33A	Belgrade	66.66	49	P	P	04 23 22.0 +0.2
L32A	Elgin	66.67	51	P	P	04 23 22.2 +0.3
KBZ	Khabaz	66.72	313	P	P	04 23 22.4 +0.3
M31A	Lambrecht Ranch	66.73	52	P	P	04 23 22.7 +0.3
P28A	Saint Francis	66.78	55	P	P	04 23 23.1 +0.3
O29A	4D Ranch, Culb	66.81	54	P	P	04 23 23.2 +0.3
214A	Organ Pipe Nat	66.82	67	P	P	04 23 24.2 +1.1
R26A	Arlington	66.92	57	P	P	04 23 24.3 +0.5
SCHO	Schefferville	66.98	24	P	P	04 23 23.0 -0.7
K34A	comp=Z,4.8nm,0.4s,baz=350,slow=5.3,SNR=26	67.00	49	P	P	04 23 24.1 +0.1
BGNE	Belgrade	67.07	51	P	P	04 23 24.6 +0.2
BGNE	Belgrade	67.07	51	eP	P	04 23 24.8 +0.4
O30A	MW Ranch, Wils	67.13	53	P	P	04 23 25.1 +0.2
Q28A	Sharon Springs	67.14	55	P	P	04 23 25.1 +0.1
N31A	Bailey Ranch,	67.15	52	P	P	04 23 25.3 +0.4
P29A	Atwood	67.16	54	P	P	04 23 25.4 +0.4
NEY	Neytrino	67.18	312	P	P	04 23 25.9 +0.6
R27A	Eads	67.26	56	P	P	04 23 26.2 +0.4
T25A	Trinidad	67.33	58	P	P	04 23 26.6 +0.2
M33A	Taylor Creek F	67.38	50	P	P	04 23 26.6 +0.3
S26A	Kim	67.44	57	P	P	04 23 27.0 0.0
L34A	Svensden Farm,	67.44	50	P	P	04 23 26.8 0.0
O31A	Woolen Ranch,	67.50	53	P	P	04 23 27.0 -0.1
N32A	Stulen Farm,	67.51	52	P	P	04 23 27.4 +0.3
P30A	Selden	67.53	54	P	P	04 23 27.4 0.0
Q29A	Oakley	67.69	55	P	P	04 23 28.2 -0.2
R28A	Tribune	67.71	55	P	P	04 23 28.3 -0.2
COEN	Coen	67.72	191	eP	P	04 23 28.9 +0.3
M34A	Aspy Farms, Fr	67.72	50	P	P	04 23 28.5 0.0
T26A	Comanche Natio	67.72	57	P	P	04 23 28.6 -0.2
P31A	Stockton	67.97	53	P	P	04 23 30.0 0.0
R29A	Marienthal	67.97	55	P	P	04 23 30.3 +0.2
Q30A	Quinter	67.99	54	P	P	04 23 30.3 +0.1
LAZ	Ladron	68.03	62	eP	P	04 23 31.9 +1.3
S28A	Mante	68.25	56	P	P	04 23 31.8 -0.1
T27A	Campo	68.25	57	P	P	04 23 31.9 +0.1
P32A	Hulting Farm,	68.26	53	P	P	04 23 31.2 -0.6
N34A	Lincoln	68.28	50	P	P	04 23 31.5 -0.4
CBKS	Cedar Bluff	68.35	54	P	P	04 23 32.1 -0.2
O33A	Hebron	68.38	52	P	P	04 23 32.1 -0.4
R30A	Dighton	68.50	55	P	P	04 23 33.3 -0.1
T28A	Walsh	68.51	57	P	P	04 23 33.5 +0.1
S29A	Ulysses	68.61	56	P	P	04 23 34.2 +0.2
N35A	Tabor	68.66	50	P	P	04 23 34.3 +0.1
U27A	Thompson Grove	68.69	57	P	P	04 23 34.8 +0.2
O34A	Beatrice	68.71	51	P	P	04 23 34.3 -0.2
GNI	Garni	68.73	309	eP	P	04 23 35.5 +0.7
GNI	Garni	68.73	309	eP	P	04 23 35.5 +0.7
Q32A	Meitler Ranch,	68.78	53	P	P	04 23 34.7 -0.2
P33A	Williams Farm,	68.84	52	P	P	04 23 35.2 -0.1
R31A	Burdett	68.86	54	P	P	04 23 35.0 -0.5
T29A	Huston	68.89	56	P	P	04 23 35.4 -0.3
SCIA	State Center	68.91	48	eP	P	04 23 36.2 +0.6
S30A	Montezuma	68.92	55	P	P	04 23 35.9 0.0
O35A	Humboldt	69.01	50	P	P	04 23 36.0 -0.2
U28A	Mallet	69.03	57	P	P	04 23 36.4 -0.2
Q33A	Connely Farm,	69.12	52	P	P	04 23 36.5 -0.5
121A	Cookes Peak, D	69.12	63	P	P	04 23 38.7 +1.4
R32A	Long Quarter,	69.15	53	P	P	04 23 36.7 -0.5
P34A	Walnut Farm, R	69.16	51	P	P	04 23 36.5 -0.7
S31A	Mutliville	69.41	54	P	P	04 23 38.3 -0.5
KWP	Kalwaria Pacla	69.43	329	eP	P	04 23 38.5 -0.1
KWP	Kalwaria Pacla	69.43	329	eP	P	04 23 38.6 -0.1
P35A	Duane Minner,	69.55	51	P	P	04 23 39.3 -0.2
O36A	Bolckow	69.55	50	P	P	04 23 39.4 -0.2
R33A	Olander Ranch,	69.59	53	P	P	04 23 39.3 -0.5
Q34A	Chapman	69.60	52	P	P	04 23 39.2 -0.7
KSU1	Kansas State U	69.61	52	P	P	04 23 39.2 -0.7

KSU1	Kansas State U	69.61	52	eP	P	04 23 39.4 -0.5
S32A	Newby Ranch,	69.61	54	P	P	04 23 39.7 -0.4
T31A	Randall Ranch,	69.73	55	P	P	04 23 40.4 -0.3
OJC	Ojcow	69.79	331	eP	P	04 23 40.5 -0.3
OJC	Ojcow	69.79	331	eP	P	04 23

ZALV	Zalesovo Beam	69.48 12 P	P	04 30 20.4 -2.0	CTAO	Charters Tower	76.46 108 eP	P	04 31 04.6 0.0	MOX	Moxa	79.80 328 eP	P	04 31 24.4 +2.0
ZALV	comp=Z,9.3nm,0.8s,baz=212,slow=5.9,SNR=14				CTAO	comp=Z,28nm,1.1s		P		NEUB	Neuburg	80.05 329 eP	P	04 31 26.0 +2.3
ZALV	comp=Z,2.0m,18.0s,baz=236,slow=35				CTAO	comp=Z,4.0m,19.0s		MLR	MLR	BFO	Black Forest	80.21 325 eP	P	04 31 23.6 -1.1
ZALV	Zalesovo Beam	69.48 12 P	P	04 30 24.2 +1.8	CTAO	Charters Tower	76.46 108 eP	P	04 31 04.6 0.0	BFO	comp=Z,1.1nm,1.2s		MLR	MLR
VOIR		69.64 331 P	P	04 30 26.9 +3.2	CTAO	comp=Z,4.0m,19.0s		LR	LR	BFO	comp=Z,3.19nm,20.0s		MLR	MLR
VOIR	Tescani	69.64 331 P	P	04 30 26.9 +3.2	TJN	Tajon	76.51 47 eP	P	04 31 08.7 +4.3	BFO	Black Forest	80.21 325 eP	P	04 31 25.2 +0.5
NVS	Novosibirsk	70.03 11 eP	P	04 30 26.0 +0.3	CAN	Canberra	76.56 123 P	PFAKE	04 31 20.0 +1.5	BFO	Black Forest	80.21 325 eP	P	04 31 23.6 -1.1
NVS	comp=Z,20nm,1.0s				CAN	comp=Z,1.0m,19.0s		LR	LR	BFO	comp=Z,1.1nm,1.2s		MLR	MLR
NVS	comp=N,11nm,0.6s				VLC	Villacollemand	76.68 322 P	PFAKE	04 31 20.0 +1.5	BFO	comp=Z,3.19nm,20.0s		LR	LR
NVS	comp=E,4.0nm,0.6s				KBA	Koelnbreinsper	76.73 326 P	P	04 31 05.7 0.0	SSB	Saint Sauveur	80.80 321 eP	P	04 31 28.0 0.0
QIS	Mount Isa	70.22 107 P	P	04 30 27.5 -0.4	TREC	Trest	77.00 329 eP	P	04 31 11.4 +4.4	SSB	comp=Z,12nm,1.1s		MLR	MLR
SNA	Sanae	70.26 198 eP	P	04 30 27.1 0.0	TREC	Trest	77.00 329 eP	MLR	04 31 18.0	SSB	Saint Sauveur	80.80 321 eP	P	04 31 28.0 0.0
SNA	Sanae	70.26 198 eP	P	04 30 27.7 -0.5	TREC	Trest	77.00 329 eP	MLR	04 31 11.4 +4.4	SSB	comp=Z,12nm,1.1s		MLR	MLR
SNA	comp=Z,5.0nm,1.0s				TREC	Trest	77.00 329 eP	P	04 31 11.4 +4.4	SSB	comp=Z,3.27nm,20.0s		LR	LR
SNA	comp=Z,5.0nm,1.0s				TREC	Trest	77.00 329 eP	P	04 31 18.0 +0.1	ECH	Echery	80.80 325 P	PFAKE	04 31 40.0 +1.2
ARU	Arti	70.32 356 dP	P	04 30 28.4 +0.9	DPC	Dobruska-Polom	77.27 330 eP	P	04 31 10.0 +1.5	ECH	comp=Z,4.28nm,21.0s		LR	LR
ARU	comp=Z,9.0nm,1.7s				DPC	comp=Z,1.7nm,1.7s		P	04 31 19.2	FINES	Fines Array B	81.42 342 LR	LR	05 08 21.3
ARU	Arti	70.32 356 PFAKE	LR	04 30 40.0 +1.2	DPC	comp=Z,500nm,22.2s		eS	04 40 56.3 -1.2	BOD	Bodaibo	81.64 24 eP	P	04 31 28.6 -3.5
ARU	comp=Z,870nm,20.0s				DPC	comp=Z,400nm,22.1s		S	MLR	BOD	comp=Z,6.0nm,1.8s		P	04 31 28.6 -3.5
SVE	Sverdlouvs	70.59 357 eP	P	04 30 43.8 +1.5	DPC	Dobruska-Polom	77.27 330 eP	P	04 31 10.0 +1.5	MDJ	MDJ	81.94 40 eP	P	04 31 34.5 +0.5
SVE	comp=Z,5.4nm,1.5s				DPC	comp=Z,1.6nm,0.8s,baz=144,slow=5.0,SNR=8.3		eS	05 05 10.0	MDJ	comp=Z,20nm,1.0s		LR	LR
SVE	Gura Zlata	70.71 329 P	P	04 30 32.2 +1.9	KSAR	Wonju Array Be	77.38 46 P	P	04 31 09.7 +0.3	WLF	Wallerdange	82.14 325 PFAKE	LR	04 31 50.0 +1.5
SVE	Gura Zlata	70.71 329 P	P	04 30 32.2 +1.9	KSAR	Wonju Array Be	77.38 46 P	P	04 31 09.7 +0.3	WLF	comp=Z,4.73nm,20.0s		LR	LR
STKA	Stephens Creek	70.78 119 P	P	04 30 28.8 -2.2	KSRS	Korea Arr	77.42 46 eP	P	04 31 09.7 +0.1	USRK	Ussuriysk Arr	83.27 41 P	P	04 31 40.0 -0.9
STKA	comp=Z,2.7nm,0.8s,baz=256,slow=12,SNR=2.8				KSRS	comp=Z,7.5nm,1.1s,baz=244,slow=6.2,SNR=13		LR	05 04 31.7	USRK	comp=Z,1.9nm,0.7s,baz=230,slow=6.6,SNR=3.7		LR	05 09 23.0
STKA	comp=Z,4.0m,20.8s,baz=255,slow=32				JNU	Nakatsue	77.60 51 P	P	04 31 11.4 +0.7	USRK	comp=Z,3.44nm,18.8s,baz=241,slow=36		P	04 31 43.4 -0.9
CUC	Castrocuco	70.96 321 PFAKE	LR	04 30 40.0 +8.1	JNU	Nakatsue	77.60 51 eP	P	04 31 11.4 +0.7	ESDC	Sonsec Array	83.88 313 P	P	04 31 43.4 -0.9
BJI	Beijing	71.13 39 P	S	04 30 34.7 +1.9	GERES	GERESS Array B	77.63 328 P	P	04 31 13.6 +3.0	ESDC	comp=Z,1.2nm,0.8s,baz=105,slow=3.6,SNR=12		LR	05 08 49.3
BJI	comp=Z,5.0nm,1.2s				GERES	comp=Z,1.6nm,0.8s,baz=144,slow=5.0,SNR=8.3		LR	05 06 15.3	PAB	San Pablo	84.10 313 PFAKE	LR	04 32 00.0 +1.5
BJI	comp=Z,980nm,21.0s				GERES	comp=Z,1.73nm,20.5s,baz=130,slow=36		P	04 31 12.6 +1.5	PAB	comp=Z,1.0m,21.0s		LR	04 32 00.0 +1.5
BJI	comp=Z,720nm,26.0s				GOPEC	GO Pecny, Ondr	77.74 329 eP	P	04 40 57.8 -4.9	MAJO	Matsushiro	84.49 50 P	P	04 31 49.8 +2.4
BJI	comp=Z,980nm,21.0s				GOPEC	comp=Z,400nm,16.8s		eS	05 04 30.0	MAJO	Matsushiro	84.49 50 P	PFAKE	04 32 00.0 +1.3
BJI	comp=Z,650nm,35.2s				GOPEC	comp=Z,2.00nm,22.6s		AMS	AMS	MAJO	comp=Z,634nm,20.0s		P	04 31 45.7 -1.7
CLTB	Caltabellotta	71.15 318 PFAKE	LR	04 30 50.0 +1.7	VNDA	Vanda	77.83 167 P	P	04 31 11.4 +0.2	MAT	Matsushiro	84.49 50 P	S	04 32 12.2 +1.6
CLTB	comp=Z,331nm,21.0s				VNDA	comp=Z,1.7nm,1.1s,baz=259,slow=5.2,SNR=4.1		LR	05 01 00.7	MJAR	Matsushiro Arr	84.49 50 P	S	04 31 46.9 -0.4
BURAR	Bucovina Array	71.17 332 P	P	04 30 45.5 +1.2	KHC	Kasperke Hory	77.87 328 eP	P	04 31 10.0 -1.9	MJAR	comp=Z,7.4nm,1.1s,baz=232,slow=5.2,SNR=8.5		LR	05 07 27.0
BURAR	Bucovina Array	71.17 332 P	P	04 30 45.5 +1.2	KHC	comp=Z,998nm,21.6s,baz=268,slow=32		eS	04 31 10.8 -1.9	LVZ	LVZ	84.64 349 PFAKE	LR	04 32 00.0 +1.3
DIVS	Divibare	71.24 327 P	P	04 30 33.4 -0.1	KHC	comp=Z,400nm,26.1s		MLR	04 31 15.3 -0.8	LVZ	comp=Z,429nm,21.5s,baz=230,slow=34		LR	04 32 00.0 +1.3
SONM	Songino Array	71.27 28 P	P	04 30 32.0 -1.5	KHC	comp=Z,400nm,26.1s		P	04 31 10.0 -1.9	KLR	Kul'dur	85.40 37 eP	P	04 31 52.2 +0.6
SONM	comp=Z,2.9nm,0.7s,baz=213,slow=6.6,SNR=12				KHC	comp=Z,2.0m,20.7s,baz=212,slow=35		eS	04 31 10.8 -1.1	KLR	comp=Z,7.2nm,2.0s		P	04 31 59.3 +3.6
SONM	comp=Z,2.9nm,0.7s,baz=213,slow=6.6,SNR=12				KHC	comp=Z,2.0m,20.7s,baz=212,slow=35		eS	05 03 50.0	NB2	NORSAR Subarra	86.28 337 P	P	04 31 57.4 +1.7
BZS	Buzias	71.45 329 P	P	04 30 38.4 +3.8	KHC	comp=Z,400nm,26.1s		AMS	04 31 10.8 -1.1	NOA	NORSAR Array B	86.28 337 P	P	04 31 57.4 +1.7
BZS	Buzias	71.45 329 P	P	04 30 38.4 +3.8	KHC	comp=Z,400nm,26.1s		AMS	04 31 10.8 -1.1	NOA	comp=Z,3.6nm,1.0s,baz=65,slow=5.1		P	04 31 57.4 +1.7
VNAZ	Neumayer-Watz	71.51 199 P	P	04 30 33.7 -0.9	KHC	comp=Z,5.2nm,1.3s		P	04 31 11.1 -0.9	NOA	comp=Z,0.7nm,0.8s,baz=115,slow=5.1,SNR=2.6		P	04 32 10.0 +1.2
ULN	Ulanbaatar	71.59 28 eP	P	04 30 37.5 +1.9	PRU	Pruhonice	77.91 329 eP	P	04 31 11.1 -0.9	MTE	Manteigas	86.70 313 PFAKE	LR	04 32 10.0 +1.2
ULN	comp=Z,12nm,2.0s				PRU	comp=Z,2.00nm,22.6s		eS	04 41 03.1 -1.3	MTE	comp=Z,1.0m,22.0s		P	04 32 10.0 +7.4
ULN	Ulanbaatar	71.59 28 eP	P	04 30 35.8 +0.2	PRU	Pruhonice	77.91 329 eP	P	04 31 11.1 -0.9	KEV	Kevo	87.73 347 PFAKE	LR	04 32 10.0 +7.4
ULN	comp=Z,1.0m,19.0s				PRU	comp=Z,2.00nm,22.6s		P	04 31 11.1 -0.9	KEV	comp=Z,473nm,21.0s		P	04 32 05.7 +2.4
AKASG	Main Array Be	71.86 336 P	P	04 30 38.0 +1.0	PRU	comp=Z,2.00nm,22.6s		eP	04 31 18.1 +0.3	ARCES	ARCCESS Array B	87.89 347 P	P	04 32 05.7 +2.4
KIEV	Kiev	71.86 336 eP	P	04 30 37.7 +0.7	PRU	comp=Z,2.00nm,22.6s		eP	04 41 03.1 -1.3	ARCES	comp=Z,3.1nm,0.7s,baz=144,slow=4.5,SNR=7.1		LR	05 12 18.8
KIEV	comp=Z,2.5nm,0.7s,baz=140,slow=5.3,SNR=8.0				PRU	comp=Z,2.00nm,22.6s		AMS	05 04 20.0	ESK	Eskdalemuir	89.86 328 PFAKE	LR	04 32 20.0 +7.1
KIEV	comp=Z,2.3nm,1.3s				PRA	Prague	78.02 329 ex	x	04 40 30.8	ESK	comp=Z,534nm,20.0s		LR	04 32 20.0 +6.2
KIEV	comp=Z,605nm,21.0s				FETA	Feichten	78.13 325 P	P	04 41 12.4 -1.2	ERM	Ermo	89.98 47 PFAKE	LR	04 32 20.0 +6.2
KIEV	Kiev	71.86 336 eP	P	04 30 37.7 +0.7	PVCC	Panska Ves	78.24 329 eP	P	04 31 11.9 -1.9	ERM	comp=Z,530nm,21.0s		LR	04 32 30.0 +1.4
KIEV	comp=Z,2.3nm,1.3s				PVCC	Panska Ves	78.24 329 eP	P	04 41 02.5 -5.4	YAK	Yakutsk	90.47 25 PFAKE	LR	04 32 30.0 +1.4
KIEV	comp=Z,605nm,21.0s				PVCC	Panska Ves	78.24 329 eP	P	04 41 11.9 -1.9	YAK	comp=Z,1.0m,20.0s		P	04 32 23.4 +3.6
ZAK	Zakamensk	71.90 24 eP	P	04 30 34.8 -2.6	PVCC	Panska Ves	78.24 329 eP	P	04 41 02.5 -5.4	YSS	Yuzh-Sakhalins	91.30 42 eP	P	04 32 23.4 +3.6
ZAK	comp=Z,15nm,1.7s				HIA	Hailar	78.76 33 P	P	04 31 19.2 +2.4	YSS	comp=Z,1.0m,20.0s		P	04 32 23.4 +3.6
KEST	Kesra	72.72 315 LR	LR	05 02 26.7	HIA	comp=Z,2.18nm,1.9s		P	04 31 30.0 +1.3	YSS	comp=Z,3.0nm,0.9s		P	04 32 30.0 +1.0
KIC	Kosan Boka	72.90 281 eP	P	04 30 43.9 -0.1	HIA	comp=Z,901nm,19.0s		LR	04 31 19.0 +5.4	YSS	comp=Z,232nm,22.0s		LR	04 32 30.0 +7.7
TLY	Talaya	73.06 23 PFAKE	LR	04 31 00.0 +1.6	BRG	Berggiesshubel	77.77 329 eP	P	04 31 19.3 +2.5	HNR	Honiara	91.67 100 PFAKE	LR	04 32 30.0 +1.1
TLY	comp=Z,4.1nm,0.1s				BRG	comp=Z,18nm,1.7s		S	04 41 19.0 +5.4	HNR	comp=Z,1.0m,22.0s		LR	04 32 40.0 +1.1
OBN	Obninsk	73.07 343P	P	04 30 55.0 +1.1	BRG	comp=Z,500nm,21.2s		SS	04 46 17.0 -1.6	SACV	Santiago Islan	93.03 285 PFAKE	LR	04 32 40.0 +1.1
OBN	comp=Z,41nm,1.8s				BRG	comp=Z,500nm,21.2s		SS	04 41 19.0 +5.4	SACV	comp=Z,577nm,19.0s		PP	04 36 16.0 -5.9
OBN	comp=Z,663nm,20.0s				BRG	comp=Z,18nm,1.7s		SS	04 46 17.0 -1.6	DZM	Mont Dzumac	94.36 114 eSS	SS	04 50 10.0 +1.9
OBN	Obninsk	73.07 343 PFAKE	LR	04 31 00.0 +1.6	BRG	comp=Z,18nm,1.7s		SS	04 46 17.0 -1.6	DZM	comp=Z,1.0m,31.9s		eLQ	04 58 57.4
DBIC	Dimbokro	73.10 281 P	P	04 30 44.9 -0.3	BRG	comp=N,500nm,19.0s		MLR	MLR	DZM	comp=Z,2.0m,35.0s		eLR	05 02 58.1
DBIC	comp=Z,22nm,1.1s,baz=110,slow=6.6,SNR=8.4				BRG	comp=E,260nm,19.9s		MLR	MLR	DZM	comp=Z,3.0m,25.8s		LR	04 32 50.0 +1.5
LCB	Lamto	73.14 281 eP	P	04 30 44.9 -0.5	BRG	comp=Z,244nm,16.4s		MLR	MLR	SNZO	South Karori	94.54 134 PFAKE	LR	04 33 00.0 +1.4
TIC	Toumoudi	73.25 281 eP	P	04 30 45.4 -0.7	BRG	Berggiesshubel	77.77 329 eP	P	04 31 18.9 +2.2	KBS	Kingsbay	97.10 351 PFAKE	LR	04 33 00.0 +1.4
UZH	Uzhgorod	73.25 331 eP	P	04 30 55.5 +2.2	SBA	Scott Base	78.80 168 PFAKE	LR	04 31 30.0 +1.3	KBS	comp=Z,1.0m,19.0s		LR	04 33 00.0 +1.4
MOS	Moscow	73.32 344 eP	P	04 30 47.3 +1.8	SBA	comp=Z,732nm,21.0s		LR	04 31 31.0 +1.3	EFI	East Falkland	98.69 212 PFAKE	LR	04 33 00.0 +6.4
MOS	comp=Z,800nm,18.0s				CN2	Changchun	78.95 40 eP	P	04 31 38.0 +1.2	EFI	comp=Z,2.78nm,19.0s		LR	04 33 10.0 +1.0
LVS	L'vov	73.33 333 eP	P	04 30 50.7 +4.9	CN2	comp=Z,2.0nm,1.2s		eS	04 31 29.0 -3.8	RCBR	Riachuelo	99.98 261 PFAKE	LR	04 33 10.0 +1.0
KOLS	Kolonickie sedl	73.48 332 eP	P	04 30 50.8 +4.1	CN2	Novy Kostel	79.12 328 eP	P	04 31 18.4 -0.4	RCBR	comp=Z,757nm,20.0s		P	04 33 20.0 +9.1
KOLS	Kolonickie sedl	73.48 332 eP	P	04 30 50.8 +4.1	CN2	Novy Kostel								

SGJ	comp=Z,852nm,25.0s	San Juan	133.80	282	LR	LR	04 38 40.0	+7.9
SGJ	comp=Z,550nm,21.0s	Lake Ozonia	134.57	320	PFAKE	LR	04 38 40.0	+7.2
LCN	comp=Z,577nm,20.0s	Newcomb	134.67	319	PFAKE	LR	04 38 40.0	+7.0
NCB	comp=Z,646nm,20.0s	Wrangell Islan	135.31	14	PFAKE	LR	04 38 50.0	+16
WRAK	comp=Z,466nm,19.0s	Santo Domingo	137.13	268	PFAKE	LR	04 38 50.0	+11
SDV	comp=Z,427nm,22.0s	Kipapa	137.62	73	PFAKE	LR	04 38 50.0	+11
KIP	comp=Z,745nm,21.0s	Rikitea	137.93	151	eSS	SS	04 59 33.3	-1.9
RKT	comp=Z,363nm,32.0s	Rikitea	137.93	151	eLQ	LQ	05 17 14.1	
RKT	comp=Z,835nm,38.8s	Rikitea	137.93	151	eT	T	07 12 00.4	
RKT	comp=Z,1.1um,31.5s	Rikitea	137.93	151	eT	T	07 12 00.4	
AAM	comp=Z,4.2nm,0.2s	Flin Flon	138.16	349	PFAKE	LR	04 38 50.0	+11
FFC	comp=Z,482nm,19.0s	Pitcairn Islan	138.26	158	PFAKE	LR	04 38 50.0	+10
PTCN	comp=Z,3um,22.0s	Presa de Saban	138.68	283	PFAKE	LR	04 38 50.0	+8.8
SDDR	comp=Z,478nm,20.0s	Corbin	139.46	314	PFAKE	LR	04 38 50.0	+8.0
CBN	comp=Z,668nm,20.0s	Pohakuloa	140.01	76	PFAKE	LR	04 39 00.0	+16
POHA	comp=Z,462nm,20.0s	Grayling	140.27	327	PFAKE	LR	04 38 50.0	+6.7
GLMI	comp=Z,751nm,21.0s	Edmonton	140.76	359	ePKIKP	PKPpdf	04 38 42.6	-1.4
EDM	comp=Z,751nm,21.0s	Edmonton	140.76	359	ePKIKP	PKPpdf	04 38 42.6	-1.4
EYMN	comp=Z,659nm,21.0s	Ann Arbor	141.35	323	PFAKE	LR	04 39 00.0	+15
AAM	comp=Z,375nm,19.0s	Conover	141.61	332	PFAKE	LR	04 39 00.0	+14
COWI	comp=Z,627nm,20.0s	Alum Creek Sta	142.17	320	PFAKE	LR	04 39 00.0	+13
ACSO	comp=Z,851nm,19.0s	Otavallo	142.18	252	PFAKE	LR	04 39 00.0	+12
OTAV	comp=Z,522nm,20.0s	Guantanamo Bay	142.26	285	PFAKE	LR	04 39 00.0	+12
GTBY	comp=Z,474nm,20.0s	Agassiz Nation	142.50	340	PFAKE	LR	04 39 00.0	+13
AGMN	comp=Z,639nm,19.0s	Jewell Farm	144.51	329	ePKIKP	PKPpdf	04 38 53.1	+2.2
JFWS	comp=Z,804nm,20.0s	Jewell Farm	144.51	329	ePKIKP	PKPpdf	04 38 53.1	+2.2
JFWS	comp=Z,804nm,20.0s	Dagmar	144.56	349	P	PKPab	04 38 49.1	-0.2
DGMT	comp=Z,1.1um,20.0s	Mount Denham	144.62	282	PFAKE	LR	04 39 00.0	+8.1
MTDJ	comp=Z,402nm,21.0s	Freed Ranch, W	145.09	347	P	PKPbc	04 38 50.1	-1.2
C25A	comp=Z,1.1um,20.0s	Tuckaleechee C	145.18	314	ePKIKP	PKPpdf	04 38 50.0	+1.7
TKL	comp=Z,1.1um,0.9s,baz=16.56sl=4.2,SNR=2.4	Wyandotte Cave	145.43	320	ePKIKP	PKPpdf	04 38 50.9	-1.7
WC1	comp=Z,1.1um,0.9s,baz=16.56sl=4.2,SNR=2.4	Wyandotte Cave	145.43	320	ePKIKP	PKPpdf	04 38 50.9	-1.7
WC1	comp=Z,1.1um,0.9s,baz=16.56sl=4.2,SNR=2.4	Huff	145.52	344	P	PKPpdf	04 38 51.5	-1.1
E28A	comp=Z,1.1um,0.9s,baz=16.56sl=4.2,SNR=2.4	Manning	145.54	346	P	PKPpdf	04 38 51.1	-1.5
D26A	comp=Z,1.1um,0.9s,baz=16.56sl=4.2,SNR=2.4	Spellman Lake	145.58	337	P	PKPpdf	04 38 51.6	-1.1
H34A	comp=Z,1.1um,0.9s,baz=16.56sl=4.2,SNR=2.4	Neilton Lookou	145.62	12	ePKIKP	PKPpdf	04 38 52.8	0.0
NLWA	comp=Z,781nm,21.0s	Fairfield	145.63	347	P	PKPpdf	04 38 52.3	-0.5
D25A	comp=Z,1.1um,0.9s,baz=16.56sl=4.2,SNR=2.4	Newport	145.64	4	ePKIKP	PKPpdf	04 38 52.5	-0.3
NEW	comp=Z,1.0nm,0.9s,baz=357,slow=3.7,SNR=11	Newport	145.64	4	ePKIKP	PKPpdf	04 38 52.2	-0.6
NEW	comp=Z,682nm,19.0s	Newport	145.64	4	P	PKPpdf	04 38 52.4	-0.3
NEW	comp=Z,682nm,19.0s	Newport	145.64	4	ePKIKP	PKPpdf	04 38 52.1	-0.6
NEW	comp=Z,682nm,19.0s	Hopedale	145.69	325	ePKIKP	PKPab	04 38 56.0	+2.3
HDIL	comp=Z,1.1um,21.0s	Eagleton	145.78	355	P	PKPpdf	04 38 52.1	-0.9
EGMT	comp=Z,724nm,22.0s	Eagleton	145.78	355	ePKIKP	PKPpdf	04 38 52.1	-0.9
EGMT	comp=Z,724nm,22.0s	Blacktail Mountain	145.98	0	ePKIKP	PKPpdf	04 38 52.3	-0.4
BLMT	comp=Z,724nm,22.0s	Carlson Angus	146.07	346	P	PKPpdf	04 38 52.5	-1.0
E26A	comp=Z,724nm,22.0s	Isla Barro Col	146.11	266	PFAKE	LR	04 39 10.0	+14
BCIP	comp=Z,395nm,20.0s	Yellow Bay	146.13	360	ePKIKP	PKPab	04 38 55.2	0.0
YBMT	comp=Z,395nm,20.0s	Yellow Bay	146.13	360	ePKIKP	PKPab	04 38 55.2	0.0
BSMT	comp=Z,395nm,20.0s	Olney	146.25	322	ePKIKP	PKPab	04 38 55.6	-0.1
OLIL	comp=Z,395nm,20.0s	Jette	146.25	322	ePKIKP	PKPab	04 38 55.6	-0.1
JTMT	comp=Z,395nm,20.0s	Miller Ranch	146.26	347	P	PKPpdf	04 38 52.4	-1.5
E25A	comp=Z,395nm,20.0s	Faulkton	146.37	341	P	PKPpdf	04 38 54.1	+0.1
G30A	comp=Z,395nm,20.0s	Swartz Lake	146.48	360	ePKIKP	PKPab	04 38 56.5	0.0
SWMT	comp=Z,395nm,20.0s	LASA Array	146.64	350	P	PKPpdf	04 38 54.0	-0.6
LAO	comp=Z,653nm,19.0s	LASA Array	146.64	350	ePKIKP	PKPbc	04 38 55.8	-0.3
LAO	comp=Z,653nm,19.0s	LASA Array	146.64	350	ePKIKP	PKPbc	04 38 55.8	-0.3
ECSD	comp=Z,550nm,21.0s	EROS Data Cent	146.69	337	P	PKPpdf	04 38 54.6	0.0
ECSA	comp=Z,550nm,21.0s	EROS Data Cent	146.69	337	ePKIKP	PKPpdf	04 38 54.9	+0.2
SCIA	comp=Z,935nm,22.0s	State Center	146.71	331	PFAKE	LR	04 39 10.0	+12
H31A	comp=Z,935nm,22.0s	Wolsey	146.72	339	P	PKPpdf	04 38 53.7	-1.0
SLMT	comp=Z,935nm,22.0s	Seesley Lake	146.75	359	ePKIKP	PKPpdf	04 38 55.0	+0.2
G27A	comp=Z,935nm,22.0s	Dupree	146.96	344	P	PKPpdf	04 38 54.5	-0.6
CHMT	comp=Z,935nm,22.0s	Chamberlain Mo	147.07	359	ePKIKP	PKPab	04 38 56.6	-0.9
M50	comp=Z,935nm,22.0s	Missoula	147.17	360	P	PKPpdf	04 38 56.4	-0.9
G26A	comp=Z,935nm,22.0s	Maurine	147.21	345	P	PKPpdf	04 38 54.8	-0.8
HRY	comp=Z,935nm,22.0s	Holter Researc	147.22	357	ePKIKP	PKPbc	04 38 56.8	-1.0
HAWA	comp=Z,935nm,22.0s	Hanford	147.28	7	ePKIKP	PKPbc	04 38 57.2	-0.7
HAWA	comp=Z,935nm,22.0s	Hanford	147.28	7	ePKIKP	PKPbc	04 38 57.2	-0.7
G25A	comp=Z,607nm,22.0s	Newell	147.50	346	P	PKPpdf	04 38 54.6	-1.5
SIUC	comp=Z,607nm,22.0s	Southern Illin	147.55	322	ePKIKP	PKPbc	04 38 56.5	-0.3
WWT	comp=Z,607nm,22.0s	Waverly	147.66	318	ePKIKP	PKPpdf	04 38 57.2	+0.7
WWT	comp=Z,607nm,22.0s	Waverly	147.66	318	ePKIKP	PKPbc	04 38 57.2	+0.7
GCMT	comp=Z,607nm,22.0s	Greycliff	147.98	354	ePKIKP	PKPbc	04 38 58.9	-1.1
I28A	comp=Z,607nm,22.0s	Midland	148.01	342	P	PKPbc	04 38 58.9	-1.1

K32A	comp=Z,148	Verdige	148.12	337	P	PKPpdf	04 38 58.6	+1.5
LRM	comp=Z,148	Limekiln Ridge	148.14	358	ePKIKP	PKPbc	04 39 02.0	-1.3
I27A	comp=Z,148	Quinn	148.20	343	P	PKPbc	04 39 59.9	-1.6
L33A	comp=Z,148	Hoskins	148.27	336	P	PKPbc	04 38 59.4	-1.3
J29A	comp=Z,148	O'Kreek	148.29	341	P	PKPpdf	04 38 59.0	+1.6
K31A	comp=Z,148	O'Neill	148.44	338	P	PKPbc	04 39 00.4	-0.7
J28A	comp=Z,148	Allard Ranch	148.55	342	P	PKPbc	04 39 00.5	-0.9
RLMT	comp=Z,148	Red Lodge	148.60	353	P	PKPbc	04 39 01.1	-0.6
RLMT	comp=Z,148	Red Lodge	148.60	353	ePKIKP	PKPbc	04 39 01.3	-0.4
DLMT	comp=Z,526nm,20.0s	Dillon	148.60	358	ePKIKP	PKPbc	04 39 01.0	-0.7
RSSD	comp=Z,526nm,20.0s	Black Hills	148.66	346	ePKIKP	PKPbc	04 39 00.7	-1.2
RSSD	comp=Z,526nm,20.0s	Black Hills	148.66	346	ePKIKP	PKPbc	04 39 00.7	-1.2
I25A	comp=Z,526nm,20.0s	Rochford	148.68	346	P	PKPbc	04 39 00.7	-1.2
K30A	comp=Z,526nm,20.0s	Basset	148.70	339	P	PKPpdf	04 38 58.4	+0.4
H21A	comp=Z,526nm,20.0s	Big Horn, Sher	148.78	350	P	PKPbc	04 39 00.8	-1.3
N34A	comp=Z,526nm,20.0s	Lincoln	149.05	333	P	PKPbc	04 39 01.1	-1.6
QLMT	comp=Z,526nm,20.0s	Earthquake Lak	149.08	356	ePKIKP	PKPbc	04 39 02.7	-0.2
YNR	comp=Z,526nm,20.0s	Norris Junctio	149.14	355	ePKIKP	PKPbc	04 39 03.5	+0.4
MCMT	comp=Z,526nm,20.0s	McKenzie Canyo	149.15	358	ePKIKP	PKPbc	04 39 02.8	-0.3
YMR	comp=Z,526nm,20.0s	Madison River	149.21	356	ePKIKP	PKPbc	04 39 05.5	-2.2
BGNE	comp=Z,526nm,20.0s	Belgrade	149.26	356	ePKIKP	PKPbc	04 39 03.0	-0.2
LKWY	comp=Z,526nm,20.0s	Lake	149.26	355	ePKIKP	PKPbc	04 39 04.1	+0.6
LKWY	comp=Z,526nm,20.0s	Lake	149.26	355	ePKIKP	PKPbc	04 39 04.1	+0.6
I22A	comp=Z,1.1um,20.0s	9 Mile Ranch	149.39	349	P	PKPbc	04 39 02.6	-1.0
YFTI	comp=Z,1.1um,20.0s	Old Faithful	149.41	355	ePKIKP	PKPbc	04 39 05.5	+1.7
H17A	comp=Z,1.1um,20.0s	Grant Village	149.45	355	ePKIKP	PKPbc	04 39 04.0	+0.1
J24A	comp=Z,1.1um,20.0s	Dixon Ranch, L	149.45	346	P	PKPbc	04 39 03.1	-0.9
I20A	comp=Z,1.1um,20.0s	baz=150	149.61	351	P	PKPbc	04 39 02.6	-1.6
I21A	comp=Z,1.1um,20.0s	Big Trails, Te	149.61	350	P	PKPbc	04 39 02.7	-1.6
FLWY	comp=Z,1.1um,20.0s	Flagg Ranch	149.77	355	ePKIKP	PKPbc	04 39 05.1	+0.4
J22A	comp=Z,1.1um,20.0s	Shoshoni	149.85	349	P	PKPbc	04 39 03.1	-1.7
J04D	comp=Z,1.1um,20.0s	Umpqua Nationa	149.95	12	P	PKPbc	04 39 03.7	-1.4
K25A	comp=Z,1.1um,20.0s	Maack Ranch, Ha	150.04	345	P	PKPbc	04 39 04.2	-1.1
J21A	comp=Z,1.1um,20.0s	Lysite	150.09	350	P	PKPbc	04 39 04.2	-1.2
MOOW	comp=Z,1.1um,20.0s	Moose Ponds	150.10	355	ePKIKP	PKPbc	04 39 05.2	-0.3
J20A	comp=Z,1.1um,20.0s	Shoshoni	150.18	351	P	PKPbc	04 39 04.4	-1.2
LOHW	comp=Z,1.1um,20.0s	Long Hollow	150.23	355	ePKIKP	PKPbc	04 39 05.1	-0.7
P34A	comp=Z,1.1um,20.0s	Walnut Farm, R	150.25	332	P	PKPbc	04 39 04.6	-1.1
K23A	comp=Z,1.1um,20.0s	Bowen Ranch, D	150.32	347	P	PKPbc	04 39 04.6	-1.3
TPAW	comp=Z,1.1um,20.0s	Teton Pass	150.38	355	ePKIKP	PKPbc	04 39 06.0	-0.2
HUMO	comp=Z,1.1um,20.0s	Hull Mountain	150.38	13	ePKIKP	PKPbc	04 39 05.2	-0.8
SNOW	comp=Z,1.1um,20.0s	Snow King Moun	150.39	355	ePKIKP	PKPbc	04 39 05.6	-0.6
J19A	comp=Z,1.1um,20.0s	Grosvont	150.41	352	P	PKPbc	04 39 05.9	-0.3
HLID	comp=Z,1.1um,20.0s	Hailey	150.43	0	P	PKPbc	04 39 05.6	-0.6
HLID	comp=Z,1.1um,20.0s	Hailey	150.43	0	ePKIKP	PKPbc	04 39 05.7	-0.6
REDW	comp=Z,1.1um,20.0s	Red Top Meadow	150.50	355	ePKIKP	PKPbc	04 39 05.8	-0.7
KSU1	comp=Z,1.1um,20.0s	Kansas State U	150.51	332	P	PKPbc	04 39 04.7	-1.6
KSU1	comp=Z,1.1um,20.0s	Kansas State U	150.51	332	ePKIKP	PKPbc	04 39 04.5	-1.9
KSU1	comp=Z,1.1um,20.0s	Kansas State U	150.51	332	ePKIKP	PKPbc	04 39 04.5	-1.9
MF2D	comp=Z,812nm,19.0s	Camas Ranch	150.54	3	ePKIKP	PKPbc	04 39 06.2	-0.3
K21A	comp=Z,812nm,19.0s	Shoshoni	150.60	349	P	PKPbc	04 39 04.2	-2.5
K22A	comp=Z,812nm,19.0s	Casper	150.60	349	ePKIKP	PKPbc	04 39 05.4	-1.3
S37A	comp=Z,812nm,19.0s	Fort Scott	150.68	328	P	PK		

MEX. MEX 03 08:18:35.6:0.5, 16:36N-94:33W, h124km, 12km, MD4.0, Oaxaca. Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TGIG, PCIG, VHO, etc.

ISK 03 08:25:22.3:0.7:28N-28:20E, h4km, MD2.5. ISCJB 03 08:25:23.9:0.6, 37:19N:0:05:28:16E:0:04, hgkm, 8km. Error ellipse: s-maj=8.1km s-min=4.6km az=25.3.

DDA 03 08:25:23.7:0.7:23N-28:16E, h7km, MD2.6. CSEM 03 08:25:23.9:0.2, 37:19N:28:18E, h10km, MD2.5, Error ellipse: s-maj=4.6km s-min=3.1km az=24.0.

ISC 03 08:25:24.1:1.1, 37:19N:0:03:28:18E:0:03, h10km, n14, 05:48/26, Turkey.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like YER, TURN, AYDN, DALY, BDRM, BODT, DNZL, etc.

ISCJB 03 08:32:25.8:0.8, 5:71S:0:06:131:1E:0:2, h10km, mb4.0/1. Error ellipse: s-maj=35.6km s-min=8.8km az=2.1. IDC 03 08:32:25.7:1.9, 5:67S:131:11E, h0km, mb3.9/1, mb1.4, 3/5, mb1mx3.8/28, mbtmp4.1/5, ML4.2/4, Error ellipse: s-maj=89.5km s-min=24.5km az=85.0.

AUST 03 08:32:30.0, 5:48S:131:03E, h60km. ISC 03 08:32:26.8:1.0, 5:83S:0:07:131:2E:0:2, h10km, n12, 03:03/10, Banda Sea.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FAKI, SIJI, SWI, KDU, MTN, KNRA, FITZ, WRA, ASAR, MKAR, etc.

AUST 03 08:45:39.9:0.5, 9:02S:118:65E, h87km, Error ellipse: s-maj=1.1km s-min=0.8km az=357.0. ISCJB 03 08:45:40.8:0.4, 9:27S:0:05:118:60E:0:03, h100km, mb3.5/1, Error ellipse: s-maj=6.7km s-min=4.1km az=12.1.

IDC 03 08:45:41.3:3.9, 9:38S:118:49E, h82km, 27km, mb3.2/2, mb1.3, 5/5, mb1mx3.3/34, mbtmp3.7/5, MS2.7/1, Ms1.2/7/1, ms1mx2.2/10, Error ellipse: s-maj=67.6km s-min=14.5km az=58.0.

DJA 03 08:45:42.1:0.3, 9:5:5:11:9E, h81km, 15km, MA, 7/16, mb4.8/4, mB5.2/2, MLV4.7/10, MLV4.6/16, Mw(m)B4.6/2. ISC 03 08:45:41.7:0.7, 9:30S:0:06:118:58E:0:05, h100km, n32, 0:163/34, Sumbawa region.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BASI, DNP, IGBI, SRBI, BSSI, MMRI, BKSI, KAPI, KAPU, JAGI, ABJI, BATI, BLJI, SPSI, SOEI, UGM, FITZ, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FITZ, MTN, GIRL, KDU, FAKI, SIJI, MEEK, WRA, WRKA, MORW, ASAR, COEN, LHI, SONM, etc.

ISCJB 03 08:59:58.7:1.4, 64:69N:0:05:30:8E:0:2, h0km, Error ellipse: s-maj=13.6km s-min=5.8km az=14.9. IDC 03 09:00:00.9:2.8, 64:59N:31:36E, h0km, mb1.3, 2/4, mb1mx3.0/37, mbtmp3.1/4, ML2.3/4, Error ellipse: s-maj=38.0km s-min=9.9km az=104.0.

CSEM 03 09:00:01.4:0.8, 64:70N:30:72E, h0km, ML2.0, Mining explosion. HEL 03 09:00:01.4:0.8, 64:70N:30:72E, h0km, ML2.0, Explosion. ISC 03 09:00:00.3:1.9, 64:72N:0:06:30:64E:0:10, h0km, n17, 0:087/25, Finland-Karelia border region.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KU6, MSF, KJN, OUL, ROV, RNF, KEF, FINES, VAF, ARCES, HFS, NOA, etc.

WEL 03 09:10:46.1:0.2, 44:49S:168:14E, h12km, ML3.7/17, 3C-20, Error ellipse: s-maj=1.6km s-min=1.5km az=90.0, South Island.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MSZ, WJZ, JCZ, WAZ, MLZ, EAZ, DCZ, WHZ, FOZ, LAZ, LBZ, TUB, WUZ, OZD, PYZ, SYZ, RPSZ, RPZ, APZ, WVZ, DSZ, THZ, etc.

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

ISCJB 03 09:12:01.2:1.0, 39:09N:0:04:27:44E:0:06, h0km, Error ellipse: s-maj=7.0km s-min=6.2km az=145.2. CSEM 03 09:12:01.9:0.3, 39:03N:27:41E, h1km, MD2.6, Error ellipse: s-maj=7.2km s-min=4.9km az=27.0, Mining explosion. DDA 03 09:12:02.5, 39:12N:27:53E, h7km, MD2.6. ISK 03 09:12:02.3, 39:05N:27:51E, h14km, MD2.6. ISC 03 09:12:02.1:1.0, 39:10N:0:04:27:53E:0:04, h0km, n16, 0:1527/27, Turkey.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AKHS, AKS, DURS, DEMI, MANT, KULA, EZNE, AYBN, AYDB, etc.

NNC 03 09:18:11.8:5.4, 53:70N:90:31E, h0km, mb4.1, mpv3.9, Error ellipse: s-maj=42.5km s-min=39.5km az=172.0. IDC 03 09:18:09.4:3.2, 53:65N:90:70E, h0km, mb1.5, 5/3, mb1mx3.2/39, mbtmp3.5/3, ML2.8/3, 1C-6D, Error ellipse: s-maj=26.9km s-min=23.2km az=59.0, Southwestern Siberia.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like I46RU, ZALV, ZALV, KURBB, KURBB, KURBB, MK31, MK31, MK31, MKAR, MKAR, OTUK, etc.

IDC 03 09:32:44.9:1.9, 60:39N:153:74W, h121km, 32km, mb3.7/4, mb1.3, 6/8, mb1mx3.3/41, mbtmp4.0/8, Error ellipse: s-maj=37.4km s-min=17.5km az=109.0. ISCJB 03 09:32:46.1:0.3, 60:34N:0:03:153:16W:0:06, h164km, 3km, mb3.9/4, Error ellipse: s-maj=5.2km s-min=3.3km az=40.6. NEIC 03 09:32:47.9:0.6, 34N:153:14W, h160km, MG3.4(AEIC), After AEIC.

ISC 03 09:32:47.1:0.9, 60:32N:0:03:153:16W:0:04, h163km, 6km, n98, 0:120/121, mb4.0, Southern Alaska.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RDWB, RSO, NCT, RDN, DFR, ILS, OPT, AUL, AUW, CKL, AUI, HOM, BGL, SPBG, CKN, CNPM, BRKL, MCNL, STLR, SVWZ, SLKM, VOGI, SUA, FIB, KAPH, SKT, RC01, RC01, RC01, SEW, KAHC, KAHC, KAKN, KAKN, KELA, KABU, PMR, KABR, PWL, CNCT, KDAK, KDAK, KDAK, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists various stations like Purkeypile, Sawmill, Talatina, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like TBLG Delisi, TBLG Delisi, TBLG Delisi, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like mb1 4.4/14, mb1mx4.2/27, mbtmp4.2/14, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like ONI, ONI, ONI, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like TBLG Delisi, TBLG Delisi, TBLG Delisi, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists stations like mb1 4.4/14, mb1mx4.2/27, mbtmp4.2/14, etc.

SEW	Seward	79.40	25	eP	P	10 42 23.9 +0.3
RC01	Rabbit Creek A	79.80	25	eP	P	10 42 25.3 -0.5
PMR	Palmer	80.31	24	eP	Pmax	10 42 27.9 -0.6
PMR	Palmer	80.31	24	eP	P	10 42 27.9 -0.6
SML	Sawmill	80.75	24	eP	Pmax	10 42 30.7 -0.2
SML	Sawmill	80.75	24	eP	P	10 42 30.7 -0.2
TRF	Thorofare Moun	80.85	22	eP	P	10 42 30.4 -1.2
MKAR	Makanchi Array	81.14	319	P	P	10 42 33.2 -0.1
DIV	Divide	81.49	25	eP	P	10 42 35.4 +0.3
MCK	McKinley	81.51	22	eP	Pmax	10 42 34.3 -0.6
MCK	McKinley	81.51	22	eP	P	10 42 34.2 -0.6
BMRM	Bremner River	81.91	26	eP	P	10 42 37.2 +0.1
ZALV	Zalesovo Beas	82.00	326	P	P	10 42 36.9 -0.8
PDGK	Podgornoye	82.05	315	P	P	10 42 37.5 -0.7
COLA	College	82.50	22	eP	Pmax	10 42 39.0 -1.0
COLA	College	82.50	22	eP	P	10 42 39.0 -1.0
ILAR	Glison Array	82.81	22	eP	P	10 42 40.1 -1.5
COLD	Coldfoot	82.94	19	eP	P	10 42 42.3 0.0
MENT	Mentasta	83.18	24	eP	P	10 42 44.1 +0.4
NVS	Novosibirsk	83.18	327	eS	P	10 42 42.9 -0.9
NVS	Novosibirsk	83.18	327	eS	Pmax	10 53 01.9 -1.2
NVS	Novosibirsk	83.18	327	eS	Pmax	10 42 48.7 +1.7
NVS	Novosibirsk	83.18	327	eS	P	10 42 53.4 +0.7
NVS	Novosibirsk	83.18	327	eS	P	10 46 03.9 +3.8
NVS	Novosibirsk	83.18	327	eS	P	10 53 07.2 +1.1
NVS	Novosibirsk	83.18	327	eS	P	10 53 11.3 -1.8
NVS	Novosibirsk	83.18	327	eS	P	10 53 18.1 -0.6
DOT	Dot Lake	83.36	24	eP	P	10 42 43.8 -0.8
KSH	Kashi	83.70	311	P	P	10 42 48.7 +1.7
KSH	Kashi	83.70	311	eP	P	10 42 53.4 +0.7
KSH	Kashi	83.70	311	eP	P	10 46 03.9 +3.8
KSH	Kashi	83.70	311	eP	P	10 53 07.2 +1.1
KSH	Kashi	83.70	311	eP	P	10 53 11.3 -1.8
KSH	Kashi	83.70	311	eP	P	10 53 18.1 -0.6
ULHL	Ulahol	84.10	313	P	P	10 42 49.6 +0.5
KURK	Kurchatov	84.60	322	P	P	10 42 50.8 -0.4
KURB	Kurchatov	84.60	322	P	P	10 42 50.8 -0.4
KURB	Kurchatov	84.60	322	P	P	10 42 50.8 -0.6
TKM2	Tokmak 2	84.72	314	P	Pmax	10 42 52.7 +0.5
TKM2	Tokmak 2	84.72	314	P	Pmax	10 42 52.7 +0.5
TKM2	Tokmak 2	84.72	314	P	P	10 42 52.7 +0.5
TKM2	Tokmak 2	84.72	314	P	P	10 42 52.6 +0.4
KZA	Kyzart	84.78	313	P	P	10 42 54.1 +1.3
MAW	Mawson	84.93	203	P	P	10 42 52.2 -0.3
EGAG	Eagle	85.00	23	eP	P	10 42 53.1 +0.3
KBK	Karagaybulak	85.13	314	P	P	10 42 55.0 +0.7
CHMS	Chumysh	85.34	314	P	P	10 42 55.3 +0.2
FRU	Bishkek	85.40	314	eP	P	10 42 56.0 +0.6
DAWY	Dawson	85.42	24	eP	P	10 42 55.5 +0.4
AAK	Ala-Archa	85.45	313	P	P	10 42 55.9 +0.1
AAK	Ala-Archa	85.45	313	P	Pmax	10 42 56.1 +0.3
AAK	Ala-Archa	85.45	313	eP	P	10 42 56.5 +0.6
AAK	Ala-Archa	85.45	313	eP	P	10 42 56.7 +0.8
AML	Almayashu	85.93	313	P	P	10 43 02.7 +4.2
EKS2	Erkin-Say	85.97	313	eP	Pmax	10 42 59.1 +0.7
EKS2	Erkin-Say	85.97	313	eP	P	10 42 59.1 +0.7
MNAS	Mnas	86.86	313	P	P	10 43 03.1 +0.3
OTUK	Ortayu	88.03	319	P	Pmax	10 43 07.0 -1.1
KK31	Karatay Array	88.41	313	P	Pmax	10 43 09.4 -0.7
KKAR	Karatay Array	88.41	313	eP	Pmax	10 43 09.5 -0.6
KKAR	Karatay Array	88.41	313	eP	Pmax	10 43 09.4 -0.6
INK	Inuvik	89.12	21	P	P	10 43 11.6 -1.2
BVA0	Borovyoye Array	90.08	323	P	Pmax	10 43 15.8 -1.8
BVA0	Borovyoye Array	90.08	323	P	Pmax	10 43 16.6 -1.0
BRVK	Borovyoye	90.15	323	P	P	10 43 16.3 -1.6
BRVK	Borovyoye	90.15	323	P	Pmax	10 43 16.9 -1.0
BRVK	Borovyoye	90.15	323	eP	P	10 43 16.4 -1.5
NVAR	Narina Array	92.36	52	P	P	10 43 29.4 +0.6
AB31	Akbulak array	96.29	319	iP	Pmax	10 43 43.9 -2.4
ABKAR	Akbulak array	96.29	319	eP	P	10 43 44.8 -1.5
ARU	Arti	97.17	326	P	P	10 43 48.0 -2.1
ARU	Arti	97.17	326	eP	P	10 43 48.3 -1.8
AKTO	Aktyubinsk	97.55	320	P	P	10 43 50.1 -1.9
APA	Apafity	106.21	340	iP	Pdf	10 44 40.0 +1.0
AKASG	Malin Array Be	115.34	324	PKP	PKPpdf	10 48 58.7 -0.7
AKASG	Malin Array Be	115.34	324	PKP	PKPpdf	10 48 59.0 -0.4
AKASG	Malin Array Be	115.34	324	PKP	PKPpdf	10 49 03.9 -0.6
BRTR	Keskin Array B	116.07	312	PKP	PKPpdf	10 49 00.6 -0.9

NB2	NORSAR Subarra11	117.79	340	PKPpdf	PKPpdf	10 49 03.0 -0.9
NOA	NORSAR Array B	117.79	340	PKP	PKPpdf	10 49 03.4 -0.6
BOSA	Bosof	119.37	233	PKP	PKPpdf	10 49 07.8 -0.4
MLR	Muntele Ros	119.42	320	PKP	PKPpdf	10 49 06.9 -0.9
TKL	Tuckaleechee C	119.95	52	PKP	PKPpdf	10 49 08.7 -0.2
KOLS	Kolonick sedl	120.15	325	ePKP	PKPpdf	10 49 09.6 +0.8
KOLS	Kolonick sedl	120.15	325	ePKP	PKPpdf	10 49 09.6 +0.8
SCHO	Schefferville	121.40	26	PKP	PKPpdf	10 49 11.3 +0.2
KECS	Kecevo	121.40	325	ePKP	PKPpdf	10 49 13.4 +2.2
KECS	Kecevo	121.40	325	ePKP	PKPpdf	10 49 13.4 +2.2
VYHS	Vyhne	122.33	326	ePKP	PKPpdf	10 49 13.9 +0.9
VYHS	Vyhne	122.33	326	ePKP	PKPpdf	10 49 13.9 +0.9
BRG	Bergjesshobel	123.53	330	ePKP	PKPpdf	10 49 12.6 -2.6
BRG	Bergjesshobel	123.53	330	ePKP	PKPpdf	10 49 12.6 -2.6
BRG	Bergjesshobel	123.53	330	ePKP	PKPpdf	10 49 12.6 -2.6
COLL	Collim	123.72	331	ePKP	PKPpdf	10 49 15.0 -0.6
COLL	Collim	123.72	331	ePKP	PKPpdf	10 49 15.0 -0.6
COLL	Collim	123.72	331	ePKP	PKPpdf	10 49 15.0 -0.6
CLL	Collim	123.72	331	ePKP	PKPpdf	10 49 15.0 -0.6
CLL	Collim	123.72	331	ePKP	PKPpdf	10 49 15.0 -0.6
CLL	Collim	123.72	331	ePKP	PKPpdf	10 49 15.0 -0.6
KHC	Kasperske Hory	124.80	329	ePKP	PKPpdf	10 49 18.3 +0.5
KHC	Kasperske Hory	124.80	329	ePKP	PKPpdf	10 49 18.3 +0.5
GERES	GERESS Array B	124.91	328	PKP	PKPpdf	10 49 18.2 +0.1
PQI	Presque Isle	125.94	34	ePKP	PKPpdf	10 49 20.2 +0.2
EKA	Eskdalemuir Ar	126.91	343	PKP	PKPpdf	10 49 22.5 +1.0
WTTA	Wattereg	126.98	328	iPKP	PKPpdf	10 49 22.4 +0.2
MOTA	Moosalm	127.21	328	iPKP	PKPpdf	10 49 22.6 0.0
FETA	Felton	127.61	328	iPKP	PKPpdf	10 49 23.9 -0.1
DAVOX	Davos/Dischmat	128.21	328	PKP	PKPpdf	10 49 25.2 +0.6
ROSC	El Rosal	132.77	89	PKP	PKPpdf	10 49 34.8 +0.4
LPZA	La Paz	133.76	119	PKP	PKPpdf	10 49 38.1 +1.7
SDV	Santo Domingo	136.51	83	ePKP	PKPpdf	10 49 41.0 -0.1
CPUP	Villa Florida	136.65	139	ePKP	PKPpdf	10 49 40.7 -0.1
ESDC	Sonsec Array	140.29	332	PKP	PKPpdf	10 49 47.7 +0.4
ESDC	Sonsec Array	140.29	332	PKP	PKPpdf	10 49 47.7 +0.4
ESDC	Sonsec Array	140.29	332	PKP	PKPpdf	10 52 45.4 +1.2
POLO	Lamas de Oba	140.53	337	ePKP	PKPpdf	10 49 49.1 +1.5
SAML	Samuel	141.04	112	ePKP	PKPpdf	10 49 50.1 +0.9
PMRV	Mur??o	142.02	335	ePKP	PKPpdf	10 49 51.8 +1.5
EVO	Evora	143.03	335	ePKP	PKPpdf	10 49 48.9 +0.1
PNCL	Nicoual / Gran	143.60	335	ePKP	PKPpdf	10 49 50.4 +0.0
MESJ	Messejana	143.70	335	ePKP	PKPpdf	10 49 50.0 +1.1
PCVE	Castro Verde	143.80	334	ePKP	PKPpdf	10 49 53.5 0.0
PVAO	Vaqueiros	143.85	334	ePKP	PKPpdf	10 49 56.6 +3.1
PTEO	Sao Teotonio	144.16	335	ePKP	PKPpdf	10 49 52.4 +0.3
MORF	Marmetele	144.34	335	ePKP	PKPpdf	10 49 53.1 +0.4
TAM	Tamanrasset	144.37	302	ePKP	PKPpdf	10 49 53.9 +0.5
TAM	Tamanrasset	144.37	302	ePKP	PKPpdf	10 50 10.8 +0.6
BDFB	Brasilia	150.27	136	PKP	PKPpdf	10 50 10.8 -0.6
TORD	Tordi Ar	150.84	287	PKP	PKPpdf	10 50 10.8 -0.6
DBIC	Dimbokro	156.06	274	PKP	PKPpdf	10 50 48.8 -0.5

HEL 03 10:34:41.7±0.3, 67°88N33°87E, h26km, ML2.2, Explosion
 NO 03 10:34:46.3±1.5, 67°71N39°97E, ML2.6
 CSEM 03 10:34:46.4±0.9, 67°81N32°52E, h26km, ML2.6, Error
 ellipse: s-maj=25.6km s-min=9.1km az=89.0, Mining
 explosion.

Code	Station Name	Δ° AZ°	Phase ID	Time Res
APA0	Apafity Array	0.32 272	Pg	10 34 51.1 -0.5
APA0	Apafity Array	0.32 272	Pg	10 34 51.1 -0.5
APA0	Apafity Array	0.32 272	Pg	10 34 51.1 -0.5
APA0	Apafity Array	0.32 272	Pg	10 34 51.1 -0.5
APA0	Apafity Array	0.32 272	Pg	10 34 51.1 -0.5
KU6	Riekkii	2.22 227	Pg	10 35 25.7 +2.2
KU6	Riekkii	2.22 227	Pg	10 35 25.6
KU6	Riekkii	2.22 227	Pg	10 35 56.6 0.0
KU6	Riekkii	2.22 227	Pg	10 35 56.6 +2.2
KU6	Riekkii	2.22 227	Pg	10 35 56.6 0.0
MSF	Maaselka	2.54 231	ePG	10 35 30.6 +2.6
MSF	Maaselka	2.54 231	ePG	10 35 06.0 -1.0
MSF	Maaselka	2.54 231	ePG	10 35 30.5 +2.6
MSF	Maaselka	2.54 231	ePG	10 36 06.0 -1.0
RNF	Rovaniemi	3.21 256	ePB	10 35 38.6 +1.5
RNF	Rovaniemi	3.21 256	ePB	10 35 38.6 +1.5
KEV	Kevo	3.30 314	ePG	10 35 39.2 +0.9
KEV	Kevo	3.30 314	ePG	10 35 16.4
ARA0	ARCESS Array S	3.62 306	Pn	10 35 43.2 +0.5
ARA0	ARCESS Array S	3.62 306	Pn	10 36 25.8 -0.3
ARA0	ARCESS Array S	3.62 306	Pn	10 36 37.4
ARA0	ARCESS Array S	3.62 306	Pn	10 35 43.2 +0.5
ARA0	ARCESS Array S	3.62 306	Pn	10 36 25.8 -0.3
ARA0	ARCESS Array S	3.62 306	Pn	10 36 37.4
ARA0	ARCESS Array S	3.62 306	Pn	10 35 43.2 +0.5
ARA0	ARCESS Array S	3.62 306	Pn	10 36 25.8 -0.3
ARA0	ARCESS Array S	3.62 306	Pn	10 36 37.4
ARA0	ARCESS Array S	3.62 306	Pn	10 35 43.2 +0.5
ARA0	ARCESS Array S	3.62 306	Pn	10 36 25.8 -0.3
ARA0	ARCESS Array S	3.62 306	Pn	10 36 37.4
ARA0	ARCESS Array S	3.62 306	Pn	10 35 43.2 +0.5
ARA0	ARCESS Array S	3.62 306	Pn	10 36 25.8 -0.3
ARA0	ARCESS Array S	3.62 306	Pn	10 36 37.4
ARA0	ARCESS Array S	3.62 306	Pn	10 35 43.2 +0.5
ARA0	ARCESS Array S	3.62 306	Pn	10 36 25.8 -0.3
ARA0	ARCESS Array S	3.62 306	Pn	10 36 37.4
ARA0	ARCESS Array S	3.62 306	Pn	10 35 43.2 +0.5
ARA0	ARCESS Array S	3.62 306	Pn	10 36 25.8 -0.3
ARA0	ARCESS Array S	3.62 306	Pn	10 36 37.4
ARA0	ARCESS Array S	3.62 306	Pn	10 35 43.2 +0.5
ARA0	ARCESS Array S	3.62 306	Pn	10 36 25.8 -0.3
ARA0	ARCESS Array S	3.62 306	Pn	10 36 37.4
ARA0	ARCESS Array S	3.62 306	Pn	10 35 43.2 +0.5
ARA0	ARCESS Array S	3.62 306	Pn	10 36 25.8 -0.3
ARA0	ARCESS Array S	3.62 306	Pn	10 36 37.4
ARA0	ARCESS Array S	3.62 306	Pn	10 35 43.2 +0.5
ARA0	ARCESS Array S	3.62 306	Pn	10 36 25.8 -0.3
ARA0	ARCESS Array S	3.62 306	Pn	10 36 37.4
ARA0	ARCESS Array S	3.62 306	Pn	10 35 43.2 +0.5
ARA0</				

3d 11h

2010 SEP

Table with columns for station name, frequency, power, and other technical details. Includes stations like Sheep Creek Mo, Manley, McKinley, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Inuvik, Yuzh-Kuril'sk, Dease Lake, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like Sidney, Kipapa, Neilton Lookou, etc.

C30A	baz=48	48.12	62	P	P	11 24 42.4	-0.7
E29A	Mose, Pekin	48.13	64	P	P	11 24 42.6	-0.6
B31A	Greenbush Farm	48.16	61	P	P	11 24 42.7	-0.7
I27A	Quinn	48.22	68	P	P	11 24 43.7	-0.3
L25A	Engelbretsen Ra	48.26	71	P	P	11 24 44.3	0.0
G28A	Parade	48.28	67	P	P	11 24 44.3	-0.1
SMCO	SNR=94	48.29	76	PFAKE	LR	11 25 00.0	+15
D30A	Buchanan	48.31	63	P	P	11 24 43.9	-0.6
ZAK	Zakamensk	48.31	302	eP	P	11 24 44.3	-0.4
ZAK				e		11 26 11.7	
ZAK	comp=Z,171nm,1.6s				pmax	pmax	
K26A	Motz Farm, Whi	48.39	70	P	P	11 24 44.6	-0.8
F29A	Eureka	48.45	65	P	P	11 24 45.2	-0.5
H28A	Mission Ridge	48.46	67	P	P	11 24 45.7	-0.1
C31A	Landman Farms,	48.48	62	P	P	11 24 44.9	-0.9
E30A	Judi	48.58	64	P	P	11 24 45.8	-0.9
MVCO	Mesa Verde	48.60	80	P	P	11 24 47.0	-0.2
MVCO	Mesa Verde	48.60	80	eP	P	11 24 47.0	-0.2
MVCO	comp=Z,209nm,1.1s				LR	LR	
M25A	Palm-Egill Farm	48.64	72	P	P	11 24 48.0	+0.6
ISCO	Idaho Springs	48.72	75	eP	pmax	11 24 48.3	+0.1
ISCO	comp=Z,194nm,1.3s				MLR	MLR	
ISCO	comp=Z,44um,22.0s						
ISCO	Idaho Springs	48.72	75	P	P	11 24 48.1	-0.1
ISCO	Idaho Springs	48.72	75	eP	P	11 24 48.2	+0.1
ISCO	comp=Z,194nm,1.3s				LR	LR	
J27A	Elkhorn Farm,	48.74	69	P	P	11 24 47.7	-0.3
I28A	Midland	48.78	68	P	P	11 24 47.8	-0.4
G29A	Hoven	48.78	66	P	P	11 24 47.5	-0.7
B32A	Ashes, Strandg	48.86	61	P	P	11 24 47.1	-1.1
L26A	Underwood Farm	48.85	71	P	P	11 24 48.4	-0.5
TIA	Taian	48.86	279	↑P	pP	11 24 49.5	+0.6
TIA				PP	PP	11 25 07.3	+5.7
TIA				S	SS	11 26 43.7	+1.4
TIA				sS	sS	11 31 48.7	-0.3
TIA				PMZ		11 32 14.5	+4.4
TIA	comp=Z,520nm,1.3s				PMZ		
TIA	comp=Z,9um,8.2s				LN		
TIA	comp=Z,19um,19.6s				LE		
TIA	comp=Z,24um,22.0s				LZ		
F30A	Leola	48.91	65	P	P	11 24 48.4	-0.7
D31A	Mcclellan, Tow	48.92	63	P	P	11 24 48.3	-0.9
K27A	Flueckinger Fa	48.94	70	P	P	11 24 48.8	-0.8
H29A	Onida	48.95	67	P	P	11 24 49.1	-0.4
J28A	Allard Ranch,	49.08	68	P	P	11 24 50.6	0.0
E31A	Nome	49.11	63	P	P	11 24 49.7	-1.0
M26A	McRoberts Ranch	49.16	72	P	P	11 24 51.4	+0.1
W18A	Petrified Fore	49.20	82	P	P	11 24 51.9	+0.2
W18A	Petrified Fore	49.20	82	PFAKE	LR	11 25 00.0	+8.2
AGMN	comp=Z,40um,21.0s				LR	LR	
AGMN	Agassiz Nation	49.20	60	P	P	11 24 50.1	-1.3
AGMN	Agassiz Nation	49.20	60	eP	P	11 24 50.3	-1.1
AGMN	comp=Z,342nm,1.0s				LR	LR	
GUMO	Guam	49.25	234	P	P	11 24 50.4	-1.6
GUMO	comp=Z,399nm,1.1s, baz=69,slow=3.4,SNR=15				P	11 24 50.8	-1.3
GUMO	Guam	49.25	234	eP	P	11 24 50.8	-1.3
D32A	Dogwood Acres,	49.26	62	P	P	11 24 50.5	-1.3
G30A	Faulkton	49.26	65	P	P	11 24 51.2	-0.7
I29A	Vivian Onida	49.26	67	P	P	11 24 51.4	-0.5
L27A	T5 Ranch, Ellis	49.27	71	P	P	11 24 51.4	-0.8
S22A	4UR Ranch, Cre	49.28	78	eP	P	11 24 53.0	+0.5
S22A	4UR Ranch, Cre	49.28	78	eP	P	11 24 53.1	+0.7
S22A	comp=Z,313nm,1.3s				LR	LR	
S22A	comp=Z,18um,18.0s				LR	LR	
HHC	Hu-ho-hao-te	49.29	287	↑P	sP	11 24 52.9	+0.6
HHC				PP	PP	11 25 11.8	+1.5
HHC				S	SS	11 26 47.6	+1.4
HHC				sS	sS	11 31 54.8	-0.4
HHC				SS	SS	11 32 16.6	+0.2
HHC				PMZ		11 35 21.2	-5.5
HHC	comp=Z,79nm,1.4s				PMZ		
HHC	comp=Z,3um,3.7s				LN		
HHC	comp=Z,30um,19.1s				LE		
HHC	comp=Z,30um,18.7s				LZ		
214A	Organ Pipe Nat	49.39	88	P	P	11 24 53.0	-0.1
K28A	Ten Mile Ranch	49.44	69	P	P	11 24 53.1	-0.3
N26A	Koester Ranch,	49.51	72	P	P	11 24 54.2	+0.3
Q24A	Divide	49.52	76	P	P	11 24 54.5	+0.1
Q24A	Divide	49.52	76	eP	P	11 24 54.6	+0.3
Q24A	comp=Z,459nm,1.8s				LR	LR	
E32A	Braaten, Kindr	49.55	63	P	P	11 24 52.8	-1.2
C33A	Trail	49.57	61	P	P	11 24 52.8	-1.4
M27A	Reverse DX Ran	49.57	71	P	P	11 24 54.5	+0.1
KBS	Kingsbay	49.62	358	↑P	S	11 24 53.9	-0.2
KBS				IVMs_BB	IVMs_BB	11 44 18.9	
KBS	comp=Z,18um,19.0s						
KBS	Kingsbay	49.62	358	PFAKE	LR	11 25 10.0	+16
J29A	Okreek	49.62	68	P	P	11 24 54.4	-0.3
SSE	Sheshan	49.75	271	↑P	pP	11 24 56.4	+0.7
SSE				PP	PP	11 25 09.9	+1.5
SSE				SP	SP	11 25 15.3	+1.6

SSE				S	S	11 31 58.9	-2.6	
SSE				sS	sS	11 32 21.7	-0.9	
SSE				PMZ				
SSE	comp=Z,94nm,1.3s				PMZ			
SSE	comp=Z,8um,9.2s				LN			
SSE	comp=Z,13um,21.9s				LZ			
SUSD	South Dakota S	49.78	66	P	P	11 24 55.0	-0.8	
L28A	Connealy Angus	49.78	70	P	P	11 24 55.4	-0.7	
Q26A	Horse Wrangler	49.82	73	P	P	11 24 56.5	+0.1	
I30A	Oacoma	49.83	67	P	P	11 24 55.8	-0.4	
D33A	AnnSam, Waubun	49.90	62	P	P	11 24 55.7	-1.1	
N27A	Anderson Farm,	49.93	72	P	P	11 24 57.3	+0.1	
K29A	Lazy Trails An	50.02	69	P	P	11 24 57.4	-0.4	
H31A	Wolsey	50.03	66	P	P	11 24 57.1	-0.7	
SDCO	Great Sand Dun	50.09	77	P	P	11 24 58.7	+0.1	
SDCO	Great Sand Dun	50.09	77	eP	P	11 24 59.0	+0.4	
SDCO	comp=Z,306nm,1.3s				LR	LR		
OGNE	Ogallala	50.14	72	P	P	11 24 58.9	+0.2	
OGNE	Ogallala	50.14	72	eP	P	11 24 59.0	+0.2	
J30A	Dallas	50.15	68	P	P	11 24 58.3	-0.4	
E33A	Westby DABS, E	50.19	62	P	P	11 24 57.7	-1.3	
KRAR	Krasnoyarsk	50.20	313	eP	pmax	11 24 58.6	-0.2	
KRAR	comp=Z,31nm,0.6s				MLR	MLR		
P26A	comp=Z,37um,17.0s							
SPA0	Spitsbergen Ar	50.24	357	↑P	P	11 24 58.2	-0.7	
SPA0					IVMs_BB	IVMs_BB	11 43 50.4	
SPA0	comp=Z,19um,25.6s							
SPITS	Spitsbergen Ar	50.24	357	eP	P	11 24 57.5	-1.4	
SPITS	Spitsbergen Ar	50.24	357	P	P	11 24 57.5	-1.4	
M28A	Bar X Bar Ranch	50.25	71	P	P	11 24 59.4	-0.1	
I31A	Royce, Wessing	50.27	66	P	P	11 24 58.8	-0.8	
D34A	Park Rapids	50.29	61	P	P	11 24 58.5	-1.2	
O27A	Beecher Island	50.35	73	P	P	11 25 00.4	0.0	
L29A	Maesberg Ranch	50.36	69	P	P	11 25 00.1	-0.3	
BTO	Baotou	50.36	288	eP	PMZ	11 25 01.3	+0.9	
F33A	5 Mile Ranch,	50.43	63	P	P	11 24 59.5	-1.2	
K30A	Basse	50.48	68	P	P	11 25 00.9	-0.4	
Q26A	Hugo	50.53	74	P	P	11 25 02.0	+0.2	
NJ2	Nanjing	50.55	274	eP	pP	11 25 01.4	-0.4	
NJ2				sP	sP	11 25 15.1	+0.6	
NJ2				S	S	11 25 22.1	+2.3	
NJ2				sS	sS	11 32 14.9	+2.3	
NJ2				PMZ		11 32 35.0	+1.2	
NJ2	comp=Z,310nm,1.2s				PMZ			
NJ2	comp=Z,12um,10.9s				LN			
NJ2	comp=Z,45um,24.0s				LE			
NJ2	comp=Z,72um,24.1s				LZ			
N28A	Pribbeno Ranch	50.59	71	P	P	11 25 02.2	0.0	
H32A	Carlson Farm,	50.60	65	P	P	11 25 01.1	-1.0	
J31A	Gees	50.61	67	P	P	11 25 01.7	-0.4	
M29A	Burnside Ranch	50.62	70	P	P	11 25 02.0	-0.4	
E34A	Wadena	50.65	62	P	P	11 25 01.1	-1.2	
P27A	Ficken Ranch,	50.69	73	P	P	11 25 02.9	-0.1	
TIV	Taiyuan	50.76	284	eP	pP	11 25 05.0	+1.6	
TIV				PP	PP	11 25 19.5	+3.4	
TIV				S	S	11 32 09.9	-6.1	
TIV	comp=Z,410nm,1.0s				PMZ			
TIV	comp=Z,6um,10.9s				LN			
TIV	comp=Z,24um,18.3s				LE			
TIV	comp=Z,19um,19.0s				LZ			
O28A	Krutsinger Ran	50.81	72	P	P	11 25 03.7	-0.1	
L30A	Spencer Herefo	50.87	69	P	P	11 25 03.7	-0.5	
I32A	Karley and Nic	50.88	66	P	P	11 25 03.0	-1.2	
H33A	Prehn and Nor	50.89	65	P	P	11 25 03.0	-1.2	
D35A	Remer	50.91	61	P	P	11 25 03.3	-1.1	
TARA	Tarawa	50.96	194	eP	pP	11 25 05.8	+0.8	
TARA	comp=Z,358nm,0.9s				eP	pP	11 25 17.3	-0.4
TARA	comp=Z,38um,22.0s				LR	LR		
R26A	Arlington	50.97	75	P	P	11 25 05.2	+0.1	
KSCO	Kaye Shedlock	51.01	74	P	P	11 25 05.4	0.0	
KSCO	Kaye Shedlock	51.01	74	eP	P	11 25 05.8	+0.4	
KSCO	comp=Z,423nm,1.1s				LR	LR		
K31A	O'Neill	51.01	68	P	P	11 25 04.8	-0.4	
E35A	Pedut Lakes	51.04	61	P	P	11 25 04.4	-0.9	
M30A	Dale-Ortello V	51.04	70	P	P	11 25 05.1	-0.4	
N29A	Votaw Ranch, W	51.05	71	P	P	11 25 05.5	-0.1	
DAG	Danmarks Havn	51.06	7	↑P	P	11 25 03.9	-1.2	
DAG	Danmarks Havn	51.06	7	↑P	pP	11 25 03.9	-1.2	
DAG	comp=Z,240nm,1.4s				MLR	MLR		
J32A	Parkston	51.07	67	P	P	11 25 04.7	-0.9	
T25A	Trinidad	51.14	77	P	P	11 25 06.7	+0.2	
T25A	Trinidad	51.14	77	eP	P	11 25 06.8	+0.4	
T25A	comp=Z,1um,1.4s				LR	LR		
P28A	Saint Francis	51.17	73	P	P	11 25 06.5	-0.1	
L31A	Butterfield Fa	51.24	68	P	P	11 25 06.8	-0.1	
I33A	Coleman	51.25	65	P	P	11 25 05.5	-1.5	
ANMO	Albuquerque	51.33	80	LR	LR	11 46 00.6		

ANMO	Albuquerque	51.33	80	eP	pmax	11 25 08.0	+0.1
ANMO	comp=Z,167nm,1.3s						
ANMO	Albuquerque	51.33	80	eP	P	11 25 08.0	+0.1
D36A	Goodland	51.33	60	P	P	11 25 06.2	-1.4
R27A	Eads	51.37	75	P	P	11 25 08.3	+0.2
N30A	Huetfle Ranch,						

3d 11h

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Table with columns: Call Sign, Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other parameters. Includes entries like O33A Hebron, YOJ Yonaguni jima, R31A Burdett, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other parameters. Includes entries like ZALV Holland Ranch, S34A Willow Spring, YULB Yu-li, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, Azimuth, Elevation, SNR, and other parameters. Includes entries like T37A Cheneyville 18, U36A Oologah, TX31 Lajitas Ar. Si, etc.

SJMP	comp=Z,17um,19.0s	San Jose	63.56	256	eP	P	11 26 34.7	+0.8
BUTP		Butuan	63.64	250	eP	P	11 26 34.9	+0.4
BINY		Binghamton	63.72	55	PFAKE	LR	11 26 50.0	+1.5
TZTN	comp=Z,25um,19.0s	Tazewell	63.76	64	eP	P	11 26 34.9	-0.2
SSPA	comp=Z,376nm,1.2s	Standing Stone	63.88	57	eP	P	11 26 35.5	-0.2
SSPA	comp=Z,376nm,1.0s	Standing Stone						
NSS	comp=Z,22um,18.0s	Namsos	64.01	356	iP	P	11 26 34.1	-2.2
NSS		Namsos					11 51 17.2	
ACCN	comp=Z,10um,23.7s	Adirondack Con	64.02	52	PFAKE	LR	11 26 50.0	+1.3
ACCN		Adirondack Con						
LBNH	comp=Z,14um,20.0s	Lisbon	64.23	51	eP	P	11 26 36.8	-1.3
LBNH		Lisbon						
LBNH	comp=Z,96nm,1.0s	Lisbon	64.23	51	eP	P	11 26 36.8	-1.3
POI	comp=Z,96nm,1.0s	Presque Isle	64.25	47	PFAKE	LR	11 26 50.0	+1.2
POI		Presque Isle						
HNR	comp=Z,37um,18.0s	Honiara	64.26	207	PFAKE	LR	11 26 50.0	+1.2
HNR		Honiara						
BUSP	comp=Z,23um,20.0s	Coron	64.48	257	eP	P	11 26 40.2	+0.3
TRY		Troy	64.50	53	PFAKE	LR	11 26 50.0	+1.0
TRY		Troy						
OTUK	comp=Z,30um,20.0s	Ortaya	64.67	317	P	P	11 26 40.0	-0.9
OTUK		Ortaya						
BUPK	comp=Z,101nm,1.0s	Musuvu	64.84	250	eP	P	11 26 42.7	+0.3
CUYO		Cuyo Island	64.87	255	eP	P	11 26 43.2	+0.6
BLA		Blacksburg	65.01	61	eP	P	11 26 43.5	+0.2
BLA	comp=Z,769nm,1.1s	Blacksburg						
BLA	comp=Z,23um,22.0s	Blacksburg	65.01	61	eP	P	11 26 43.5	+0.2
BLA	comp=Z,770nm,1.1s	Blacksburg						
WVL	comp=Z,23um,22.0s	Waterville	65.07	49	PFAKE	LR	11 27 00.0	+1.7
WVL		Waterville						
PDGK	comp=Z,38um,20.0s	Podgornoye	65.12	309	P	P	11 26 43.4	-0.4
PDGK		Podgornoye						
MVL	comp=Z,133nm,1.0s	Millersville	65.14	57	eP	P	11 26 43.3	-0.7
MVL	comp=Z,151nm,1.2s	Millersville						
DAV	comp=Z,14um,19.0s	Davao City (W)	65.19	249	P	P	11 26 45.4	+0.8
DAV	SNR=7.5	Davao City (W)						
ODNJ	comp=Z,25um,22.0s	Ogdensburg	65.24	55	eP	P	11 26 44.0	-0.7
ODNJ	comp=Z,176nm,1.0s	Ogdensburg						
ODNJ	comp=Z,19um,20.0s	Ogdensburg						
SDMD	comp=Z,10um,19.0s	Soldier's Deli	65.32	57	PFAKE	LR	11 27 00.0	+1.5
SDMD		Soldier's Deli						
TBLU	comp=Z,10um,19.0s	Troldheim	65.36	357	iP	P	11 26 41.6	-3.4
TBLU		Troldheim					11 51 24.0	
AFI	comp=Z,10um,24.3s	Afiatalu	65.36	175	PFAKE	LR	11 27 00.0	+1.4
AFI		Afiatalu						
KMI	comp=Z,14um,19.0s	Kunming	65.42	280	P	P	11 26 46.9	+0.6
KMI		Kunming					11 29 12.1	+1.8
KMI		Kunming					11 35 27.5	+0.0
KMI		Kunming					11 36 33.3	-4.5
KMI		Kunming					11 39 44.1	+3.2
KMI	comp=Z,340nm,1.2s	Kunming						
KMI	comp=Z,6um,9.7s	Kunming						
KMI	comp=Z,14um,24.1s	Kunming						
KMI	comp=Z,10um,26.7s	Kunming						
QIZ	comp=Z,23um,27.2s	Qiongzong	65.52	270	P	P	11 26 46.4	-0.3
QIZ		Qiongzong					11 27 01.0	+1.2
QIZ		Qiongzong					11 27 06.4	+1.4
QIZ		Qiongzong					11 35 27.3	-1.1
QIZ		Qiongzong					11 35 51.8	+1.6
QIZ	comp=Z,11um,22.8s	Qiongzong						
QIZ	comp=Z,4um,22.2s	Qiongzong						
QIZ	comp=Z,16um,22.7s	Qiongzong	65.52	270	eP	P	11 26 48.0	+1.2
QIZ	comp=Z,165nm,1.1s	Qiongzong						
GENI	comp=Z,14um,22.0s	Genyem	65.54	229	P	P	11 26 47.3	+0.5
GENI		Genyem						
BRNJ	comp=Z,332nm,1.6s,comp=Z,36um	Basking Ridge	65.56	55	eP	P	11 26 46.1	-0.5
BRNJ	comp=Z,603nm,1.4s	Basking Ridge						
ENPP	comp=Z,22um,22.0s	El Nido	65.57	257	eP	P	11 26 47.6	+0.6
PAL		Palisades	65.65	54	eP	P	11 26 46.8	-0.5
PAL	comp=Z,553nm,1.3s	Palisades						
PAL	comp=Z,28um,22.0s	Palisades	65.65	54	eP	P	11 26 46.8	-0.5
PAL	comp=Z,553nm,1.3s	Palisades						
HRV	comp=Z,28um,22.0s	Adam Dziewonski	65.70	52	PFAKE	LR	11 27 00.0	+1.2
HRV		Adam Dziewonski						
SMPI	comp=Z,32um,20.0s	Sarmi	65.71	231	P	P	11 26 47.8	-0.1
SMPI	comp=Z,212nm,1.5s,comp=Z,8um	Brewton	65.75	70	PFAKE	LR	11 27 00.0	+1.2
BRAL	comp=Z,16um,18.0s	Brewton						
CPNY	comp=Z,16um,18.0s	Central Park	65.78	55	PFAKE	LR	11 27 00.0	+1.2
CPNY		Central Park						
CTBH	comp=Z,27um,21.0s	Cotabato-PC H	65.85	250	eP	P	11 26 49.6	+0.8
FAIO		FINESS Array S	65.91	349	eP	P	11 26 47.1	-1.5
FAIO		FINESS Array S	65.91	349	eP	P	11 26 47.1	-1.5
FAIO		FINESS Array S	65.91	349	eP	P	11 26 47.1	-1.5
FINES	comp=Z,19nm,0.8s,baz=35,slow=7.0,SNR=17	FINESS Array B	65.91	349	iP	P	11 26 47.1	-1.5
FINES	comp=Z,19nm,0.8s,baz=35,slow=7.0,SNR=17	FINESS Array B						
FINES	comp=Z,9.6nm,1.0s,baz=96,slow=3.8,SNR=4.6	FINESS Array B	65.91	349	iP	P	11 26 50.0	+1.4
FINES	comp=Z,9.6nm,1.0s,baz=96,slow=3.8,SNR=4.6	FINESS Array B						
FINES	comp=Z,29um,0.8s	FINESS Array B	65.91	349	P	P	11 26 47.1	-1.5
FINES	comp=Z,29um,0.8s	FINESS Array B						
YLE	comp=Z,33um,20.0s	Yale	65.91	53	PFAKE	LR	11 27 00.0	+1.1
YLE		Yale						
CBN	comp=Z,24um,19.0s	Corbin	65.92	59	PFAKE	LR	11 27 00.0	+1.1
CBN		Corbin						
EMMW	comp=Z,24um,19.0s	East Machias	65.99	48	eP	P	11 26 48.2	-1.2
EMMW	comp=Z,122nm,0.9s	East Machias						
EMMW	comp=Z,49um,19.0s	East Machias						
KMSC	comp=Z,29um,19.0s	Kings Mountain	66.01	63	P	P	11 26 48.8	-1.0
KMSC	baz=66,SNR=82	Kings Mountain						
KMSC	comp=Z,29um,19.0s	Kings Mountain	66.01	63	eP	P	11 26 49.6	-0.1

KMSC	comp=Z,606nm,1.1s							
JSRW	comp=Z,33um,21.0s	J. Sargeant Re	66.03	59	eP	P	11 26 49.6	-0.2
JSRW		J. Sargeant Re	66.11	358	iP	P	11 26 48.6	-1.2
MOL		Mold					11 29 15.6	
MOL		Mold					11 35 41.7	+7.3
MOL		Mold					11 26 49.6	-1.0
BRYW	comp=Z,28um,20.0s	Bryant College	66.16	52	eP	P	11 26 51.0	-0.1
BRYW	comp=Z,161nm,1.1s	Bryant College						
URVA	comp=Z,28um,20.0s	University of	66.31	59	eP	P	11 26 51.5	-0.1
AAA		Alma-Ata	66.39	310	iP	P	11 26 52.6	+0.5
AAA	comp=Z,5um,11.3s	Alma-Ata						
AKN	comp=Z,35um,20.0s	Aaknes	66.52	358	eP	P	11 26 51.0	-1.5
AKN		Aaknes					11 51 37.4	
JSC	comp=Z,9um,25.6s	Jenkinsville	66.69	64	eP	P	11 26 54.1	+0.1
JSC		Jenkinsville						
JSC	comp=Z,1um,1.9s	Jenkinsville						
JSC	comp=Z,31um,21.0s	Jenkinsville	66.69	64	eP	P	11 26 54.1	+0.1
JSC	comp=Z,1um,1.9s	Jenkinsville						
JSC	comp=Z,31um,21.0s	Jenkinsville						
FOO	comp=Z,31um,21.0s	Floro	67.12	359	eP	P	11 26 52.8	-3.5
FOO		Floro					11 26 54.5	-1.8
FOO		Floro					11 29 19.0	
FOO		Floro					11 40 23.2	
TKM2	comp=Z,110nm,1.1s	Tokmak 2	67.29	311	P	P	11 26 57.5	-0.5
TKM2		Tokmak 2						
TKM2	comp=Z,23um,20.0s	Tokmak 2	67.29	311	PFAKE	LR	11 27 10.0	+1.2
TKM2		Tokmak 2						
TKM2	comp=Z,30um,20.0s	Tokmak 2	67.29	311	P	P	11 26 57.9	-0.1
TKM2	SNR=43	Tokmak 2						
TIGA	comp=Z,67,SNR=7.8	Tifton	67.45	68	P	P	11 26 58.0	-0.9
TIGA		Tifton						
TIGA	comp=Z,14um,20.0s	Tifton	67.45	68	PFAKE	LR	11 27 10.0	+1.1
TIGA		Tifton						
SLVN	comp=Z,14um,20.0s	Son La	67.49	276	eP	P	11 26 59.8	+0.4
ULHL		Ulhal	67.50	310	P	P	11 26 59.3	-0.1
ULHL		Ulhal						
NB2	comp=Z,27nm,0.8s,baz=5.9,slow=6.5	NORSAR Subarra	67.53	356	P	P	11 26 57.8	-1.2
NB2	comp=Z,27nm,0.8s,baz=5.9,slow=6.5	NORSAR Subarra						
NB200	comp=Z,27nm,0.8s,baz=5.9,slow=6.5	NORSAR Array S	67.53	356	eP	P	11 26 57.4	-1.7
NB200		NORSAR Array S					11 55 19.9	-8.2
NOA	comp=Z,24nm,1.0s,baz=3.8,slow=6.4,SNR=22	NORSAR Array B	67.53	356	P	P	11 26 57.4	-1.7
NOA		NORSAR Array B						
NOA	comp=Z,16um,21.8s,baz=10.0,slow=34	NORSAR Array B	67.53	356	P	P	11 54 23.5	
NOA		NORSAR Array B					11 55 19.9	-8.2
NOA	comp=Z,12nm,1.0s,baz=170,slow=3.2,SNR=10	NORSAR Array B	67.53	356	P	P	11 26 57.4	-1.7
NOA		NORSAR Array B					11 55 19.9	
USP	comp=Z,16um,21.8s,baz=10.0,slow=34	Ospenovka	67.54	312	P	P	11 26 59.5	+0.1
USP		Ospenovka						
NB002	comp=Z,28um,20.0s	NORSAR Array S	67.54	356	eP	P	11 26 58.9	-0.1
HUYA		Hoyanger	67.54	359	eP	P	11 27 00.7	+1.7
CHMS		Chumysih	67.63	311	P	P	11 26 59.9	-0.1
SUE		Sulen	67.67	360	iP	P	11 26 58.3	-1.4
SUE		Sulen						
TAOE	comp=Z,324nm,1.0s	Nuku Hiva Isla	67.68	141	eP	P	11 27 00.9	+0.3
TAOE		Nuku Hiva Isla						
TAOE	comp=Z,495nm,1.0s	Nuku Hiva Isla	67.68	141	eLR	LR	11 47 26.1	
TAOE	comp=Z,49um,24.4s	Nuku Hiva Isla	67.68	141	eT	T	12 40 52.9	
TAOE	comp=Z,1um,0.3s	Nuku Hiva Isla	67.68	141	eT	T	12 40 52.9	
KBK	comp=Z,1um,0.3s	Karagaybulak	67.80	311	P	P	11 27 01.3	+0.1
FRU	comp=Z,1um,0.3s	Bishkek	67.82	311	iP	P	11 27 00.0	-1.1
FRU		Bishkek					11 31 16.0	
FRU		Bishkek					11 36 00.0	
NC602	comp=Z,280nm,2.0s	NORSAR Array S	67.83	356	iP	P	11 26 59.0	-1.8
NC602		NORSAR Array S					11 51 28.2	
CNNC	comp=Z,9um,30.4s	Cliffs of the	67.84	61	PFAKE	LR	11 27 10.0	+8.7
CNNC		Cliffs of the						
AAK	comp=Z,24um,21.0s	Ala-Archa	68.03	311	P	P	11 27 02.6	-0.1
AAK		Ala-Archa						
AA								

OTAV	Otavalo	94.51 84	eP	P	11 29 24.0 -0.2
OTAV	comp=Z,3.38nm,0.9s		LR	LR	
EIL	Elat	94.60 333	P	P	11 29 24.8 +0.9
EIL	comp=Z,2.8nm,0.7s,baz=311,slow=4.1,SNR=2.4				
GRGR	Grenville	95.05 63	PFAKE	P	11 29 24.8 +0.9
GRGR	comp=Z,1.4um,22.0s		LR	LR	11 29 40.0 +1.4
BBGH	Gunn Hill	95.38 61	PFAKE	P	11 29 40.0 +1.2
BBGH	comp=Z,1.6um,21.0s		LR	LR	
MDT	Midelt	95.58 7	P	P	11 29 27.2 -1.2
MDT	comp=Z,6.9nm,0.8s,baz=25,slow=7.1,SNR=7.5				
FORT	Forrest	95.61 226	PFAKE	P	11 29 27.2 -1.2
FORT	comp=Z,1.2um,22.0s		LR	LR	11 29 40.0 +1.2
RPZ	Rata Peaks	95.62 189	LR	LR	12 08 12.0
RPZ	comp=Z,2.4um,19.9s,baz=30,slow=33				
ODZ	Otahua Downs	96.98 189	PFAKE	LR	11 29 50.0 +1.6
ODZ	comp=Z,2.2um,19.0s		LR	LR	
COCO	West Island	97.70 260	PFAKE	LR	11 29 50.0 +1.2
COCO	comp=Z,2.4um,22.0s		LR	LR	
DCZ	Deep Cove	97.81 192	PFAKE	LR	11 29 50.0 +1.2
DCZ	comp=Z,1.3um,21.0s		LR	LR	
WHZ	Wether Hill Ro	98.12 191	PFAKE	LR	11 29 50.0 +1.1
WHZ	comp=Z,1.5um,20.0s		LR	LR	
NNA	Nana	104.98 90	PFAKE	LR	11 30 20.0 +9.5
NNA	comp=Z,5.5um,20.0s		LR	LR	
TAM	Tamanrasset	105.89 359	PFAKE	LR	11 34 40.0
TAM	comp=Z,2.9um,20.0s		LR	LR	
PTGA	Pitinga	106.47 70	PFAKE	LR	11 34 40.0
PTGA	comp=Z,1.0um,22.0s		LR	LR	
MCQ	Macquarie Isla	107.80 195	PFAKE	LR	11 34 40.0
MCQ	comp=Z,1.9um,22.0s		LR	LR	
SACV	Santiago Islan	109.46 28	PFAKE	LR	11 34 50.0
SACV	comp=Z,1.1um,18.0s		LR	LR	
SAML	Samuel	111.08 77	PFAKE	LR	11 34 50.0
SAML	comp=Z,3um,21.0s		LR	LR	
LPZ	La Paz	113.68 86	Pdfif	Pdfif	11 30 49.8 -0.1
LPZ	comp=Z,0.4nm,0.5s,baz=359,slow=6.1,SNR=6.1				
LPZ	comp=Z,3.8nm,0.8s,baz=29,slow=4.6,SNR=8.5				
LPZ	comp=Z,0.9nm,0.5s,baz=83,slow=5.6,SNR=4.0				
LPZ	La Paz	113.68 86	Pdfif	Pdfif	11 30 49.8 -0.1
LPZ	comp=Z,0.9nm,0.5s,baz=83,slow=5.6,SNR=4.0				
TOAO	Torodi Ar. Sit	115.47 2	ePKP1	ePKP1	11 34 43.1 -1.9
TOAO	comp=Z,1.54nm,0.8s				
TOAO	Torodi Ar. Sit	115.47 2	ePKP2	ePKP2	11 34 44.3 -0.7
TOAO	comp=Z,1.54nm,0.8s				
TOAO	Torodi Ar. Sit	115.47 2	ePKP3	ePKP3	11 34 44.4 -0.6
TOAO	comp=Z,1.54nm,0.8s				
TOAO	Torodi Ar. Sit	115.47 2	ePKP4	ePKP4	11 34 44.3 -0.7
TOAO	comp=Z,1.54nm,0.8s				
TORD	Torodi Ar. Bea	115.47 2	ePKP5	ePKP5	11 34 44.3 -0.7
TORD	comp=Z,3.9nm,0.8s,baz=351,slow=2.2,SNR=9.6				
TORD	Torodi Ar. Bea	115.47 2	ePKP6	ePKP6	11 34 44.3 -0.7
TORD	comp=Z,8.8nm,0.9s,baz=172,slow=2.1,SNR=24				
TORD	Torodi Ar. Bea	115.47 2	ePKP7	ePKP7	11 34 44.3 -0.7
TORD	comp=Z,2.7nm,0.9s,baz=181,slow=4.0,SNR=9.3				
TORD	Torodi Ar. Bea	115.47 2	ePKP8	ePKP8	11 34 44.3 -0.7
TORD	Torodi Ar. Bea	115.47 2	ePKP9	ePKP9	11 34 44.3 -0.7
TORD	comp=Z,2.7nm,0.9s,baz=181,slow=4.0,SNR=9.3				
TORD	Torodi Ar. Bea	115.47 2	ePKP10	ePKP10	11 34 44.3 -0.7
TORD	comp=Z,2.7nm,0.9s,baz=181,slow=4.0,SNR=9.3				
TORD	Torodi Ar. Bea	115.47 2	ePKP11	ePKP11	11 34 44.3 -0.7
TORD	comp=Z,2.7nm,0.9s,baz=181,slow=4.0,SNR=9.3				
TORD	Torodi Ar. Bea	115.47 2	ePKP12	ePKP12	11 34 44.3 -0.7
TORD	comp=Z,2.7nm,0.9s,baz=181,slow=4.0,SNR=9.3				
TORD	Torodi Ar. Bea	115.47 2	ePKP13	ePKP13	11 34 44.3 -0.7
TORD	comp=Z,2.7nm,0.9s,baz=181,slow=4.0,SNR=9.3				
TORD	Torodi Ar. Bea	115.47 2	ePKP14	ePKP14	11 34 44.3 -0.7
TORD	comp=Z,2.7nm,0.9s,baz=181,slow=4.0,SNR=9.3				
TORD	Torodi Ar. Bea	115.47 2	ePKP15	ePKP15	11 34 44.3 -0.7
TORD	comp=Z,2.7nm,0.9s,baz=181,slow=4.0,SNR=9.3				
TORD	Torodi Ar. Bea	115.47 2	ePKP16	ePKP16	11 34 44.3 -0.7
TORD	comp=Z,2.7nm,0.9s,baz=181,slow=4.0,SNR=9.3				
TORD	Torodi Ar. Bea	115.47 2	ePKP17	ePKP17	11 34 44.3 -0.7
TORD	comp=Z,2.7nm,0.9s,baz=181,slow=4.0,SNR=9.3				
TORD	Torodi Ar. Bea	115.47 2	ePKP18	ePKP18	11 34 44.3 -0.7
TORD	comp=Z,2.7nm,0.9s,baz=181,slow=4.0,SNR=9.3				
TORD	Torodi Ar. Bea	115.47 2	ePKP19	ePKP19	11 34 44.3 -0.7
TORD	comp=Z,2.7nm,0.9s,baz=181,slow=4.0,SNR=9.3				
TORD	Torodi Ar. Bea	115.47 2	ePKP20	ePKP20	11 34 44.3 -0.7
TORD	comp=Z,2.7nm,0.9s,baz=181,slow=4.0,SNR=9.3				
TORD	Torodi Ar. Bea	115.47 2	ePKP21	ePKP21	11 34 44.3 -0.7
TORD	comp=Z,2.7nm,0.9s,baz=181,slow=4.0,SNR=9.3				
TORD	Torodi Ar. Bea	115.47 2	ePKP22	ePKP22	11 34 44.3 -0.7
TORD	comp=Z,2.7nm,0.9s,baz=181,slow=4.0,SNR=9.3				
TORD	Torodi Ar. Bea	115.47 2	ePKP23	ePKP23	11 34 44.3 -0.7
TORD	comp=Z,2.7nm,0.9s,baz=181,slow=4.0,SNR=9.3				
TORD	Torodi Ar. Bea	115.47 2	ePKP24	ePKP24	11 34 44.3 -0.7
TORD	comp=Z,2.7nm,0.9s,baz=181,slow=4.0,SNR=9.3				
TORD	Torodi Ar. Bea	115.47 2	ePKP25	ePKP25	11 34 44.3 -0.7
TORD	comp=Z,2.7nm,0.9s,baz=181,slow=4.0,SNR=9.3				
TORD	Torodi Ar. Bea	115.47 2	ePKP26	ePKP26	11 34 44.3 -0.7
TORD	comp=Z,2.7nm,0.9s,baz=181,slow=4.0,SNR=9.3				
TORD	Torodi Ar. Bea	115.47 2	ePKP27	ePKP27	11 34 44.3 -0.7
TORD	comp=Z,2.7nm,0.9s,baz=181,slow=4.0,SNR=9.3				
TORD	Torodi Ar. Bea	115.47 2	ePKP28	ePKP28	11 34 44.3 -0.7
TORD	comp=Z,2.7nm,0.9s,baz=181,slow=4.0,SNR=9.3				
TORD	Torodi Ar. Bea	115.47 2	ePKP29	ePKP29	11 34 44.3 -0.7
TORD	comp=Z,2.7nm,0.9s,baz=181,slow=4.0,SNR=9.3				
TORD	Torodi Ar. Bea	115.47 2	ePKP30	ePKP30	11 34 44.3 -0.7
TORD	comp=Z,2.7nm,0.9s,baz=181,slow=4.0,SNR=9.3				
TORD	Torodi Ar. Bea	115.47 2	ePKP31	ePKP31	11 34 44.3 -0.7
TORD	comp=Z,2.7nm,0.9s,baz=181,slow=4.0,SNR=9.3				
TORD	Torodi Ar. Bea	115.47 2	ePKP32	ePKP32	11 34 44.3 -0.7
TORD	comp=Z,2.7nm,0.9s,baz=181,slow=4.0,SNR=9.3				
TORD	Torodi Ar. Bea	115.47 2	ePKP33	ePKP33	11 34 44.3 -0.7
TORD	comp=Z,2.7nm,0.9s,baz=181,slow=4.0,SNR=9.3				
TORD	Torodi Ar. Bea	115.47 2	ePKP34	ePKP34	11 34 44.3 -0.7
TORD	comp=Z,2.7nm,0.9s,baz=181,slow=4.0,SNR=9.3				
TORD	Torodi Ar. Bea	115.47 2	ePKP35	ePKP35	11 34 44.3 -0.7
TORD	comp=Z,2.7nm,0.9s,baz=181,slow=4.0,SNR=9.3				
TORD	Torodi Ar. Bea	115.47 2	ePKP36	ePKP36	11 34 44.3 -0.7
TORD	comp=Z,2.7nm,0.9s,baz=181,slow=4.0,SNR=9.3				
TORD	Torodi Ar. Bea	115.47 2	ePKP37	ePKP37	11 34 44.3 -0.7
TORD	comp=Z,2.7nm,0.9s,baz=181,slow=4.0,SNR=9.3				
TORD	Torodi Ar. Bea	115.47 2	ePKP38	ePKP38	11 34 44.3 -0.7
TORD	comp=Z,2.7nm,0.9s,baz=181,slow=4.0,SNR=9.3				
TORD	Torodi Ar. Bea	115.47 2	ePKP39	ePKP39	11 34 44.3 -0.7
TORD	comp=Z,2.7nm,0.9s,baz=181,slow=4.0,SNR=9.3				
TORD	Torodi Ar. Bea	115.47 2	ePKP40	ePKP40	11 34 44.3 -0.7
TORD	comp=Z,2.7nm,0.9s,baz=181,slow=4.0,SNR=9.3				
TORD	Torodi Ar. Bea	115.47 2	ePKP41	ePKP41	11 34 44.3 -0.7
TORD	comp=Z,2.7nm,0.9s,baz=181,slow=4.0,SNR=9.3				
TORD	Torodi Ar. Bea	115.47 2	ePKP42	ePKP42	11 34 44.3 -0.7
TORD	comp=Z,2.7nm,0.9s,baz=181,slow=4.0,SNR=9.3				
TORD	Torodi Ar. Bea	115.47 2	ePKP43	ePKP43	11 34 44.3 -0.7
TORD	comp=Z,2.7nm,0.9s,baz=181,slow=4.0,SNR=9.3				
TORD	Torodi Ar. Bea	115.47 2	ePKP44	ePKP44	11 34 44.3 -0.7
TORD	comp=Z,2.7nm,0.9s,baz=181,slow=4.0,SNR=9.3				
TORD	Torodi Ar. Bea	115.47 2	ePKP45	ePKP45	11 34 44.3 -0.7
TORD	comp=Z,2.7nm,0.9s,baz=181,slow=4.0,SNR=9.3				
TORD	Torodi Ar. Bea	115.47 2	ePKP46	ePKP46	11 34 44.3 -0.7
TORD	comp=Z,2.7nm,0.9s,baz=181,slow=4.0,SNR=9.3				
TORD	Torodi Ar. Bea	115.47 2	ePKP47	ePKP47	11 34 44.3 -0.7
TORD	comp=Z,2.7nm,0.9s,baz=181,slow=4.0,SNR=9.3				
TORD	Torodi Ar. Bea	115.47 2	ePKP48	ePKP48	11 34 44.3 -0.7
TORD	comp=Z,2.7nm,0.9s,baz=181,slow=4.0,SNR=9.3				
TORD	Torodi Ar. Bea	115.47 2	ePKP49	ePKP49	11 34 44.3 -0.7
TORD	comp=Z,2.7nm,0.9s,baz=181,slow=4.0,SNR=9.3				
TORD	Torodi Ar. Bea	115.47 2	ePKP50	ePKP50	11 34 44.3 -0.7
TORD	comp=Z,2.7nm,0.9s,baz=181,slow=4.0,SNR=9.3				
TORD	Torodi Ar. Bea	115.47 2	ePKP51	ePKP51	11 34 44.3 -0.7
TORD	comp=Z,2.7nm,0.9s,baz=181,slow=4.0,SNR=9.3				
TORD	Torodi Ar. Bea	115.47 2	ePKP52	ePKP52	11 34 44.3 -0.7
TORD	comp=Z,2.7nm,0.9s,baz=181,slow=4.0,SNR=9.3				
TORD	Torodi Ar. Bea	115.47 2	ePKP53	ePKP53	11 34 44.3 -0.7
TORD	comp=Z,2.7nm,0.9s,baz=181,slow=4.0,SNR=9.3				
TORD	Torodi Ar. Bea	115.47 2	ePKP54	ePKP54	11 34 44.3 -0.7
TORD	comp=Z,2.7nm,0.9s,baz=181,slow=4.0,SNR=9.3				
TORD	Torodi Ar. Bea	115.47 2	ePKP55	ePKP55	11 34 44.3 -0.7
TORD	comp=Z,2.7nm,0.9s,baz=181,slow=4.0,SNR=9.3				
TORD	Torodi Ar. Bea	115.47 2	ePKP56	ePKP56	11 34 44.3 -0.7
TORD	comp=Z,2.7nm,0.9s,baz=181,slow=4.0,SNR=9.3				
TORD	Torodi Ar. Bea	115.47 2	ePKP57	ePKP57	11 34 44.3 -0.7
TORD	comp=Z,2.7nm,0.9s,baz=181,slow=4.0,SNR=9.3				
TORD	Torodi Ar. Bea	115.47 2	ePKP58	ePKP58	11 34 44.3 -0.7
TORD	comp=Z,2.7nm,0.9s,baz=181,slow=4.0,SNR=9.3				
TORD	Torodi Ar. Bea	115.47 2	ePKP59	ePKP59	11 34 44.3 -0.7
TORD	comp=Z,2.7nm,0.9s,baz=181,slow=4.0,SNR=9.3				
TORD	Torodi Ar. Bea	115.47 2	ePKP60	ePKP60	11 34 44.3 -0.7
TORD	comp=Z,2.7nm,0.9s,baz=181,slow=4.0,SNR=9.3				
TORD	Torodi Ar. Bea	115.47 2	ePKP61	ePKP61	11 34 44.3 -0.7
TORD	comp=Z,2.7nm,0.9s,baz=181,slow=4.0,SNR=9.3				
TORD	Torodi Ar. Bea	115.47 2	ePKP62	ePKP62	11 34 44.3 -0.7
TORD	comp=Z,2.7nm,0.9s,baz=181,slow=4.0,SNR=9.3				
TORD	Torodi Ar. Bea	115.47 2	ePKP63	ePKP63	11 34 44.3 -0.7
TORD	comp=Z,2.7nm,0.9s,baz=181,slow=4.0,SNR=9.3				
TORD	Torodi Ar. Bea	115.47 2	ePKP64	ePKP64	11 34 44.3 -0.7
TORD	comp=Z,2.7nm,0.9s,baz=181,slow=4.0,SNR=9.3				
TORD	Torodi Ar. Bea	115.47 2			

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

ISK 03 11:35:51.8, 39.30N, 136.49E, h5km, MD2.7
DDA 03 11:35:52.7, 39.28N, 136.51E, h7km, MD2.6

ISCJB 03 11:35:53.0, 39.30N, 136.49E, h5km, MD2.6, Error ellipse: s-maj=7.2km s-min=5.9km az=25.2
CSEM 03 11:35:53.4, 0.8, 39.35N, 136.43E, h5km, MD2.6, Error ellipse: s-maj=19.3km s-min=14.9km az=90.0

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

IDC 03 11:59:21.4, 1.2, 15.46S, 166.69E, h0km, mb3.8/5, mb1 4.2/8, mb1mx3.9/35, mbtm4.1/8, ML4.4/3, Error ellipse: s-maj=34.9km s-min=23.6km az=144.0

NEIC 03 11:59:23.0, 0.8, 15.46S, 166.63E, h10km, mb4.0/5, Error ellipse: s-maj=16.0km s-min=13.6km az=116.0

ISCJB 03 11:59:24.6, 0.8, 15.51S, 166.50E, 0.1, h29km, mb3.9/9, Error ellipse: s-maj=15.2km s-min=9.9km az=162.4

ISC 03 11:59:26.2, 0.9, 15.52S, 166.50E, 0.1, h29km, n15, c117/18, mb3.9/9, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DZM, CTAO, STKA, WRAB, WRA, ASAR, FITZ, CMAR, BMRM, ILAR, NVAR, TORO, etc.

IDC 03 12:03:00.3, 1.6, 1.91N, 66.43E, h0km, mb3.9/5, mb1 4.0/5, mb1mx3.6/39, mbtm3.9/5, Error ellipse: s-maj=59.6km s-min=25.5km az=52.0, Carlsberg Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H08N2, H08N3, H08N1, BRNR, ZALV, SONM, H01W3, H01W2, H01W1, WRA, ASAR, TXAR, etc.

ISCJB 03 12:07:04.0, 0.7, 40.59N, 131.13E, 0.05, h4km, 5km, Error ellipse: s-maj=7.4km s-min=5.9km az=173.3

ISK 03 12:07:03.6, 40.55N, 131.14E, h7km, MD2.5
CSEM 03 12:07:04.3, 0.2, 40.57N, 131.11E, h5km, MD2.4, Error ellipse: s-maj=5.3km s-min=4.2km az=165.0

DDA 03 12:07:04.3, 40.57N, 131.06E, h8km, MD2.4
ISC 03 12:07:04.3, 1.0, 40.57N, 131.11E, 0.03, h5km, 7km, n35, c064/43, Turkey

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

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

BUC 03 12:08:24.0, 0.6, 45.15N, 25.32E, h3km, MD2.3/6, C, Error ellipse: s-maj=6.5km s-min=1.3km az=359.0, Romania

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

IDC 03 12:09:04.0, 58.0, 60.58S, 157.08E, h0km, Error ellipse: s-maj=260.1km s-min=227.1km az=63.0, Macquarie Island region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like I55US, I05AU, I04AU, I07AU, etc.

DDA 03 12:14:50.3, 35.65N, 27.27E, h37km, MD3.2
ISK 03 12:14:51.9, 35.74N, 27.32E, h11km, MD3.4

ISCJB 03 12:14:52.1, 0.5, 35.62N, 27.30E, 0.03, h22km, 5km, Error ellipse: s-maj=7.0km s-min=4.6km az=167.9

CSEM 03 12:14:52.1, 0.2, 35.68N, 27.29E, h10km, ML3.2, Error ellipse: s-maj=6.6km s-min=4.0km az=170.0

THE 03 12:14:52.3, 35.68N, 27.34E, h4km, 6km, ML3.2/4, Error ellipse: s-maj=8.1km s-min=0.8km az=147.0

ISC 03 12:14:51.9, 0.9, 35.85N, 27.35E, 0.03, h16km, 8km, n68, c113/91, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KARP, ARG, NIS1, BODT, BDRM, DALY, TURN, YER, etc.

ISC 03 12:29:33.9, 37.22N, 28.21E, h7km, MD2.7
CSEM 03 12:29:34.5, 0.2, 37.22N, 28.21E, h2km, MD2.7, Error ellipse: s-maj=5.6km s-min=3.9km az=54.0

DDA 03 12:29:34.3, 37.22N, 28.18E, h7km, MD2.7
ISC 03 12:29:34.3, 1.1, 37.21N, 28.21E, 0.03, h7km, 9km, n20, c064/32, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YER, TURN, AYDN, BODT, DALY, etc.

ISC 03 12:29:36.8, 36.51N, 28.91E, h16km, MD3.1
ISCJB 03 12:29:37.1, 0.3, 36.49N, 28.87E, 0.04, h10km, 5km, Error ellipse: s-maj=9.2km s-min=4.9km az=12.4

CSEM 03 12:29:37.3, 0.4, 36.53N, 28.90E, h10km, MD2.6, Error ellipse: s-maj=8.7km s-min=4.5km az=18.0

DDA 03 12:29:37.8, 36.61N, 28.86E, h7km, MD2.6
ISC 03 12:29:38.6, 1.6, 36.51N, 28.85E, 0.03, h4km, 11km, n24, c064/41, Dodecanese Islands

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

ellipse: s-maj=3.6km s-min=2.8km az=162.0
ISC 03 12:16:13.0, 0.1, 37.25N, 0.03, 37.14E, 0.03, h9km, 9km, n32, c070/44, Turkey

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

ISC 03 12:21:33.9, 37.22N, 28.21E, h7km, MD2.7
CSEM 03 12:21:34.5, 0.2, 37.22N, 28.21E, h2km, MD2.7, Error ellipse: s-maj=5.6km s-min=3.9km az=54.0

DDA 03 12:21:34.3, 37.22N, 28.18E, h7km, MD2.7
ISC 03 12:21:34.3, 1.1, 37.21N, 28.21E, 0.03, h7km, 9km, n20, c064/32, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YER, TURN, AYDN, BODT, DALY, etc.

ISC 03 12:29:36.8, 36.51N, 28.91E, h16km, MD3.1
ISCJB 03 12:29:37.1, 0.3, 36.49N, 28.87E, 0.04, h10km, 5km, Error ellipse: s-maj=9.2km s-min=4.9km az=12.4

CSEM 03 12:29:37.3, 0.4, 36.53N, 28.90E, h10km, MD2.6, Error ellipse: s-maj=8.7km s-min=4.5km az=18.0

DDA 03 12:29:37.8, 36.61N, 28.86E, h7km, MD2.6
ISC 03 12:29:38.6, 1.6, 36.51N, 28.85E, 0.03, h4km, 11km, n24, c064/41, Dodecanese Islands

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

NNC 03 12:48:05.9, 1.6, 38.25N, 71.41E, h0km, mb3.9, mpv3.5, 7C-BD, Error ellipse: s-maj=15.1km s-min=5.3km az=157.0, Afghanistan-Tajistan border region

ISC 03 12:16:12.7, 0.9, 37.27N, 0.04, 37.14E, 0.05, h3km, 8km, Error ellipse: s-maj=6.9km s-min=5.4km az=42.5

DDA 03 12:16:12.6, 37.29N, 37.14E, h3km, MD2.8
ISK 03 12:16:12.3, 37.28N, 37.15E, h8km, MD3.1, Error ellipse: s-maj=6.9km s-min=5.4km az=42.5

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

mb1 3.5/1.1, mb1mx3.4/4, mbtmp3.9/11, MS2.8/1, Ms1 2.8/1, ms1mx2.4/3, Error ellipse: s-maj=45.0km s-min=19.4km az=23.0
 ISC/JB 03 15:54:14.8±0.5, 36.53N±0.04, 70.60E±0.08, h204km, mb3.5/6, Error ellipse: s-maj=9.0km s-min=5.1km az=179.6
 NNC 03 15:54:20.4±1.8, 36.97N±0.70, 47E, h201km±15km, mb3.2, mpv4.3, Error ellipse: s-maj=19.4km s-min=9.5km az=161.0

ISC 03 15:54:15.6±0.7, 36.52N±0.06, 70.62E±0.08, h204km, n32, r15/15/37, mb3.6/6, 6C-8D, Hindu Kush region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
DZET	Dzherino	2.69	329	Op	Pn	15 55 01.6	-0.3
DZET	50nm,0.4s						
DZET	142nm,0.6s					15 55 34.5	-3.1
CEP	Cherat	2.89	158	P	Pn	15 55 04.9	+0.6
CEP	50nm,0.5s					15 55 41.0	-0.8
CHCP	Chirah Chowk	3.58	142	P	Pn	15 55 13.2	+0.7
THWC	Thamme Wali	3.83	166	P	Pn	15 55 15.5	0.0
THWC	Sufi-Kurgan	4.17	32	Op	Pn	15 55 20.1	+0.4
SFK	26nm,0.5s						
SFK	19nm,0.3s					15 56 09.2	-0.5
AML	Almayshu	6.09	22	P	Pn	15 55 44.5	+0.1
AML	SNR=5						
MNAS	Manas	6.14	13	Op	Pn	15 55 44.8	+0.1
MNAS	11nm,0.3s					15 56 52.6	-2.6
KK31	Karatay Array	6.58	359	Op	Pn	15 55 50.1	-0.2
KK31	10nm,0.3s, baz=170, slow=7.2, SNR=748						
KK31	6.2nm,0.4s, baz=187, slow=2.2, SNR=11					15 56 57.7	-7.6
EKS2	Erkin-Say	6.60	21	P	Pn	15 55 51.1	+0.4
EKS2	SNR=36						
KZA	Kyzart	6.61	31	P	Pn	15 55 50.4	+0.7
KZA	SNR=15						
AAK	Ala-Archa	6.80	25	Op	Pn	15 55 53.5	+0.1
AAK	11nm,0.5s					15 57 07.6	-3.2
AAK	9.8nm,0.8s						
AAK	Ala-Archa	6.80	25	P	Pn	15 55 53.9	+0.6
AAK	SNR=13						
KBK	Karagaybulak	6.98	27	P	Pn	15 55 56.3	+0.6
KBK	SNR=21						
UHLS	Ulahoi	7.19	36	P	Pn	15 55 58.2	-0.1
UHLS	SNR=14						
CHMS	Chumysh	7.21	25	P	Pn	15 55 59.0	+0.5
CHMS	SNR=12						
TKM2	Tokmak 2	7.46	29	Op	Pn	15 56 01.9	+0.1
TKM2	54nm,0.5s						
TKM2	Tokmak 2	7.46	29	Pn	Pn	15 56 02.1	+0.3
TKM2	SNR=64						
MK31	Makanchi Array	13.46	37	Op	Pn	15 57 18.9	+0.4
MK31	1.8nm,0.6s, baz=224, slow=13, SNR=14						
MK31	Makanchi Array	13.46	37	P	Pn	15 57 18.1	-0.4
MK31	0.4nm,0.3s, baz=221, slow=14, SNR=18						
AB31	Akbulak array	14.92	332	Op	Pn	15 57 38.6	+1.5
AB31	2.0nm,0.6s, baz=142, slow=12, SNR=20						
KURB8	Kurchatov Arra	15.21	20	Op	Pn	15 57 39.7	-0.2
KURB8	0.1nm,0.3s, baz=208, slow=10, SNR=3.3						
BVAR	Borovoye Array	16.51	360	P	Pn	15 57 56.3	+0.8
BVAR	0.4nm,0.3s, baz=171, slow=10, SNR=6.8						
AKTO	Aktyubinsk	16.61	331	Op	Pn	15 57 57.0	+0.2
AKTO	6.3nm,0.5s						
AKTO	Aktyubinsk	16.61	331	Pn	Pn	15 57 56.5	-0.3
AKTO	0.9nm,0.3s, baz=140, slow=10, SNR=26						
AKTO	comp=Z, 2.33nm, 1.9, 1.5, baz=289, slow=6.2					15 05 57.9	
ZALV	Zalesov Beam	20.03	25	P	Pn	15 58 34.1	+1.4
ZALV	0.8nm,0.4s, baz=214, slow=13, SNR=3.9						
FINES	FINES Array B	37.30	326	P	Pn	16 01 08.7	+1.1
FINES	2.0nm,0.6s, baz=134, slow=9.2, SNR=8.8						
ARCES	ARCES Array B	41.01	328	P	Pn	16 01 04.1	+1.8
ARCES	0.9nm,0.5s, baz=111, slow=9.2, SNR=5.9						
NB2	NORSAR Subarra	44.18	323	P	Pn	16 02 04.7	+0.8
NB2	comp=Z, 1.1nm, 0.5s, baz=97, slow=7.9						
NOA	NORSAR Array B	44.18	323	P	Pn	16 02 04.7	+0.8
NOA	comp=Z, 1.1nm, 0.7s, baz=97, slow=7.9, SNR=7.5						
TORD	Torodi Arr. Bea	65.41	268	P	Pn	16 04 35.6	-1.1
TORD	comp=Z, 1.2nm, 0.4s, baz=51, slow=5.9, SNR=18						
WRA	Warramunga Arr	82.26	122	P	Pn	16 06 13.1	-1.2
WRA	comp=Z, 2.0nm, 0.9s, baz=320, slow=7, SNR=4.2						
AS42	Alice Springs	84.52	125	P	Pn	16 06 24.7	-1.0
AS42	comp=Z, 0.2nm, 0.2s, baz=316, slow=5.2, SNR=3.1						

ISC/JB 03 15:18:7.0±0.3, 39.92N±0.02, 29.16E±0.03, h0km, Error ellipse: s-maj=3.4km s-min=2.8km az=149.3
 DDA 03 15:18:5.3, 39.92N±0.19E, h7km, MD2.8
 ISK 03 15:18:7.3, 39.93N±0.17E, h5km, MD2.9
 CSEM 03 15:18:9.0±1.3, 39.92N±0.17E, h2km, MD2.8, Error ellipse: s-maj=2.7km s-min=2.2km az=148.0, Mining explosion.

ISC 03 15:18:7.0±0.3, 39.91N±0.02, 29.16E±0.02, h0km, n71, az=37/85, Turkey

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
ULDT	Uludag	0.23	355	Op	Pn	15 23 44.0	+2.2
ULDT	Uludag	0.23	355	P	Pn	15 23 44.0	+2.2
ORLT	Orhaneli	0.24	304	ePg	Pg	15 23 23.6	+0.2
ORLT	Orhaneli	0.24	304	ePg	Pg	15 23 23.6	+0.2
IZI	Iznik	0.49	29	ePg	Pg	15 25 28.0	-0.1
IZI	Iznik	0.49	29	ePg	Pg	15 25 28.0	-0.1
DST	Dursunbey	0.52	234	ePg	Pg	15 25 29.0	+0.3
DST	Dursunbey	0.52	234	ePg	Pg	15 25 29.0	+0.3
GEMT	Gemlik	0.52	2	ePg	Pg	15 25 29.2	+0.4
GEMT	Gemlik	0.52	2	ePg	Pg	15 25 29.2	+0.4
GEMT	Gemlik	0.52	2	ePg	Pg	15 25 36.9	+1.3
GEMT	Gemlik	0.52	2	ePg	Pg	15 25 39.8	+0.4
GEMT	Gemlik	0.52	2	ePg	Pg	15 25 43.7	+0.2
CAVI	Cavuskovy	0.60	61	ePg	Pg	15 30.0	+0.1
CAVI	Cavuskovy	0.60	61	ePg	Pg	15 30.0	+0.1
DURS	Dursunbey	0.61	240	iP	Pg	15 30.5	0.0
DURS	Dursunbey	0.61	240	iP	Pg	15 30.5	0.0
ADVT	Abdulvahap	0.68	40	ePg	Pg	15 32.3	+0.4
ADVT	Abdulvahap	0.68	40	ePg	Pg	15 32.3	+0.4
ARMT	Armutlu	0.69	341	ePg	Pg	15 31.6	-0.4
ARMT	Armutlu	0.69	341	ePg	Pg	15 31.6	-0.4
ARMT	Karacabey (Bur	0.71	300	ePg	Pb	15 33.2	-0.8
KCTX	Karacabey (Bur	0.71	300	ePg	Pb	15 33.2	-0.8
GDZ	Gezdir	0.86	163	iP	Pg	15 35.5	+0.3
GDZ	Gezdir	0.86	163	iP	Pg	15 35.5	+0.3
GDZ	Gezdir	0.86	163	iP	Pg	15 35.5	+0.3
DEMI	Demirci	0.93	202	iP	Pg	15 37.0	+0.4
DEMI	Demirci	0.93	202	iP	Pg	15 37.0	+0.4
DEMI	Demirci	0.93	202	iP	Pg	15 50.6	-0.2
DEMI	Demirci	0.93	202	iP	Pg	15 50.6	-0.2
GP1	Golpazari	0.96	66	ePg	Pg	15 38.5	+0.2
GP1	Golpazari	0.96	66	ePg	Pg	15 38.5	+0.2
HRT	Hereke	0.99	23	ePg	Pg	15 37.3	-0.4
HRT	Hereke	0.99	23	ePg	Pg	15 37.3	-0.4
BORA	Eskisehir	0.99	91	iP	Pg	15 36.7	-1.1
BORA	Eskisehir	0.99	91	iP	Pg	15 36.7	-1.1
BALB	Balikesir	1.02	255	ePg	Pb	15 39.3	0.0
BALB	Balikesir	1.02	255	ePg	Pb	15 39.3	0.0
EDC	Edincik	1.08	294	ePg	Pg	15 39.8	+0.2
EDC	Edincik	1.08	294	ePg	Pg	15 39.8	+0.2
GONE	Gonen-Balikesir	1.14	277	ePg	Pg	15 40.5	+0.1
GONE	Gonen-Balikesir	1.14	277	ePg	Pg	15 40.5	+0.1
ISK	Istanbul-Kandi	1.16	356	ePg	Pb	15 41.2	-0.3
ISK	Istanbul-Kandi	1.16	356	ePg	Pb	15 41.2	-0.3
GULT	Gulveren	1.16	63	ePg	Pb	15 41.5	-0.3
GULT	Gulveren	1.16	63	ePg	Pb	15 41.5	-0.3
SPNC	Sapanca-Adapaz	1.17	48	ePg	Pg	15 40.9	-0.1
SPNC	Sapanca-Adapaz	1.17	48	ePg	Pg	15 40.9	-0.1
BALY	Balya	1.20	262	iP	Pg	15 41.7	0.0
BALY	Balya	1.20	262	iP	Pg	15 41.7	0.0
BALY	Balya	1.20	262	iP	Pg	15 59.8	0.0
BALY	Balya	1.20	262	iP	Pg	15 59.8	0.0
SILT	Sile	1.29	16	ePg	Pn	15 43.7	+0.2
SILT	Sile	1.29	16	ePg	Pn	15 43.7	+0.2
KLYT	Kilyos	1.34	356	ePg	Pb	15 44.9	+0.1
KLYT	Kilyos	1.34	356	ePg	Pb	15 44.9	+0.1
ESKT	Eskisehir	1.36	106	ePg	Pn	15 44.9	+0.1
ESKT	Eskisehir	1.36	106	ePg	Pn	15 44.9	+0.1
ESKT	Eskisehir	1.36	106	ePg	Pn	15 63.9	0.0
ESKT	Eskisehir	1.36	106	ePg	Pn	15 63.9	0.0
SEYT	Eskypehr	1.36	106	iP	Pg	15 44.8	0.0
SEYT	Eskypehr	1.36	106	iP	Pg	15 44.8	0.0

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
SEVT	Eskypehr	1.36	106	iP	Pg	15 45 44.8	0.0
SEVT	Eskypehr	1.36	106	iP	Pg	15 45 44.8	0.0
MRMT	Marmara Adasi	1.38	300	ePn	Pn	15 45 43.3	-0.1
MRMT	Marmara Adasi	1.38	300	ePn	Pn	15 45 43.3	-0.1
CTKS	Kestaneli-77a	1.41	340	ePn	Pn	15 45 45.3	-0.4
CTKS	Kestaneli-77a	1.41	340	ePn	Pn	15 45 45.3	-0.4
KULA	Kula-Manisa	1.45	196	ePn	Pn	15 46.1	-0.2
KULA	Kula-Manisa	1.45	196	ePn	Pn	15 46.1	-0.2
AKHS	Akhisar	1.47	226	iP	Pg	15 46.1	-0.3
AKHS	Akhisar	1.47	226	iP	Pg	15 46.1	-0.3
AKHS	Akhisar	1.47	226	iP	Pg	15 46.1	-0.3
AKHS	Akhisar	1.47	226	iP	Pg	15 46.1	-

ARMA	Armidale	20.66 302	P	P	16 40 27.3	-0.1
ARMA	Armidale	20.66 302	eP	P	16 40 27.3	-0.1
ARMA	Armidale	20.66 302	eP	LR	16 40 36.1	
TOO	Tooolangi	20.86 277	P	P	16 40 28.1	-1.3
DZM	Mont Dumac	21.71 346	eP	P	16 40 36.4	-2.3
DZM	Mont Dumac	21.71 346	eP	LQ	16 44 41.5	
DZM	Mont Dumac	21.71 346	eP	LR	16 45 37.5	
DZM	Mont Dumac	21.71 346	P	P	16 40 36.3	-2.3
DZM	Mont Dumac	21.71 346	P	S	16 44 41.4	+1.9
DZM	Mont Dumac	21.71 346	P	LR	16 48 34.3	
DZM	Mont Dumac	21.71 346	P	P	16 40 36.1	-2.6
DZM	Mont Dumac	21.71 346	P	P	16 40 40.7	+2.0
DZM	Mont Dumac	21.71 346	P	S	16 44 41.4	+1.9
DZM	Mont Dumac	21.71 346	P	P	16 40 58.4	-2.0
CMISA	Cobar Meteorol	23.82 291	S	S	16 44 58.4	-2.0
ARPS	Mount Arapiles	23.85 276	P	P	16 40 59.8	-0.9
EIDS	Eidsvold	24.74 310	P	P	16 41 08.0	-1.0
EIDS	Eidsvold	24.74 310	P	P	16 41 04.7	-4.3
EIDS	Eidsvold	24.74 310	eP	P	16 41 09.5	+0.5
EIDS	Eidsvold	24.74 310	eP	LR	16 41 13.5	0.0
RMQ	Roma	25.24 304	P	P	16 41 28.3	+7.1
MSVF	Nonsavu	26.07 13	P	P	16 41 22.9	-1.6
STKA	Stevens Creek	26.46 286	P	P	16 46 03.6	+4.7
STKA	Stevens Creek	26.46 286	P	LR	16 50 10.8	
STKA	Stevens Creek	26.46 286	P	P	16 41 23.4	-1.2
STKA	Stevens Creek	26.46 286	P	P	16 41 23.4	-1.2
STKA	Stevens Creek	26.46 286	P	P	16 41 22.0	-2.5
STKA	Stevens Creek	26.46 286	P	P	16 41 25.5	+0.9
STKA	Stevens Creek	26.46 286	P	S	16 46 03.6	+4.7
HTT	Hallett	27.53 280	P	P	16 41 32.3	-2.0
QLP	Quilpie	28.00 298	P	P	16 41 38.1	-0.4
DRV	Dumont d'Urville	29.05 206	S	S	16 46 36.0	-3.0
DRV	Dumont d'Urville	29.05 206	S	R	16 49 00.0	
BBOW	Buckleboole	29.91 278	eP	P	16 41 50.8	-4.6
BBOW	Buckleboole	29.91 278	eP	LR	16 41 57.0	+1.6
CTA	Charters Tower	31.62 309	P	P	16 42 08.6	-1.9
CTA	Charters Tower	31.62 309	P	P	16 47 22.2	+2.1
CTA	Charters Tower	31.62 309	P	LR	16 53 58.8	
CTAO	Charters Tower	31.62 309	eP	P	16 42 10.7	+0.2
CTAO	Charters Tower	31.62 309	eP	LR	16 42 22.4	
CTAO	Charters Tower	31.62 309	eP	P	16 42 10.7	+0.2
CTAO	Charters Tower	31.62 309	eP	LR	16 42 22.4	
RAR	Rarotonga	32.31 56	P	P	16 42 17.0	+0.4
RAR	Rarotonga	32.31 56	P	S	16 47 37.3	+6.4
RAR	Rarotonga	32.31 56	P	LR	16 54 46.3	
AFI	Afiama	32.53 30	P	P	16 42 18.0	-0.6
AFI	Afiama	32.53 30	P	LR	16 54 32.5	
AFI	Afiama	32.53 30	P	P	16 42 18.0	-0.6
AFI	Afiama	32.53 30	P	MLR	16 42 20.4	+1.8
AFI	Afiama	32.53 30	eP	P	16 42 33.6	-0.1
AFI	Afiama	32.53 30	eP	P	16 42 35.2	0.0
VNDA	Vanda	34.51 184	P	P	16 48 09.7	+5.6
VNDA	Vanda	34.51 184	P	LR	16 55 33.8	
VNDA	Vanda	34.51 184	P	P	16 42 35.2	0.0
VNDA	Vanda	34.51 184	P	P	16 48 09.7	+5.6
VNDA	Vanda	34.51 184	P	MLR	16 42 30.6	-4.6
VNDA	Vanda	34.51 184	P	P	16 42 34.8	-0.4
VNDA	Vanda	34.51 184	eP	P	16 42 47.4	
VNDA	Vanda	34.51 184	eP	P	16 48 09.7	+5.6
SBA	Scott Base	34.66 182	eP	P	16 42 34.9	-1.6
SBA	Scott Base	34.66 182	eP	MLR	16 42 49.0	
SBA	Scott Base	34.66 182	eP	LR	16 42 49.0	
SBA	Scott Base	34.66 182	eP	LR	16 55 41.2	
HNR	Honiara	35.38 339	LR	LR	16 42 45.0	+1.7
HNR	Honiara	35.38 339	eP	P	16 42 45.0	+1.7
HNR	Honiara	35.38 339	eP	P	16 42 53.6	
HNR	Honiara	35.38 339	eP	P	16 42 53.8	-1.2
HNR	Honiara	35.38 339	eP	P	16 42 55.2	+0.2
HNR	Honiara	35.38 339	eP	LR	16 43 06.4	
AS01	Alice Springs	36.83 290	eP	P	16 42 53.6	-2.2
AS01	Alice Springs	36.83 290	eP	P	16 42 53.8	-2.2
AS31	Alice Springs	36.87 290	eP	P	16 42 51.6	-4.5
AS31	Alice Springs	36.87 290	eP	P	16 42 56.3	+0.2
ASAR	Alice Springs	36.87 290	eP	P	16 42 52.4	-3.7
ASAR	Alice Springs	36.87 290	eP	S	16 48 39.3	-1.9
ASAR	Alice Springs	36.87 290	eP	LR	16 57 00.6	
TBI	Tubuai	37.51 70	eP	P	16 43 02.6	+1.1
TBI	Tubuai	37.51 70	eP	T	17 21 24.0	
COEN	Coen	38.29 311	P	P	16 43 06.1	-1.9
COEN	Coen	38.29 311	P	P	16 42 59.1	-9.0
COEN	Coen	38.29 311	P	P	16 43 09.1	+1.0

COEN	Coen	38.29 311	P	LR	16 43 09.1	+1.0
WRA	Warramunga Arr	39.12 295	P	P	16 43 11.6	-3.5
WRA	Warramunga Arr	39.12 295	P	S	16 49 17.4	+2.1
WRA	Warramunga Arr	39.12 295	P	LR	16 58 21.6	
WRAB	Tennant Creek	39.12 295	eP	P	16 43 11.4	-3.6
WRAB	Tennant Creek	39.12 295	eP	P	16 43 11.9	-3.1
WRAB	Tennant Creek	39.12 295	eP	P	16 43 10.4	-4.6
WRAB	Tennant Creek	39.12 295	P	P	16 43 15.0	0.0
WRAB	Tennant Creek	39.12 295	P	LR	16 43 25.9	
CASY	Casey	39.91 214	P	P	16 43 16.3	-4.8
CASY	Casey	39.91 214	eP	P	16 43 20.9	-0.2
CASY	Casey	39.91 214	P	LR	16 43 20.5	-2.9
PMG	Port Moresby	40.12 320	P	P	16 49 28.7	-1.7
PMG	Port Moresby	40.12 320	P	LR	17 00 22.0	
PMG	Port Moresby	40.12 320	P	P	16 43 20.5	-2.9
PMG	Port Moresby	40.12 320	P	S	16 43 20.5	-2.9
PMG	Port Moresby	40.12 320	P	P	16 43 20.5	-2.9
PMG	Port Moresby	40.12 320	P	P	16 43 20.5	-2.9
PAE	Paea	41.38 64	eT	T	16 43 21.9	-1.5
PAE	Paea	41.38 64	eT	T	16 43 16.8	-6.6
PPT2	Papeete	41.43 64	eP	P	16 43 21.7	-1.7
PPT2	Papeete	41.43 64	eP	P	16 43 28.7	-1.7
PPT2	Papeete	41.43 64	eP	P	16 43 34.5	+0.2
PPT2	Papeete	41.43 64	eP	P	16 49 47.8	-2.2
PPT2	Papeete	41.43 64	eP	P	16 53 08.4	
PPT2	Papeete	41.43 64	eP	P	16 52 52.5	
PPT2	Papeete	41.43 64	eP	P	16 43 34.1	-0.2
PPT2	Papeete	41.43 64	eP	P	16 49 53.0	+2.8
PPT2	Papeete	41.43 64	eP	P	16 59 32.6	
PPT2	Papeete	41.43 64	eP	P	16 43 34.1	-0.2
PPT2	Papeete	41.43 64	eP	P	16 49 53.0	+2.8
PPT2	Papeete	41.43 64	eP	P	16 43 36.6	+2.3
PPT2	Papeete	41.43 64	eP	P	16 49 53.0	+2.8
PPT2	Papeete	41.43 64	eP	P	16 43 35.2	+0.3
PPT2	Papeete	41.43 64	eP	P	17 26 36.0	
TIAR	Tiare	41.60 64	eP	P	16 43 35.9	+0.2
TIAR	Tiare	41.60 64	eP	P	17 26 37.4	
MEH	Mehetia	42.22 66	eT	T	16 43 40.8	+0.1
MEH	Mehetia	42.22 66	eT	T	17 27 26.5	
RABL	Rabaul	42.75 330	P	P	16 43 43.6	-1.4
RKGY	Rocky Gully	42.90 263	P	P	16 43 44.5	-1.6
NWAO	Narrogin (SRO)	43.54 265	P	P	16 43 48.4	-2.9
NWAO	Narrogin (SRO)	43.54 265	P	P	16 43 39.3	
NWAO	Narrogin (SRO)	43.54 265	P	P	16 43 51.5	+0.2
NWAO	Narrogin (SRO)	43.54 265	P	P	16 43 49.0	-2.3
NWAO	Narrogin (SRO)	43.54 265	P	P	16 43 51.5	+0.2
NWAO	Narrogin (SRO)	43.54 265	P	P	16 43 51.4	-2.4
PMOR	Pomorie Ree	44.41 63	eP	P	16 43 58.4	0.0
PMOR	Pomorie Ree	44.41 63	eP	T	17 30 28.0	
VAH	Vaihoo	44.42 64	eP	P	16 43 58.2	-0.2
VAH	Vaihoo	44.42 64	eP	T	17 30 05.0	
TARA	Tarawa	44.52 1	eP	P	16 43 53.5	-5.7
TARA	Tarawa	44.52 1	eP	P	16 43 57.4	-1.8
H01W1	Cape Leeuwin H	44.81 261	P	P	16 44 02.4	+1.3
H01W2	Cape Leeuwin H	44.81 261	P	P	16 44 04.9	+3.7
H01W3	Cape Leeuwin H	44.81 261	P	P	16 44 04.9	+3.7
BLDU	Baldid	45.12 267	P	P	16 44 01.5	-2.5
KDU	Kakadu	45.65 300	P	P	16 44 05.6	-2.6
FITZ	Fitzroy Crossi	46.30 288	P	P	16 44 09.9	-3.5
FITZ	Fitzroy Crossi	46.30 288	P	LR	17 03 20.5	
FITZ	Fitzroy Crossi	46.30 288	eP	P	16 44 09.1	-4.3
FITZ	Fitzroy Crossi	46.30 288	P	P	16 44 13.0	-0.4
MORW	Morawa	46.45 269	P	P	16 44 11.8	-2.7
QSPA	South Pole Qui	46.77 180	P	P	16 44 16.3	-0.4
QSPA	South Pole Qui	46.77 180	eP	P	16 51 12.0	+5.0
QSPA	South Pole Qui	46.77 180	eP	LR	17 01 51.1	
QSPA	South Pole Qui	46.77 180	eP	P	16 44 10.6	-6.1
QSPA	South Pole Qui	46.77 180	eP	P	16 44 16.7	0.0
QSPA	South Pole Qui	46.77 180	eP	S	16 51 12.0	+5.0
MIR	Mirnyy	46.90 213	P	P	16 44 24.0	+6.5
RKT	Rikitea	47.93 83	eP	P	16 44 27.3	+1.2
RKT	Rikitea	47.93 83	eP	S	16 51 23.2	-1.0
RKT	Rikitea	47.93 83	eP	LQ	16 55 56.9	
RKT	Rikitea	47.93 83	eP	LR	16 57 43.2	
RKT	Rikitea	47.93 83	eP	T	17 34 25.4	
MWBA	Marble Bar	48.47 280	P	P	16 44 26.2	-4.0
MWBA	Marble Bar	48.47 280	eP	P	16 44 29.9	-0.3
MWBA	Marble Bar	48.47 280	eP	LR	16 44 41.3	

JAY	Jayapura	49.23 317	S	S	16 51 46.5	+3.8
JAY	Jayapura	49.23 317	S	LR	17 06 27.5	
PTCN	Pitcairn Island	50.30 88	P	P	16 44 45.1	+0.9
PTCN	Pitcairn Island	50.30 88	P	LR	16 44 51.1	-2.3
GIRL	Giralia	51.52 274	P	P	16 44 51.1	-2.3
KWAJ	Kwajalein Atol	52.06 355	eP	P	16 44 51.9	-5.4
KWAJ	Kwajalein Atol	52.06 355	eP	P	16 44 51.9	-5.4
KWAJ	Kwajalein Atol	52.06 355	eP	P	16 44 58.4	+1.0
KWAJ	Kwajalein Atol	52.06 355	eP	P	16 45 07.5	
XMAS	XMAS	52.93 40	eP	P	16 45 03.2	-0.7
XMAS	XMAS	52.93 40	eP	LR	16 45 02.3	-3.5
SOEI	Soe	53.16 294	eP	P	16 45 06.3	+0.5
SOEI	Soe	53.16 294	eP	LR	16 45 20.9	
BATI	Baumata	53.23 294	P	P	16 45 04.0	-2.2
BATI	Baumata	53.23 294	P	LR	17 07 33.3	
FAKI	Fak Fak	53.46 308	eP	P	16 45 07.2	-0.7
FAKI	Fak Fak	53.46 308	eP	P	16 45 03.4	-4.4
FAKI	Fak Fak	53.46 308	eP	P	16 45 08.1	+0.3
FAKI	Fak Fak	53.46 308	eP	LR	16 45 17.9	
TAOE	Nuku Hiva Isla	54.03 65	eP	P	16 45 13.5	+1.4
TAOE	Nuku Hiva Isla	54.03 65	eP	S	16 52 46.2	-2.8
TAOE	Nuku Hiva Isla	54.03 65	eP	SS	16 56 31.7	+1.3
TAOE	Nuku Hiva Isla	54.03 65	eP	LQ	16 58 17.1	
TAOE	Nuku Hiva Isla	54.03 65	eP	LR	17 00 43.7	
MMRI	Maumere	55.33 294	eP	P		

Table with columns for station code, name, frequency, and various performance metrics (SNR, P, PFAKE, etc.). Includes stations like KSSKC Sokoko, LAMP Lampong, INCN Inchon, WHN Wuhan, etc.

Table with columns for station code, name, frequency, and various performance metrics. Includes stations like TIA comp=Z,43um,22.0s, DL2 Dalian, DL2 Dalian, etc.

Table with columns for station code, name, frequency, and various performance metrics. Includes stations like PETK comp=Z,12nm,1.1s, HABR Khabarovsk, BJT Bajijatuau, etc.

ARVC	Arvin	100.38	51	PKIKP	PP	16 53 42.4 +1.2
LZH	Lanzhou	100.40	310	eP	Pdif	16 49 37.7 +3.2
LZH				pP	pP	16 49 42.6 +6.7
LZH				sP	sP	16 49 46.4 +1.0
LZH				eP	eP	16 53 46.3 +4.9
LZH				sS	sS	17 01 09.5 -1.8
LZH				sS	sS	17 01 20.4 +6.8
LZH	comp=Z,420nm,1.2s			PMZ		
LZH	comp=Z,3um,4.9s			PMZ		
LZH	comp=Z,9um,17.0s			LE		
LZH	comp=Z,32um,18.4s			LZ		
LZH	comp=Z,29um,18.6s			LZ		
BFSO	Mount Baldy Ra	100.42	53	PKIKP	PP	16 53 42.1 +0.5
BTO	Batout	100.48	317	eP	Pdif	16 49 36.9 +2.2
SWSC	Sam W. Stewart	100.59	55	PKIKP	PP	16 53 42.6 -0.2
PFO	Pinyon Flat Ob	100.67	54	eP	Pdif	16 49 36.2 +0.4
PFO	comp=Z,38nm,1.4s			pmax	pmax	
PFO	comp=Z,120um,20.0s			MLR	MLR	
PFO	Pinyon Flat Ob	100.67	54	PKIKP	PP	16 53 43.1 -0.5
PFO	Pinyon Flat Ob	100.67	54	ePdif	Pdif	16 49 36.2 +0.4
PFO	comp=Z,38nm,1.4s			eP	PP	16 53 38.7 -4.8
PFO	comp=Z,120um,20.0s			eP	PP	16 53 38.7 -4.8
EDW2	Edwards Air Fo	100.69	52	PKIKP	PP	16 53 43.7 +0.2
VES	Vestal, Richgr	100.75	51	PKIKP	PP	16 53 44.9 +0.9
NSHM	Saint Helena R	100.78	47	ePP	PP	16 53 43.2 -0.9
BBRC	Big Bear Solar	100.86	53	PKIKP	PP	16 53 45.3 +0.2
HOPS	Hopland	100.88	46	ePP	PP	16 53 47.8 +2.9
HOPS	comp=Z,102um,20.0s			eP	PP	16 53 47.8 +2.9
CHLP	Challavangeta	100.94	285	ePdif	Pdif	16 49 32.6 -4.6
ISA	Isabella	100.97	51	eP	Pdif	16 49 36.5 -0.5
ISA	Isabella	100.97	51	PKIKP	PP	16 53 46.2 +0.5
ISA	Isabella	100.97	51	ePdif	Pdif	16 49 36.5 -0.5
ISA	Isabella	100.97	51	ePP	PP	16 53 46.1 +0.4
RCTC	Rector, Farmer	101.00	50	PKIKP	PP	16 53 46.4 +0.6
SDPT	Sand Point	101.10	16	PFAKE	LR	16 49 50.0 +1.3
KCPM	Cahto Peak	101.13	45	PFAKE	LR	16 49 50.0 +1.2
BELC	Belle Mtn. Jos	101.22	54	PKIKP	PP	16 53 47.6 -0.1
GLA	Glamis	101.25	55	eP	Pdif	16 49 41.1 +2.9
GLA	Glamis	101.25	55	eP	Pdif	16 53 48.7
GLA	Glamis	101.25	55	PKIKP	PP	16 53 48.1 +0.3
GLA	Glamis	101.25	55	ePdif	Pdif	16 49 41.1 +2.9
GLA	Glamis	101.25	55	ePP	PP	16 53 48.7 +0.9
RRX	Edison Barstow	101.26	52	PKIKP	PP	16 53 47.4 -0.4
LRMC	Laurel Mountai	101.28	52	PKIKP	PP	16 53 47.2 -0.9
SPIA	Saint Paul Isl	101.29	10	PFAKE	LR	16 49 50.0 +1.2
BC3	Big Chuckawall	101.30	54	PKIKP	PP	16 53 48.0 -0.3
HEC	Hector,Ludlow	101.61	53	PKIKP	PP	16 53 50.6 0.0
CMB	Columbia Colle	101.61	48	eP	Pdif	16 49 38.8 -1.0
CMB	comp=Z,20nm,1.2s			pmax	pmax	16 53 51.1
CMB	comp=Z,116um,19.0s			MLR	MLR	
CMB	Columbia Colle	101.61	48	ePdif	Pdif	16 49 38.8 -1.0
CMB	comp=Z,20nm,1.2s			eP	PP	16 53 51.1 +0.6
CMB	comp=Z,116um,19.0s			eP	PP	16 53 51.1 +0.6
GSC	Goldstone	101.67	52	eP	Pdif	16 49 40.1 0.0
GSC	Goldstone	101.67	52	PKIKP	PP	16 53 51.3 +0.3
GSC	Goldstone	101.67	52	ePdif	Pdif	16 49 40.1 0.0
214A	Organ Pipe Nat	101.70	57	PKIKP	PP	16 53 51.3 0.0
214A	Organ Pipe Nat	101.70	57	ePdif	Pdif	16 49 38.0 -2.3
CWC	Cottonwood Cre	101.75	51	PKIKP	PP	16 53 51.3 -0.4
MPMC	Manual Prospec	101.81	51	PKIKP	PP	16 53 52.0 -0.3
PVM	Polaravam	101.83	282	ePdif	Pdif	16 49 36.5 -4.6
IRM	Iron Mountain	101.83	54	PKIKP	PP	16 53 51.1 -1.0
H04A	Darwin (Calif)	101.91	51	ePP	PP	16 53 54.2 +1.2
DAC	comp=Z,112um,19.0s			eP	PP	16 53 56.4 +3.4
KHMM	Horse Mountain	101.93	44	ePP	PP	16 53 56.4 +3.4
GMRC	Granite Mounta	101.97	53	PKIKP	PP	16 53 52.2 -1.1
OHCN	Honcut	101.97	47	ePP	PP	16 53 54.6 +1.6
ADKI	Adanki	102.08	290	ePdif	Pdif	16 49 38.2 -4.0
BOSA	Boshof	102.10	210	eP	Pdif	16 49 41.5 -1.0
BOSA	comp=Z,3.8nm,0.9s,baz=136,slow=2.3,SNR=5.0			PP	PP	16 53 54.5 +1.5
BOSA	comp=Z,5.3nm,0.9s,baz=126,slow=8.3,SNR=3.5			PP	PKKPbc	17 05 46.2 +1.6
BOSA	comp=Z,3.0nm,0.9s,baz=297,slow=4.5,SNR=3.2			eP	Pdif	16 49 41.5 -1.0
BOSA	comp=Z,4.0nm,0.9s			pmax	pmax	
BOSA	comp=Z,3.0nm,0.9s			pmax	pmax	
BOSA	Boshof	102.10	210	ePdif	Pdif	16 49 42.2 -0.3
BOSA	comp=Z,103			PKKPbc	PKKPbc	17 05 46.2 +1.6
BOSA	comp=Z,76um,19.0s			LR	LR	
TIN	Tinemaha	102.10	50	PKIKP	PP	16 53 54.4 +0.2
MTUM	Tungsten Hills	102.13	50	ePP	PP	16 53 57.8 +3.2
MLAC	Mammoth Lakes	102.18	49	PKIKP	PP	16 53 54.5 -0.5
TUQ	Turquoise Moun	102.27	53	PKIKP	PKIKP	16 53 54.8 -1.0
WDC	Whiskeytown Da	102.33	45	eP	Pdif	16 49 42.3 -0.5
WDC	comp=Z,110um,20.0s			eP	PP	16 53 55.7
WDC	Whiskeytown Da	102.33	45	ePdif	Pdif	16 49 42.3 -0.5
WDC	comp=Z,110um,20.0s			ePP	PP	16 53 55.7 -0.1
FURC	Furnace Creek,	102.46	51	PKIKP	PP	16 53 55.0 -1.8
WAKR	Walker	102.47	48	ePP	PP	16 53 58.6 +1.4
LDFC	Landfair	102.50	53	ePdif	Pdif	16 49 46.0 +2.2
O03D	Paynes Creek	102.50	46	PKIKP	PP	16 53 53.2 -3.9
PDMCI	Parker Dam,Lak	102.53	55	PKIKP	PP	16 53 53.3 -4.0
N02D	Trinity Center	102.53	45	PKIKP	PP	16 53 55.9 -1.5
GRAC	Grapevine Rang	102.55	51	PKIKP	PP	16 53 54.2 -3.3
RCLA	Rachleria	102.55	279	ePdif	Pdif	16 49 40.1 -4.3
KBO	Bosley Butte	102.67	43	PFAKE	LR	16 50 00.0 +1.6
M02C	Callahan	102.76	44	PKIKP	PP	16 53 57.2 -1.8
HIA	Hailar	102.94	328	PFAKE	PP	16 50 00.0 +1.5

HIA	comp=Z,54um,22.0s			LR	LR	
L02D	Cave Junction,	102.94	44	PKIKP	PP	16 53 57.5 -2.9
NJS	Nagarjunasagar	103.03	280	ePdif	Pdif	16 49 42.2 -4.3
NV01	Mina Array Sit	103.04	49	ePdif	Pdif	16 49 49.2 +2.9
NV01				ePP	PKIKP	16 54 06.7 +0.5
NVAR	Mina Array Ba	103.04	49	ePdif	Pdif	16 49 46.0 -0.3
NVAR	comp=Z,0.8nm,1.0s,baz=222,slow=8.0,SNR=4.6			PP	PP	16 54 01.4 -0.1
NVAR	comp=Z,1.7nm,0.9s,baz=220,slow=6.5,SNR=3.1			PKKPbc	PKKPbc	17 05 41.3 -1.3
NVAR	comp=Z,0.7nm,0.8s,baz=107,slow=1.2,SNR=2.8			PKKPbc	PKKPbc	17 05 41.3 -1.3
YBH	Yreka Blue Hor	103.08	44	PFAKE	LR	16 50 00.0 +1.4
YBH	comp=Z,104um,20.0s			LR	LR	
KEBM	Edson Butte	103.11	43	PFAKE	LR	16 50 00.0 +1.4
KEBM	comp=Z,136um,21.0s			LR	LR	
TPNV	Topopah Spring	103.15	51	eP	Pdif	16 49 52.3 +5.5
TPNV	Topopah Spring	103.15	51	PKIKP	PP	16 49 58.7 -3.5
TPNV	Topopah Spring	103.15	51	ePdif	Pdif	16 49 52.2 +5.5
BOK	Bokaro	103.18	290	eP	Pdif	16 49 45.7 -1.3
BOK	comp=Z,50nm,8.2s			AMB	AMB	16 54 08.3
URV	Uravakonda	103.44	278	ePdif	Pdif	16 49 43.8 -4.5
SHPR	Sheep Range	103.46	52	ePdif	Pdif	16 49 47.6 -0.6
SHPR				ePP	PKIKP	16 54 06.2 -0.7
M04C	Macdoel	103.56	45	PKIKP	PP	16 54 02.0 -3.2
HUMO	Hull Mountain	103.60	44	ePdif	Pdif	16 49 46.0 -2.4
HUMO				ePP	PP	16 54 06.8 0.0
HUMO	comp=Z,161um,22.0s			LR	LR	
LSA	Lhasa	103.61	298	eP	Pdif	16 49 49.2 -0.1
LSA	comp=Z,33um,22.0s			MLR	MLR	
LSA	Lhasa	103.61	298	ePdif	Pdif	16 49 49.2 -0.1
LSA	comp=Z,33um,22.0s			eP	PP	16 49 49.2 -0.1
HYB	Hyderabad	104.14	281	i Pdif	Pdif	16 49 52.0 +0.6
HYB				eSKS	SKS	17 00 20.0
HYB	comp=Z,63nm,20.0s			eP	AMB	17 39 20.0
HYB	Hyderabad	104.14	281	eP	Pdif	16 49 48.5 -2.9
HYB	comp=Z,63nm,0.0s			eP	AMB	16 54 39.9
HYB	Hyderabad (bro	104.14	281	ePdif	Pdif	16 49 46.7 -4.7
HYB				ePP	PKIKP	16 54 03.9 -4.6
HYB				eSKSac	SKSac	17 00 26.4 -5.9
ODAN	Odare	104.19	293	eP	PKIKP	16 53 54.1 -1.5
I03D	Drain, OR	104.20	43	PKIKP	PKIKP	16 54 04.9 -2.9
K04D	Chiloquin, OR	104.22	44	PKIKP	PKIKP	16 54 04.1 -4.0
TAPN	Taplejuq	104.30	294	eP	PKIKP	16 53 49.5 -1.9
TAPN	comp=Z,135nm,1.2s			LR	LR	
OTAV	Otavallo	104.36	104	PFAKE	LR	16 50 00.0 +6.8
OTAV	comp=Z,47um,21.0s			LR	LR	
OHAK	Old Harbor	104.38	19	PFAKE	LR	16 50 00.0 +8.6
OHAK	comp=Z,134um,21.0s			LR	LR	
MOD	Modoc	104.44	46	PFAKE	LR	16 50 00.0 +7.6
MOD	comp=Z,129um,20.0s			LR	LR	
J04D	Umpqua Nationa	104.48	44	PKIKP	PKIKP	16 54 05.3 -3.4
R11A	Troy Canyon, C	104.50	51	PKIKP	PKIKP	16 54 05.4 -3.5
R11A	Troy Canyon, C	104.50	51	ePdif	Pdif	16 49 56.6 +3.9
R11A	comp=Z,88um,22.0s			LR	LR	
RPR	Rampur	104.55	282	ePdif	Pdif	16 49 48.5 -4.7
I04A	Tendick Farm,	104.74	43	PKIKP	PKIKP	16 54 06.4 -2.5
RAMN	Ramite	104.78	293	eP	PKIKP	16 53 58.6 -1.1
COR	Corvallis	104.87	42	PFAKE	LR	16 54 20.0
COR	comp=Z,194um,22.0s			LR	LR	
J05D	Fort Rock, OR	104.96	44	PKIKP	PKIKP	16 54 07.8 -1.7
WUAZ	Wupatki	105.01	55	PKIKP	PKIKP	16 54 07.5 -2.3
WUAZ	comp=Z,96um,20.0s			LR	LR	
WUAZ	Wupatki	105.01	55	PFAKE	LR	16 54 20.0
BMN	Battle Mountai	105.05	48	PFAKE	LR	16 54 20.0
BMN	comp=Z,128um,18.0s			LR	LR	
KDAK	Kodiak Island	105.05	19	PFAKE	LR	16 54 20.0
KDAK	comp=Z,135um,21.0s			LR	LR	
121A	Cookes Peak, D	105.22	60	Pdif	Pdif	16 49 52.6 -3.5
LBTB	Lobatse	105.24	211	PFAKE	LR	16 54 20.0
LBTB	comp=Z,66um,19.0s			LR	LR	
SRSP	Srinagar	105.28	282	ePdif	Pdif	16 49 51.7 -4.8
G03D	McMinnville, O	105.45	42	Pdif	Pdif	16 49 54.0 -2.0
H04A	Detroit Lake	105.49	43	ePP	PP	16 54 22.6 +3.2
H04A	comp=Z,135um,22.0s			LR	LR	
J05D	Terrebonne, OR	105.66	43	Pdif	Pdif	16 49 55.9 -1.8
WVOR	Wild Horse Val	105.69	46	eP	Pdif	16 49 57.4 -0.5
WVOR	comp=Z,106			e	MLR	16 54 25.3
WVOR	Wild Horse Val	105.69	46	ePdif	Pdif	16 49 57.4 -0.5
WVOR	comp=Z,92um,21.0s			e	MLR	16 54 25.3
F03A	Seaside	105.73	41	PFAKE	LR	16 54 20.0
F03A	comp=Z,124um,20.0s			LR	LR	
W18A	Petrified Fore	105.73	57	Pdif	Pdif	16 49 55.2 -3.2
W18A	Petrified Fore	105.73	57	ePP	PP	16 54 22.8 +1.2
TXAR	Lajitas Array	105.76	65	Pdif	Pdif	16 50 00.1 +1.6
TXAR	comp=Z,0.2nm,0.4s,baz=163,slow=3.3,SNR=1.9			PP	PP	16 54 21.7 0.0
TXAR	comp=Z,4.7nm,1.0s,baz=201,slow=6.7,SNR=4.4			PP	PKKPbc	17 05 31.5 -2.4
GUN	Gumba	105.89	293	eP	PKIKP	16 54 00.3 -1.2
KLRI	Killari	10				

3d 16h

Table with columns: HLID, Name, comp-Z, 16h, Pdiff, Pdif, 16.50, 11.8, +0.4. Includes entries like Hailey, Mertzon, Toone Canyon, Susitna One, etc.

Table with columns: ABTX, Name, comp-Z, 6.6nm, 0.3s, baz=93, slow=5.7, SNR=8.4. Includes entries like Abilene, Hawle, Red Top Meadow, Teton Pass, etc.

Table with columns: R26A, Name, 111.64, 57, Pdiff, Pdif, 16.50, 22.2, -2.8. Includes entries like Arlington, Seelye Lake, Blacktail Moun, etc.

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Table with columns: ID, Name, Time, Date, Status, and other identifiers. Includes entries like I34A Hadley, J35A Milford, A28A Rude Farm, etc.

Table with columns: ID, Name, Time, Date, Status, and other identifiers. Includes entries like SMDO Samad, WCI Wyandotte Cave, ULM Lac du Bonnet, etc.

Table with columns: ID, Name, Time, Date, Status, and other identifiers. Includes entries like BRVK comp=Z,43um,22.0s, SSPA Standing Stone, IAKL Akhmedal, etc.

EATA	Eleskirt	142.48 282	iP	PKPpre	16 55 14.2
ZEI	Tsey	142.52 288	iPKIKP	PKKpDf	16 55 20.4 0.0
EKAR	Karacaban	142.56 281	iP	PKKpDf	16 55 17.2 -3.4
MARD	Mardin	142.69 278	iP	PKKpDf	16 55 15.4 -5.4
SVAN	Silvan-Diyarba	142.74 279	eP	PKKpDf	16 55 16.8 -4.0
ONI	Oni	142.77 287	eP	PKKpDf	16 55 17.7 -3.1
ONJ	Oni	142.77 287	ePKIKP	PKKpDf	16 55 17.6 -3.1
SNFV	Sufian	142.79 276	eP	PKKpPre	16 55 15.3
LIC	Lamto	142.81 185	ePKP1	PKKpDf	16 55 21.8 0.0
comp-Z,333nm,1.2s					
NCK	Natchik	142.96 289	ePKIKP	PKKpK	16 55 18.4 -5.7
HOMI	Horasan	142.97 282	iP	PKKpDf	16 55 18.1 -3.3
MAZI	Mazidag	142.99 278	eP	PKKpDf	16 55 16.3 -5.0
KIC	Kosan Boka	143.03 186	ePKP1	PKKpAb	16 55 16.3 -0.9
comp-Z,256nm,0.9s					
BNGL	BINGOL	143.09 280	iP	PKKpK	16 55 19.7 +1.2
ASF	Abal al Asfar	143.12 268	PKhKP	PKKpPre	16 55 16.6
comp-Z,12nm,1.0s,baz=126,slow=3.1,SNR=12					
ZALF	Zalf	143.18 269	eP	PKKpAb	16 55 15.3 -2.0
ZALF	Zalf	143.18 269	eP	PKKpDf	17 04 29.9 -4.3
Elat	Elat	143.27 287	eP	PKKpAb	16 55 18.2 -0.5
EIL	Elat	143.21 263	PKhKP	PKKpPre	16 55 16.6
comp-Z,142nm,1.2s,baz=85,slow=1.8,SNR=12					
ERZM	Erzurum	143.30 282	iP	PKKpDf	16 55 21.3 -0.6
EZM	Erzurum	143.30 282	eP	PKKpAb	16 55 17.3 -0.6
TIC	Toumudi	143.33 185	ePKP1	PKKpAb	16 55 18.6 -0.2
DBIC	Dimbrok	143.35 185	PKhKP	PKKpPre	16 55 17.2
comp-Z,12nm,0.5s,baz=149,slow=4.4,SNR=9.7					
DBIC	Dimbrokro	143.35 185	ePKP1	PKKpDf	16 55 23.1 +0.6
comp-Z,114um,20.0s					
ARTV	Artvin	143.36 284	iP	PKKpAb	16 55 17.9 -0.1
DEEM	Demirkent	143.39 284	iP	PKKpAb	16 55 19.3 +0.2
DYBB	Diyarbakir	143.42 278	eP	PKKpAb	16 55 18.1 -0.1
DIYA	Diyarbakir	143.42 278	eP	PKKpAb	16 55 19.9 +0.7
DNBG	Bing'ZURUM	143.44 280	eP	PKKpAb	16 55 18.7 +0.4
ENAD	Bademkaya	143.47 284	iP	PKKpAb	16 55 18.0 -0.3
KBS	Kingsbaya	143.49 354	ePKP1	PKKpAb	16 55 15.4 -1.8
KBS	Kingsbaya	143.49 354	ePKIKP	PKKpDf	16 55 20.8 0.0
comp-Z,47um,20.0s					
KBS	Kingsbaya	143.49 354	ePKP1	PKKpDf	16 55 20.8 0.0
comp-Z,47um,20.0s					
NEY	Neytrino	143.49 288d	iPKIKP	PKKpAb	16 55 17.8 -0.6
comp-Z,10um,18.0s					
KBZ	Khabaz	143.52 289	PKhKP	PKKpPre	16 55 16.8
comp-Z,24nm,0.8s,baz=89,slow=2.8,SNR=14					
SALA	Sala	143.52 289	eP	PKKpAb	16 55 15.6 -3.2
DBOC	Borcka	143.60 284	iP	PKKpAb	16 55 17.8 -0.9
BCA	Borcka	143.67 285	eP	PKKpAb	16 55 18.6 -0.4
KIV	Kislovodsk	143.73 289	eP	PKKpAb	16 55 20.1 +0.1
KIV	Kislovodsk	143.73 289	ePKIKP	PKKpDf	16 55 20.1 +0.1
comp-Z,35um,22.0s					
KIV	Kislovodsk	143.73 289	ePKP1	PKKpDf	16 55 22.1 -0.3
comp-Z,36um,21.0s					
SPA0	Spitsbergen Ar	143.74 352	ePKP1	PKKpAb	16 55 14.1 -4.1
SPITS	Spitsbergen Ar	143.74 352	PKhKP	PKKpPre	16 55 14.0
comp-Z,16nm,0.5s,baz=74,slow=6.2,SNR=8.5					
CHVG	Ch'k'valeri	143.77 287	eP	PKKpAb	16 55 17.6 -1.7
CHVG	Ch'k'valeri	143.77 287	eP	PKKpDf	16 55 25.5 +3.1
ROOS	Il_aalroos	143.82 271	eP	PKKpDf	16 55 21.0 +0.5
ROOS	Il_aalroos	143.82 271	eP	PKKpDf	16 55 20.2 -4.2
HOPEN	Hopen	143.94 347	ePKP1	PKKpAb	16 55 18.2 -0.7
KOFT	Kop Dag	143.96 282	iP	PKKpAb	16 55 20.0 -0.4
RABH	Abou Rabah	144.01 271	eP	PKKpDf	16 55 22.6 -0.6
TCHB	Talchebab	144.05 268	eP	PKKpAb	16 55 20.4 -0.3
TCHB	Talchebab	144.05 268	eP	PKKpDf	16 55 36.2 +4.1
TOTH	TOTAH	144.06 269	eP	PKKpDf	16 55 22.6 -0.7
TOTH	TOTAH	144.06 269	eP	PKKpDf	16 55 33.2 +1.1
URFA	Urfa	144.15 277	eP	PKKpAb	16 55 20.6 -0.4
SVRC	Sivrice-ELAZID	144.19 279	eP	PKKpAb	16 55 21.0 -0.3
QASNO	Qassiun	144.25 269	eP	PKKpAb	16 55 21.5 0.0
SLMH	Al Salmeh	144.29 274	eP	PKKpAb	16 55 21.2 -0.2
SLMH	Al Salmeh	144.29 274	eP	PKKpDf	16 55 29.9 -1.9
PTK	Pertek	144.33 279	eP	PKKpAb	16 55 21.7 -0.1
AYD	Ayd'ntepe-Bay	144.35 282	eP	PKKpAb	16 55 21.4 -0.2
ERZN	Erzincan	144.36 281	eP	PKKpDf	16 55 24.4 +0.8
UZUM	Uzumlu	144.42 281	iP	PKKpDf	16 55 23.4 -0.3
BRBR	Barbar	144.43 269	eP	PKKpAb	16 55 22.0 -0.3
BRBR	Barbar	144.43 269	eP	PKKpDf	16 55 34.2 +2.6
ELAZ	Elazig	144.47 279	iP	PKKpDf	16 55 27.1 -0.6
ATAB	Atabozva	144.52 278	iP	PKKpDf	16 55 22.9 -0.9
HAWK	Haweek	144.63 271	eP	PKKpAb	16 55 21.8 -1.1
HAWK	Haweek	144.63 271	eP	PKKpDf	16 55 34.1 +3.0
MMAI	Mount Meron Ar	144.64 268	PKhKP	PKKpPre	16 55 19.6
comp-Z,18nm,0.6s,baz=96,slow=6.2,SNR=28					
KFRA	Kufra	144.66 272	eP	PKKpAb	16 55 22.8 -0.1
KFRA	Kufra	144.66 272	eP	PKKpDf	16 55 34.4 +3.3
MACK	Trabzon	144.81 283	iP	PKKpAb	16 55 23.2 -0.1
KTUT	Trabzon	144.83 283	eP	PKKpAb	16 55 22.2 -1.0
HSPB	Hornsund (broa	144.85 351	eP	PKKpAb	16 55 20.3 -2.0
HWQ	Hawaqa	144.85 269	eP	PKKpAb	16 55 23.9 -0.2
QORL	Deir Qamar	144.89 269	eP	PKKpAb	16 55 23.4 -0.3
BHL	Bhannes	144.89 269	eP	PKKpAb	16 55 23.3 -0.6
KELT	Kelkit	144.90 281	iP	PKKpAb	16 55 23.7 -0.1
BIDA	Albida	144.92 272	eP	PKKpAb	16 55 22.6 -1.4
BIDA	Albida	144.92 272	eP	PKKpDf	16 55 34.6 +4.1
BEIRU	Beirut	145.16 278	iP	PKKpDf	16 55 23.1 -0.9
GEZT	Gaziantep	145.04 276	eP	PKKpAb	16 55 23.2 -1.2
WRDH	Waridhe	145.08 272	eP	PKKpAb	16 55 23.6 -0.8
WRDH	Waridhe	145.08 272	eP	PKKpDf	16 55 35.4 +2.0
KEMA	Kemaliye	145.12 280	iP	PKKpAb	16 55 23.7 -0.1
KUZU	Kuzumi	145.15 275	iP	PKKpAb	16 55 23.5 -1.1
AKCD	Akadag	145.16 278	iP	PKKpDf	16 55 27.9 +1.2
HCB	Kahramanmara	145.51 276	iP	PKKpDf	16 55 24.7 -0.9
YAYL	Yayladag	145.53 273	iP	PKKpDf	16 55 25.6 -0.2
KMRS	Kahramanmara	145.58 276	eP	PKKpDf	16 55 21.1 -4.6
DAREN	Darende-Malaty	145.58 278	eP	PKKpDf	16 55 25.2 -0.5
TAHT	Tahatkopru-Hat	145.63 274	eP	PKKpDf	16 55 25.5 -0.8
SUSE	Susehi	145.61 281	eP	PKKpDf	16 55 24.2 -1.7
SOC	Sochi	145.68 287	ePKhKP	PKKpPre	16 55 11.1
SOC	Sochi				16 55 26.3
SOC	Sochi				16 58 53.1
SOC	Sochi				17 02 27.2
SOC	Sochi				17 14 46.1 -7.1
SOC	Sochi				17 55 27.9
CUGUR	Gurin_S'VAS	145.79 278	iP	PKKpAb	16 55 27.8 +0.6
DRLN	Deer Lake	145.87 62	PFake	PKKpDf	16 55 40.0 +1.3
comp-Z,134um,21.0s					
GRNS	GIRESGURONS	145.87 282	iP	PKKpAb	16 55 27.8 +0.6
CUKAN	kangal_SIVAS	145.88 279	iP	PKKpDf	16 55 26.1 -0.2
VRH	Novokhopovsk	145.88 301	ePKP2	PKKpDf	16 55 23.6 -2.1
VRH	Novokhopovsk		eSS	SS	17 17 38.6 -4.9
comp-Z,110nm,1.7s					
VRH	Novokhopovsk				16 55 27.0 0.0
comp-N,30nm,0.5s					
VRH	Novokhopovsk				16 55 27.0 0.0
comp-E,40nm,1.1s					
VRH	Novokhopovsk				16 55 27.0 0.0
comp-Z,12um,20.0s					
ANDN	Andirin	146.01 276	iP	PKKpDf	16 55 23.6 -3.0
ILULI	Ilulissat	146.04 26	iP	PKKpDf	16 55 23.3 -2.1
comp-Z,78um,20.0s					
DAG	Danmarks Havn	146.19 4	iP	PKKpDf	16 55 23.4 -2.1
EAT	Danmarks Havn	146.19 4	iPKIKP	PKKpDf	16 55 23.4 -2.1
comp-Z,33um,17.0s					
CEYT	Ceyhan	146.21 274	eP	PKKpDf	16 55 23.3 -3.4
SARI	SarDiz-Kayseri	146.29 277	eP	PKKpDf	16 55 23.7 -3.3
KRTS	Karatas	146.30 273	eP	PKKpAb	16 55 29.5 +0.7
SCER	sogukcermik	146.32 280	eP	PKKpDf	16 55 25.4 -1.6
KOZT	Kozan	146.35 276	eP	PKKpDf	16 55 27.0 0.0
RSDY	Resadiye-TOKAT	146.37 281	eP	PKKpDf	16 55 27.4 +0.4
PJB	Pinarbasi	146.41 277	iP	PKKpDf	16 55 25.0 -2.4
PINO	Bjornova	146.43 247	ePKP1	PKKpDf	16 55 26.6 +0.6
SVSK	Karacayir	146.43 280	eP	PKKpDf	16 55 24.2 -2.8
PHNC	Paralimni	146.59 270	eP	PKKpAb	16 55 29.9 -0.2
LVZ	Lovozero	146.72 332	ePKIKP	PKKpDf	16 55 25.6 -1.1
comp-Z,95um,23.0s					
LVZ	Lovozero	146.72 332	ePKP1	PKKpDf	16 55 27.3 +0.6

LVZ	comp-Z,78um,22.0s	LR	LR	comp-Z,287nm,1.1s	
EREN	Ermenok	146.72 271	eP	PKKpDf	16 55 28.4 +0.8
TMCR	Tamitsa	146.77 325	ePKhKP	PKKpPre	16 55 23.0
comp-Z,179nm,1.1s					
CUSAR	Karkisia-SIVAS	146.80 279	iP	PKKpDf	16 55 27.6 -0.3
KARA	Karakaisi	146.82 274	eP	PKKpDf	16 55 28.4 +0.6
ERBA	Erbaa	146.87 281	iP	PKKpDf	16 55 28.5 +0.7
TKOK	Tokat	146.95 280	iP	PKKpDf	16 55 27.4 -0.5
LFK	Lefkocea	147.08 270	eP	PKKpDf	16 55 29.4 +1.0
CSS	Prodromos	147.08 269	eP	PKKpDf	16 55 26.0 -2.3
CSS	Prodromos	147.08 269	eP	PKKpDf	16 55 28.4 +0.1
CSS	Prodromos	147.08 269	ePKP1	PKKpDf	16 55 29.3 +1.0
comp-Z,9um,20.0s					
KIZK	Mersin	147.16 272	iP	PKKpDf	16 55 28.0 -0.3
SFJD	Kangerlussuaq	147.18 29	iP	PKKpAb	16 55 30.5 -0.9
comp-Z,80um,22.0s					
SFJD	Kangerlussuaq	147.18 29	ePKIKP	PKKpDf	16 55 27.6 +0.2
SFJD	Kangerlussuaq				16 55 31.7
comp-Z,86um,22.0s					
SFJD	Kangerlussuaq	147.18 29	ePKP1	PKKpDf	16 55 27.6 +0.2
SFJD	Kangerlussuaq				16 55 31.7
comp-Z,86um,22.0s					
MAMC	Mammari	147.26 170	iP	PKKpDf	16 55 28.4 -0.2
SZAC	Souni-Zanaja	147.31 269	iP	PKKpDf	16 55 30.2 -0.9
SUMG	Summit	147.35 16	iP	PKKpDf	16 55 28.1 0.0
SUMG	Summit	147.35 16	ePKIKP	PKKpDf	16 55 28.1 0.0
SUMG	Summit	147.35 16	ePKP1	PKKpDf	16 55 28.8 +0.7
comp-Z,59um,18.0s					
VORD	Divnogorie	147.38 300	ePKhKP	PKKpPre	16 55 25.3
VORD	Divnogorie		eSS	SS	17 17 53.9 -6.6
comp-E,310nm,0.9s					
VORD	Divnogorie				16 55 25.3
comp-Z,50nm,0.9s					
VORD	Divnogorie				16 55 25.3
comp-N,310nm,0.7s					
VORD	Divnogorie				16 55 25.3
comp-E,21um,22.0s					
VORD	Divnogorie				16 55 25.3
comp-Z,40um,22.0s					
VORD	Divnogorie				16 55 25.3
comp-N,13um,17.0s					
LEF	Lefka	147.47 269	eP	PKKpDf	16 55 29.4 +0.5
VSR	Storozhevoje	147.48 301	ePKhKP	PKKpPre	16 55 25.3
VSR	Storozhevoje		eSS	SS	17 17 57.3 -4.4
VSR	Storozhevoje				16 55 25.3
comp-N,130nm,1.5s					
VSR	Storozhevoje				16 55 25.3
comp-N,9.0nm,0.8s					
VSR	Storozhevoje				16 55 25.3
comp-E,40nm,1.3s					
VSR	Storozhevoje				16 55 25.3
comp-Z,48um,24.0s					
VSR	Storozhevoje				16 55 25.3
comp-E,20um,25.0s					
NIG	Voronezh	147.49 276	eP	PKKpDf	16 55 28.4 -0.8
VOR	Voronezh	147.50 302	ePKhKP	PKKpPre	16 55 25.0
comp-Z,2um,1.8s					
KVT	Kavak	147.51 281	eP	PKKpDf	16 55 26.8 -2.1
ANN	Anapa	147.59 289	ePKIKP	PKKpDf	16 55 28.9 +0.1
ANN	Anapa				16 58 55.6
ANN					

2010 SEP

3d 16h

Table with 5 columns: PGAV, Gaviaira, Arco, 178.60 175, ePKPdf, PKPdf, 16 55 59.1, +1.1

Table with 10 columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC

Table with 10 columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC

Table with 10 columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC

Table with 10 columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC

Table with 10 columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC

Table with 10 columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC

Table with 10 columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC

Table with 10 columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC

Table with 10 columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC

Table with 10 columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC

Table with 10 columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC

Table with 10 columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC

Table with 10 columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC

Table with 10 columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC

IDC 03 16:43:26.7±0.1, 43°37'Sx172°18'E, h0km, mb4.6/4, mb1 4.8/5, mb1mx4.4/16, mbtmp4.6/5, Error ellipse: s-maj=27.6km s-min=11.1km az=152.0

NEIC 03 16:43:27.9±0.5, 43°42'Sx172°16'E, h10km, mb4.6/1, Error ellipse: s-maj=11.8km s-min=7.7km az=137.0

ISCJB 03 16:43:28.7±0.5, 43°57'S±0.04, 172°22'E±0.04, h25km, 4km, mb4.7/6, Error ellipse: s-maj=6.3km s-min=5.2km

Table with 10 columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC

Table with 10 columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC

Table with columns: BRTR, FINES, WEL 03 16:43:51.2, Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Keskin Array B, FINESS Array B, Canterbury Las, McQueen's Vall, Oxford, Lake Taylor, Rata Peaks, Waitaha Valley, Kahutara, Otahua Downs.

Table with columns: WEL 03 16:44:12.6, Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Canterbury Las, McQueen's Vall, Lake Taylor, Rata Peaks, Waitaha Valley, Kahutara, Otahua Downs.

ISCJB 03 16:44:56.8, IDIC 03 16:44:56.4, WEL 03 16:44:57.3, Error ellipse: s-maj=0.8km s-min=0.7km az=0.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Oxford, Canterbury Las, McQueen's Vall, Lake Taylor, Rata Peaks, Waitaha Valley, Kahutara, Denniston Nort, Lake Benmore, Tophouse, Fox Glacier, Otahua Downs, Blackbirch Sta, Cape Campbell, Nelson, Tuamarina, Jackson Bay, Quartz Range, Wanaka, Tery Channel, Earnsclough, Baring Head, Wellington, Tuapeka, Kapiti Island, Milford Sound, Mount Morrison, Mavora Lakes, Wanganui, Urewera, Mtom Dumac, Stephens Creek, Rhatms Tower.

Table with columns: ASAR, WRA, FITZ, QSPA, MAW, SNAU, JNAA, MJAR, KSRs, CMAR, INK, MKAR, ZALV, KURBB, BVAR, GEYT, AKTO, ASF, KBZ, SPIITS, MMAT, TORO, ARCES, BRTR, OBN, FINES, AKASG, HFS, NB2, NOA, KEST, ESDC. Includes stations like Alice Springs, Warramunga Ar, Fitzroy Cross, South Pole Qui, Mawson, Sanae, Nakatani, Matsushiro Arr, Korea Array, Chiang Mai Arr, Inuvik, Makanchi Array, Zalesovo Beam, Kurchatov Arra, Borovoye Array, Alibek, Akto, Jabal al Asfar, Khabaz, Spitsbergen Arr, Mount Meron Arr, Torodi Arr, Arces Array, Keskin Array, Obninsk, Fines Array, Akasg, Hagfors, Norsar Subarray, Norsar Array, Kesra, Sonseca Array.

Table with columns: WEL 03 16:45:31.6, Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Canterbury Las, McQueen's Vall, Oxford, Lake Taylor, Rata Peaks, Waitaha Valley, Otahua Downs.

Table with columns: WEL 03 16:46:07.9, Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Oxford, Canterbury Las, McQueen's Vall, Lake Taylor, Rata Peaks, Waitaha Valley, Kahutara, Lake Benmore, Fox Glacier, Otahua Downs, Earnsclough.

Table with columns: WEL 03 16:46:35.7, Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Canterbury Las, Oxford, McQueen's Vall, Lake Taylor, Rata Peaks, Waitaha Valley, Lake Benmore, Fox Glacier.

Table with columns: FOF, ODZ, WEL 03 16:47:25.5, Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Otahua Downs, Oxford, Canterbury Las, McQueen's Vall, Rata Peaks, Lake Taylor, Waitaha Valley, Lake Benmore, Fox Glacier, Otahua Downs.

Table with columns: WEL 03 16:48:02.5, Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Canterbury Las, McQueen's Vall, Oxford, Lake Taylor, Rata Peaks, Waitaha Valley, Kahutara, Otahua Downs, Fox Glacier.

Table with columns: WEL 03 16:48:09.1, Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Canterbury Las, Oxford, McQueen's Vall, Rata Peaks, Waitaha Valley, Lake Benmore, Otahua Downs.

Table with columns: WEL 03 16:48:30.2, Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Canterbury Las, McQueen's Vall, Oxford, Lake Taylor, Rata Peaks, Kahutara.

ISCJB 03 16:48:48.0, WEL 03 16:48:49.8, IDIC 03 16:48:49.9, NEIC 03 16:48:50.4, ISC 03 16:48:49.3

Table with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Canterbury Las, McQueen's Vall, Oxford, Lake Taylor, Rata Peaks, Waitaha Valley, Kahutara.

Table with columns: LBZ, ODZ, OZD, etc. Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Lake Benmore, Otahua Downs, Fox Glacier, etc.

Table with columns: RPZ, WVZ, WZV, etc. Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Waitaha Valley, Tophouse, Fox Glacier, etc.

Table with columns: SJU, MAW, SYO, etc. Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Sorong, Mawson, Syowa Base, etc.

WEL 03 16:49:49.0-0.1, 43:55S-172:49E, h20km, ML4.2/4, Error ellipse: s-maj=1.1km s-min=0.6km az=90.0, South Island

NEIC 03 16:52:55.6-0.3, 43:54S-172:42E, h10km, mb5.0/11, Error ellipse: s-maj=9.6km s-min=5.7km az=134.0

WEL 03 16:52:56.3-0.1, 43:60S-172:40E, h8km, 1km, ML5.5/20, Error ellipse: s-maj=0.7km s-min=0.6km az=90.0

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

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

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

ISCJB 03 16:50:05.4-0.5, 43:51S-172:15E, h13km, 3km, mb4.1/3, Error ellipse: s-maj=5.6km s-min=4.4km az=171.2

WEL 03 16:50:05.7-0.1, 43:52S-172:15E, h9km, 1km, ML4.6/13, Error ellipse: s-maj=1.0km s-min=0.9km az=90.0

ISC 03 16:50:05.8-1.3, 43:39S-172:09E, h0km, mb4.1/3, mb1.4, 3/3, 2.01669, Error ellipse: s-maj=1.3km s-min=1.2km az=152.0

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

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

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

ISC 03 16:50:07.8-1.0, 43:37S-172:17E, h14km, 5km, n30, c#8729, mb4.1/3, South Island

ISC 03 16:50:07.8-1.0, 43:37S-172:17E, h14km, 5km, n30, c#8729, mb4.1/3, South Island

ISC 03 16:50:07.8-1.0, 43:37S-172:17E, h14km, 5km, n30, c#8729, mb4.1/3, South Island

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

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

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

WEL 03 16:51:06.8-0.1, 43:61S-172:37E, h9km, 1km, ML4.3/7, Error ellipse: s-maj=0.9km s-min=0.8km az=0.0, South Island

WEL 03 16:51:06.8-0.1, 43:61S-172:37E, h9km, 1km, ML4.3/7, Error ellipse: s-maj=0.9km s-min=0.8km az=0.0, South Island

WEL 03 16:51:06.8-0.1, 43:61S-172:37E, h9km, 1km, ML4.3/7, Error ellipse: s-maj=0.9km s-min=0.8km az=0.0, South Island

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

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

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

WEL 03 16:56:10.6-0.1, 43:63S-172:21E, h10km, 1km, ML4.8/43, Error ellipse: s-maj=1.1km s-min=1.0km az=0.0

WEL Felt from Wairarapa to Fiordland, maximum reported intensity MM 7.

NEIC 03 16:56:10.4, 43:67S-172:18E, h10km, mb4.4/2, After WEL

ISC 03 16:56:10.5-1.0, 43:58S-172:26E, h18km, 3km, n70, c#159/69, mb4.0/4, 2C-1D, South Island

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

RPZ	1um,0.3s,baz=36,slow=19,SNR=11	Pg	Pb	16 56 26.5	-0.8
RPZ	Rata Peaks	0.88 260	Pg	Pb	16 56 26.9 -0.8
RPZ			Lg	Lg	16 56 39.0
RPZ			S*	S*	16 56 39.4 0.0
RPZ	Rata Peaks	0.88 260	Pb	Pb	16 56 36.6 -0.6
RPZ			S*	Sg	16 56 39.4 0.0
RPZ			AML	AML	16 56 40.3
RPZ			AML	AML	16 56 40.3
RPZ			AML	AML	16 56 40.7
KHZ	Kahutara	1.49 40	ePn	Pn	16 56 46.5 +0.3
KHZ			eSn	Sb	16 56 56.7 +0.6
KHZ	Kahutara	1.49 40	PN	Pn	16 56 36.4 +0.1
KHZ			AML	AML	16 56 56.8
KHZ			AML	AML	16 56 57.0
LBZ	Lake Benmore	1.70 241	Pn	Pb	16 56 41.7 +0.5
LBZ			Sn	Sb	16 56 41.7 +0.5
LBZ	Lake Benmore	1.70 241	ePN	Pb	16 56 41.4 +0.2
LBZ			SN	Sb	16 57 03.2 +1.0
LBZ			AML	AML	16 57 04.1
LBZ			AML	AML	16 57 05.8
LBZ			AML	AML	16 57 05.9
FOZ	Fox Glacier	1.87 269	ePN	Pn	16 56 41.0 -0.4
FOZ			AML	AML	16 57 04.0
FOZ			AML	AML	16 57 04.5
ODZ	Otahua Downs	1.87 218	ePn	Pn	16 56 42.6 +1.0
ODZ			eSn	Sb	16 57 07.5 +0.4
ODZ	Otahua Downs	1.87 218	ePN	Pn	16 56 43.0 +0.3
ODZ			AML	AML	16 57 12.6
ODZ			AML	AML	16 57 12.8
THZ	Tophouse	1.87 15	PN	Pn	16 56 41.6 0.0
THZ			AML	AML	16 57 11.7
THZ			AML	AML	16 57 14.3
BSWZ	Blackbirch Sta	2.21 33	ePN	Pn	16 56 46.7 +0.5
BSWZ			AML	AML	16 57 18.7
BSWZ			AML	AML	16 57 20.4
CMWZ	Cape Campbell	2.33 39	AML	AML	16 57 22.0
CMWZ			AML	AML	16 57 25.7
TUWZ	Tuamarina	2.48 31	ePN	Pn	16 56 59.3 +0.4
TUWZ			AML	AML	16 57 33.9
TUWZ			AML	AML	16 57 31.6
NNZ	Nelson	2.50 20	ePN	Pn	16 56 50.7 +0.5
NNZ			AML	AML	16 57 00.4
NNZ			AML	AML	16 57 29.2
JACKSON BAY	Jackson Bay	2.58 258	ePN	Pn	16 56 51.1 -0.3
JACKSON BAY			AML	AML	16 57 02.5
JACKSON BAY			AML	AML	16 57 38.2
JACKSON BAY			AML	AML	16 56 51.5 -0.7
WANAKA	Wanaka	2.64 241	ePN	Pn	16 56 51.5 -0.7
WANAKA			AML	AML	16 57 34.1
WANAKA			AML	AML	16 57 34.8
WANAKA			AML	AML	16 57 34.9
WANAKA			AML	AML	16 57 37.2
EARNSCLEUGH	Earnscleugh	2.68 231	ePN	Pn	16 56 50.3 -2.4
EARNSCLEUGH			AML	AML	16 57 34.8
EARNSCLEUGH			AML	AML	16 57 35.2
EARNSCLEUGH			AML	AML	16 57 35.2 +1.0
EARNSCLEUGH			AML	AML	16 57 37.5
QUARTZ RANGE	Quartz Range	2.75 4	ePN	Pn	16 56 52.9 -0.8
QUARTZ RANGE			AML	AML	16 57 05.4
QUARTZ RANGE			AML	AML	16 57 07.8
QUARTZ RANGE			AML	AML	16 57 29.3
TORY CHANNEL	Tory Channel	2.79 33	AML	AML	16 57 34.4
TORY CHANNEL			AML	AML	16 57 34.4
SOUTH KARORI	South Karori	2.90 40	ePN	Pn	16 56 55.7 0.0
SOUTH KARORI			eSn	Sb	16 57 32.1 +2.0
SOUTH KARORI			ePN	Pn	16 56 55.2 -1.1
SOUTH KARORI			SN	Sb	16 57 30.1 -1.2
SOUTH KARORI			AML	AML	16 57 31.4
SOUTH KARORI			AML	AML	16 57 31.7
PALLISER	Palliser	2.99 49	ePN	Pn	16 56 55.7 -1.2
PALLISER			ePN	Pn	16 56 54.3 -3.1
PALLISER			AML	AML	16 57 45.3
PALLISER			AML	AML	16 57 46.4
D'URVILLE ISLA	D'Urville Isla	3.03 25	ePN	Pn	16 56 58.9 +1.3
D'URVILLE ISLA			AML	AML	16 57 46.4
D'URVILLE ISLA			AML	AML	16 57 47.1
PARUWAI FARM	Paruwai Farm	3.21 48	AML	AML	16 57 38.5
PARUWAI FARM			AML	AML	16 57 40.5
PARUWAI FARM			SN	Sb	16 57 36.6 -1.6
CANNON POINT	Cannon Point	3.23 41	SN	Sb	16 57 36.6 -1.6
CANNON POINT			AML	AML	16 57 41.1
MILFORD SOUND	Milford Sound	3.30 249	ePN	Pn	16 57 00.1 -1.1
MILFORD SOUND			AML	AML	16 57 54.1
MILFORD SOUND			AML	AML	16 57 56.1
MILFORD SOUND			AML	AML	16 57 42.8
MILFORD SOUND			AML	AML	16 57 43.6
MILFORD SOUND			AML	AML	16 57 43.1
KAPITI ISLAND	Kapiti Island	3.35 37	AML	AML	16 57 44.4
KAPITI ISLAND			AML	AML	16 58 06.4
KAPITI ISLAND			AML	AML	16 58 06.6
KAPITI ISLAND			AML	AML	16 58 15.1
KAPITI ISLAND			AML	AML	16 58 15.2
MANGATAINOKA R	Mangatainoka R	3.82 41	ePN	Pn	16 57 07.5 -0.8
MANGATAINOKA R			SN	Sb	16 57 50.6 -2.1
MANGATAINOKA R			AML	AML	16 57 52.0
MANGATAINOKA R			AML	AML	16 57 56.5
MANGATAINOKA R			AML	AML	16 58 17.7
DEEP COVE	Deep Cove	4.11 241	AML	AML	16 58 20.9
DEEP COVE			AML	AML	16 58 01.0
DEEP COVE			AML	AML	16 58 02.0
DEEP COVE			AML	AML	16 58 12.6
DEEP COVE			AML	AML	16 58 14.5
WANGANUI	Wanganui	4.33 29	AML	AML	16 57 17.2 +1.8
WANGANUI			Pn	Pn	16 57 19.3 +2.1
WANGANUI			Pn	Pn	16 57 18.8 +1.6
WANGANUI			Pn	Pn	16 57 19.5 +2.3
WANGANUI			Pn	Pn	16 57 19.4 +2.2
WANGANUI			AML	AML	16 58 04.0
WANGANUI			AML	AML	16 58 10.0
WANGANUI			AML	AML	16 57 19.2 +1.8
WANGANUI			Pn	Pn	16 57 20.4 +1.8
WANGANUI			ePN	Pn	16 57 20.2 +1.6
WANGANUI			ePN	Pn	16 57 22.3 +0.1
WANGANUI			AML	AML	16 58 23.2
WANGANUI			AML	AML	16 58 25.0
MANGATEITI	Mangateiti	4.83 31	AML	AML	16 58 22.6
MANGATEITI			AML	AML	16 58 25.1
MANGATEITI			AML	AML	16 58 25.1
MANGATEITI			AML	AML	16 58 25.2
POKOKA	Pokoka	4.87 30	AML	AML	16 58 25.1
POKOKA			SN	Sb	16 58 18.9 -1.7
POKOKA			AML	AML	16 58 25.1
POKOKA			AML	AML	16 57 25.0 +0.6
POKOKA			AML	AML	16 58 25.5
POKOKA			AML	AML	16 58 26.0
HAITI	Haiti	5.42 22	ePN	Pn	16 57 31.0 +0.6
HAITI			AML	AML	16 58 33.7
HAITI			AML	AML	16 58 36.4
HAITI			AML	AML	16 58 34.8
HAITI			AML	AML	16 58 35.0
TAHUROA ROAD	Tahuroa Road	6.34 24	AML	AML	16 58 04.4
TAHUROA ROAD			AML	AML	16 58 56.6
TAHUROA ROAD			Pn	Pn	16 57 43.0 -1.5
UREWERA	Urewera	6.46 36	Pn	Pn	16 58 53.0 -4.8
UREWERA			SN	Sb	16 58 53.1 -4.7
UREWERA			AML	AML	16 58 56.2
UREWERA			Pn	Pn	16 57 52.2 +1.2
UREWERA			SN	Sb	16 59 02.2 -5.3
UREWERA			AML	AML	16 58 55.2
ALICE SPRINGS	Alice Springs	37.18 290	P	P	17 03 20.7 +0.2
ALICE SPRINGS			P	P	17 03 20.1 +0.6
WARRAMUNGA ARR	Warramunga Arr	39.44 294	P	P	17 03 39.5 0.0
WARRAMUNGA ARR			P	P	17 04 42.4 +5.7
SPSA	South Pole Qui	46.55 180	P	P	17 04 39.5 +2.7
SPSA			P	P	17 04 39.5 +2.7
SPSA			P	P	17 04 39.5 +2.7
TORDI	Tordi Ar. Bea	148.61 196	PKPbc	PKPbc	17 15 56.6 0.0
TORDI			P	P	17 15 56.6 0.0
TORDI			P	P	17 15 56.6 0.0

CR LZ	SG	Sg	16 57 15.0 +0.4
CR LZ	AML	AML	16 57 15.2
CR LZ	P*	Pg	16 57 11.7 +0.2
CR LZ	AML	AML	16 57 16.4 +0.8
MOZ	SG	Sg	16 57 16.9
MOZ	P*	Pg	16 57 12.0 -0.1
OXZ	SG	Sg	16 57 16.2 -0.4
LTZ	P*	Pg	16 57 21.3 -0.3
LTZ	AML	AML	16 57 21.5
LTZ	S*	Sg	16 57 32.4 -0.3
RPZ	S*	Sn	16 57 36.9 +0.4
RPZ	AML	AML	16 57 42.8

WEL 03 16:57:56.3±0.2, 43:655×172:12E, h10km, ML4.5/15, 1C, Error ellipse: s-maj=1.1km s-min=1.0km az=0.0, South Island

Code	Station Name	Δ° AZ'	Phase ID	Time Res	ISC
OXZ	Oxford	0.33 349	Op P	16 58 07.1 -0.4	ISC
OXZ			SG Sg	16 58 07.2 -2.6	ISC
CR LZ	Canterbury Las	0.37 78	P* P*	16 58 03.8 +0.2	ISC
CR LZ			SG Sg	16 58 08.6 +0.1	ISC
CR LZ			SG Sg	16 58 08.6 -2.1	ISC
MOZ	McQueen's Vall	0.39 98	P*	16 58 03.9 +0.4	ISC
MOZ			AML AML	16 58 09.9	ISC
RPZ	Rata Peaks	0.78 265	P*	16 58 10.4 -1.0	ISC
RPZ			S*	16 58 21.5 -0.1	ISC
RPZ			AML AML	16 58 13.9 -0.3	ISC
LTZ	Lake Taylor	0.88 7	↑P*	16 58 24.1 -0.7	ISC
LTZ			S*	16 58 24.5	ISC
LBZ	Lake Benmore	1.58 242	ePN	16 58 23.8 -0.6	ISC
LBZ			AML AML	16 58 50.5	ISC
LBZ			AML AML	16 58 51.1	ISC
LBZ			AML AML	16 58 51.1	ISC
LBZ			AML AML	16 58 52.1	ISC
KHZ	Kahutara	1.61 41	ePN	16 58 19.6 -5.2	ISC
KHZ			AML AML	16 58 41.6	ISC
KHZ			AML AML	16 58 44.7	ISC
FOZ	Fox Glacier	1.77 272	ePN	16 58 27.7 -2.2	ISC
FOZ			AML AML	16 59 13.0	ISC
FOZ			AML AML	16 59 13.2	ISC
DSZ	Denniston Nort	1.92 353	SN	16 58 57.1 -1.1	ISC
THZ	Tophouse	1.98 17	ePN	16 58 59.0	ISC
THZ			AML AML	16 58 24.9 -5.1	ISC
THZ			AML AML	16 58 56.6	ISC
CMWZ	Cape Campbell	2.45 40	AML	16 59 06.6	ISC
CMWZ			AML	16 59 07.8	ISC
JACKSON BAY	Jackson Bay	2.47 259	AML	16 59 15.5	ISC
JACKSON BAY			AML	16 59 20.2	ISC
WANAKA	Wanaka	2.52 241	AML	16 59 21.6	ISC
WANAKA			AML	16 59 23.7	ISC
WANAKA			AML	16 59 23.7	ISC
WANAKA			AML	16 59 24.3	ISC
EARNSCLEUGH	Earnscleugh	2.56 231	AML	16 59 20.3	ISC
EARNSCLEUGH			AML	16 59 22.2	ISC</

3d 17h

Table with columns for station name, frequency, power, and other technical details. Includes stations like FAKI, GYA, SHL, HYB, etc.

2010 SEP

Table with columns for station name, frequency, power, and other technical details. Includes stations like LZH, NDI, QIS, DDI, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like KSMUS, KSAR, KSRK, etc.

Table with columns: ID, Name, Address, City, State, Zip, Lat, Lon, Elevation, Area, and other details. Includes entries like ELK Elk, H71A Grant Village, PKM Peak Mountain, etc.

Table with columns: ID, Name, Address, City, State, Zip, Lat, Lon, Elevation, Area, and other details. Includes entries like IRM Iron Mountain, G28A Parade, BC3 Big Chuckwall, etc.

Table with columns: ID, Name, Address, City, State, Zip, Lat, Lon, Elevation, Area, and other details. Includes entries like Y34A Reagan Ranch, X35A Drake, USIN University of, etc.

RPZ	Rata Peaks	0.93 262	S*	Sg	17 16 06.0	-1.4
RPZ	Lake Benmore	1.73 242	AML	AML	17 16 06.8	
LBZ	Lake Benmore	1.73 242	AML	AML	17 16 32.4	
LBZ	Lake Benmore	1.73 242	AML	AML	17 16 33.4	

WEL 03 17:17:03.9-0.1, 43:367Sx172:44E, h5km, ML3.7/7, 1C, Error ellipse: s-maj=0.8km s-min=0.7km az=0.0, South Island

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
CRZL	Canterbury Las	0.16 55	Op	ISC	h m s ISC
CRZL	Canterbury Las	0.16 55	PG	Pg	17 17 07.3 +0.1
CRZL	Canterbury Las	0.16 55	SG	Sg	17 17 09.4 +0.2
CRZL	Canterbury Las	0.16 55	Sb	Sb	17 17 09.7 +0.2
MOZ	McQueen's Vall	0.16 105	PG	Pg	17 17 07.3 +0.2
MOZ	McQueen's Vall	0.16 105	SG	Sg	17 17 09.5 +0.3
MOZ	McQueen's Vall	0.16 105	Sb	Sb	17 17 09.8
OXZ	Oxford	0.45 319	PG	Pg	17 17 12.9 +0.3
OXZ	Oxford	0.45 319	Sg	Sg	17 17 19.6 +1.1
RPZ	Rata Peaks	1.01 267	eP*	P*	17 17 21.0 -0.1
RPZ	Rata Peaks	1.01 267	eP*	P*	17 17 23.1 -0.2
WVZ	Waitaha Valley	1.38 295	AML	AML	17 17 31.3
KHZ	Kahutara	1.49 33	PN	PN	17 17 28.9 -2.4
LBZ	Lake Benmore	1.78 245	PN	PN	17 17 38.2 +0.1
ODZ	Otahua Downs	1.89 222	PN	PN	17 17 40.3 +0.1

WEL 03 17:17:16.5-0.3, 43:64Sx172:50E, h18km, ML2.4/24, 1C, Error ellipse: s-maj=2.9km s-min=2.1km az=90.0, South Island

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
CRZL	Canterbury Las	0.11 57	Op	ISC	h m s ISC
CRZL	Canterbury Las	0.11 57	PG	Pg	17 17 20.1 -0.1
CRZL	Canterbury Las	0.11 57	SG	Sg	17 17 22.0 -0.5
CRZL	Canterbury Las	0.11 57	Sb	Sb	17 17 22.8
MOZ	McQueen's Vall	0.13 123	P*	Pg	17 17 20.7 +0.1
MOZ	McQueen's Vall	0.13 123	S*	Sg	17 17 23.6 +0.3
MOZ	McQueen's Vall	0.13 123	S*	Sg	17 17 24.3
OXZ	Oxford	0.46 313	eP*	P*	17 17 25.1 +0.1
OXZ	Oxford	0.46 313	S*	Sb	17 17 32.8 +0.1
LTZ	Lake Taylor	0.87 349	P*	Pb	17 17 32.8 -0.3
LTZ	Lake Taylor	0.87 349	S*	Sb	17 17 43.8 -0.7
LTZ	Lake Taylor	0.87 349	AML	AML	17 17 44.7
RPZ	Rata Peaks	1.05 265	eP*	P*	17 17 35.9 -0.3
RPZ	Rata Peaks	1.05 265	S*	Sb	17 17 43.4 -1.1
RPZ	Rata Peaks	1.05 265	AML	AML	17 17 53.4
WVZ	Waitaha Valley	1.40 293	ePN	Pb	17 17 41.7 -0.4
WVZ	Waitaha Valley	1.40 293	AML	AML	17 18 01.4
WVZ	Waitaha Valley	1.40 293	AML	AML	17 18 04.3
KHZ	Kahutara	1.44 33	PN	PN	17 17 41.0 -0.7
KHZ	Kahutara	1.44 33	AML	AML	17 17 41.4
KHZ	Kahutara	1.44 33	AML	AML	17 18 00.4
LBZ	Lake Benmore	1.83 245	ePN	Pb	17 17 49.7 +0.2
LBZ	Lake Benmore	1.83 245	AML	AML	17 18 15.3
LBZ	Lake Benmore	1.83 245	AML	AML	17 18 16.2
LBZ	Lake Benmore	1.83 245	AML	AML	17 18 17.1
LBZ	Lake Benmore	1.83 245	AML	AML	17 18 18.9
THZ	Tophouse	1.90 9	ePN	PN	17 17 47.4 -0.6
THZ	Tophouse	1.90 9	AML	AML	17 18 14.0
THZ	Tophouse	1.90 9	AML	AML	17 18 14.1
ODZ	Otahua Downs	1.94 223	ePN	Pb	17 17 52.1 +0.8
ODZ	Otahua Downs	1.94 223	AML	AML	17 18 20.7
ODZ	Otahua Downs	1.94 223	AML	AML	17 18 23.1
ODZ	Otahua Downs	1.94 223	AML	AML	17 18 23.3
ODZ	Otahua Downs	1.94 223	AML	AML	17 18 26.3
DSZ	Denniston Nort	1.96 345	ePN	PN	17 17 47.5 -1.4
DSZ	Denniston Nort	1.96 345	AML	AML	17 18 13.3
DSZ	Denniston Nort	1.96 345	AML	AML	17 18 13.4
DSZ	Denniston Nort	1.96 345	AML	AML	17 18 14.3
DSZ	Denniston Nort	1.96 345	AML	AML	17 18 15.5
FOZ	Fox Glacier	2.04 271	ePN	PN	17 17 50.7 +0.8
FOZ	Fox Glacier	2.04 271	AML	AML	17 18 21.8
FOZ	Fox Glacier	2.04 271	AML	AML	17 18 23.6
BSWZ	Blackbirch Sta	2.17 28	PN	PN	17 18 21.8 0.0
BSWZ	Blackbirch Sta	2.17 28	AML	AML	17 18 21.9
BSWZ	Blackbirch Sta	2.17 28	AML	AML	17 18 22.7
NNZ	Nelson	2.50 15	AML	AML	17 18 28.3
JCZ	Jackson Bay	2.74 259	AML	AML	17 18 47.5
WVZ	Waitaha Valley	2.77 243	AML	AML	17 18 48.7
WKZ	Wanaka	2.44 237	AML	AML	17 18 49.2
EAZ	Earnsclough	2.79 234	AML	AML	17 18 53.8
EAZ	Earnsclough	2.79 234	AML	AML	17 18 48.6
QRZ	Quartz Range	2.81 1	AML	AML	17 18 50.1
QRZ	Quartz Range	2.81 1	AML	AML	17 18 53.5
MSZ	Milford Sound	3.45 251	AML	AML	17 19 12.0
MSZ	Milford Sound	3.45 251	AML	AML	17 19 14.2
MLZ	Mavora Lakes	3.54 240	ePN	PN	17 18 14.6 +4.0
MLZ	Mavora Lakes	3.54 240	AML	AML	17 19 14.1
MLZ	Mavora Lakes	3.54 240	AML	AML	17 19 14.2
MRZ	Mangatainoka R	3.75 39	AML	AML	17 18 56.7
MRZ	Mangatainoka R	3.75 39	AML	AML	17 18 58.1
SYZ	Scrubby Hill	3.75 218	AML	AML	17 19 03.9
WAZ	Wanganui	4.30 287	AML	AML	17 19 15.6
WAZ	Wanganui	4.30 287	AML	AML	17 19 18.9
VRZ	Vera Road	4.82 21	AML	AML	17 19 27.7
VRZ	Vera Road	4.82 21	AML	AML	17 19 28.7

WEL 03 17:18:06.7-0.1, 43:59Sx172:38E, h10km, ML4.6/9, 1C, Error ellipse: s-maj=1.1km s-min=0.9km az=0.0, South Island

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
CRZL	Canterbury Las	0.18 85	Op	ISC	h m s ISC
CRZL	Canterbury Las	0.18 85	PG	Pg	17 18 10.6 +0.1
CRZL	Canterbury Las	0.18 85	SG	Sg	17 18 13.2 +0.1
CRZL	Canterbury Las	0.18 85	SG	Sg	17 18 13.3 +0.2
MOZ	McQueen's Vall	0.23 120	PG	Pg	17 18 11.8 +0.4
MOZ	McQueen's Vall	0.23 120	SG	Sg	17 18 15.4 +0.8
MOZ	McQueen's Vall	0.23 120	AML	AML	17 18 15.7
OXZ	Oxford	0.36 317	SG	Sg	17 18 18.6 -0.2
OXZ	Oxford	0.36 317	SG	Sb	17 18 18.8 -2.2
LTZ	Lake Taylor	0.81 354	PG	Pg	17 18 22.3 -0.1
LTZ	Lake Taylor	0.81 354	S*	S*	17 18 33.1 0.0
RPZ	Rata Peaks	0.97 262	eP*	P*	17 18 34.1 -0.7
RPZ	Rata Peaks	0.97 262	S*	Sg	17 18 36.9 -1.1
WVZ	Waitaha Valley	1.30 293	ePN	Pg	17 18 32.3 +0.7
WVZ	Waitaha Valley	1.30 293	AML	AML	17 18 55.6 +7.0
LBZ	Lake Benmore	1.77 243	PN	PN	17 18 42.1 +1.4
ODZ	Otahua Downs	1.91 220	ePN	Pb	17 18 41.9 +0.2

ISC/JB 03 17:18:21.4-0.5, 43:55S;0:04;172:24E;0:04, h26km, 4km, mb4.0/3, Error ellipse: s-maj=7.3km s-min=5.2km az=10.7

WEL 03 17:18:21.5-0.1, 43:60Sx172:15E, h8km, ML4.7/9, Error ellipse: s-maj=1.1km s-min=0.9km az=0.0

ISC 03 17:18:21.3-1.3, 43:20S;1:34;172:15E, h8km, ML4.0/3, mb1.4/24, mb1mx3.8/30, mb1mx4.0/4, ML3.6/1, Error ellipse: s-maj=37.2km s-min=10.6km az=134.0

ISC 03 17:18:21.1-1.0, 43:56S;0:05;172:20E;0:03, h18km, 4km, n24, e0562/25, mb4.0/3, 1C-1D, South Island

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
OXZ	Oxford	0.26 333	PG	Pg	17 18 27.1 0.0
OXZ	Oxford	0.26 333	SG	Sg	17 18 31.1 -0.2
CRZL	Canterbury Las	0.30 94	PG	Pg	17 18 28.3 +0.3
CRZL	Canterbury Las	0.30 94	SG	Sb	17 18 33.1 +0.4
CRZL	Canterbury Las	0.30 94	AML	AML	17 18 33.4
MOZ	McQueen's Vall	0.36 115	PG	Pg	17 18 28.7 0.0
MOZ	McQueen's Vall	0.36 115	SG	Sg	17 18 33.9 +0.1
MOZ	McQueen's Vall	0.36 115	AML	AML	17 18 35.5
LTZ	Lake Taylor	0.78 4	PG	Pb	17 18 37.3 +0.1
LTZ	Lake Taylor	0.78 4	S*	S*	17 18 48.4 0.0
RPZ	Rata Peaks	0.85 259	PG	Pb	17 18 47.7 0.0
RPZ	Rata Peaks	0.85 259	Lg	Lg	17 18 48.4
RPZ	Rata Peaks	0.85 259	S*	Sg	17 18 49.3 +0.4
RPZ	Rata Peaks	0.85 259	AML	AML	17 18 50.9
WVZ	Waitaha Valley	1.17 294	eP*	P*	17 18 43.9 +0.4
WVZ	Waitaha Valley	1.17 294	S*	S*	17 18 58.6 +0.5
WVZ	Waitaha Valley	1.17 294	AML	AML	17 19 01.3

KHZ	Kahutara	1.50 41	AML	AML	17 19 10.4
KHZ	Kahutara	1.50 41	AML	AML	17 19 10.7
KHZ	Kahutara	1.50 41	ePN	Pn	17 18 47.2 0.0
KHZ	Kahutara	1.50 41	AML	AML	17 19 10.4
KHZ	Kahutara	1.50 41	AML	AML	17 19 10.7
LBZ	Lake Benmore	1.68 240	PN	Pb	17 19 13.0 +0.5
LBZ	Lake Benmore	1.68 240	AML	AML	17 19 15.7
LBZ	Lake Benmore	1.68 240	AML	AML	17 19 16.6
LBZ	Lake Benmore	1.68 240	AML	AML	17 19 15.7
LBZ	Lake Benmore	1.68 240	AML	AML	17 19 16.6
FOZ	Fox Glacier	1.83 269	AML	AML	17 19 13.4
FOZ	Fox Glacier	1.83 269	PN	Pn	17 18 51.2 -0.4
FOZ	Fox Glacier	1.83 269	AML	AML	17 19 13.6
ODZ	Otahua Downs	1.86 216	ePN	Pb	17 18 54.8 +0.2
ODZ	Otahua Downs	1.86 216	AML	AML	17 19 19.0
ODZ	Otahua Downs	1.86 216	AML	AML	17 19 19.1
ODZ	Otahua Downs	1.86 216	AML	AML	17 19 19.3
ODZ	Otahua Downs	1.86 216	AML	AML	17 19 23.0
ODZ	Otahua Downs	1.86 216	AML	AML	17 19 19.0
ODZ	Otahua Downs	1.86 216	AML	AML	17 19 23.0
THZ	Tophouse	1.87 16	PN	Pn	17 18 52.6 +0.4
URZ	Urewera	6.47 37	PN	Pn	17 19 55.0 -0.4
ASAR	Alice Springs	37.14 290	P	P	17 25 30.6 -0.2
WRA	Warramunga Arr	39.40 295	P	P	17 25 49.7 -0.2
FITZ	Fitzroy Crossi	46.57 288	P	P	17 26 49.2 +1.2
TORD	Torodi Arr, Bea	148.61 198	PKPbc	PKPbc	17 38 10.2 -0.6
ARCES	ARCCESS Array B	148.92 338	PKPbc	PKPbc	17 38 09.1 -1.6
BRTR	Keskin Array B	149.03 278	PKPbc	PKPbc	17 38 11.2 -0.9
FINES	FINES Array B	153.15 324	PKPbc	PKPbc	17 38 17.6 +0.0

ISC 03 17:18:36.3-0.8, 43:31Sx172:19E, h0km, mb4.5/8, mb1.4/29, mb1mx4.4/17, mb1mx4.5/9, ML4.0/1, MS4.0/1, NEIC 03 17:18:37.4-0.5, 43:24S;172:31E, h10km, mb4.5/8, Error ellipse: s-maj=13.6km s-min=8.8km az=127.0

WEL 03 17:18:38.1-1.0, 43:41S;0:04;172:31E;0:03, h12km, 6km, n69, e174/47, mb4.5/12, South Island

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
OXZ	Oxford	0.22 293	Op	ISC	h m s ISC
OXZ	Oxford	0.22 293	PG	Pg	17 18 42.9 +0.1
OXZ	Oxford	0.22 293	SG	Sg	17 18 46.7 +0.8
CRZL	Canterbury Las	0.28 127	PG	Pg	17 18 43.8 -0.1
CRZL	Canterbury Las	0.28 127	Sb	Sb	17 18 48.5 -1.2
CRZL	Canterbury Las	0.28 127	AML	AML	17 18 48.9
MOZ	McQueen's Vall	0.39 140	PG	Pg	17 18 45.1 -0.7
MOZ	McQueen's Vall	0.39 140	SG	Sg	17 18 49.8 -1.1
MOZ	McQueen's Vall	0.39 140	AML	AML	17 18 50.6
LTZ	Lake Taylor	0.63 357	P*	P*	17 18 53.0 0.0
LTZ	Lake Taylor	0.63 357	S*	S*	17 19 04.3 +1.0
RPZ	Rata Peaks	0.96 251	PG	Pg	17 18 54.4 -2.3
RPZ	Rata Peaks	0.96 251	Lg	Lg	17 19 06.5
RPZ	Rata Peaks	0.96 251	eP*	P*	17 18 54.1 -2.6
RPZ	Rata Peaks	0.96 251	S*	Sg	17 19 06.0 -3.4
RPZ	Rata Peaks	0.96 251	AML	AML	17 19 07.0
RPZ	Rata Peaks	0.96 251	AML	AML	17 19 07.0
WVZ	Waitaha Valley	1.20 286	AML	AML	17 19 17.5
WVZ	Waitaha Valley	1.20 286	AML	AML	17 19 17.6
KHZ	Kahutara	1.34 43	AML	AML	17 19 27.0
KHZ	Kahutara	1.34 43	AML	AML	17 19 27.0
THZ	Tophouse	1.70 15	AML	AML	17 19 43.1
THZ	Tophouse	1.70 15	PN	Pn	17 19 08.9 -0.4
LBZ	Lake Benmore	1.82 237	PN	PN	17 19 33.2
LBZ					

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include MOZ Oxford, OXZ Lake Taylor, LTZ Rata Peaks, etc.

WEL 03 17:25:57.40.1, 43:539Sx172:346E, h5km, ML3.3/2, Error ellipse: s-maj=1.2km s-min=1.0km az=0.0, South Island

IDC 03 17:26:02.9.1.1, 43:235S-172:01E, h0km, mb4.0/3, mb1 4.2/3, mb1mx3.9/15, mbtmp4.0/4, ML4.2/1, Error ellipse: s-maj=29.3km s-min=10.6km az=139.0

WEL 03 17:26:04.7.0.1, 43:605S-172:10E, h8km, 1km, ML4.7/52, Error ellipse: s-maj=0.8km s-min=0.6km az=90.0

NEIC Felt in the Christchurch area. ISC 03 17:26:03.5.1.0, 43:535S-172:16E, h0.03, h15km, 7km, n94, c1906/84, mb4.0/3, South Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include OXZ Oxford, OXZ Oxford, CRJZ Canterbury Las, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include WAZ Waitaha Valley, WAZ Waitaha Valley, WAZ Waitaha Valley, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include WAZ Waitaha Valley, WAZ Waitaha Valley, WAZ Waitaha Valley, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include WAZ Waitaha Valley, WAZ Waitaha Valley, WAZ Waitaha Valley, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include MSZ Paruwai Farm, PAWZ Paruwai Farm, PAWZ Cannon Point, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include TRWZ Traveller, TRWZ Traveller, TRWZ Traveller, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include MRZ Mangatainoka R, MRZ Mangatainoka R, MRZ Mangatainoka R, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include WAZ Wanganu, WAZ Wanganu, WAZ Wanganu, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include WAZ Wanganu, WAZ Wanganu, WAZ Wanganu, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include WAZ Wanganu, WAZ Wanganu, WAZ Wanganu, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include WAZ Wanganu, WAZ Wanganu, WAZ Wanganu, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include WAZ Wanganu, WAZ Wanganu, WAZ Wanganu, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include WAZ Wanganu, WAZ Wanganu, WAZ Wanganu, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include WAZ Wanganu, WAZ Wanganu, WAZ Wanganu, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include OXZ Oxford, CRJZ Canterbury Las, CRJZ Canterbury Las, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include OXZ Oxford, CRJZ Canterbury Las, CRJZ Canterbury Las, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include OXZ Oxford, CRJZ Canterbury Las, CRJZ Canterbury Las, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include OXZ Oxford, CRJZ Canterbury Las, CRJZ Canterbury Las, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include OXZ Oxford, CRJZ Canterbury Las, CRJZ Canterbury Las, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include OXZ Oxford, CRJZ Canterbury Las, CRJZ Canterbury Las, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include OXZ Oxford, CRJZ Canterbury Las, CRJZ Canterbury Las, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include OXZ Oxford, CRJZ Canterbury Las, CRJZ Canterbury Las, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include OXZ Oxford, CRJZ Canterbury Las, CRJZ Canterbury Las, etc.

3d 17h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Waitaha Valley, Lake Benmore, Kahutara, Fox Glacier, Denniston Nort, Otahua Downs, Tophouse, ASAR Alice Springs, Warramunga Arr, TORO Torodi Ar. Bea.

IDC 03 17:30:57.1, 0.43, 42S, 172.46E, h0km, mb3.9/2, mb1.4/1.4, mb1mx3.8/15, mbtmp3.9/4, ML3.6/1, Error ellipse: s-maj=27.7km s-min=12.5km az=159.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Canterbury Las, Canterbury Las, McQueen's Vall, Oxford, Lake Taylor, Rata Peaks, Rata Peaks, Rata Peaks, Waitaha Valley, Kahutara, Tophouse, Denniston Nort, Otahua Downs, Fox Glacier, Blackbirch Sta, Tuamarina, Nelson, Highcliff Hill, Jackson Bay, Wanaka, Earnsclough, Quartz Range, South Karori, Moikau Station, Tuapeka, Paruwai Farm, Cannon Point, Mavora Lakes, Kapiti Island, Traveller, Mount Morrison, Scrubby Hill, Mangatoinaka R, Birch Farm, Wanganui, Vera Road, Moawhango, Turoa, Pawanui, Hauri, Black Stump Fm, Urewera.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Rata Peaks, Rata Peaks, Rata Peaks, Waitaha Valley, Kahutara, Tophouse, Denniston Nort, Otahua Downs, Fox Glacier, Blackbirch Sta, Tuamarina, Nelson, Highcliff Hill, Jackson Bay, Wanaka, Earnsclough, Quartz Range, South Karori, Moikau Station, Tuapeka, Paruwai Farm, Cannon Point, Mavora Lakes, Kapiti Island, Traveller, Mount Morrison, Scrubby Hill, Mangatoinaka R, Birch Farm, Wanganui, Vera Road, Moawhango, Turoa, Pawanui, Hauri, Black Stump Fm, Urewera.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WEL 03 17:30:00.8, 0.1, 43.58S, 172.10E, h7km, ML3.7/17, Error ellipse: s-maj=0.9km s-min=0.7km az=90.0, South Island, Oxford, Canterbury Las, McQueen's Vall, Rata Peaks, Lake Taylor, Waitaha Valley, Kahutara, Lake Benmore, Fox Glacier, Otahua Downs, Denniston Nort, Blackbirch Sta, Jackson Bay, Wanaka, Earnsclough, Quartz Range, South Karori, Moikau Station, Tuapeka, Paruwai Farm, Cannon Point, Mavora Lakes, Kapiti Island, Traveller, Mount Morrison, Birch Farm, Deep Cove, Urewera, Otahua Downs, Denniston Nort, Blackbirch Sta, Jackson Bay, Wanaka, Earnsclough, Quartz Range, South Karori, Moikau Station, Tuapeka, Paruwai Farm, Cannon Point, Mavora Lakes, Kapiti Island, Traveller, Mount Morrison, Birch Farm, Deep Cove, Urewera.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IDC 03 17:31:18.6, 1.4, 43.27S, 172.10E, h0km, mb3.9/2, mb1.4/2.3, mb1mx3.8/22, mbtmp4.0/3, ML3.8/1, Error ellipse: s-maj=47.6km s-min=29.6km az=154.0

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like McQueen's Vall, Rata Peaks, Lake Taylor, Waitaha Valley, Kahutara, Kahutara, Lake Benmore, Fox Glacier, Denniston Nort, Otahua Downs, Tophouse, Nelson, Wanaka, Earnsclough, Quartz Range, Tuapeka, D'Urville Isla, Milford Sound, Moikau Station, Paruwai Farm, Cannon Point, Mavora Lakes, Kapiti Island, Traveller, Mount Morrison, Scrubby Hill, Mangatoinaka R, Birch Farm, Wanganui, Vera Road, Moawhango, Turoa, Pawanui, Hauri, Black Stump Fm, Urewera.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WEL 03 17:34:15.3, 0.1, 43.58S, 172.31E, h10km, ML3.8/24, 1C, Error ellipse: s-maj=1.0km s-min=0.9km az=0.0, South Island, Oxford, Canterbury Las, McQueen's Vall, Rata Peaks, Lake Taylor, Waitaha Valley, Kahutara, Lake Benmore, Fox Glacier, Otahua Downs, Denniston Nort, Blackbirch Sta, Jackson Bay, Wanaka, Earnsclough, Quartz Range, South Karori, Moikau Station, Tuapeka, Paruwai Farm, Cannon Point, Mavora Lakes, Kapiti Island, Traveller, Mount Morrison, Birch Farm, Deep Cove, Urewera.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WEL 03 17:34:15.3, 0.1, 43.58S, 172.31E, h10km, ML3.8/24, 1C, Error ellipse: s-maj=1.0km s-min=0.9km az=0.0, South Island, Oxford, Canterbury Las, McQueen's Vall, Rata Peaks, Lake Taylor, Waitaha Valley, Kahutara, Lake Benmore, Fox Glacier, Otahua Downs, Denniston Nort, Blackbirch Sta, Jackson Bay, Wanaka, Earnsclough, Quartz Range, South Karori, Moikau Station, Tuapeka, Paruwai Farm, Cannon Point, Mavora Lakes, Kapiti Island, Traveller, Mount Morrison, Birch Farm, Deep Cove, Urewera.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WEL 03 17:34:15.3, 0.1, 43.58S, 172.31E, h10km, ML3.8/24, 1C, Error ellipse: s-maj=1.0km s-min=0.9km az=0.0, South Island, Oxford, Canterbury Las, McQueen's Vall, Rata Peaks, Lake Taylor, Waitaha Valley, Kahutara, Lake Benmore, Fox Glacier, Otahua Downs, Denniston Nort, Blackbirch Sta, Jackson Bay, Wanaka, Earnsclough, Quartz Range, South Karori, Moikau Station, Tuapeka, Paruwai Farm, Cannon Point, Mavora Lakes, Kapiti Island, Traveller, Mount Morrison, Birch Farm, Deep Cove, Urewera.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WEL 03 17:34:15.3, 0.1, 43.58S, 172.31E, h10km, ML3.8/24, 1C, Error ellipse: s-maj=1.0km s-min=0.9km az=0.0, South Island, Oxford, Canterbury Las, McQueen's Vall, Rata Peaks, Lake Taylor, Waitaha Valley, Kahutara, Lake Benmore, Fox Glacier, Otahua Downs, Denniston Nort, Blackbirch Sta, Jackson Bay, Wanaka, Earnsclough, Quartz Range, South Karori, Moikau Station, Tuapeka, Paruwai Farm, Cannon Point, Mavora Lakes, Kapiti Island, Traveller, Mount Morrison, Birch Farm, Deep Cove, Urewera.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Rata Peaks, Waitaha Valley, Kahutara, Lake Benmore, Tophouse, Denniston Nort, Otahua Downs, Fox Glacier, Blackbirch Sta, Nelson, Jackson Bay, Wanaka, Earnsclough, Quartz Range, Wellington, Tuapeka, Cannon Point, Milford Sound, Mavora Lakes, Mangatoinaka R, Wanganui, Vera Road.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IDC 03 17:36:34.3, 3.1, 43.27S, 171.76E, h0km, mb3.7/2, mb1.3/2, mb1mx3.8/19, mbtmp3.7/2, Error ellipse: s-maj=65.2km s-min=12.0km az=-126.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IDC 03 17:36:36.5, 0.5, 43.48S, 171.91E, 0.04, h20km, 6km, mb3.6/2, Error ellipse: s-maj=7.2km s-min=5.2km az=163.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WEL 03 17:36:36.0, 0.2, 43.55S, 171.87E, h5km, ML3.9/18, Error ellipse: s-maj=1.5km s-min=1.4km az=0.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IDC 03 17:38:09.6, 0.9, 43.53S, 172.31E, 0.06, h16km, mb3.9/3, Error ellipse: s-maj=12.2km s-min=5.9km az=166.0

Table with columns: ICAO, Name, Lat, Lon, Elevation, Country, ICAO, Name, Lat, Lon, Elevation, Country. Includes stations like WEL, PLWZ, DUWZ, TRWZ, etc.

WEL 03 17:38:50.5-1.8, 43.54S:172.16E, h0km, mb4.0/2, mb1 4.3/2, mb1mx3.8/13, mbtmp4.0/2, Error ellipse: s-maj=53.5km s-min=14.8km az=164.0

Table with columns: Code, Station Name, Lat, Lon, Elevation, Country, ICAO, Name, Lat, Lon, Elevation, Country. Includes stations like OXF, CRZL, MOZ, etc.

Table with columns: ICAO, Name, Lat, Lon, Elevation, Country, ICAO, Name, Lat, Lon, Elevation, Country. Includes stations like KIW, KYZ, MRZ, etc.

WEL 03 17:39:33.7-0.2, 43.62S:172.20E, h5km, ML4.2/23, Error ellipse: s-maj=1.4km s-min=1.1km az=0.0, South Island

Table with columns: Code, Station Name, Lat, Lon, Elevation, Country, ICAO, Name, Lat, Lon, Elevation, Country. Includes stations like CRZL, OXF, MCQ, etc.

ROM 03 17:40:06.7-0.2, 43.44N:8.23E, h32km±1km, Md2.7/7, M2.3/6, Error ellipse: s-maj=3.2km s-min=1.7km az=10.0

Table with columns: Code, Station Name, Lat, Lon, Elevation, Country, ICAO, Name, Lat, Lon, Elevation, Country. Includes stations like IMI, ROR, LUCF, etc.

Table with columns: ICAO, Name, Lat, Lon, Elevation, Country, ICAO, Name, Lat, Lon, Elevation, Country. Includes stations like CALN, ENR, STV, etc.

3d 17h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ETOS Mallorca, LFF La Frestale, EPOB Poblet, etc.

WEL 03 17:41:54.8±0.2, 43:57S×172:37E, h23km, 1km, ML3.7/20, 1C-1D, Error ellipse: s-maj=1.8km s-min=1.6km az=0.0, South Island

Main table for the 3d 17h section, listing various stations and their parameters across multiple rows.

ISCJB 03 17:43:07.8±0.5, 43:47S±0:03, 172:19E±0:04, h10km, 5km, mb3.4/2, Error ellipse: s-maj=5.7km s-min=4.7km az=13.6

WEL 03 17:43:08.2±0.1, 43:50S±172:16E, h7km, 1km, ML4.1/28, Error ellipse: s-maj=0.8km s-min=0.8km az=0

ODZ 03 17:43:08.5±1.6, 43:12S±171:82E, h0km, mb3.4/2, mb1.3/2, mb1mx3.5/23, mbtmp3.4/2, Error ellipse: s-maj=42.5km s-min=12.5km az=125

ISC 03 17:43:08.0±1.0, 43:51S±0:03, 172:16E±0:03, h8km, 8km, n35, c1807/29, South Island

Main table for the 3d 17h section, continuing with station data and parameters.

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Table with columns: TCW, Tury Channel, DUWZ, D'Urville Isla, DUWZ, Tuapeka, etc. Includes station codes and parameters.

ISCJB 03 17:44:02.9±0.5, 43:49S±0:04, 172:45E±0:05, h13km, 4km, mb3.4/2, MS3.4/1, Error ellipse: s-maj=7.1km s-min=5.6km

WEL 03 17:44:03.4±0.1, 43:57S±172:39E, h10km, 1km, ML4.3/24, Error ellipse: s-maj=1.0km s-min=0.8km az=0

IDC 03 17:44:04.4±2.1, 44:61S±171:30E, h0km, mb3.5/2, mb1.3/2, mb1mx3.5/23, mbtmp3.5/2, MS3.4/1, Ms1.3/4/1, ms1mx3.3/17, Error ellipse: s-maj=57.0km s-min=12.6km az=86.0

ISC 03 17:44:03.4±0.8, 43:52S±0:04, 172:44E±0:04, h14km, 6km, n33, c1905/30, 1C-2D, South Island

Main table for the 2010 SEP section, listing various stations and their parameters.

NEIC 03 17:46:20.9, 43:65S±172:18E, h15km, ML4.3(WEL), After WEL, South Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RPZ, ODZ, SNZO, etc.

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Main table for the 130 section, listing various stations and their parameters.

IDC 03 17:48:05.2±4.6, 29:02S±73:70E, h0km, mb3.9/7, mb1.4/17, mb1mx3.8/25, mbtmp3.9/7, Error ellipse: s-maj=131.8km s-min=30.6km az=47.0, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H08S2, H08S1, H08S3, etc.

ASAR Alice Springs 53.72 99 P P 17 57 29.1 -0.3
 1.1nm, 0.8s, baz=251, slow=6.3, SNR=13

WRA Warramunga Arr 55.41 95 P P 17 57 41.2 -0.5
 3.0nm, 1.0s, baz=253, slow=7.3, SNR=11

MKAR Makanchi Array 75.89 6 P P 17 59 52.9 -0.3
 0.7nm, 0.9s, baz=168, slow=7.4, SNR=3.2

SONM Songino Array 81.95 22 P P 18 00 27.6 +0.9
 1.0nm, 0.9s, baz=190, slow=7.4, SNR=5.2

ZALV Zalesovo Beam 83.18 2 P P 18 00 32.6 -0.1
 0.5nm, 0.4s, baz=191, slow=6.9, SNR=4.6

IDC 03 17:55:02.4+0.9, 43:27S:172:20E, h0km, mb3.9/4,
 mb1 4.1/5, mb1mx3.8/29, mbtmp3.9/5, ML3.7/1, Error
 ellipse: s-maj=27.3km s-min=10.8km az=145.0

ISCJB 03 17:55:03.5+1.0, 43:48S:0:07:172:26E:0:09, h22km, 8km,
 mb4.0/5, Error ellipse: s-maj=15.2km s-min=4.9km
 az=43.9

NEIC 03 17:55:03.8, 43:57S:172:12E, h3km, mb4.1/1,
 ML4.6(WEL), After WEL

NEIC Felt in the Christchurch area

ISC 03 17:55:03.7-1.6, 43:46S:0:07:172:20E:0:07, h12km, 9km,
 n35, c110/38, mb3.9/5, ID, South Island

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
OXZ	Oxford	0.18	317	Pg	ISC	17 57 07.6	-0.2
LTZ	Lake Taylor	0.85	8	Pb	ISC	17 57 17.9	+0.5
RPZ	Rata Peaks	0.88	252	Pg	Pb	17 55 20.5	-0.4
						812nm, 0.3s, baz=149, slow=7.1, SNR=44	
RPZ	Rata Peaks	0.88	252	Pg	Lg	17 55 33.5	
						967nm, 0.3s, baz=168, slow=14, SNR=18	
RPZ	Rata Peaks	0.88	252	Pg	Sb	17 55 20.2	-0.7
RPZ	Rata Peaks	0.88	252	Pg	Sn	17 55 32.9	-1.6
RPZ	Rata Peaks	0.88	252	Pg	Lg	17 55 33.5	
RPZ	Rata Peaks	0.88	252	Pg	Sb	17 55 25.6	+0.1
RPZ	Rata Peaks	0.88	252	Pg	Pn	17 55 29.4	-0.1
RPZ	Rata Peaks	0.88	252	Pg	Pn	17 55 34.3	0.0
RPZ	Rata Peaks	0.88	252	Pg	Pn	17 55 35.9	-0.7
RPZ	Rata Peaks	0.88	252	Pg	Pn	17 55 45.4	+0.1
RPZ	Rata Peaks	0.88	252	Pg	Pn	17 55 46.8	0.0
RPZ	Rata Peaks	0.88	252	Pg	Pn	17 55 48.3	-0.4
RPZ	Rata Peaks	0.88	252	Pg	Pn	17 55 49.4	-0.1
RPZ	Rata Peaks	0.88	252	Pg	Pn	17 55 57.5	+0.2
RPZ	Rata Peaks	0.88	252	Pg	Pn	17 56 00.7	-0.8
RPZ	Rata Peaks	0.88	252	Pg	Pn	17 56 43.2	-2.4
RPZ	Rata Peaks	0.88	252	Pg	Pn	17 56 03.5	+0.1
RPZ	Rata Peaks	0.88	252	Pg	Pn	17 56 04.3	-0.3
RPZ	Rata Peaks	0.88	252	Pg	Pn	17 56 10.3	+2.1
RPZ	Rata Peaks	0.88	252	Pg	Pn	17 56 11.3	+0.5
RPZ	Rata Peaks	0.88	252	Pg	Pn	17 56 17.1	+2.1
RPZ	Rata Peaks	0.88	252	Pg	Pn	17 56 23.2	+0.1
RPZ	Rata Peaks	0.88	252	Pg	Pn	17 56 35.8	+0.1
RPZ	Rata Peaks	0.88	252	Pg	Pn	17 56 35.2	-2.4
RPZ	Rata Peaks	0.88	252	Pg	Pn	17 57 47.3	-3.1
ASAR	Alice Springs	37.10	290	P	P	18 02 14.0	-0.1
						2.2nm, 0.9s, baz=132, slow=8.4, SNR=15	
WRAB	Tennant Creek	39.36	294	P	P	18 02 33.2	+0.2
						4.8nm, 0.9s	
WRA	Warramunga Arr	39.36	294	P	P	18 02 33.0	-0.1
						1.8nm, 0.8s, baz=132, slow=7.6, SNR=16	
QSPA	South Pole Qui	46.67	180	P	P	18 03 34.2	+2.2
						0.7nm, 0.8s, baz=288, slow=2.9, SNR=5.5	
SYO	Syowa Base	62.50	197	P	P	18 05 27.0	+0.5
KSRS	Korea Array	90.01	326	P	P	18 08 03.1	+0.3
						1.2nm, 0.9s, baz=148, slow=4.9, SNR=5.1	
KSAR	Wonju Array Be	101.25	9	P	P	18 08 03.1	+0.3
TORD	Torodi Arr. Bea	148.71	199	PKPbc	PKPbc	18 14 51.5	+0.4
						1.6nm, 1.1s, baz=198, slow=2.5, SNR=5.5	
ARCES	ARCCESS Array B	148.83	338	PKPbc	PKPbc	18 14 50.0	0.0
						4.9nm, 0.9s, baz=71, slow=7.6, SNR=7.6	
BRTR	Keakin Array B	149.02	278	PKPbc	PKPbc	18 14 51.8	+0.3
						2.0nm, 0.8s, baz=145, slow=5.9, SNR=12.5	
FINES	FINESS Array B	150.37	324	PKPbc	PKPbc	18 14 59.8	-0.3
						2.4nm, 1.1s, baz=72, slow=6.2, SNR=5.2	
AKASA	Watin Array B	148.63	298	PKPbc	PKPbc	18 15 02.1	-0.2
						1.1nm, 0.2s, baz=71, slow=3.0, SNR=3.5	
NOA	NORSAR Array B	159.03	334	PKPab	PKPab	18 15 07.0	-0.3
						1.5nm, 0.8s, baz=45, slow=4.4, SNR=3.8	

IDC 03 17:57:21.5+1.0, 43:39S:171:91E, h0km, mb4.1/3,
 mb1 4.3/4, mb1mx3.9/15, mbtmp3.4/14, ML4.0/1, Error
 ellipse: s-maj=27.9km s-min=9.9km az=147.0

ISCJB 03 17:57:22.3+0.8, 43:35S:0:1:171:91E, h16km, mb4.0/6,
 Error ellipse: s-maj=19.0km s-min=7.6km az=139.4

NEIC 03 17:57:23.0+0.6, 43:39S:171:90E, h10km, mb4.0/3, Error
 ellipse: s-maj=15.8km s-min=8.6km az=143.0

ISC 03 17:57:23.0+0.8, 43:45S:0:1:171:91E:0:1, h16km, n14,
 c115/15, mb4.0/6, South Island

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
RPZ	Rata Peaks	0.68	239	Pg	Pg	17 57 34.9	-2.3
						880nm, 0.3s, baz=113, slow=2.0, SNR=9.6	
RPZ	Rata Peaks	0.68	239	Pg	Lg	17 57 44.9	
						678nm, 0.3s, baz=158, slow=23, SNR=16	
SNZO	South Karori	2.95	47	Pn	Pn	17 58 09.2	-0.8
URZ	Urewera	6.47	40	Pn	Pn	17 58 57.8	-0.6
						3.6nm, 0.3s, baz=253, slow=8.3, SNR=4.9	
URZ	Urewera	6.47	40	Pn	Sn	18 00 11.1	-0.8
						4.0nm, 0.3s, baz=102, slow=20, SNR=9.9	
EIDS	Eidsvoll	24.72	310	P	P	18 02 46.3	+2.0
						3.1nm, 0.8s	
AS31	Alice Springs	36.84	290	P	P	18 04 31.1	-0.3
ASAR	Alice Springs	36.84	290	P	P	18 04 31.9	+0.5
						2.4nm, 0.9s, baz=130, slow=6.3, SNR=14	
WRAB	Tennant Creek	39.36	294	P	P	18 04 50.5	+0.1
						5.6nm, 0.9s	
WRA	Warramunga Arr	39.36	294	P	P	18 04 50.8	+0.4
						1.5nm, 0.6s, baz=135, slow=7.8, SNR=12	
CASY	Casey	39.88	214	P	P	18 04 58.3	+1.9
						2.3nm, 0.8s	
QSPA	South Pole Qui	46.67	180	P	P	18 05 52.1	+0.1
						2.1nm, 1.1s, baz=26, slow=5.5, SNR=4.8	
ARCES	ARCCESS Array B	148.83	338	PKPbc	PKPbc	18 17 09.2	+0.2
						2.8nm, 0.6s, baz=46, slow=3.5, SNR=9.8	
TORD	Torodi Arr. Bea	148.71	199	PKPbc	PKPbc	18 17 10.4	-0.3
						2.1nm, 1.0s, baz=167, slow=1.8, SNR=6.6	
BRTR	Keakin Array B	149.02	278	PKPbc	PKPbc	18 17 10.8	+0.5
						2.3nm, 0.6s, baz=137, slow=7.2, SNR=7.9	
FINES	FINESS Array B	152.86	324	PKPbc	PKPbc	18 17 18.5	-0.5
						5.1nm, 1.0s, baz=198, slow=0.6, SNR=5.2	

IDC 03 17:58:11.5+13.0, 27:64S:76:36E, h0km, mb3.8/3,
 s-maj=427.0km s-min=42.1km az=45.0, Mid-Indian
 Ridge

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
H0S2	Diego Garcia H	20.23	349	T	T	18 24 08.8	
H0S1	Diego Garcia H	20.23	349	T	T	18 24 08.6	
H0S3	Diego Garcia H	20.23	349	T	T	18 24 09.9	
H01W	Cape Leeuwin H	32.94	112	T	T	18 41 02.7	
H01W	Cape Leeuwin H	32.94	112	T	T	18 41 02.7	
H01W	Cape Leeuwin H	32.94	112	T	T	18 41 01.8	
ASAR	Alice Springs	51.63	99	P	P	18 07 19.9	-0.3
						0.7nm, 0.7s, baz=252, slow=6.5, SNR=14	
WRA	Warramunga Arr	53.20	95	P	P	18 07 32.0	+0.1
						1.8nm, 0.8s, baz=253, slow=7.2, SNR=7.9	
MKAR	Makanchi Array	74.28	4	P	P	18 09 50.5	+0.1
						0.7nm, 0.8s, baz=197, slow=4.5, SNR=3.9	

ISCJB 03 18:01:09.3+0.7, 43:61S:0:09:172:47E:0:10, h16km,
 mb3.8/4, Error ellipse: s-maj=15.7km s-min=4.7km
 az=141.9

NEIC 03 18:01:11.6, 43:62S:172:32E, h2km, mb4.0/1,
 ML4.5(WEL), After WEL

NEIC Felt in the Christchurch area

IDC 03 18:01:11.2+1.3, 43:25S:172:19E, h0km, mb3.7/3,
 mb1 3.9/4, mb1mx3.7/15, mbtmp3.8/4, ML3.4/1, Error

ellipse: s-maj=30.7km s-min=12.6km az=146.0
 ISC 03 18:01:10.2+0.9, 43:55S:0:09:172:42E:0:08, h16km, n23,
 c114/24, mb3.8/4, South Island

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	ISC
RPZ	Rata Peaks	1.00	260	Pg	Pg	18 01 29.1	-0.2
						1µm, 0.3s, baz=114, slow=3.9, SNR=3.9	
RPZ	Rata Peaks	1.00	260	Pg	Lg	18 01 42.6	
						525nm, 0.3s, baz=104, slow=21, SNR=13	
RPZ	Rata Peaks	1.00	260	Pg	Pb	18 01 29.4	+0.1
RPZ	Rata Peaks	1.00	260	Pg	Sb	18 01 41.6	-0.6
KHZ	Kahutara	1.40	37	Pn	Pn	18 01 56.3	+0.9
ODZ	Otahua Downs	1.96	220	Pn	Pn	18 01 56.5	+1.1
ODZ	Otahua Downs	1.96	220	Pn	Pn	18 01 42.4	-0.4
ODZ	Otahua Downs	1.96	220	Pn	Pn	18 02 09.6	-0.3
NNZ	Nelson	2.44	17	Pn	Pn	18 01 51.0	+1.7
SNZO	South Karori	2.81	38	Pn	Pn	18 01 55.7	+1.3
WEL	Wellington	2.85	38	Pn	Pn	18 01 56.3	+1.2
MLZ	Mavora Lakes	3.53	238	Pn	Pn	18 02 05.4	+0.1
MRZ	Mangatainaka R	3.72	40	Pn	Pn	18 02 07.6	+0.5
WHZ	Wether Hill Ro	3.96	232	Pn	Pn	18 02 06.2	-4.0
WHZ	Wether Hill Ro	3.96	232	Pn	Pn	18 02 22.2	+2.7
DCZ	Deep Cove	4.54	222	Pn	Pn	18 02 13.4	-0.6
APZ	The Paps	4.54	222	Pn	Pn	18 02 18.1	-0.2
BKZ	Black Stump Fm	6.37	36	Pn	Pn	18 02 42.9	+0.2
URZ	Urewera	6.37	36	Pn	Pn	18 02 42.4	-0.9
						0.9nm, 0.3s, baz=122, slow=1.3, SNR=6.7	
URZ	Urewera	6.37	36	Pn	Sn	18 03 53.0	-2.7
						5.4nm, 0.3s, baz=75, slow=16, SNR=9.5	
URZ	Urewera	6.37	36	Pn	Pn	18 02 42.8	-0.5
MWZ	Matawai	6.49	38	Pn	Pn	18 02 44.4	-0.6
RAO	Raoul Island	16.23	32	Pn	Pn	18 04 59.9	-0.7
ASAR	Alice Springs	37.28	290	P	P	18 08 29.2	+1.4

3d 20h

Table with columns: Code, Station Name, Az, El, P, M, R, S, Res, ISC, Time, Res, ISC. Includes stations like MRSI Marisa, LUWI Luwuk, JUNU Nakatsue, etc.

2010 SEP

Table with columns: BILL, Station Name, Az, El, P, M, R, S, Res, ISC, Time, Res, ISC. Includes stations like BILL, MRSI Marisa, LUWI Luwuk, etc.

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Table with columns: Code, Station Name, Az, El, P, M, R, S, Res, ISC, Time, Res, ISC. Includes stations like FWZ Far West T-bar, URZ Urewera, etc.

3d 21h

2010 SEP

Table with columns for station name, frequency, power, and other technical details. Includes stations like MAJO Matushiro, MAJG Matushiro, MAJQ Matushiro, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KSRS comp=Z,0.9nm,0.3s, MA2 Magadan, HIA Hailar, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like BOD comp=Z,15nm,0.7s, HHC Hu-ho-hao-te, BTO Baotou, etc.

GYA	Guiyang	35.56 255	iP	P	21 22 21.5	-0.1
GYA			pP	pP	21 22 38.5	+2.1
GYA			sP	sP	21 22 46.0	+2.6
GYA			S	S	21 27 51.8	-1.4
GYA			sS	sS	21 28 20.4	+2.0
GYA			sCP	sCP	21 28 29.7	-0.5
GYA			SS	SS	21 30 12.0	-6.4
GYA			PMZ			
GYA	comp=Z,40nm,0.8s					
GYA	comp=Z,130nm,5.6s					
GYA	comp=Z,230nm,21.1s					
GYA	comp=Z,340nm,20.2s					
QIZ	Qizhongzhong	38.30 243	P	P	21 22 43.9	-0.9
QIZ			S	S	21 28 33.7	-1.1
QIZ	comp=Z,330nm,18.5s					
QIZ	comp=Z,230nm,16.8s					
QIZ	comp=Z,550nm,17.5s					
TTA	Tatalina	38.90 38	eP	P	21 22 50.5	+1.1
TTA			pmx	pmx		
TTA	comp=Z,30nm,1.0s					
TTA	comp=Z,30nm,1.0s					
SVW2	Sparrevohn	39.05 41	eP	P	21 22 51.1	+0.5
SVW2	comp=Z,21nm,0.8s					
KMI	Kunming	39.17 257	P	P	21 22 52.7	+0.4
KMI			pP	pP	21 23 15.5	+1.3
KMI			sP	sP	21 24 28.9	+2.8
KMI			Pn	Pn	21 28 47.3	-1.0
KMI			S	S	21 29 13.6	-0.1
KMI	comp=Z,12nm,0.9s					
KMI	comp=Z,120nm,3.8s					
KMI	comp=Z,270nm,20.2s					
KMI	comp=Z,280nm,19.0s					
KMI	comp=Z,370nm,27.3s					
IMO4	Indian Mountain	40.07 34	eP	P	21 22 59.8	+0.8
OHAO	Old Harbor	40.43 47	eP	P	21 23 02.0	0.0
RSHK	Redoubt South	40.45 42	eP	P	21 23 04.2	+1.7
PLLA	Purkeypile	40.65 38	eP	P	21 23 06.1	+2.1
ZAA0	Zalesovo Array	40.65 308	eP	P	21 23 03.5	-0.4
ZALV	Zalesovo Beam	40.65 308	P	P	21 23 03.2	-0.7
ZALV	comp=Z,11nm,0.5s,baz=89,slow=7.6,SNR=47					
ZALV	comp=Z,24nm,0.7s,baz=85,slow=2.8,SNR=13					
ZALV	comp=Z,361nm,18.1s,baz=72,slow=38					
CAST	Castle Rocks	40.69 38	eP	P	21 23 06.0	+1.8
CAST	comp=Z,38nm,0.8s					
KDAK	Kodiak Island	40.75 46	P	P	21 23 05.0	+0.3
KDAK	comp=Z,35nm,0.7s,baz=284,slow=3.7,SNR=29					
KDAK	comp=Z,95nm,0.7s,baz=285,slow=5.1,SNR=21					
KDAK	Kodiak Island	40.75 46	P	P	21 23 05.0	+0.3
KDAK	comp=Z,35nm,0.7s					
KDAK	comp=Z,95nm,0.7s					
KDAK	Kodiak Island	40.75 46	P	P	21 23 05.0	+0.3
KDAK	comp=Z,292nm,0.7s,SNR=8.7					
KDAK	Kodiak Island	40.75 46	eP	P	21 23 05.2	+0.6
KDAK	comp=Z,100nm,0.8s					
KDAK	Son La	40.75 252	eP	P	21 23 19.5	-0.2
SLVN			pP	pP	21 23 04.7	-0.5
SLVN			eP	eP	21 23 21.1	+0.8
SPU	Mount Spurr	40.76 41	eP	P	21 23 06.6	+1.8
BPAW	Bear Paw Mtn	41.18 37	eP	P	21 23 09.2	+1.0
BPAW	comp=Z,40nm,0.7s					
CNPM	China Pool	41.28 44	eP	P	21 23 10.5	+1.5
CNPM	comp=Z,24nm,0.7s					
MLY	Manley	41.29 35	eP	P	21 23 10.6	+1.5
MLY	comp=Z,24nm,0.8s					
WMQ	Urumqi	41.37 292	P	P	21 23 10.7	+0.6
WMQ			pP	pP	21 23 27.5	+2.3
WMQ			sP	sP	21 23 32.2	+0.1
WMQ			PcP	PcP	21 25 06.2	-1.1
WMQ			eS	eS	21 29 15.9	-4.5
WMQ			SS	SS	21 32 23.2	-2.6
WMQ	comp=Z,21nm,0.7s					
WMQ	comp=Z,130nm,4.0s					
WMQ	comp=Z,1um,17.5s					
WMQ	comp=Z,490nm,12.0s					
WMQ	comp=Z,660nm,20.6s					
SUA	Susitna One	41.37 41	eP	P	21 23 10.6	+0.6
SUA	comp=Z,29nm,0.7s					
NVS	Novosibirsk	41.41 309	eP	P	21 23 09.6	-0.6
NVS			eS	eS	21 25 06.4	0.0
NVS			S	S	21 29 13.5	-7.1
NVS	comp=N,8.0nm,1.4s					
NVS	comp=E,19nm,1.4s					
NVS	comp=Z,24nm,1.4s					
NVS	comp=N,2.0nm,1.0s					
NVS	comp=E,7.0nm,1.0s					
NVS	comp=Z,15nm,1.0s					
NVS	comp=N,7.0nm,1.4s					
BRLK	Bradley Lake	41.43 43	eP	P	21 23 11.3	+1.0
BRLK	comp=Z,29nm,0.7s					
TRF	Thorofore Moun	41.50 38	eP	P	21 23 11.9	+0.9
TRF	comp=E,26nm,0.7s					
COLD	Coldfoot	41.58 32	eP	P	21 23 12.6	+1.2
COLD	comp=Z,28nm,0.7s					
BWN	Brown	41.85 37	eP	P	21 23 16.0	+2.3
BWN	comp=E,156nm,1.0s					
RC01	Rabbit Creek A	41.88 41	eP	P	21 23 14.6	+0.6
RC01	comp=Z,42nm,0.8s					
MCK	McKinley	42.09 37	eP	P	21 23 16.8	+1.1
MCK			pmx	pmx		
MCK	comp=Z,40nm,1.0s					
MCK	McKinley	42.09 37	eP	P	21 23 16.8	+1.1
MCK	comp=Z,40nm,1.0s					
SEW	Seward	42.12 43	eP	P	21 23 16.4	+0.5
SEW	comp=Z,37nm,1.0s					
PMR	Palmer	42.13 40	eP	P	21 23 16.5	+0.5
PMR			pmx	pmx		
PMR	comp=Z,40nm,1.0s					
RND	Reindeer	42.13 40	eP	P	21 23 16.5	+0.5
RND	comp=Z,40nm,1.0s					
RND	Reindeer	42.15 38	eP	P	21 23 16.6	+0.4
RND	comp=Z,39nm,0.8s					
RND	Reindeer	42.15 38	eP	P	21 23 16.6	+0.4
RND	comp=Z,39nm,0.8s					
MDM	Murphy Dome	42.36 35	eP	P	21 23 19.8	+2.0
MDM	comp=Z,10nm,0.8s					
WRH	Wood River Hill	42.44 36	eP	P	21 23 19.3	+0.9
WRH	comp=Z,28nm,0.8s					
SML	Sawmill	42.50 40	eP	P	21 23 19.8	+0.8
SML			pmx	pmx		
SML	comp=Z,104nm,0.9s					
SML	Sawmill	42.50 40	eP	P	21 23 19.8	+0.8
SML	comp=Z,104nm,0.9s					
COLA	College	42.52 35	eP	P	21 23 22.6	+3.5
COLA			pmx	pmx		
COLA	comp=Z,107nm,0.6s					
COLA	College	42.52 35	eP	P	21 23 22.6	+3.5
COLA	comp=Z,107nm,0.6s					
CCB	Clear Creek Bu	42.55 36	eP	P	21 23 20.0	+0.7

DHY	Denali Highway	42.84 38	eP	P	21 23 22.5	+0.6
HDA	Harding Lake	42.93 36	eP	P	21 23 20.6	-1.8
HDA	comp=Z,7nm,1.0s					
IL1	Eielson Array	42.94 36	eP	P	21 23 22.3	-0.2
ILAR	Eielson Array	42.94 36	P	P	21 23 22.9	+0.5
ILAR	comp=Z,18nm,0.7s,baz=258,slow=5.9,SNR=152					
ILAR	comp=Z,23nm,1.0s,baz=275,slow=10.0,SNR=11					
ILAR	comp=Z,3.7nm,0.8s,baz=287,slow=3.5,SNR=2.4					
SCM	Sheep Creek Mo	42.97 40	eP	P	21 23 24.1	+1.3
SCM			pmx	pmx		
SCM	comp=Z,30nm,0.6s					
SCM	Sheep Creek Mo	42.97 40	eP	P	21 23 24.1	+1.3
SCM	comp=Z,30nm,0.6s					
FYU	Fort Yukon	43.53 33	eP	P	21 23 29.8	+2.6
FYU	comp=Z,94nm,0.7s					
SKNT	Sakolnakorn	43.67 247	P	pP	21 23 41.5	-2.6
KLU	Klutina	43.67 40	eP	P	21 23 29.7	+1.1
KLU	comp=Z,65nm,1.0s					
PAX	Paxson	43.71 38	eP	P	21 23 30.6	+1.8
PAX			e	e	21 25 15.5	
PAX			pmx	pmx		
PAX	comp=Z,13nm,0.8s					
PAX	Paxson	43.71 38	eP	P	21 23 30.6	+1.8
PAX	comp=Z,13nm,0.8s					
PAX	Divide	43.79 41	eP	P	21 23 31.0	+1.5
UBPT	Khong Chiam	43.88 244	eP	sP	21 23 51.2	-1.5
UBPT	comp=Z,15nm,2.3s					
EYAK	Cordova Ski Ar	43.89 42	eP	P	21 23 31.8	+1.7
EYAK	comp=Z,43nm,1.2s					
RIDG	Independ' Rid	43.91 37	eP	P	21 23 30.6	+0.2
RIDG	comp=Z,29nm,1.0s					
HARP	HARP	43.92 39	eP	P	21 23 32.4	+2.0
HARP	comp=Z,91nm,0.9s					
MK31	Makanchi Array	44.00 298	eP	P	21 23 31.1	-0.2
MK31	Makanchi Array	44.00 298	eP	P	21 23 31.1	-0.2
MKAR	Makanchi Array	44.00 298	P	P	21 23 31.3	0.0
MKAR	comp=Z,19nm,0.7s,baz=82,slow=8.7,SNR=79					
MKAR	comp=Z,14nm,0.7s,baz=80,slow=9.7,SNR=9.5					
MKAR	comp=Z,8.1nm,0.8s,baz=54,slow=3.7,SNR=3.6					
MKAR	Makanchi Array	44.00 298	P	P	21 23 31.4	-1.1
MKAR			*PP	*PP	21 25 16.5	
MKAR	Makanchi Array	44.00 298	P	P	21 23 31.8	+1.7
MKAR	comp=Z,19nm,0.7s					
MKAR	comp=Z,14nm,0.7s					
MKAR	comp=Z,213nm,20.4s					
MK01	Makanchi Array	44.00 298	eP	P	21 23 31.1	-0.2
DOT	Dot Lake	44.27 37	eP	P	21 23 32.0	-1.2
DOT	comp=Z,5nm,0.7s					
BMRM	Bremner River	44.38 41	eP	P	21 23 35.4	+1.2
BMRM	comp=Z,65nm,1.0s					
BMRM	Ragged Mountain	44.44 42	eP	PP	21 25 17.9	-0.4
RAGM			eP	eP	21 23 36.6	+2.0
RAGM	comp=Z,37nm,0.9s					
DLV	T Lat	44.45 237	eP	P	21 23 36.0	+0.7
MENT	Mentasta	44.51 38	eP	P	21 23 36.2	+1.0
KHON	Khomkaen	44.90 247	P	pP	21 23 54.0	0.0
KHON	comp=Z,1um,comp=Z,20nm,0.9s					
TNTI	Tentale	44.91 206	eP	P	21 23 39.2	+0.4
TNTI	comp=Z,40nm,0.9s					
SMPI	Sarmi	45.01 190	P	sP	21 23 59.6	-2.0
LSA	Lhasa	45.06 272	P	P	21 23 40.4	0.0
LSA	Lhasa	45.06 272	eP	P	21 23 41.2	+0.7
LSA			pmx	pmx		
LSA	Lhasa	45.06 272	eP	P	21 23 41.1	+0.7
LSA	comp=Z,16nm,0.8s					
LSA	Lhasa	45.06 272	eP	P	21 23 55.9	+0.2
LSA	comp=Z,73nm,0.8s,comp=Z,6nm					
JMAY	Jayapura	45.32 187	P	P	21 23 41.8	-0.2
JMAY	comp=Z,9.5nm,0.9s,baz=172,slow=19,SNR=2.7					
EGAK	Eagle	45.38 35	eP	P	21 23 42.5	+0.6
EGAK	comp=Z,244nm,0.8s					
GENI	Geniyem	45.45 188	P	sP	21 24 02.5	-2.6
CHTO	Chiang Mai	45.90 253	eP	P	21 23 47.1	+0.4
CHTO			pmx	pmx		
CHTO	comp=Z,29nm,0.8s					
CHTO	Chiang Mai Arr	45.90 253	eP	P	21 23 47.1	+0.4
CHTO	SNR=6.7					
CMAR	Chiang Mai Arr	46.14 253	P	P	21 23 49.1	+0.6
CMAR	comp=Z,9.8nm,0.8s,baz=43,slow=7.4,SNR=23					
CMAR	comp=Z,3.7nm,0.8s,baz=44,slow=7.1,SNR=19					
CMAR	comp=Z,2.9nm,0.8s,baz=352,slow=2.2,SNR=4.3					
CMAR	Chiang Mai Arr	46.15 253	eP	P	21 23 48.8	+0.2
CM01			eP	eP	21 24 02.8	-1.1
LBMI	Labuha	46.19 205				

AKBB	Malin Array Si	71.65 323	eP	P	21 26 44.3	-0.6
AKBB	Malin Array Si	71.65 323	eP	P	21 26 44.3	-0.6
KIEV	Kiev	71.66 323	eP	P	21 26 44.7	-0.3
KIEV	Kiev	71.66 323	eP	P	21 26 43.8	-1.2
KONO	Kongsberg	71.67 338	eP	IAMB	21 26 44.8	-0.1
KONO	KONO	71.67 338	eP	IAMB	21 26 46.7	
DECC	Green Verdugo	71.68 60	P	P	21 26 46.2	+0.7
AK11	Malin Array Si	71.69 323	eP	P	21 26 45.1	-0.1
SUE	Sulen	71.70 341	eP	IAMB	21 26 45.3	+0.3
SUW	Suwalki	71.71 328	eP	P	21 26 44.9	-0.3
SUW	Suwalki	71.71 328	eP	P	21 26 44.2	+0.7
D25A	Fairfield	71.71 42	P	P	21 26 46.2	+0.7
ANN	Anapa	71.80 315	eP	P	21 26 45.4	-0.5
ANN	ANN	71.80 315	eP	P	21 29 22.7	
ANN	ANN	71.80 315	eP	P	21 36 01.0	-0.6
J20A	Shoshoni	71.83 47	P	P	21 26 47.2	+0.9
NLU	North Lily Min	71.83 52	eP	P	21 26 47.6	+1.1
B27A	Peters Farms,	71.84 40	P	P	21 26 46.6	+0.4
C26A	Wahner Farm, P	71.84 41	P	P	21 26 47.3	+1.0
H22A	Clearmont	71.92 46	P	P	21 26 47.3	+0.5
I21A	Big Trails, Te	71.95 47	P	P	21 26 47.7	+0.6
A28A	Rude Farm, Bot	71.95 39	P	P	21 26 47.5	+0.6
GSC	Goldstone	71.97 58	eP	P	21 26 48.2	+0.9
GSC	Goldstone	71.97 58	eP	P	21 26 47.9	+0.6
GSC	Goldstone	71.97 58	eP	P	21 26 48.2	+0.9
GSC	Goldstone	71.97 58	eP	P	21 26 48.2	+0.9
GSC	Goldstone	71.97 58	eP	P	21 26 48.2	+0.9
O16A	Springville	72.00 52	eP	P	21 26 55.5	+8.0
MPU	Maple Canyon	72.05 52	eP	P	21 26 49.2	+1.4
ASK	Askoy	72.09 341	eP	IAMB	21 26 48.0	+0.6
RUND	Rundenannen	72.11 340	eP	P	21 26 48.4	+0.8
BFSC	Mount Baldy Ra	72.11 60	P	P	21 26 49.0	+0.8
RRX	Edison Barstow	72.12 59	P	P	21 26 49.3	+1.2
E25A	Miller Ranch,	72.12 43	P	P	21 26 48.7	+0.8
BER	Bergen	72.14 340	eP	IAMB	21 26 48.3	+0.6
BER	Bergen	72.14 340	eP	IAMB	21 26 50.8	
J21A	Lysite	72.18 47	P	P	21 26 48.8	+0.3
C27A	Saylor Ranch,	72.21 41	P	P	21 26 49.6	+1.2
SHPR	Sheep Range	72.22 57	eP	P	21 26 50.2	+1.4
B28A	Dugan Ranch, T	72.23 40	P	P	21 26 49.2	+0.7
ODD1	Odda	72.23 340	eP	IAMB	21 26 49.2	+0.9
ODD1	ODD1	72.23 340	eP	IAMB	21 26 51.5	
D26A	Manning	72.23 42	P	P	21 26 49.0	+0.4
BORG	Borgarnes	72.30 354	iP	P	21 26 53.2	+4.6
BORG	Borgarnes	72.30 354	iP	P	21 26 50.4	+1.9
I22A	9 Mile Ranch,	72.32 46	P	P	21 26 50.0	+0.7
BANOM	Banah	72.37 289	iP	P	21 26 49.9	+0.2
A29A	Manning Farm,	72.42 39	P	P	21 26 49.9	+0.3
H23A	Clabaugh Cattl	72.44 45	P	P	21 26 50.3	+0.4
TUQ	Turquoise Moun	72.44 58	P	P	21 26 50.9	+0.8
F25A	Bowman	72.49 43	P	P	21 26 50.6	+0.4
HEC	Hector,Ludlow	72.58 59	P	P	21 26 51.9	+1.0
E26A	Carlson Angus	72.61 42	P	P	21 26 51.3	+0.4
D27A	Center	72.62 41	P	P	21 26 51.6	+0.7
J22A	Midwest	72.65 47	P	P	21 26 51.7	+0.5
B29A	Wagenman Farm,	72.69 39	P	P	21 26 51.8	+0.5
BL5S	Blasio	72.70 339	eP	IAMB	21 26 51.9	+0.8
BL5S	BL5S	72.70 339	eP	IAMB	21 26 57.4	
C28A	Hausauer Farms	72.74 40	P	P	21 26 52.6	+1.0
TMUT	Trail Mountain	72.77 52	eP	P	21 26 53.8	+1.6
I23A	Meade Ranch, G	72.82 46	P	P	21 26 52.8	+0.6
MURC	Murrieta	72.82 60	P	P	21 26 52.9	+0.6
P17A	Butcher Ranch,	72.92 52	eP	P	21 26 54.4	+1.4
F26A	Lodgepole	72.94 43	P	P	21 26 53.5	+0.6
ULM	Lac du Bonnet	72.96 36	P	P	21 26 52.0	-0.7
MDND	Maddock	73.02 40	P	P	21 26 53.7	+0.5
G25A	Newell	73.02 44	P	P	21 26 53.9	+0.5
D28A	Regan	73.02 41	P	P	21 26 53.8	+0.5
GMRC	Granite Mounta	73.03 58	P	P	21 26 54.3	+0.7
UOSS	Wadi Hilu	73.05 288	P	P	21 26 53.2	-0.6
UOSS	Wadi Hilu	73.05 288	eP	P	21 26 53.8	+0.2
E27A	Carson	73.08 42	P	P	21 26 54.1	+0.5
P18A	Preston Nutter	73.10 51	eP	P	21 26 55.5	+1.3
HOMB	Homborsund	73.14 338	eP	P	21 26 56.6	+2.9
HOQ	Hogain	73.14 287	P	P	21 26 55.0	+0.7
K22A	Casper	73.14 47	P	P	21 26 54.6	+0.3
K22A	Casper	73.14 47	eP	P	21 26 54.2	-0.1
J23A	Dilts Ranch, B	73.15 46	P	P	21 26 54.6	+0.3
B30A	Myrvik Farm, E	73.17 39	P	P	21 26 54.6	+0.5
LDFC	Landfair	73.18 58	eP	P	21 26 55.3	+0.8
HATD	Hatta, Dubai	73.18 288	iP	P	21 26 54.7	+0.2
KMY	Karmoy	73.19 340	eP	P	21 26 55.0	+1.1
F27A	Lemmon	73.25 42	P	P	21 26 55.0	+0.4
PFO	Pinyon Flat Ob	73.28 60	eP	P	21 26 55.3	+0.1
PFO	PFO	73.28 60	eP	P	21 26 55.7	+0.6
PFO	Pinyon Flat Ob	73.28 60	eP	P	21 26 55.3	+0.1
SRU	San Rafael	73.29 52	eP	P	21 26 56.3	+1.1
SRU	SRU	73.29 52	eP	P	21 26 56.3	+1.1
SRU	San Rafael	73.29 52	eP	P	21 26 56.3	+1.1
BEUC	Belle Min. Jns	73.32 59	P	P	21 26 55.9	+0.5
ASHO	Ashiyah	73.32 288	iP	P	21 26 55.5	+0.1

H25A	Fruitdale	73.33 44	P	P	21 26 55.8	+0.6
109C	Camp Elliot, M	73.33 61	P	P	21 26 56.2	+0.9
G26A	Maurine	73.37 43	P	P	21 26 55.5	+0.2
BTU	Barney Top	73.39 54	eP	P	21 26 58.1	+2.0
E28A	Huff	73.40 41	eP	P	21 26 56.0	+0.5
NAZ	Nazwa, Dubai	73.40 289	iP	P	21 26 56.1	+0.3
SNART	SNART	73.44 339	eP	IAMB	21 26 56.2	+0.8
MMU	Miners Mountai	73.44 53	eP	P	21 26 57.9	+1.7
RSSD	Black Hills	73.45 45	eP	P	21 26 55.5	+0.4
RSSD	Black Hills	73.45 45	eP	P	21 26 56.5	+0.4
RSSD	Black Hills	73.45 45	eP	P	21 26 56.5	+0.4
K23A	Bowen Ranch, D	73.56 47	P	P	21 26 56.7	+0.1
FAQ	Al Faqa, Dubai	73.61 289	iP	P	21 26 56.6	-0.4
G27A	Dupree	73.64 43	P	P	21 26 57.4	+0.4
C30A	Mose, Pekin	73.65 39	P	P	21 26 56.9	0.0
J24A	Dixon Ranch, L	73.67 46	P	P	21 26 57.4	+0.1
I25A	Rochford	73.68 45	P	P	21 26 57.8	+0.4
BAR	Barrett	73.75 61	eP	P	21 26 58.9	+1.2
IRM	Iron Mountain	73.75 58	P	P	21 26 58.6	+0.8
H26A	Fairpoint	73.75 44	P	P	21 26 57.9	+0.3
BSY	Bisya	73.76 286	P	P	21 26 58.9	+0.9
MONP	Monument Peak	73.77 60	P	P	21 26 58.5	+0.3
BSD	Bornholm Skovb	73.82 333	iP	P	21 26 58.1	+0.4
BSD	Bornholm Skovb	73.82 333	iP	P	21 26 58.1	+0.4
ASUD	Al Ashush, Dub	73.87 289	iP	P	21 26 58.8	+0.3
F28A	McLaughlin	73.87 42	P	P	21 26 58.8	+0.5
BC3	Big Chuckawall	73.89 59	P	P	21 26 59.4	+0.7
O20A	White River G	73.91 50	P	P	21 26 59.1	+0.3
O20A	White River Ci	73.91 50	eP	P	21 26 59.6	+0.8
E29A	Napoleon	73.92 41	P	P	21 26 58.5	0.0
C31A	Landman Farms,	73.93 39	P	P	21 26 58.6	0.0
D30A	Buchanan	73.95 40	P	P	21 26 58.8	+0.2
B32A	Ashes, Strandg	74.03 38	P	P	21 26 59.0	-0.1
J25A	Sunshine Ranch	74.08 45	P	P	21 26 59.5	-0.1
H27A	Howes	74.09 43	P	P	21 27 00.0	+0.4
I26A	New Underwood	74.12 44	P	P	21 27 00.1	+0.3
IBP	Imperial Bould	74.13 60	P	P	21 27 01.0	+0.9
SWSC	Sam W. Stewart	74.14 60	P	P	21 27 00.8	+0.9
COP	Copenhagen	74.16 335	iP	P	21 27 00.4	+0.8
COP	Copenhagen	74.16 335	iP	P	21 27 00.4	+0.8
PDMCI	Parker Dam,Lak	74.29 58	P	P	21 27 01.7	+0.8
BEL	Belsk	74.31 328	eP	P	21 27 01.6	+1.0
BEL	Belsk	74.31 328	eP	P	21 27 01.6	+1.0
E30A	Juc	74.31 40	P	P	21 27 01.0	+0.2
F29A	Eureka	74.35 41	P	P	21 27 01.5	+0.4
G28A	Parade	74.36 42	P	P	21 27 01.6	+0.4
STKA	Stephens Creek	74.40 183	P	LR	21 27 00.8	-0.4
AGMN	Agassiz Nation	74.41 38	P	P	21 27 01.2	-0.1
AGMN	Agassiz Nation	74.41 38	eP	P	21 27 01.4	+0.2
AGMN	Agassiz Nation	74.41 38	eP	P	21 27 01.6	-0.1
Y12C	Blythe	74.41 58	P	P	21 27 02.8	+1.2
D31A	McClaffin, Tow	74.47 39	P	P	21 27 01.5	-0.2
PV09	Paradox Valley	74.50 52	eP	P	21 27 03.6	+1.2
PV09	PV09	74.50 52	eP	P	21 27 19.9	+1.1
GKP	Gorka Klasztor	74.50 331	eP	P	21 27 01.9	+0.2
GKP	Gorka Klasztor	74.50 331	eP	P	21 27 02.0	+0.2
I27A	Quinn	74.51 44	P	P	21 27 02.7	+0.6
J26A	Sides Ranch, S	74.51 45	P	P	21 27 02.8	+0.6
LVV	L'vov	74.55 325	iP	SKIKP	21 27 01.7	-0.4
LVV	LVV	74.55 325	iP	SKIKP	21 36 26.1	+3.8
LVV	LVV	74.55 325	iP	SKIKP	21 36 26.1	+3.8
LVV	LVV	74.55 325	iP	SKIKP	21 36 26.1	+3.8
K25A	Mack Ranch, Ha	74.59 46	P	P	21 27 02.8	+0.2
H28A	Mission Ridge	74.60 43	P	P	21 27 03.2	+0.7
PV10	Paradox Valley	74.64 52	eP	P	21 27 05.0	+1.8
PHWY	Pilot Hill	74.65 48	eP	P	21 27 04.2	+1.0
N23A	Red Feather La	74.67 48	P	P	21 27 04.2	+0.9
N23A	Red Feather La	74.67 48	eP	P	21 27 04.6	+1.3
GLA	Glamis	74.68 59	eP	P	21 27 04.4	+1.2
GLA	GLA	74.68 59	eP	P	21 27 04.1	+0.9
GLA	Glamis	74.68 59	eP	P	21 27 04.1	+0.9
GLA	Glamis	74.68 59	eP	P	21 27 04.4	+1.2
PV04	Paradox Valley	74.70 52	eP	P	21 27 04.1	+0.6
D32A	Dogwood Acres,	74.74 39	P	P	21 27 03.2	-0.1
F30A	Leola	74.74 41	P	P	21 27 03.3	0.0
E31A	Nome	74.76 40	P	P	21 27 03.5	+0.2
G29A	Hoven	74.77 42	P	P	21 27 03.5	0.0
PV05	Paradox Valley	74.81 52	eP	P	21 27 05.3	+1.3
L25A	Engobretsen Ra	74.86 46	P	P	21 27 04.3	+0.3
K26A	Motz Farm, Whi	74.89 45	P	P	21 27 04.7	+0.4
IAS	lasi	74.96 321	iP	P	21 27 05.2	+0.7
I28A	Midland	75.00 43	P	P	21 27 05.3	+0.4
H29A	Onida	75.03 42	P	P	21 27 05.2	+0.2
J27A	Elkhorn Farm,	75.11 44	P	P	21 27 06.3	+0.7
WUAZ	Wupatki	75.18 55	P	P	21 27 07.8	+1.6
WUAZ	Wupatki	75.18 55	eP	P	21 27 07.8	+1.6
G30A	Faulkton	75.19 41	P	P	21 27 06.1	+0.2
KWP	Kalwarria Pacla	75.24 326	eP	P	21 27 06.9	+0.8
KWP	Kalwarria Pacla	75.24 326	eP	P	21 27 06.9	+0.8
SMCO	Snowmass	75.27 50	eP	P	21 27 08.0	+1.0
D33A	AnnSam, Waubun	75.27 38	P	P	21 27 06.4	0.0

DSB	Dublin	81.33	343	eP	P	21 27 40.1	+0.5
DSB	Dublin	81.33	51	eP	P	21 27 42.9	-2.7
MSTX	Muleshoe	81.33	51	eP	P	21 27 40.7	+0.5
MSTX	Muleshoe	81.33	51	eP	P	21 27 41.1	+1.0
DOU	Dourbes	81.39	336	P	P	21 27 40.1	+0.1
Q35A	Mercer Eighty,	81.39	44	P	P	21 27 40.1	-0.2
WATA	Walderalm	81.45	330	iP	P	21 27 40.9	+0.3
WTTA	Wattenberg	81.49	330	iP	P	21 27 41.4	+0.6
T33A	Patterson Ranc	81.57	47	P	P	21 27 41.4	+0.2
BOJS	Bojanci	81.58	327	eP	P	21 27 41.0	-0.1
ABTA	Abfallersbach	81.60	329	iP	P	21 27 40.6	-0.7
X29A	Tulia	81.60	50	P	P	21 27 42.1	+0.5
Q36A	Arnold C. Orve	81.61	44	P	P	21 27 41.2	-0.2
MOTA	Moosalm	81.62	331	iP	P	21 27 41.8	+0.3
RETA	Reutte	81.62	331	iP	P	21 27 42.0	+0.7
V31A	Spring Creek L	81.67	48	P	P	21 27 42.6	+0.8
U32A	Winter Ranch,	81.68	47	P	P	21 27 42.3	+0.4
R35A	Emporia Munici	81.71	44	P	P	21 27 42.0	0.0
STRD	Stroud	81.73	340	eP	P	21 27 41.7	0.0
BFO	Black Forest	81.74	333	iP	P	21 27 42.2	+0.3
BFO	Black Forest	81.74	333	eP	P	21 27 42.0	0.0
BFO	Black Forest	81.74	333	eP	P	21 27 41.9	0.0
VAY	Valandovo	81.75	320	eP	P	21 27 43.4	+1.3
SKO	Skojpe	81.77	321	eP	P	21 27 43.9	+1.8
MONM	Monmouth	81.83	341	eP	P	21 27 42.2	-0.1
CLNB	Carlsbad	81.92	53	eP	P	21 27 44.0	+0.8
FETA	Feichten	82.03	331	iP	P	21 27 44.1	+0.5
Y29A	Porterfield Fa	82.05	51	P	P	21 27 44.5	+0.7
Z28A	Tucker Farm, M	82.05	52	P	P	21 27 44.6	+0.7
X30A	Coker Ranch, T	82.07	50	P	P	21 27 44.3	+0.3
R36A	Gordon, Harris	82.07	44	P	P	21 27 44.0	+0.2
PLG	Polygyros	82.07	319	P	P	21 27 43.9	+0.1
DAVA	Daruels	82.10	331	iP	P	21 27 44.4	+0.4
U33A	Lingo Farm, Me	82.12	47	P	P	21 27 44.5	+0.3
S35A	Outer Creek Ra	82.14	45	P	P	21 27 44.4	+0.2
V32A	Arapaho	82.15	48	P	P	21 27 45.1	+0.8
T34A	McClaskey Farm	82.18	46	P	P	21 27 45.0	+0.6
Q37A	Longview Farm,	82.18	43	P	P	21 27 44.1	-0.3
ECH	Echery	82.23	333	eP	P	21 27 44.4	-0.1
R37A	Teagarden Farm	82.42	44	P	P	21 27 45.6	-0.1
U34A	Anderson Ranch	82.43	47	P	P	21 27 46.4	+0.7
U34A	Anderson Ranch	82.43	47	eP	P	21 27 46.7	+1.0
X31A	McDonald Ranch	82.44	49	P	P	21 27 46.5	+0.7
Z29A	Hungry Hill Ra	82.46	51	P	P	21 27 47.0	+0.9
Y30A	Stafford Atti	82.47	50	P	P	21 27 46.6	+0.6
128A	Castleberry Fa	82.47	52	P	P	21 27 46.8	+0.7
W32A	Sentinel	82.48	48	P	P	21 27 46.9	+0.8
S36A	Lake Cedric, C	82.48	44	P	P	21 27 46.1	+0.2
V33A	Lossen Ranch,	82.49	47	P	P	21 27 46.5	+0.5
FUORN	Ofenpass-Fuorn	82.53	331	eP	P	21 27 46.9	+0.5
T35A	Sooner Cattle	82.61	46	P	P	21 27 47.1	+0.4
FNA	Florida	82.73	321	P	P	21 27 47.1	-0.2
OHR	Ohrid	82.74	321	eP	P	21 27 47.5	+0.1
Y31A	Rekieta Farm,	82.77	50	P	P	21 27 47.9	+0.3
Z30A	Sanderson Ranc	82.77	51	P	P	21 27 48.0	+0.3
228A	UT Block 9, Go	82.78	53	P	P	21 27 48.7	+0.9
HEX	Exmoor	82.78	341	eP	P	21 27 47.7	+0.4
129A	Stewart Farms	82.83	52	P	P	21 27 48.4	+0.4
T36A	Boggs Farm, Ca	82.83	45	P	P	21 27 48.4	+0.6
S37A	Fort Scott	82.84	44	P	P	21 27 48.0	+0.2
W33A	Caddo, Fort Co	82.88	48	P	P	21 27 49.1	+1.0
V34A	Guthrie	82.89	47	P	P	21 27 48.6	+0.5
V34A	Guthrie	82.89	47	eP	P	21 27 49.0	+0.9
U35A	Pawnee	82.91	46	P	P	21 27 48.7	+0.4
X32A	Elmer	82.98	49	P	P	21 27 49.1	+0.5
TIR	Tirane	82.98	322	eP	P	21 27 48.9	+0.4
TIR	Tirane	82.98	322	eP	P	21 27 48.9	+0.4
TUE	Stuetta	82.99	331	eP	P	21 27 49.2	+0.4
WMOK	Wichita Mounta	83.02	48	eP	P	21 27 49.4	+0.6
WMOK	Wichita Mounta	83.02	48	eP	P	21 27 49.4	+0.6
Y32A	R-V Farms, Ver	83.20	49	P	P	21 27 50.2	+0.5
W34A	Bridge Creek,	83.20	47	P	P	21 27 50.6	+0.8
W34A	Bridge Creek,	83.20	47	eP	P	21 27 50.9	+1.1
T37A	Cheneyville 18	83.28	44	P	P	21 27 50.6	+0.4
V35A	Meyer Ranch, C	83.31	47	P	P	21 27 51.0	+0.7
Z31A	Sharp Cattle R	83.31	50	P	P	21 27 51.0	+0.6
229A	Bryant Ranch,	83.34	52	P	P	21 27 51.1	+0.5
HDIL	Hopedale	83.36	39	P	P	21 27 50.3	-0.1
HDIL	Hopedale	83.36	39	eP	P	21 27 51.1	+0.7
U36A	Oologah	83.42	45	P	P	21 27 51.1	+0.3
329A	Wagon Wheel Ra	83.59	53	P	P	21 27 52.6	+0.7
X34A	Smith Ranch, M	83.64	48	P	P	21 27 52.7	+0.7
131A	Roby	83.64	51	P	P	21 27 52.8	+0.7
Y33A	Hilltop Ranch	83.65	49	P	P	21 27 52.4	+0.4
AGG	Agios Georgios	83.66	319	eP	P	21 27 51.4	-0.7

AGG	comp=Z,18nm,0.9s	83.66	319	eP	P	21 27 51.4	-0.7
Z32A	Hasell	83.69	50	P	P	21 27 52.8	+0.5
U37A	Salina	83.73	45	P	P	21 27 53.0	+0.6
PMOR	Pomarioiro Ree	83.75	17	eT	T	23 00 19.5	
W35A	Tecumseh	83.75	47	P	P	21 27 53.0	+0.4
TUL1	Tulsa	83.75	46	P	P	21 27 53.1	+0.6
TUL1	Tulsa	83.75	46	eP	P	21 27 53.3	+0.7
V36A	Jenks	83.77	46	P	P	21 27 53.1	+0.4
SENI	Las Senin/Sane	83.80	332	eP	P	21 27 53.0	+0.1
230A	Sterling City	83.80	52	P	P	21 27 53.8	+0.8
U38A	Gravette	84.08	45	P	P	21 27 54.5	+0.3
ABTX	Abilene, Hawle	84.10	50	P	P	21 27 55.2	+0.7
ABTX	Abilene, Hawle	84.10	50	eP	P	21 27 55.6	+1.1
W36A	Wetumka	84.11	47	P	P	21 27 54.9	+0.6
Z33A	Whitaker Ranch	84.11	49	P	P	21 27 54.9	+0.5
V37A	Hubert	84.11	45	P	P	21 27 55.0	+0.6
330A	Mertzton	84.12	52	P	P	21 27 54.9	+0.3
TX31	Lajitas Ar. Si	84.14	55	eP	P	21 27 55.0	+0.2
TXAR	Lajitas Array	84.15	55	P	P	21 27 55.2	+0.4
TXAR	comp=Z,20nm,0.7s,baz=299,slow=3.7,SNR=216	84.15	55	P	P	21 31 09.2	+0.1
Y34A	Reagan Ranch,	84.17	48	P	P	21 27 54.9	+0.2
231A	Bronte	84.23	51	P	P	21 27 55.3	+0.2
X35A	Drake	84.26	48	P	P	21 27 55.4	+0.2
429A	Davenport Ranc	84.27	53	P	P	21 27 55.7	+0.3
SLM	Saint Louis	84.44	41	eP	P	21 27 56.8	+0.8
SLM	Saint Louis	84.44	41	eP	P	21 27 56.8	+0.8
529A	Ste Forest Ra	84.44	54	P	P	21 27 57.1	+0.8
LAKA	Lakka	84.45	319	P	P	21 27 55.5	-0.6
X36A	Centrahoma	84.47	47	P	P	21 27 56.7	+0.5
VFIN	Scholer Farm	84.50	38	P	P	21 27 56.3	+0.1
V38A	Canehill	84.51	45	P	P	21 27 56.7	+0.3
Z34A	Collier Ranch,	84.52	49	P	P	21 27 57.0	+0.5
133A	Hamilton Ranch	84.53	50	P	P	21 27 56.9	+0.3
W37A	Quinton	84.53	46	P	P	21 27 57.2	+0.7
430A	Baggett Ranch,	84.54	53	P	P	21 27 57.2	+0.5
PPT	Papeete	84.54	120	LR	LR	21 57 36.8	
PDO	Prodromos	84.55	319	P	P	21 27 56.1	-0.5
PPT2	Papeete2	84.56	120	eLR	LR	21 54 21.1	
VLC	Villacoleman	84.59	329	eP	P	21 27 57.4	+0.7
Y35A	Marietta	84.60	48	P	P	21 27 57.4	+0.5
331A	San Angelo	84.62	52	P	P	21 27 57.3	+0.2
232A	Coleman	84.64	51	P	P	21 27 57.9	+0.7
Z35A	Perchaven, San	84.91	48	P	P	21 27 58.6	+0.1
AQU	L'Aquila	84.94	327	eP	P	21 27 59.2	+0.7
AQU	L'Aquila	84.94	327	eP	P	21 27 59.2	+0.7
530A	J-C Ranch, Com	84.94	53	P	P	21 28 00.8	-0.4
233A	Rise Star	84.97	50	P	P	21 27 59.6	+0.7
X37A	Clayton	84.98	46	P	P	21 27 58.5	-0.3
431A	Sonora	84.98	52	P	P	21 27 59.3	+0.3
Y36A	Durant	85.01	47	P	P	21 27 59.5	+0.6
134A	White-Moore Ra	85.02	49	P	P	21 27 59.9	+0.8
W38A	Poteau	85.06	46	P	P	21 27 59.2	+0.1
BNI	Bardonecchia	85.15	332	eP	P	21 27 59.8	+0.2
BNI	Bardonecchia	85.15	332	eP	P	21 27 59.8	+0.2
X38A	Whitesboro	85.21	46	P	P	21 28 00.5	+0.6
IDI	Anoyia	85.28	315	eP	P	21 27 59.4	-1.0
ITM	Ithomi	85.31	318	P	P	21 27 59.6	-0.8
432A	Menard	85.31	52	P	P	21 28 01.0	+0.5
Y37A	Hugo	85.31	47	P	P	21 28 00.9	-0.5
OLIL	Olney	85.37	39	eP	P	21 28 01.6	+0.9
531A	Rocksprings	85.40	53	P	P	21 28 01.4	+0.3
135A	Vickery Place,	85.41	49	P	P	21 28 01.4	+0.5
Z36A	Blue Ridge	85.41	48	P	P	21 28 01.3	+0.3
234A	Clairette	85.42	50	P	P	21 28 01.8	+0.7
333A	Richard Spring	85.44	51	P	P	21 28 01.7	+0.5
SIVA	Sivas	85.53	315	P	P	21 28 00.9	-0.6
JCT	Junction City	85.60	52	eP	P	21 28 03.0	+1.0
JCT	Junction City	85.60	52	P	P	21 28 02.5	+0.5
JCT	Junction City	85.60	52	eP	P	21 28 03.0	+1.0
PYL	YILO	85.62	318	P	P	21 28 00.6	-1.4
SIUC	Southern Hill	85.66	41	eP	P	21 28 03.1	-1.0
SSB	Saint Sauveur	85.67	334	eP	P	21 28 02.0	-0.1
SSB	Saint Sauveur	85.67	334	eP	P	21 28 02.0	-0.1
MEH	Mehetia	85.74	119	eT	T	23 02 48.9	
BLO	Bloomington	85.74	38	eP	P	21 28 03.0	+0.5
BLO	Bloomington	85.74	38	eP	P	21 28 03.0	+0.5
532A	Rocksprings	85.80	52	P	P	21 28 03.3	+0.3
433A	Art	85.80	51	P	P	21 28 03.1	+0.1
WHX	Lake Whitney	85.81	49	P	P	21 28 03.6	+0.6
PBMO	Poplar Bluff	85.81	42	eP	P	21 28 03.5	+0.6
Y38A	Idalia	85.83	46	P	P	21 28 03.2	+0.2
334A	Lometa	85.86	50	P	P	21 28 03.7	+0.5
Z37A	Popo Cattle C	85.90	47	P	P	21 28 03.7	+0.3
631A	Perdido Creek	85.93	53	P	P	21 28 03.8	+0.2

136A	Ennis	85.96	48	P	P	21 28 04.2	+0.5
MIAR	Mount Ida</						

3d 22h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Las Campanas, Neumayer-Watz, VNA1, etc.

CSEM 03 21:15:48.0, 46:23N:71:18E, h1km, MLO.6/4

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like GRYON, SENIN, SALAN, etc.

NEIC 03 21:21:19.4, 43:59S:172:29E, h5km, ML3.9(WEL), After

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like CRLZ, MQZ, OXF, etc.

TAP 03 21:24:36.2, 24:68N:122:19E, h7km, ML3.6, D

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like EGS, TWC, TWB1, etc.

2010 SEP

Main table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like WHF, TWT, NSTT, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like EGS, TWB1, TWC, etc.

NEIC 03 21:42:43.4, 43:59S:172:39E, h5km, ML4.1(WEL), After

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

3d 22h

2010 SEP

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like TXAR, 529A, Z37A, 430A, 135A, Y39A, 331A, 233A, 429A, 134A, Y38A, Z36A, 232A, WVT, WWT, MIAR, 330A, 231A, 133A, Y37A, Z35A, Y36A, 230A, 329A, Z34A, ABTX, ABTX, X38A, Y35A, X37A, Z33A, 229A, W38A, 131A, Y34A, X36A, 130A, Z32A, PBMO, W37A, DBIC, DBIC, 228A, Z31A, Y33A, 129A, W36A, Y38A, WCI, WCI, X34A, Y32A, 128A, Z30A, W35A, X33A, Y37A, Z29A, Y31A, X32A, TUL1, TUL1, WMOK, WMOK, WMOK, U38A, Y30A, W34A, W34A, Z28A, U37A, Y35A, W33A, X31A, Y29A, V34A, V34A, W32A, X30A, U35A, AC50.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like V33A, T37A, X29A, MSTX, V32A, SUR, T36A, U34A, U34A, T35A, AMTX, AMTX, U33A, V31A, S37A, W29A, T34A, U32A, S36A, SFIN, S35A, W28A, PPT, PPT, R37A, T33A, 121A, S34A, R36A, V28A, Q37A, S33A, U30A, HDIL, MAW, MAW, MAW, T31A, U29A, Q36A, T30A, Q35A, BNM, S31A, R33A, LPM, U27A, T29A, Q34A, KSU1, P36A, LAZ, R32A, P35A, ANMO, ANMO, T28A, R31A, S29A, Q33A, T27A, P34A, R30A, S28A, Q32A, P33A, CBK3, Q35A, Q31A, T26A, 214A, 214A, R29A, Q34A, P32A, Q30A, T25A, T25A, Q33A, S26A, N35A.

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like P31A, Q29A, TSUM, R27A, N34A, O32A, R26A, Q28A, O31A, M35A, W18A, W18A, P29A, SDCO, SDCO, Q26A, L35A, P27A, BGNE, BGNE, S22A, S22A, GLA, N29A, WUAZ, WUAZ, BOSA, BOSA, BOSA, M30A, K33A, O26A, OGN, MONP, N27A, L30A, BC3, M28A, PV01, IRM, N26A, K31A, ISCO, ISCO, ISCO, SMC0, PV05, PFO, ECSD, ECSD, J32A, L28A, PV09, M26A, J31A, MURC, K29A, GMRC, M25A, I32A, J30A, H34A, K28A, L26A, HEC, N23A, N23A, LBTB, LBTB, TOA0, TORD, TORD, TORD, TORD.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like TOR Di Ar. Bea, J29A Okreek, H33A Prehn Over Nor, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like J21A Lysite, G25A Newell, I22A 9 Mile Ranch, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like N02D Trinity Center, CHMT Chamberlain Mo, M04C Macdoel, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NWAO Narrogin (SRO), MJAR Matsushiro Arr, VJND Vanda, etc.

NEIC 03 22:58:49.1, 43.60S, 172.35E, h5km, ML3.9(WEL), After WEL, South Island

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

IDC 03 23:02:25.7-1.8, 43.58S, 172.42E, h0km, mb3.4/2, mb1 3.7/3, mb1mx3.5/14, mbtmp3.5/3, ML3.0/1, Error ellipse: s-maj=51.1km s-min=14.2km az=166.0, South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RPZ Rata Peaks, URZ Urewera, etc.

CSEM 03 23:02:40.9-3.9, 49.78N, 17.80E, h1km, Error ellipse: s-maj=169.5km s-min=18.4km az=4.0, PRU 03 23:02:35.1, 50.11N, 18.45E, h0km, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like OKC Ostrava-Krasne, KRLC Kraliky, etc.

PRU 03 23:02:59.3, 50.14N, 19.09E, h0km, CSEM 03 23:02:58.7-0.4, 50.17N, 19.08E, h2km, Error ellipse: s-maj=9.3km s-min=4.3km az=9.0, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like OJC Ojcow, MORC Moravsky Berou, etc.

IDC 03 23:05:41.5-1.7, 43.44S, 172.40E, h0km, mb3.6/2, mb1 3.9/3, mb1mx3.6/22, mbtmp3.7/3, ML3.4/1, Error ellipse: s-maj=49.0km s-min=13.8km az=158.0, ISCJB 03 23:05:42.7-2.6, 43.2S, 0.4-172.4E, h16km, mb3.5/2, Error ellipse: s-maj=68.1km s-min=9.3km az=140.5, ISC 03 23:05:43.6-1.8, 43.4S, 0.3-172.4E, 0.2, h16km, n6, @138/7, South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RPZ Rata Peaks, URZ Urewera, etc.

ISCJB 03 23:07:59.4-0.8, 67.63N, 0.03-20.3E, 0.1, h0km, Error ellipse: s-maj=7.1km s-min=4.5km az=3.8, HEL 03 23:08:02.9-0.3, 67.77N, 20.23E, h0km, ML1.8, Explosion CSEM 03 23:08:02.8-0.9, 67.78N, 20.21E, h2km, ML2.2, Error ellipse: s-maj=22.8km s-min=10.5km az=88.0, Mining explosion, NAO 03 23:08:04.0-1.3, 67.81N, 20.32E, ML2.2, BER 03 23:08:06.8-4.3, 67.84N, 20.31E, h0km, ML2.2(NAO), Suspected explosion, ISC 03 23:08:02.8-1.0, 67.76N, 0.03-20.37E, 0.06, h0km, n29, @159/41, Sweden

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KIF Kilpisjarvi, KJF Kijf, etc.

IDC 03 23:09:50.4-1.1, 39.16N, 74.98E, h0km, mb3.5/9, mb1 3.7/15, mb1mx3.6/32, mbtmp3.5/15, ML2.9/6, Error ellipse: s-maj=23.0km s-min=17.8km az=152.0, KRNET 03 23:09:51.5-0.1, 39.33N, 74.62E, mb4.5, BUI 03 23:09:52.2, 39.54N, 74.70E, h5km, ML3.3/7, NINC 03 23:09:56.0-1.4, 39.57N, 74.84E, h0km, mb4.1, mpv3.8, Error ellipse: s-maj=11.1km s-min=5.3km az=165.0, ISC 03 23:09:52.3-1.7, 39.55N, 0.05-74.77E, 0.04, h5km, 10km, n54, @181/62, mb3.6/9, 23C-16D, Southern Xinjiang

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like EKS2 Erkin-Say, EKS2 Erkin-Say, etc.

AUST 03 23:12:33.1, 44.92S, 174.87E, h35km, IDC 03 23:12:42.9-0.5, 43.56S, 172.38E, h0km, mb4.4/13, Mb1 4.3/14, mb1mx4.5/24, mbtmp4.4/14, ML4.0/1, MS4.3/7, Ms1 4.3/7, ms1mx3.9/16, Error ellipse: s-maj=15.8km s-min=10.8km az=171.0, ISCJB 03 23:12:43.7-0.3, 43.58S, 0.03-172.36E, 0.05, h16km, mb4.6/20, MS4.3/7, Error ellipse: s-maj=5.6km s-min=3.4km az=39.2, NEIC 03 23:12:45.6, 0.4, 43.56S, 172.16E, h9km, mb4.9/11, ML5.3(WEL), After WEL, NEIC 03 23:12:45.6, 0.4, 43.51S, 0.04-172.30E, 0.04, h16km, n116, @142/120, mb4.6/20, MS4.2/7, Phase ID, South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LTZ Lake Taylor, RPZ Rata Peaks, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like Birch Farm, Deep Cove, Wanganui, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like NORSAR Subarra159.12, NORSAR Array B159.12, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical parameters. Includes stations like CLCH, ROCH, E Riole, etc.

Table with columns: MTSN, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Montesano sull, Muro Lucano, Morigerati, etc.

Table with columns: FNNB, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Fort Nelson, Yellowknife Ar, etc.

Table with columns: BMRM, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Ragged Mountai, Eielson Array, etc.

NEIC 04 00:18:05.0, 43:59S-172:24E, h6km, ML4.0(WEL), After WEL., South Island

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Canterbury Las, Rata Peaks, Waitaha Valley, etc.

Table with columns: FNNB, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Fort Nelson, Yellowknife Ar, etc.

Table with columns: BMRM, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Ragged Mountai, Eielson Array, etc.

ISCJB 04 00:23:10.5-0.1, 62:93N,01:125:92W,0.03, h10km, mb4.4/86, Error ellipse: s-maj=2.3km s-min=1.8km az=36.7

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Canterbury Las, Rata Peaks, Waitaha Valley, etc.

Table with columns: FNNB, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Fort Nelson, Yellowknife Ar, etc.

Table with columns: BMRM, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Ragged Mountai, Eielson Array, etc.

ISC 04 00:23:12.6-0.2, 62:94N,0:02:125:49W,0.02, h10km, n521, 1976/520, mb4.5/84, 14C-9D, Northwest Territories

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Colville Lake, Fort Nelson, etc.

Table with columns: FNNB, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Fort Nelson, Yellowknife Ar, etc.

Table with columns: BMRM, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like Ragged Mountai, Eielson Array, etc.

SLMT F04A	Seelye Lake comp=Z,15m,1.1s	17.11 151 ePn	Pn	00 27 10.9 -0.9
EGMT	Amboy comp=Z,33nm,1.0s	17.14 173 ePn	Pn	00 27 13.2 -0.4
EGMT	Eagleton baz=17,SNR=33	17.32 142 P	Pn	00 27 11.8 -2.5
MSO	Eagleton comp=Z,75nm,0.8s	17.32 142 ePn	Pn	00 27 10.5 -3.9
MSO	Missoula baz=17,SNR=18	17.41 153 P	Pn	00 27 15.4 0.0
MSO	Missoula comp=Z,22nm,0.9s	17.41 153 ePn	Pn	00 27 15.3 0.0
AP3N	Apex site 3 Nu	17.48 50 P	Pn	00 27 11.1 -4.9
CHMT	Chamberlain Mo	17.48 151 ePn	Pn	00 27 15.2 -1.2
CHGN	Chignik	17.77 263 ePn	Pn	00 27 16.9 -2.7
LAIN	Lailior River,	17.80 52 P	Pn	00 27 18.4 -1.7
LAIN		17.80 52 S	Pn	00 30 24.6 -1.4
G05D	Wamic, OR baz=19	17.90 170 P	Pn	00 27 21.5 -0.4
G06A	Carlson Farm, comp=Z,18nm,1.0s	17.96 169 ePn	P	00 27 23.1 +0.3
HRV	Holler Researc	18.00 148 ePn	Pn	00 27 19.6 -3.1
G08A	Pilot Rock comp=Z,11nm,1.1s	18.08 165 ePn	Pn	00 27 22.7 -1.0
H04A	Detroit Lake comp=Z,21nm,1.1s	18.39 173 ePn	P	00 27 27.3 -0.2
ILON	Ilgoolik, Nuna	18.41 51 P	Pn	00 27 23.9 -3.5
ILON		00 30 39.8 -13	Pn	00 27 27.5 -1.2
GIFN	Gifford Fjord,	18.47 49 S	Pn	00 30 39.0 -1.5
A25A	Svangstu Ranch baz=19	18.66 128 P	Pn	00 27 28.8 -1.6
DGMT	Dagmar baz=19	18.68 131 P	P	00 27 30.1 -0.5
DGMT	Dagmar comp=Z,41nm,0.9s	18.68 131 eP	Pn	00 27 31.4 +0.5
LRM	Limekiln Ridge	18.69 151 eP	Pn	00 27 33.2 +1.9
I05D	Terbonne, OR baz=19	18.79 171 P	P	00 27 31.7 -0.2
A26A	Wade Farm, Ken baz=19	19.09 127 P	P	00 27 34.1 -0.9
DLMT	Dillon comp=Z,15nm,0.9s	19.09 151 eP	Pn	00 27 36.6 +0.5
B25A	Knox Farm, Ray baz=19	19.21 130 P	P	00 27 36.2 -0.2
I04A	Tendick Farm, baz=19	19.27 173 P	P	00 27 36.7 -0.4
A27A	Ledoux Ranch, baz=19	19.33 125 P	Pn	00 27 38.3 -0.5
GCMT	Greycliff	19.40 145 eP	Pn	00 27 39.8 0.0
MCMT	McKenzie Canyo	19.55 152 eP	Pn	00 27 42.0 +0.4
LAO	LASA Array comp=Z,31nm,0.9s	19.57 137 eP	Pn	00 27 43.1 +1.4
A28A	Rude Farm, Bot baz=20	19.74 124 P	Pn	00 27 44.1 +0.5
J05D	Fort Rock, OR baz=20,SNR=7.6	19.85 171 P	Pn	00 27 45.3 +0.2
QLMT	Earthquake Lak	19.86 149 eP	Pn	00 27 46.8 +1.5
A29A	Manning Farm, baz=20	20.12 122 P	Pn	00 27 49.5 +1.2
RLMT	Red Lodge baz=20,SNR=7.5	20.13 145 P	Pn	00 27 49.0 +0.5
RLMT	Red Lodge comp=Z,17nm,0.8s	20.13 145 eP	Pn	00 27 48.8 +0.2
C27A	Saylor Ranch, baz=20	20.27 128 P	Pn	00 27 49.5 -0.4
MFID	Camas Ranch comp=Z,11nm,0.9s	20.36 159 eP	P	00 27 49.2 +0.2
EUNU	Eureka	20.37 18 P	Pn	00 27 50.1 -0.8
HUMO	Hull Mountain comp=Z,31nm,1.4s	20.43 175 eP	Pn	00 27 51.0 -0.8
K05A	Summer Lake comp=Z,56nm,1.1s	20.43 170 eP	Pn	00 27 51.6 -0.5
ULM	Lac du Bonnet comp=Z,12nm,0.8s,baz=328,slow=12,SNR=6.9	20.43 115 P	Pn	00 27 49.3 -0.4
ULM	Lac du Bonnet comp=Z,12nm,0.8s	20.43 115 eP	Pn	00 27 49.8 +0.2
ULM	Lac du Bonnet comp=Z,17nm,0.8s	20.43 115 P	P	00 27 47.4 -2.3
ULM	Lac du Bonnet comp=Z,17nm,0.8s	20.43 115 eP	P	00 31 23.1 -1.5
ULM	Lac du Bonnet comp=Z,17nm,0.8s	20.43 115 eP	P	00 27 49.8 +0.2
B29A	Wagenman Farm, baz=20,SNR=5.9	20.45 123 P	Pn	00 27 53.0 +1.0
HLID	Hailey baz=20,SNR=13	20.46 156 P	Pn	00 27 51.2 -1.1
HLID	Hailey comp=Z,8.6nm,0.9s	20.46 156 eP	Pn	00 27 50.0 -0.2
D26A	Manning baz=20	20.52 130 P	Pn	00 27 53.8 +0.8
H19A	Powell baz=21	20.62 145 P	Pn	00 27 53.6 -0.6
E25A	Miller Ranch, baz=21	20.65 133 P	Pn	00 27 55.3 +0.9
FLWY	Flagg Ranch comp=Z,14nm,1.0s	20.74 149 eP	P	00 27 54.9 -1.3
L02D	Cave Junction, baz=21	20.85 176 P	P	00 27 54.9 +0.7
B30A	Myrvik Farm, E baz=21	20.86 121 P	Pn	00 27 58.0 +1.2
IMW	Indian Meadow comp=Z,9.9nm,0.8s	20.86 149 eP	Pn	00 27 56.2 -1.1
MDND	Maddock baz=21	20.86 124 P	Pn	00 27 57.5 +0.6
MDND	Maddock comp=Z,9.0nm,1.0s	20.86 124 eP	Pn	00 27 59.3 +2.5
WVOR	Wild Horse Val comp=Z,39nm,1.0s	20.93 166 eP	Pn	00 27 56.6 -1.3
WVOR	Wild Horse Val comp=Z,37nm,1.0s	20.93 166 eP	Pn	00 27 56.6 -1.3
WVOR	Wild Horse Val comp=Z,37nm,1.0s	20.93 166 eP	Pn	00 27 56.6 -1.3
E26A	Carlson Angus baz=21	21.00 131 P	P	00 27 59.3 +3.4
MOOW	Moose Ponds comp=Z,7.4nm,0.9s	21.05 149 eP	P	00 27 58.2 +1.6
D28A	Regan baz=21	21.05 127 P	P	00 27 60.0 +3.5
H20A	Greybull baz=21	21.05 143 P	P	00 27 58.2 +1.6
FXWY	Fox Creek comp=Z,6.5nm,0.9s	21.09 150 eP	P	00 27 58.6 +1.6
F25A	Bowman baz=21	21.14 133 P	P	00 28 00.4 +3.0
B31A	Greenbush Farm baz=21	21.15 120 P	P	00 27 58.8 +1.4
H21A	Big Horn, Sher baz=21,SNR=9.1	21.19 141 P	P	00 27 59.6 +1.5
I19A	Meeteetse baz=21,SNR=7.5	21.21 146 P	P	00 28 00.3 +2.0
LOHW	Long Hollow comp=Z,16nm,1.0s	21.21 149 eP	P	00 28 00.2 +1.8
TPAW	Teton Pass comp=Z,14nm,0.9s	21.24 150 eP	P	00 28 00.7 +1.9
MOD	Mocdoc comp=Z,9nm,0.9s	21.30 169 eP	P	00 28 00.3 +1.1
M04C	Maccdoel baz=21	21.30 172 P	P	00 28 01.0 +1.7
YBH	Yreka Blue Hor comp=Z,7nm,0.6s,baz=330,slow=8.1,SNR=2.4	21.31 174 P	P	00 27 58.2 -1.1
YBH	Yreka Blue Hor comp=Z,7nm,0.6s	21.31 174 eP	P	00 28 03.9 +4.6
YBH	Yreka Blue Hor comp=Z,10.0nm,1.0s	21.31 174 eP	P	00 28 03.9 +4.6
E27A	Carson baz=21	21.34 130 P	P	00 28 02.8 +3.2
REDW	Red Top Meadow comp=Z,41nm,1.3s	21.39 150 eP	P	00 28 03.2 +2.9
C30A	Mose, Pekin baz=21	21.41 123 P	P	00 28 03.4 +3.2
H22A	Clearmont baz=21	21.42 140 P	P	00 28 02.8 +2.2
F26A	Lodgepole baz=21	21.46 132 P	P	00 28 04.1 +3.2
I20A	Worland baz=22	21.52 144 P	P	00 28 03.0 +1.4
D29A	Pettibone, Tap baz=22	21.52 122 P	P	00 28 04.1 +2.6
C31A	Landman Farms, baz=22	21.63 122 P	P	00 28 03.6 +1.0
M02C	Callahan baz=22,SNR=7.1	21.64 175 P	P	00 28 03.5 +0.7
EPLO	Experimental L	21.77 113 P	P	00 28 03.8 -0.3
D30A	Buchanan baz=22	21.80 124 P	P	00 28 07.1 +2.7
I21A	Big Trails, Te baz=22,SNR=16	21.87 143 P	P	00 28 06.9 +1.5

PKLO	Pickle Lake	21.89 105 P	P	00 28 04.8 -0.5
PKLO		21.89 105 S	P	00 31 55.1 -1.2
J19A	Crowheart	21.91 146 P	P	00 28 07.5 +1.7
E29A	Napoleon	21.92 126 P	P	00 28 07.0 +1.2
AGMN	Agassiz Nation baz=22	21.96 118 P	P	00 28 07.6 +1.4
AGMN	Agassiz Nation comp=Z,9nm,0.9s	21.96 118 eP	P	00 28 05.8 -0.3
G26A	Maurines baz=22	21.98 133 P	P	00 28 08.0 +1.6
I22A	9 Mile Ranch, comp=Z,2.5nm,1.2s	22.03 141 P	P	00 28 08.3 +1.3
N02D	Trinity Center baz=22	22.07 174 P	P	00 28 08.2 +0.8
J20A	Shoshoni baz=22,SNR=18	22.08 145 P	P	00 28 08.9 +1.2
F28A	McLaughlin baz=22	22.12 129 P	P	00 28 09.6 +1.7
KHMM	Horse Mountain comp=Z,37nm,1.3s	22.13 176 eP	P	00 28 08.8 +0.6
G27A	Dupree	22.13 132 P	P	00 28 09.6 +1.6
H25A	Fruitdale baz=22	22.25 135 P	P	00 28 10.4 +1.1
BW06	Boulder Array comp=Z,29nm,1.6s	22.26 148 eP	P	00 28 12.3 +2.6
J21A	Lysite	22.26 143 P	P	00 28 10.5 +0.9
D32A	Dogwood Acres, baz=22,SNR=7.3	22.44 122 P	P	00 28 13.1 +1.8
WDC	Whiskeytown Da	22.46 174 eP	P	00 28 11.6 0.0
WDC	Whiskeytown Da comp=Z,7.0nm,0.9s	22.46 174 eP	P	00 28 11.6 0.0
J22A	Midwest comp=Z,5.6nm,0.9s	22.47 142 P	P	00 28 12.1 +0.3
F29A	Eureka baz=22	22.48 128 P	P	00 28 12.8 +1.0
HVU	Hansel Valley	22.49 155 eP	P	00 28 12.9 +0.9
HVU	Hansel Valley comp=Z,15nm,1.0s	22.49 155 eP	P	00 28 12.9 +0.9
RSSD	Black Hills	22.55 137 eP	P	00 28 14.8 +2.0
RSSD	Black Hills comp=Z,16nm,0.7s	22.55 137 eP	P	00 28 14.8 +2.0
H27A	Hoves baz=23	22.74 133 P	P	00 28 16.1 +1.6
I25A	Rochford baz=23,SNR=6.3	22.74 136 P	P	00 28 15.9 +1.2
G28A	Parade baz=23	22.75 130 P	P	00 28 15.3 +0.7
O03D	Paynes Creek baz=23	22.79 173 P	P	00 28 15.7 +0.6
HWUT	Hardware Ranch comp=Z,8.2nm,0.8s	22.90 152 eP	P	00 28 16.1 -0.3
G29A	Hoven baz=23	22.99 129 P	P	00 28 18.3 +1.1
SPUT	South Promont	23.01 154 eP	P	00 28 17.5 0.0
ELK	Elko comp=Z,1.4nm,0.8s,baz=342,slow=11,SNR=8.0	23.06 160 P	P	00 28 18.8 +0.7
ELK	Elko comp=Z,3.0nm,0.9s	23.06 160 eP	P	00 28 20.4 +2.3
ELK	Elko comp=Z,3.4nm,0.9s	23.06 160 eP	P	00 28 20.4 +2.3
H28A	Mission Ridge baz=23	23.06 131 P	P	00 28 18.1 +0.2
K22A	Casper baz=23,SNR=8.8	23.16 142 P	P	00 28 19.9 +0.8
K22A	Casper comp=Z,26nm,0.8s	23.16 142 eP	P	00 28 19.9 +0.8
BGU	Big Grassy Mou comp=Z,11nm,1.2s	23.27 156 eP	P	00 28 25.1 +5.0
K23A	Bowen Ranch, D baz=23	23.32 141 P	P	00 28 21.0 +0.4
ATK0	Atkokan Iron	23.32 111 P	P	00 28 29.2 +8.8
ATK0		00 32 26.6 -6.2	P	00 28 22.0 +1.4
G30A	Faulkton	23.33 128 P	P	00 28 22.0 +1.4
TCUT	Toone Canyon comp=Z,26nm,0.9s	23.40 152 eP	P	00 28 24.7 +3.0
J26A	Sides Ranch, S baz=24	23.59 136 P	P	00 28 22.9 -0.3
I28A	Midland baz=24	23.60 132 P	P	00 28 23.7 +0.4
D35A	Remer baz=24	23.67 117 P	P	00 28 24.7 +0.8
F33A	5 Mile Ranch, baz=24	23.80 122 P	P	00 28 25.4 +0.3
VIMO	Victor Mine	23.95 96 P	P	00 28 32.0 +5.4
VIMO		00 32 45.2 +2.4	P	00 28 27.8 +1.2
D36A	Goodland baz=24	23.95 116 P	P	00 28 26.6 -0.4
K25A	Mack Ranch, Ha	23.97 138 P	P	00 28 26.6 -0.4
DUG	Dugway	24.01 156 eP	P	00 28 30.2 +2.8
DUG	Dugway comp=Z,9.0nm,1.0s	24.01 156 eP	P	00 28 27.2 -0.2
DUG	Dugway comp=Z,9.4nm,1.0s	24.01 156 eP	P	00 28 30.2 +2.8
EYMN	Ely baz=24	24.04 113 P	P	00 28 28.3 +0.8
J29A	Okreek baz=24	24.41 131 P	P	00 28 32.0 +1.0
H32A	Carlson Farm, baz=25	24.49 126 P	P	00 28 33.1 +1.4
H33A	Prehn Over Nor baz=25	24.60 124 P	P	00 28 34.1 +1.4
GTO	Geraldton	24.65 104 S	P	00 33 00.2 +6.1
K28A	Ten Mile Ranch baz=25	24.68 134 P	P	00 28 34.3 +0.9
WAKR	Walker	24.74 169 eP	P	00 28 34.8 +0.6
J30A	Dallas baz=25	24.77 130 P	P	00 28 35.4 +1.2
FRB	Frobisher Bay comp=Z,19nm,1.1s,baz=292,slow=9.5,SNR=3.6	24.84 63 P	P	00 28 35.5 +0.9
FRB	Frobisher Bay baz=25	24.84 63 P	P	00 28 35.4 +0.8
NV01	Mina Array Sit	24.93 167 eP	P	00 28 36.3 +0.4
NVAR	Mina Array Bea comp=Z,7.7nm,0.8s,baz=340,slow=5.7,SNR=17	24.93 167 eP	P	00 28 36.2 +0.4
L27A	TS Ranch, Ellis baz=25	24.94 136 P	P	00 28 37.3 +1.5
N23A	Red Feather La baz=25	24.95 143 P	P	00 28 37.7 +1.6
N23A	Red Feather La comp=Z,34nm,1.2s	24.95 143 eP	P	00 28 38.8 +2.7
M				

4d 1h

Table with columns: ARU, comp-Z, pmax, pmax, 00 33 25.1 +0.2, etc. Lists various stations and their associated data points.

2010 SEP

Table with columns: WMQ, comp-Z, PMZ, 72.45 307 eP, etc. Lists various stations and their associated data points.

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Table with columns: MRA, comp-Z, 5.40 79 eP, etc. Lists various stations and their associated data points.

MSOM	Makushin Julie	0.99	354	P	Pn	01	26	29.9	-0.5
OKCE	Okmok Cone E	1.02	306	P	Pn	01	26	30.5	-0.4
UNV	Unalaska Valle	1.03	9	P	Pn	01	26	29.7	-1.2
UNV				S	Sn	01	26	47.1	+2.7
MSW	Makushin Switc	1.08	360	P	Pn	01	26	31.2	-0.5
MTBL	Makushin Table	1.17	337	P	Pn	01	26	32.3	-0.2
OKAK	Okmok	1.21	309	P	Pn	01	26	31.9	-1.4
NIKH	Nikolski High	1.26	277	P	Pn	01	26	33.0	-1.1
NIKH				S	Sn	01	26	49.7	-0.5
ZRO	Akutan Zero	1.35	21	P	Pn	01	26	35.3	0.0
AKRB	Akutan Reef Bi	1.36	18	P	Pn	01	26	36.2	+0.6
AKRB				S	Sb	01	26	53.0	-0.2
AHB	Akutan Harbor	1.41	24	P	Pn	01	26	35.8	-0.3
AKUT	Akutan	1.44	24	P	Pn	01	26	36.5	+0.1
AKUT				S	Sb	01	26	57.3	+1.1
AKGG	Akutan Green G	1.45	19	P	Pb	01	26	37.4	-1.1
WESP	Westdahl Peak	2.68	40	P	Pn	01	26	43.9	+0.7
WESP	Westdahl Beart	2.13	34	P	Pn	01	26	47.9	+0.9
WESN	West Dahl Nort	2.17	36	P	Pn	01	26	47.7	+1.0
SSLS	Shishaldin Sou	2.50	40	P	Pn	01	26	52.3	+1.1
BRPK	Brown Peak	2.56	44	P	Pn	01	26	52.2	+0.3
ISLZ	Isanotski Laza	2.63	43	P	Pn	01	26	53.2	+0.2
ISNU	Isanotski Nort	2.68	40	P	Pn	01	26	53.6	0.0
FALS	False Pass	2.84	43	P	Pn	01	26	56.1	+0.3
DTI	Dutton Round H	3.50	48	P	Pn	01	27	04.9	0.0
DTNA	Dutton South F	3.54	47	P	Pn	01	27	05.5	+0.1
SDPT	Sand Point	4.48	53	P	Pn	01	27	18.1	-0.3
ATKA	Alka Island	4.57	55	P	Pn	01	27	19.4	-0.2
AMKA	Saint Paul Isl	8.23	34	P	Pn	01	27	34.3	+1.9
VNKR	Veniaminof S	5.38	51	P	Pn	01	27	31.3	+0.5
GSCK	Great Sitkin C	5.00	266	P	Pn	01	27	37.5	+1.0
CHGN	Chignik	5.98	51	ePn	Pn	01	27	38.8	0.0
GHNE	Gareloi Northe	7.42	267	P	Pn	01	28	00.4	+1.7
AMCH	Amchitka	8.63	266	P	Pn	01	28	17.0	+0.9
QANK	Old Harbor	8.90	55	ePn	Pn	01	28	16.9	-2.0
KDAK	Kodiak Island	9.48	53	Pn	Pn	01	28	25.2	-1.7
KDAK				Sn	Sn	01	30	10.0	-2.4
RDO	0.4nm, 0.3s, baz=246, slow=18, SNR=3.8			Sn	Sn	01	28	30.9	-1.5
KSO	Redoubt South	10.84	40	ePn	Pn	01	28	45.9	-0.9
CNPM	China Poot	10.93	46	ePn	Pn	01	28	45.9	-0.9
TTA	Tatalina	11.61	25	eP	Pn	01	29	03.1	+7.1
TTA	Tatalina	11.61	25	ePn	Pn	01	29	03.1	+7.1
SEWA	Seward	12.01	46	ePn	Pn	01	29	03.7	+1.7
SUA	Susitna One	12.24	39	ePn	Pn	01	29	04.3	-0.3
RC01	Rabbit Creek A	12.41	42	ePn	Pn	01	29	07.4	+0.5
PPLA	Perkeyville	12.69	32	ePn	Pn	01	29	12.4	+3.4
CAST	Castle Rocks	13.11	30	ePn	Pn	01	29	20.1	+3.7
TRF	Thorofare Moun	13.70	33	ePn	Pn	01	29	22.2	-2.4
SCM	Sheep Creek Mo	13.72	32	ePn	Pn	01	29	22.2	-2.4
SCM	Sheep Creek Mo	13.72	32	ePn	Pn	01	29	22.2	-2.4
BPWM	Bear Paw Mtn.	13.94	30	ePn	Pn	01	29	25.2	+0.8
DIV	Divide	14.09	46	ePn	Pn	01	29	26.3	-3.6
RND	Reindeer	14.15	35	ePn	Pn	01	29	30.7	0.0
RND	Reindeer	14.15	35	ePn	Pn	01	29	30.7	0.0
KLU	Klutina	14.27	39	ePn	Pn	01	29	28.1	-3.3
RAGM	Ragged Mountai	14.27	49	ePn	Pn	01	29	29.6	-2.8
MCK	McKinley	14.33	33	eP	Pn	01	29	29.4	-3.8
MCK				pmx	pmx				
MCK	comp=Z, 6.0nm, 1.0s	14.33	33	ePn	Pn	01	29	29.4	-3.8
DHY	Denali Highway	14.47	37	ePn	Pn	01	29	36.4	+1.3
BMRM	Bremner River	14.53	47	ePn	Pn	01	29	35.7	-0.2
IM04	Indian Mountain	14.70	21	ePn	Pn	01	29	41.5	-2.4
MLY	Manly	14.70	21	ePn	Pn	01	29	41.5	-2.4
HARP	HAARP	14.96	42	ePn	Pn	01	29	42.0	-0.3
WRH	Wood River Hill	15.10	32	ePn	Pn	01	29	43.2	-0.3
CCB	Clear Creek Bu	15.31	32	ePn	Pn	01	29	46.8	+0.6
COLA	College	15.45	31	eP	pmx	01	29	48.3	+0.2
COLA				pmx	pmx				
COLA	comp=Z, 10.0nm, 1.2s	15.45	31	ePn	Pn	01	29	48.2	+0.2
ILAR	Eielson Array	15.69	33	ePn	Pn	01	29	47.5	-3.7
ILAR				pmx	pmx				
ILAR	comp=Z, 0.1nm, 0.3s, baz=225, slow=13, SNR=5.8	15.69	33	ePn	Pn	01	29	53.6	-1.4
DOT	Dot Lake	16.03	39	ePn	Pn	01	29	55.5	-0.1
COLD	Coldfoot	16.55	23	ePn	Pn	01	30	01.1	-1.0
FYU	Fort Yukon	17.39	29	ePn	Pn	01	30	12.3	-0.3
EGAK	Eagle	17.70	38	ePn	Pn	01	30	15.9	-0.6
EGAK				pmx	pmx				
EGAK	comp=Z, 6.6nm, 0.7s	17.70	38	ePn	Pn	01	30	15.9	-0.6
DAWY	Dawson	18.04	41	ePn	Pn	01	30	20.4	-0.4
SKAG	Skagway	18.60	57	eP	Pn	01	30	28.8	+1.3
BESE	Bessie Mountai	18.76	59	eP	Pn	01	30	30.8	+1.3
WRAK	Wrangell Islan	20.12	66	eP	P	01	30	44.2	+0.5
PET	Petropavlovsk	20.72	284	eP	Pn	01	30	54.3	+1.5
PET				eS	S	01	34	35.4	-4.7
PET				MLR	MLR				
PET	comp=Z, 400nm, 21.0s			MLR	MLR				
PEAO	Petropavlovsk-	21.26	285	eP	P	01	30	59.7	+3.5
PETK	Petropavlovsk-	21.26	285	eP	P	01	30	55.7	-0.4
PETK				LR	LR	01	39	28.0	
PETK	comp=Z, 15nm, 0.6s, baz=93, slow=13, SNR=17			LR	LR	01	39	28.0	
DLBC	Dease Lake	21.29	60	P	P	01	30	55.4	-1.1
DLBC				LR	LR	01	38	59.0	
DLBC	comp=Z, 350nm, 20.2s, baz=320, slow=36			LR	LR	01	30	56.5	+0.1
DLBC	Dease Lake	21.29	60	P	P	01	30	56.5	+0.1
INK	Inuvik	22.09	33	eP	P	01	31	02.8	-2.2
INK				PcP	PcP	01	35	01.7	+0.4
INK	comp=Z, 3.1nm, 0.7s, baz=259, slow=1.6, SNR=5.6			PcP	PcP	01	31	02.7	-2.2
INK	Inuvik	22.09	33	eP	P	01	35	01.7	
INK				pmx	pmx				
INK	comp=Z, 12nm, 0.8s	22.09	33	eP	P	01	31	02.7	-2.2
INK				PcP	PcP	01	35	01.7	+0.4
INK	comp=Z, 4.9nm, 0.6s, baz=114, slow=10.0, SNR=8.6			PcP	PcP	01	31	19.2	-0.6
SEY	Seymchan	23.53	311	P	P	01	31	19.5	-0.3
SEY				P	P	01	32	06.0	-1.0
SEY	comp=Z, 0.4nm, 0.4s, baz=274, slow=7.4, SNR=10			PcP	PcP	01	35	16.7	+0.3
YKA	Newport	31.37	78	LR	LR	01	42	43.2	
NEW	Newport Sit	31.37	78	LR	LR	01	42	43.2	
YBH	Yreka Blue Hor	31.41	93	eP	pmx	01	32	31.5	+0.5
YBH				pmx	pmx				
YBH	comp=Z, 3.0nm, 0.9s	31.41	93	eP	P	01	32	31.4	+0.5
EDM	Edmonton	31.51	68	eP	pmx	01	32	32.6	+0.9
EDM				pmx	pmx				
EDM	comp=Z, 2.1nm, 0.9s	31.51	68	eP	P	01	32	32.6	+0.9
MOD	Modoc	32.77	91	eP	P	01	32	44.5	+1.5
BSMT	Basco Peak	32.94	77	eP	P	01	32	44.6	+0.1
WVOR	Wild Horse Val	33.48	88	eP	pmx	01	32	50.5	+1.4
WVOR				pmx	pmx				
WVOR	comp=Z, 6.0nm, 0.8s	33.48	88	eP	P	01	32	50.5	+1.4
WVOR	Wild Horse Val	33.48	88	eP	P	01	32	50.7	+1.5
WAKR	Walker	35.37	95	eP	P	01	33	08.4	+0.5
MCMT	McKenzie Canyo	35.64	81	eP	P	01	33	08.4	+0.5
EGMT	Eagleton	35.82	74	eP	P	01	33	09.7	+0.4
NV01	Nova Array Sit	36.10	94	eP	P	01	33	12.6	+0.6
NVAR	Mina Array Bea	36.10	94	P	P	01	33	13.0	+1.1
NVAR				PcP	PcP	01	35	37.7	+0.3
NVAR	comp=Z, 0.7nm, 0.7s, baz=264, slow=2.8, SNR=4.6			PcP	PcP	01	35	37.7	+0.3
ELK	Elko	36.53	88	eP	pmx	01	33	16.8	+1.3
ELK				pmx	pmx				
ELK	comp=Z, 32nm, 2.5s	36.53	88	eP	P	01	33	16.8	+1.3

YNR	Norris Junctio	37.00	80	eP	P	01	33	20.8	+1.3
FXWY	Fox Creek	37.39	81	eP	P	01	33	23.9	+1.1
HVVU	Hansel Valley	37.41	85	eP	pmx	01	33	23.8	+0.9
HVVU				pmx	pmx				
HVVU	comp=Z, 38nm, 2.5s	37.41	85	eP	P	01	33	23.8	+0.9
RLMT	Red Lodge	37.62	78	eP	P	01	33	25.5	+0.8
TPNV	Topopah Spring	38.30	94	eP	pmx	01	33	31.5	+1.0
TPNV				pmx	pmx				
TPNV	comp=Z, 6.0nm, 1.0s	38.30	94	eP	P	01	33	31.5	+1.0
TPNV	Topopah Spring	38.30	94	eP	P	01	33	31.5	+1.0
DUG	Dugway	38.33	87	eP	pmx	01	33	31.1	+0.4
DUG				pmx	pmx				
DUG	comp=Z, 19nm, 2.0s	38.33	87	eP	P	01	33	31.1	+0.4
DUG	Dugway	38.33	87	eP	P	01	33	31.1	+0.4
DUG				pmx	pmx				
DUG	comp=Z, 19nm, 2.0s	38.33	87	eP	P	01	33	31.1	+0.4
BW06	Boulder Array	38.77	81	eP	P	01	33	34.8	+0.3
H1N2	WAKE ISLAND Hy	38.83	222	T	T	02	15	10.7	
H1N2				T	T	02	15	10.7	
H1N2	comp=Z, 24.9nm, 2.5s	38.83	222	T	T	02	15	10.7	
H1N2	WAKE ISLAND Hy	38.84	222	T	T	02	15	10.7	
H1N2				T	T	02	15	10.7	
H1N2	comp=Z, 25.5nm, 2.7s, SNR=737	38.84	222	T	T	02	15	10.7	
H1N1	WAKE ISLAND Hy	38.85	222	T	T	02	15	10.0	
H1N1				T	T	02	15	10.0	
H1N1	comp=Z, 25.5nm, 2.7s, SNR=745	38.85	222	T	T	02	15	10.0	
GSC	Goldstone	39.06	96	eP	P	01	33	36.7	-0.1
GSC	Goldstone	39.06	96	eP</					

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GUMU Guam, CBIJ Chichijima, MJAR Matsushiro Arr, MAJO Matsushiro, JNU Nakatsue, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NNA Nana, LPAZ La Paz, LVC Limon Verde, CPUP Villa Florida, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ATAH Atahualpa, LPAZ La Paz, LVC Limon Verde, SAML Samuel, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like OTAV Otavalo, CFAA Coronel Fontan, CPUP Villa Florida, etc.

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Table with columns: PTGA Pitinga, BCIP Isla Barrero Col, SDV Santo Domingo, BDFB Brasilia, PMSA Palmer Station, TXAR Lajitas Array, WCI Wyandotte Cave, ELK Elko, HLID Halley, SNAASanae, FCC Fort Churchill, TOAO Torodi Ar. Sitl, TORD Torodi Ar. Bea, YKA Yellowknife Ar, ESCD Sonseca Array, TAM Tamnassret, H1N1S WAKE ISLAND HY19.77 285 T, H1N1S WAKE ISLAND HY19.78 285 T, H1N1S WAKE ISLAND HY19.79 285 T, H1S2 WAKE ISLAND HY19.83 283 T, H1S1S WAKE ISLAND HY19.84 283 T, H1S3 WAKE ISLAND HY19.85 283 T, ABKAR Akbulak array, WRA Warramunga Arr, ZALV Zalesovo Beam, SONM Songoing Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like USRK Ussuriysk Ar., JOT Ohata, KRS Kokug, JKH Hiroka, JMK Hinochi, JHS Saijui, JMM Jimori, JCH Chichijima, MKAR Makanchi Array, WRA Warramunga Arr, FINES Fineness Array B, ASAR Alice Springs, AKASG Malin Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GUMU Guam, GUMO, JUMC Chichijima, JCJ Chichijima, MJAR Matsushiro Arr, JAY Jayapura, KRSR Korea Array, PETK Petropavlovsk, WRA Warramunga Arr, WRA, WRA, ASAR Alice Springs, DZM Mont Dzumac, ZALV Zalesovo Beam, MKAR Makanchi Array, ILAR Eielson Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, DZM Mont Dzumac, ZALV Zalesovo Beam, MKAR Makanchi Array, ILAR Eielson Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CRZL Canterbury Las, RPZ Rata Peaks, WUZ Waitha Valley, KHZ Kahutara, LBZ Lake Benmore, THZ Tophouse, DSZ Denniston Nort, FOF Fox Glacier, ODZ Otua Downs, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ODD, BSWZ Blackbirch Sta, TUWZ Tuamarina, NNZ Neelson, NNZ, JCZ Jackson Bay, QRZ Quartz Range, TCW Tary Channel, EAZ Earnscleugh, PFWZ Palliser, DUZ D'Urville Isla, TUZ Tuapeka, CAW Cannon Point, KIWI Kapiti Island, MTW Mount Morrison, GCWZ Otaki Gorge, MLZ Mavora Lakes, MRZ Mangatainoka R, MRZ, SYZ Scrubby Hill, VRY Vera Road, HIZ Hauri, etc.

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

ISCJB 04 03:06:20.7.0.5, 37.20N:0.04:27.70E:0.04, h15km, 6km, Error ellipse: s-maj=6.9km s-min=4.9km az=0.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BDRM Kayabasi, BDRM Kayabasi, BODT Bodrum, BODT Bodrum, BODT Bodrum, AYDN Tasuluk, AYDN Tasuluk, YER Yerkesik, YER Yerkesik, YER Yerkesik, GCAM G?zelcam!?, GCAM G?zelcam!?, GCAM G?zelcam!?, AYDB Zeytinkoy-Aydi, AYDB Zeytinkoy-Aydi, AYDB Zeytinkoy-Aydi, TURN Turunc, TURN Turunc, DALY Dalyan (Mu'la), DALY Dalyan (Mu'la), DNZL Cakirokul, DNZL Cakirokul, KULA Kula-Manisa, AKAS Kas, AKAS Kas, AKAS Kas, etc.

ISCJB 04 03:07:13.4.0.5, 39.27N:0.03:26.00E:0.03, h7km, 4km, Error ellipse: s-maj=4.7km s-min=4.2km az=40.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like SIGR SIGRI, SIGR SIGRI, PRK Paraskevi, PRK Paraskevi, AYVA Ayvalik, AYVA Ayvalik, BOZC Bozcaada, CHOS Chios Island, CHOS Chios Island, LIA Limnos Island, LIA Limnos Island, LIA Limnos Island, URLA Izmir, URLA Izmir, URLA Izmir, SMTH Samothraki Isl, SMTH Samothraki Isl, SMTH Samothraki Isl, BALY Balya, BALY Balya, BALY Balya, DURS Dursunbey, DURS Dursunbey, DURS Dursunbey, etc.

DDA 04 03:12:51.8, 37.55N:35.58E, h7km, MD2.7 Error ellipse: s-maj=5.2km s-min=3.8km az=12.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DDA 04 03:12:51.8, 37.55N:35.58E, h7km, MD2.7, ISK 04 03:12:51.6, 37.54N:35.57E, h13km, MD2.6, CSEM 04 03:12:52.3, 37.53N:35.57E, h10km, MD2.6, Error ellipse: s-maj=4.9km s-min=3.6km az=22.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like DDA 04 03:12:51.8, 37.55N:35.58E, h7km, MD2.7, ISK 04 03:12:51.6, 37.54N:35.57E, h13km, MD2.6, CSEM 04 03:12:52.3, 37.53N:35.57E, h10km, MD2.6, Error ellipse: s-maj=4.9km s-min=3.6km az=22.0, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like TARA Tarawa, LWLI Liwa, H11S3 WAKE ISLAND, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like KUSUL Uljin, KHON Khomkhan, PSI Prapat, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like LAMP Lampang, CRAI Chiangrai, DL2 Dalian, etc.

YKA	Yellowknife Ar	99.85	27	P	Pdif	03 28 12.9	-1.0
YKBS	Yellowknife Ar	99.85	27	ePdif	Pdif	03 28 14.1	+0.2
MOD	Modoc	99.87	48	ePdif	Pdif	03 28 15.8	+1.0
MOD	comp-Z, 8.6nm, 1.1s						
HAWA	Hanford	99.93	43	PFAKE	LR	03 28 30.0	+15
HAWA	comp-Z, 6.98nm, 20.0s						
CMB	Columbia Colle	100.16	52	eP	Pdif	03 28 16.8	+0.8
CMB	comp-Z, 5.00nm, 20.0s						
CMB	Columbia Colle	100.16	52	ePdif	Pdif	03 28 16.8	+0.8
ARA0	ARCESS Array S	100.19	341	ePdif	Pdif	03 28 13.9	-1.4
ARCES	ARCESS Array B	100.19	341	P	P	03 28 13.9	-1.4
IO7A	Izeze	100.22	46	PFAKE	LR	03 28 30.0	+14
IO7A	comp-Z, 1.1um, 22.0s						
D08A	Wollman Farm,	100.27	43	PFAKE	LR	03 28 30.0	+14
D08A	comp-Z, 9.00nm, 20.0s						
G08A	Pilot Rock	100.47	45	PFAKE	LR	03 28 30.0	+13
G08A	comp-Z, 6.00nm, 21.0s						
C09A	Chrisman Ranch	100.60	42	PFAKE	LR	03 28 30.0	+12
C09A	comp-Z, 1.1um, 20.0s						
WVOR	Wild Horse Val	101.05	47	PFAKE	LR	03 28 30.0	+10
WVOR	comp-Z, 5.01nm, 20.0s						
NEW	Newport	101.29	41	PFAKE	LR	03 28 30.0	+9.2
NEW	comp-Z, 8.98nm, 21.0s						
F10A	Beach Ranch, E	101.58	44	PFAKE	LR	03 28 30.0	+7.9
F10A	comp-Z, 6.00nm, 20.0s						
NV01	Mina Array Sit	101.76	51	ePdif	Pdif	03 28 24.1	+0.8
NV01	comp-Z, 2.2nm, 0.9s, baz=252, slow=6.1, SNR=17						
NVAR	Mina Array Bea	101.76	51	eP	Pdif	03 28 22.9	-0.4
NVAR	comp-Z, 0.5nm, 0.8s, baz=264, slow=7.3, SNR=4.6						
OSI	Osito Adit	101.80	55	PFAKE	LR	03 28 40.0	+17
OSI	comp-Z, 1.1um, 21.0s						
ISA	Isabella	101.91	54	PFAKE	LR	03 28 40.0	+16
ISA	comp-Z, 7.00nm, 19.0s						
SNA4	Sanae	101.97	192	P	Pdif	03 28 26.3	+2.9
SNA4	comp-Z, 8.00nm, 20.0s						
SNA4	Sanae	101.97	192	eP	MLR	03 28 23.3	0.0
SNA4	comp-Z, 8.00nm, 20.0s						
SNA4	Sanae	101.97	192	ePdif	Pdif	03 28 23.3	0.0
PASC	Pasadena Art C	102.29	56	PFAKE	LR	03 28 40.0	+15
PASC	comp-Z, 1.1um, 22.0s						
BMN	Battle Mountai	102.35	49	PFAKE	LR	03 28 40.0	+14
BMN	comp-Z, 5.00nm, 19.0s						
DAC	Darwin (Calif)	102.56	54	PFAKE	LR	03 28 40.0	+13
DAC	comp-Z, 9.00nm, 19.0s						
PMPC	Manual Prospec	102.66	54	P	Pdif	03 28 27.3	0.0
PMPC	comp-Z, 1.1um, 20.0s						
EDM	Edmonton	102.69	36	PFAKE	LR	03 28 40.0	+13
EDM	comp-Z, 1.1um, 20.0s						
FIA0	FINESS Array S	102.74	333	eP	Pdif	03 28 25.7	-1.1
FIA0	comp-Z, 4.3nm, 0.8s, baz=86, slow=6.1, SNR=11						
FIA0	FINESS Array B	102.74	333	ePdif	Pdif	03 28 25.6	-1.1
FIA0	comp-Z, 4.3nm, 0.8s, baz=86, slow=6.1, SNR=11						
FINES	FINESS Array B	102.74	333	P	Pdif	03 28 25.7	-1.1
FINES	comp-Z, 4.0nm, 0.8s						
MFID	Camas Ranch	102.95	46	ePdif	Pdif	03 28 32.2	+3.9
MFID	comp-Z, 9.00nm, 21.0s						
BR10	Keskin Array S	103.03	310	ePdif	Pdif	03 28 28.6	-0.3
BR10	comp-Z, 0.6nm, 0.7s, baz=354, slow=9.9, SNR=4.2						
BRTR	Keskin Array B	103.03	310	Pdif	Pdif	03 28 28.6	-0.2
BRTR	comp-Z, 1.0nm, 0.7s						
WALA	Waterton Lakes	103.24	40	PFAKE	LR	03 28 40.0	+10
WALA	comp-Z, 1.1um, 20.0s						
GSC	Goldstone	103.30	54	P	Pdif	03 28 30.5	+0.4
GSC	comp-Z, 2.800nm, 20.0s						
GSC	Goldstone	103.30	54	PFAKE	LR	03 28 40.0	+10
GSC	comp-Z, 2.800nm, 20.0s						
TPNV	Topopah Spring	103.55	53	PFAKE	LR	03 28 40.0	+8.8
TPNV	comp-Z, 7.00nm, 19.0s						
MSO	Missoula	103.67	42	PFAKE	LR	03 28 40.0	+8.6
MSO	comp-Z, 9.00nm, 22.0s						
BAR	Barrett	103.70	57	PFAKE	LR	03 28 40.0	+8.2
BAR	comp-Z, 1.1um, 21.0s						
PFO	Pinyon Flat Ob	103.78	56	PFAKE	LR	03 28 40.0	+7.7
PFO	comp-Z, 1.1um, 21.0s						
ELK	Elko	103.80	49	eP	Pdif	03 28 34.7	+2.3
ELK	comp-Z, 1.1um, 20.0s						
ELK	Elko	103.80	49	ePdif	PP	03 28 34.7	+2.3
ELK	comp-Z, 1.1um, 20.0s						
CLC	Prodhromos	103.88	305	ePdif	Pdif	03 28 32.1	-0.4
R11A	Troy Canyon, C	103.89	51	PFAKE	LR	03 28 40.0	+7.3
R11A	comp-Z, 6.00nm, 20.0s						
HLID	Hailey	103.94	46	P	Pdif	03 28 33.7	+0.8
HLID	comp-Z, 7.99nm, 20.0s						
HLID	Hailey	103.94	46	PFAKE	LR	03 28 50.0	+17
HLID	comp-Z, 4.0nm, 0.9s, baz=62, slow=4.4, SNR=14						
AKASG	Malin Array Be	104.06	322	Pdif	Pdif	03 28 31.9	-1.0
AKBS	Malin Array Si	104.06	322	ePdif	Pdif	03 28 31.9	-1.0
KIEV	Kiev	104.08	322	eP	Pdif	03 28 32.2	-0.8
KIEV	comp-Z, 4.00nm, 21.0s						
KIEV	Kiev	104.08	322	ePdif	Pdif	03 28 32.2	-0.8
KIEV	comp-Z, 4.00nm, 21.0s						
AK11	Malin Array Si	104.11	322	ePdif	Pdif	03 28 32.4	-0.7
LDFC	Landfair	104.71	54	PFAKE	LR	03 28 50.0	+14
LDFC	comp-Z, 9.00nm, 22.0s						
DLMT	Dillon	104.88	44	PFAKE	LR	03 33 00.0	
DLMT	comp-Z, 7.00nm, 20.0s						
GLA	Glamis	105.20	57	PFAKE	LR	03 33 00.0	
GLA	comp-Z, 8.00nm, 21.0s						
BGU	Big Grassy Mou	105.42	48	PFAKE	LR	03 33 00.0	
BGU	comp-Z, 8.00nm, 19.0s						
HVU	Hansel Valley	105.46	47	eP	Pdif	03 28 42.6	+3.0
HVU	comp-Z, 1.1um, 21.0s						
HVU	Hansel Valley	105.46	47	ePdif	Pdif	03 28 42.6	+3.0
HVU	comp-Z, 1.1um, 21.0s						
DUG	Dugway	105.72	49	PFAKE	LR	03 33 10.0	
DUG	comp-Z, 6.01nm, 22.0s						
SPUT	South Promonto	105.78	48	PFAKE	LR	03 33 10.0	
SPUT	comp-Z, 1.1um, 20.0s						
TIRR	Tirgusor	106.03	316	PFAKE	LR	03 33 10.0	
TIRR	comp-Z, 3.00nm, 21.0s						
EGMT	Eagleton	106.17	41	PFAKE	LR	03 33 10.0	
EGMT	comp-Z, 1.1um, 20.0s						

NLU	North Lily Min	106.32	49	PFAKE	LR	03 33 10.0	
NLU	comp-Z, 6.00nm, 21.0s						
FXWY	Fox Creek	106.34	45	ePdif	Pdif	03 28 38.6	-5.0
FXWY	comp-Z, 1.1um, 22.0s						
IMW	Indian Meadow	106.35	45	ePdif	PKIKP	03 32 56.4	+1.6
IMW	comp-Z, 1.1um, 22.0s						
HWUT	Hardware Ranch	106.38	47	eP	PP	03 33 09.0	+0.5
HWUT	comp-Z, 1.1um, 22.0s						
TPAW	Teton Pass	106.43	45	PFAKE	LR	03 33 10.0	
TPAW	comp-Z, 1.1um, 21.0s						
FLWY	Flagg Ranch	106.47	45	PFAKE	LR	03 33 10.0	
FLWY	comp-Z, 9.00nm, 19.0s						
AHID	Auburn Hatcher	106.48	46	PFAKE	LR	03 33 10.0	
AHID	comp-Z, 7.99nm, 20.0s						
H17A	Grant Village	106.49	44	eP	PP	03 33 13.0	+3.7
H17A	comp-Z, 1.1um, 21.0s						
MOOW	Moose Ponds	106.52	45	PFAKE	LR	03 33 10.0	
MOOW	comp-Z, 1.1um, 22.0s						
REDW	Red Top Meadow	106.53	45	PFAKE	LR	03 33 10.0	
REDW	comp-Z, 9.00nm, 21.0s						
SNOW	Snow King Moun	106.57	45	PFAKE	LR	03 33 10.0	
SNOW	comp-Z, 1.1um, 21.0s						
TCUT	Toone Canyon	106.59	48	ePKP	PKIKP	03 32 55.8	+0.5
TCUT	comp-Z, 1.1um, 19.0s						
LOHW	Long Hollow	106.65	45	PFAKE	LR	03 33 10.0	
LOHW	comp-Z, 1.1um, 21.0s						
SUW	Suwaki	106.67	326	eP	Pdif	03 28 44.3	-0.1
SUW	comp-Z, 1.1um, 21.0s						
O16A	Springville	106.70	49	eP	PP	03 33 13.7	+2.7
O16A	comp-Z, 6.00nm, 20.0s						
RLMT	Red Lodge	107.22	43	PFAKE	LR	03 33 10.0	
RLMT	comp-Z, 8.99nm, 20.0s						
BUR0A	Bucovina Ar. S	107.40	319	ePdif	PKIKP	03 28 45.9	-2.1
BUR0A	comp-Z, 7.00nm, 22.1s						
P17A	Butcher Ranch,	107.42	49	PFAKE	LR	03 33 10.0	
P17A	comp-Z, 6.00nm, 21.0s						
BW06	Boulder Array	107.58	46	PFAKE	LR	03 33 10.0	
BW06	comp-Z, 7.03nm, 22.0s						
SRU	San Rafael	107.66	50	PFAKE	LR	03 33 10.0	
SRU	comp-Z, 9.00nm, 20.0s						
WUAZ	Wupatki	107.66	54	P	PKIKP	03 32 58.0	+0.7
WUAZ	comp-Z, 7.99nm, 20.0s						
WUAZ	Wupatki	107.66	54	PFAKE	LR	03 33 10.0	
WUAZ	comp-Z, 1.1um, 20.0s						
P18A	Preston Nutter	107.77	49	eP	PP	03 33 12.1	-6.9
P18A	comp-Z, 7.00nm, 22.0s						
MBAR	Mbarara	107.81	269	PFAKE	LR	03 33 10.0	
MBAR	comp-Z, 7.00nm, 22.0s						
J19A	Crowheart	107.83	45	P	PKIKP	03 32 57.7	+0.2
J19A	comp-Z, 1.1um, 20.0s						
I20A	Worland	108.31	44	P	PKIKP	03 32 58.5	+0.2
I20A	comp-Z, 1.1um, 20.0s						
KWP	Kawarita Pacla	108.39	322	eP	Pdif	03 28 52.6	+0.4
KWP	comp-Z, 1.1um, 20.0s						
FFC	Flin Flon	108.59	32	ePKP	PKIKP	03 28 52.6	+0.4
FFC	comp-Z, 1.1um, 22.0s						
RDO	Rodhopi	108.84	313	PFAKE	LR	03 33 10.0	
RDO	comp-Z, 2.8um, 21.0s						
LAO	LASA Array	108.84	41	PFAKE	LR	03 33 10.0	
LAO	comp-Z, 8.98nm, 20.0s						
UZH	Uzhgorod	108.97	321	iP	PP	03 28 55.2	+0.4
UZH	comp-Z, 1.1um, 20.0s						
PV04	Paradox Valley	109.05	50	ePKIKP	PKIKP	03 32 47.2	
PV04	comp-Z, 1.1um, 20.0s						
W18A	Petrified Fore	109.05	54	PFAKE	LR	03 33 28.7	+0.6
W18A	comp-Z, 9.00nm, 20.0s						
O20A	White River Ci	109.16	48	P	PKIKP	03 33 00.5	+0.4
O20A	comp-Z, 1.1um, 20.0s						
STHS	Stebnicka Huta	109.36	322	eP	Pdif	03 28 58.0	+1.4
STHS	comp-Z, 1.1um, 20.0s						
NB2	NORSAR Subarra	109.38	336	P	Pdif	03 28 58.0	+1.4
NB2	comp-Z, 5.4nm, 1.1s, baz=58, slow=4.4						
NB2	NORSAR Subarra	109.38	336	P	Pdif	03 28 55.0	-1.4
NB2	comp-Z, 5.4nm, 1.1s, baz						

TRI	Trieste	115.45	320	PFAKE	LR	03 33 20.0	+8.4
128A	Castillery Fa	115.48	55	P	PKPdf	03 33 12.3	+0.1
R30A	Dighton	115.61	48	P	PKPdf	03 33 12.3	+0.1
X29A	Tulla	115.64	53	P	PKPdf	03 33 11.9	-0.6
D34A	Park Rapids	115.72	38	P	PKPdf	03 33 11.3	-0.4
K32A	Verdigre	115.74	43	P	PKPdf	03 33 11.4	-0.9
Y29A	Porterfield Fa	115.82	53	P	PKPdf	03 33 13.0	+0.2
CBKS	Cedar Bluff	115.84	48	PFAKE	LR	03 33 20.0	+7.3
U30A	WK&E Inc. Balk	115.87	50	P	PKPdf	03 33 13.0	+0.2
P31A	Stuckton	115.87	47	P	PKPdf	03 33 12.8	+0.1
Z29A	Hogson Hill Ra	115.95	54	P	PKPdf	03 33 13.2	+0.1
R31A	Burdett	116.17	48	P	PKPdf	03 33 13.1	-0.3
329A	Wagon Wheel Ra	116.17	56	P	PKPdf	03 33 13.3	-0.3
ECSD	EROS Data Cent	116.24	42	P	PKPdf	03 33 12.8	-0.4
529A	Stev Forest Ra	116.30	58	P	PKPdf	03 33 13.6	-0.2
X30A	Coker Ranch, T	116.30	53	P	PKPdf	03 33 13.7	+0.1
MOTA	Mossalm	116.37	323	PKIKP	PKPdf	03 33 12.9	-0.7
H34A	Spellman Lake,	116.40	40	P	PKPdf	03 33 13.5	0.0
P32A	Hutting Farm,	116.40	46	P	PKPdf	03 33 13.6	-0.1
Z30A	Sanderson Ranc	116.41	54	P	PKPdf	03 33 13.1	-0.8
D35A	Remer	116.41	37	P	PKPdf	03 33 12.9	-0.5
Y30A	Stafford Cattl	116.44	53	P	PKPdf	03 33 14.3	+0.4
T31A	Randall Ranch,	116.44	49	P	PKPdf	03 33 14.4	+0.6
429A	Davenport Ranc	116.45	57	P	PKPdf	03 33 14.1	0.0
Q32A	Meitler Ranch,	116.65	47	P	PKPdf	03 33 14.4	+0.2
V31A	Spring Creek L	116.72	51	P	PKPdf	03 33 15.3	+0.8
R32A	Long Quarter,	116.73	48	P	PKPdf	03 33 14.5	+0.2
FETA	Feichten	116.75	323	PKIKP	PKPdf	03 33 14.2	-0.1
230A	Sterling City	116.79	55	P	PKPdf	03 33 14.6	-0.1
STU	Stuttgart	116.80	325	PFAKE	LR	03 33 30.0	+16
330A	Mertzon	116.86	56	P	PKPdf	03 33 14.3	-0.5
Y31A	Rekieta Farm,	116.92	53	P	PKPdf	03 33 14.8	-0.1
430A	Baggett Ranch,	116.96	57	P	PKPdf	03 33 15.0	0.0
Q33A	Hebron	116.97	46	P	PKPdf	03 33 14.3	-0.4
530A	Le Mars	117.00	42	P	PKPdf	03 33 14.5	-0.2
K34A	J-C Ranch, Com	117.03	57	P	PKPdf	03 33 15.3	+0.1
AQU	L'Aquila	117.06	317	ePKIKP	MLR	03 33 14.5	-0.4
AQU	L'Aquila	117.06	317	ePKPdf	PKPdf	03 33 14.5	-0.4
DAVA	Damuels	117.13	323	PKIKP	PKPdf	03 33 15.0	-0.1
131A	Roby	117.17	54	P	PKPdf	03 33 15.3	-0.1
Q33A	Connelly Farm,	117.18	47	P	PKPdf	03 33 15.1	0.0
Z31A	Sharp Cattle R	117.19	54	P	PKPdf	03 33 15.4	0.0
FUORN	Openpass-Fuorn	117.22	323	PFAKE	LR	03 33 30.0	+15
R33A	Olander Ranch,	117.31	48	P	PKPdf	03 33 15.8	+0.3
V32A	Arapaho	117.36	51	P	PKPdf	03 33 16.1	+0.4
231A	Bronte	117.43	55	P	PKPdf	03 33 15.7	-0.2
331A	San Angelo	117.50	56	P	PKPdf	03 33 15.8	-0.3
431A	Sonora	117.51	57	P	PKPdf	03 33 16.1	0.0
EYMN	Ely	117.51	36	PFAKE	LR	03 33 30.0	+14
BFO	Black Forest	117.52	325	PFAKE	LR	03 33 30.0	+14
MEM	Membach	117.58	328	PFAKE	LR	03 33 30.0	+14
531A	Rocksprings	117.69	57	P	PKPdf	03 33 16.9	+0.4
P34A	Walnut Farm, R	117.71	46	P	PKPdf	03 33 15.8	-0.4
Z32A	Haskell	117.73	53	P	PKPdf	03 33 16.4	0.0
ABTX	Abilene, Hawle	117.79	54	P	PKPdf	03 33 16.6	0.0
ABTX	Abilene, Hawle	117.79	54	ePKPdf	LR	03 33 16.5	-0.1
TUE	Stuetta	117.85	323	PFAKE	LR	03 33 30.0	+14
631A	Perdido Creek	117.85	58	P	PKPdf	03 33 16.7	-0.1
R34A	Isabella, Hill	117.85	47	P	PKPdf	03 33 16.7	+0.2
WMOK	Wichita Mounta	117.86	52	ePKIKP	PKPdf	03 33 16.5	-0.1
WMOK	Wichita Mounta	117.86	52	ePKPdf	PKPdf	03 34 27.4	-0.1
232A	Coleman	117.99	55	P	PKPdf	03 33 17.1	+0.1
KSU1	Kansas State U	118.03	46	P	PKPdf	03 33 16.4	-0.4
KSU1	Kansas State U	118.03	46	PFAKE	LR	03 33 30.0	+13
WLF	Walfardange	118.03	327	PFAKE	LR	03 33 30.0	+14
SPMN	St. Paul	118.04	39	PFAKE	LR	03 33 30.0	+13
332A	Millersview	118.05	56	P	PKPdf	03 33 16.9	-0.2
432A	Menard	118.14	56	P	PKPdf	03 33 17.1	-0.2
X33A	Lawton	118.14	52	P	PKPdf	03 33 16.8	-0.4
TSUM	Tsumeb	118.22	47	ePKPdf	PKPdf	03 33 16.3	-1.6
JCT	Junction City	118.24	57	ePKIKP	MLR	03 33 17.5	0.0
JCT	Junction City	118.24	57	P	PKPdf	03 33 17.2	-0.3
JCT	Junction City	118.24	57	ePKPdf	PKPdf	03 33 17.4	0.0
532A	Rocksprings	118.24	57	P	PKPdf	03 33 17.3	-0.2
ECH	Echery	118.25	325	PFAKE	LR	03 33 30.0	+13

VLC	Villacollemand	118.28	320	PFAKE	LR	03 33 30.0	+13
P35A	Duane Minner,	118.30	46	P	PKPdf	03 33 16.3	-1.0
133A	Hamilton Ranch	118.39	54	P	PKPdf	03 33 17.7	0.0
EDI	Edinburgh	118.45	337	PFAKE	LR	03 33 30.0	+13
V34A	Guthrie	118.49	50	P	PKPdf	03 33 17.7	-0.1
632A	Uvalde	118.50	58	P	PKPdf	03 33 18.4	+0.4
732A	Laxson Ranch,	118.53	59	P	PKPdf	03 33 18.2	+0.2
Q35A	Mercer Eighty,	118.53	46	P	PKPdf	03 33 17.8	0.0
233A	Rising Star	118.57	55	P	PKPdf	03 33 18.2	+0.1
832A	Faith Ranch, C	118.64	59	P	PKPdf	03 33 18.8	+0.6
X34A	Smith Ranch, M	118.65	52	P	PKPdf	03 33 18.6	+0.5
333A	Richland Sprin	118.69	55	P	PKPdf	03 33 18.2	-0.1
433A	Art	118.76	56	P	PKPdf	03 33 18.0	-0.4
S35A	Outer Creek Ra	118.76	48	P	PKPdf	03 33 18.6	+0.3
T35A	Sooner Cattle	118.89	49	P	PKPdf	03 33 19.0	+0.5
Y34A	Reagan Ranch,	118.91	52	P	PKPdf	03 33 18.5	-0.2
Q36A	Arnold C. Orve	118.91	46	P	PKPdf	03 33 17.9	-0.6
U35A	Blanco	118.91	49	P	PKPdf	03 33 18.5	-0.1
533A	Kerrville	118.98	57	P	PKPdf	03 33 18.6	-0.3
633A	Saathoff Ranch	119.02	58	P	PKPdf	03 33 19.9	+0.9
V35A	Meyer Ranch, C	119.04	50	P	PKPdf	03 33 19.1	+0.3
134A	White-Moore Ra	119.07	54	P	PKPdf	03 33 19.4	+0.4
R36A	Gordon, Harris	119.12	47	P	PKPdf	03 33 18.3	-0.7
833A	Chaparral WMA,	119.12	59	P	PKPdf	03 33 19.7	+0.5
SEMIN	Lac Senin/Sane	119.13	323	PFAKE	LR	03 33 30.0	+11
234A	Clairette	119.19	54	P	PKPdf	03 33 19.4	+0.1
W35A	Tecumseh	119.21	51	P	PKPdf	03 33 19.0	-0.2
334A	Lometa	119.30	55	P	PKPdf	03 33 18.7	-0.8
136A	Boogs Farm, Ca	119.31	48	P	PKPdf	03 33 19.6	+0.3
434A	Burnet	119.42	56	P	PKPdf	03 33 19.6	-0.1
534A	Blanco	119.46	57	P	PKPdf	03 33 19.4	-0.5
Y35A	Marietta	119.49	52	P	PKPdf	03 33 19.5	-0.3
Z35A	Perchaven, San	119.50	53	P	PKPdf	03 33 19.8	0.0
135A	Vickery Place,	119.61	54	P	PKPdf	03 33 20.4	+0.4
R37A	Teagarden Farm	119.62	47	P	PKPdf	03 33 19.8	-0.1
V36A	Jenks	119.71	50	P	PKPdf	03 33 20.2	+0.1
W36A	Wetumka	119.72	50	P	PKPdf	03 33 20.1	-0.1
WHTX	Lake Whitney	119.75	54	PFAKE	LR	03 33 30.0	+10
WHTX	Lake Whitney	119.75	54	PFAKE	LR	03 33 30.0	+10
TUL1	Tulsa	119.78	50	P	PKPdf	03 33 19.6	-0.6
TUL1	Tulsa	119.78	50	ePKPdf	PKPdf	03 33 20.4	+0.2
X36A	Centrahoma	119.81	51	P	PKPdf	03 33 20.3	-0.1
OT37	Fort Scott	119.83	47	P	PKPdf	03 33 19.8	-0.5
CWF	Charnwood Fore	119.86	333	PFAKE	LR	03 33 30.0	+10
T37A	Cheneyville 18	120.00	48	P	PKPdf	03 33 20.6	0.0
034A	Hebronville	120.04	60	P	PKPdf	03 33 22.3	+1.3
934A	Benavides	120.05	59	P	PKPdf	03 33 22.9	+1.9
Y36A	Durant	120.09	52	P	PKPdf	03 33 20.8	-0.1
U37A	Salina	120.12	49	P	PKPdf	03 33 20.8	-0.1
Z36A	Blue Ridge	120.17	53	P	PKPdf	03 33 21.3	+0.2
BNI	Bardonecchia	120.17	322	ePKIKP	MLR	03 33 20.5	-0.4
BNI	Bardonecchia	120.17	322	ePKPdf	PKPdf	03 33 20.5	-0.4
535A	Dale	120.22	56	P	PKPdf	03 33 21.3	-0.1
635A	Leesville	120.22	57	P	PKPdf	03 33 21.7	+0.4
V37A	Hulbert	120.29	49	P	PKPdf	03 33 20.8	-0.4
W37A	Quinton	120.33	50	P	PKPdf	03 33 21.4	0.0
236A	Katherine and	120.49	54	P	PKPdf	03 33 22.0	+0.3
X37A	Clayton	120.57	51	P	PKPdf	03 33 22.0	+0.2
536A	Basrop	120.62	56	P	PKPdf	03 33 22.5	+0.5
436A	Wall Ranch, Ga	120.65	55	P	PKPdf	03 33 22.5	+0.4
U38A	Gravette	120.65	48	P	PKPdf	03 33 21.2	-0.8
636A	Smothers Creek	120.80	57	P	PKPdf	03 33 23.8	+0.1
V38A	Canehill	120.85	49	P	PKPdf	03 33 21.6	-0.8
736A	Circle Diamond	120.94	58	P	PKPdf	03 33 24.0	+1.3
X38A	Whitesboro	120.96	51	P	PKPdf	03 33 23.0	+0.4
W38A	Potomac	121.06	50	P	PKPdf	03 33 22.9	+0.2
237A	Washetta, Mont	121.08	54	P	PKPdf	03 33 24.0	+1.2
SSB	Saint Sauveur	121.34	324	PFAKE	LR	03 33 30.0	+7.0
138A	Matatal Ent	121.44	53	P	PKPdf	03 33 24.4	+0.9
338A	Crockett	121.68	54	P	PKPdf	03 33 24.2	+0.2
HKT	Hockley	121.68	56	ePKIKP	PKPdf	03 33 25.0	+1.0
HKT	Hockley	121.68	56	ePKPdf	PKPdf	03 33 25.0	+1.0
Y39A	Lockesboro	121.79	51	P	PKPdf	03 33 24.3	+0.3
MIAR	Mount Ida	121.97	50	ePKIKP	PKPdf	03 33 24.4	-0.1
MIAR	Mount Ida	121.97	50	P	PKPdf	03 33 25.1	+0.6
MIAR	Mount Ida	121.97	50	ePKPdf	PKPdf	03 33 24.4	-0.1
339A	Humetion	122.30	54	P	PKPdf	03 33 25.8	+0.6
KEST	Kesra	122.59	312	PKP	PKPdf	03 33 25.0	-0.8
340A	Bronson	122.81	50	P	PKPdf	03 33 26.6	+0.4
UALR	University of	122.82	50	ePKPdf	PKPdf	03 33 26.4	-1.7
440A	Kirbyville	122.98	55	P	PKPdf	03 33 27.3	+0.8
PBMO	Peplar Bluff	123.43	47	ePKPdf	PKPdf	03 33 26.9	-0.3
SCHO	Schefferville	123.79	47	PKP	PKPdf	03 33 25.6	-1.9
SIUC	Southern Illin	123.89	45	PFAKE	LR	03 33 40.0	+12

SIUC	Parma	123.97	46	ePKPdf	PKPdf	03 33 28.5	+0.3
OLIL	Olney	124.20	43	ePKPdf	PKPdf	03 33 28.8	+0.1
WCI	Wyanadotte Cave	125.68	43	ePKPdf	PKPdf	03 33 30.3	0.0
BLO	Bloomington	125.06	42	ePKPdf	PKPdf	03 33 30.0	+0.0
OXF	Oxford	12					

Table with columns: Country, Name, Time, Pmax, P, and other metrics. Includes entries like PSI Prapat, PSI, TRIT Trng, WHN Wuhan, NONG Nongkai, CHAI Chaiyaphum, KSAR Wonju Array Be, etc.

Table with columns: Country, Name, Time, Pmax, P, and other metrics. Includes entries like PETK Petropavlovsk, RAMN Ramite, PKI Pulchok, PKIN Phulchoki, etc.

Table with columns: Country, Name, Time, Pmax, P, and other metrics. Includes entries like COLA College, COLA, SVE Sverdlövsk, ILAR Eielson Array, etc.

NEIC 04 03:44:14.4, 43.62S, 172.15E, h13km, ML4.0(WEL), After WEL, South Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Lists stations like Rata Peaks, Lake Taylor, Waihata Valley, etc.

s-maj=22.8km s-min=22.5km az=94.0 ISC 04 04:05:20.2, 0.8, 30.05S, 0.08, 177.7W, 0.1, h35km, n19, r158/18, mb4.3/6, Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Lists stations like Raoul Island, Ouz, DTM, etc.

ISC 04 04:33:26.3, 0.7, 38.44N, 0.01, 21.91E, 0.01, h9km, 3km, n157, r058/251, Greece

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Lists stations like Efpalio, Trizonia, University Cam, etc.

ISCJB 04 03:47:40.9, 0.5, 22.82S, 0.04, 66.99W, 0.07, h192km, 7km, mb4.2/13, Error ellipse: s-maj=10.6km s-min=6.6km az=174.9

NEIC 04 03:47:41.5, 0.7, 22.84S, 66.94W, h192km, 9km, mb4.4/11, Error ellipse: s-maj=12.1km s-min=8.0km az=83.3

IDC 04 03:47:41.6, 0.9, 22.73S, 66.88W, h179km, 8km, mb4.1/7, mb1.4/1.0, mb1mx3.7/25, mbtmp4.5/10, MSJ3.8/2, Mb1.3/8.2, ms1mx3.0/19, Error ellipse: s-maj=17.6km s-min=14.4km az=68.0

GUC 04 03:47:43.5, 0.4, 22.72S, 67.51W, h224km, 9km, ML4.8 ISC 04 03:47:41.4, 0.8, 22.85S, 0.05, 66.97W, 0.08, h182km, 9km, n40, r137/47, mb4.3/13, Jujuy Province

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

KRSC 04 04:19:20.1, 0.8, 54.13N, 161.39E, h41km, 16km, ML3.9, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Lists stations like Mys Kozlova, Karymskiy, Kizimen, etc.

ISCJB 04 04:28:57.8, 0.5, 39.17N, 0.03, 40.28E, 0.03, h4km, 7km, Error ellipse: s-maj=5.0km s-min=4.0km az=136.8

CSEM 04 04:28:57.6, 0.2, 39.16N, 40.32E, h10km, MD2.9, Error ellipse: s-maj=5.2km s-min=4.3km az=120.0

ISK 04 04:28:57.2, 39.18N, 40.30E, h7km, MD2.9 DDA 04 04:28:57.8, 39.19N, 40.28E, h7km, MD2.6

ISC 04 04:28:57.9, 1.1, 39.17N, 0.03, 40.30E, 0.02, h10km, 11km, n21, r059/35, Turkey

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

ISCJB 04 04:33:25.7, 0.2, 38.44N, 0.01, 21.90E, 0.01, h6km, 2km, mb3.2/2, Error ellipse: s-maj=1.9km s-min=1.9km az=166.6

IDC 04 03:32:55.1, 5.1, 38.27N, 21.97E, h0km, mb3.2/3, mb1.3/3.4, mb1mx3.2/36, mbtmp3.3/4, ML3.2/1, Error ellipse: s-maj=59.7km s-min=23.9km az=158.0

CSEM 04 04:33:25.9, 0.1, 38.43N, 21.91E, h7km, MD3.2, Error ellipse: s-maj=1.9km s-min=1.7km az=48.0

ATH 04 04:33:25.6, 38.44N, 21.92E, h14km, 1km, MD3.2/33, ML3.2

THE 04 04:33:26.4, 38.44N, 21.91E, h5km, ML3.1/31, Error ellipse: s-maj=0.5km s-min=0.3km az=244.0

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

ISCJB 04 04:05:19.0, 0.9, 30.15S, 0.06, 177.9W, 0.1, h35km, mb4.2/8, Error ellipse: s-maj=18.1km s-min=8.8km az=10.8

NEIC 04 04:05:21.9, 1.5, 29.91S, 177.77W, h59km, 12km, mb4.4/3, Error ellipse: s-maj=20.1km s-min=15.5km az=133.0

IDC 04 04:05:21.6, 1.6, 29.97S, 177.83W, h54km, 15km, mb4.0/7, mb1.4/2.7, mb1mx3.9/28, mbtmp4.2/7, Error ellipse:

Table with columns: VLX, Vlachokerasia, 1.13 161, P, Pg, 04 33 46.8 -1.1, baz=98, MNAS Manas, 2.29 86, Op, Pn, 04 39 47.8 -0.8, mb1 3.7/2, mb1mx3.5/31, mltmp3.4/2, Error ellipse: s-maj=53.0km s-min=13.1km az=98.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC, 04 39 47.8 -0.8, mb1 3.7/2, mb1mx3.5/31, mltmp3.4/2, Error ellipse: s-maj=53.0km s-min=13.1km az=98.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC, 04 48 57.8 -1.1, mb1 3.7/2, mb1mx3.5/31, mltmp3.4/2, Error ellipse: s-maj=53.0km s-min=13.1km az=98.0

2010 SEP

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LPAZ La Paz, TORD Torodi Arr, WRA Warramunga Arr, SONM Songoing Array, KSRS Korea Array.

AUST 04 06:23:46.0-0.8, 30.21Sx176.58W, h47km, Error ellipse: s-maj=1.6km s-min=1.0km az=306.0
ISCJB 04 06:23:52.6-0.7, 30.30Sx177.9W, 0.1, h46km, mb4.3/9, MS3.4/1, Error ellipse: s-maj=15.9km s-min=8.0km az=7.1

NEIC 04 06:23:52.1-0.7, 30.37Sx177.74W, h35km, mb4.7/7, Error ellipse: s-maj=19.8km s-min=11.5km az=110.0
IDC 04 06:23:54.5-2.8, 30.17Sx177.83W, h52km, 21km, mb4.1/7, mb1 4.3/7, mb1mx3.9/31, mbtmp4.3/7, MS3.3/1, Ms1 3.3/1, ms1mx2.7/27, Error ellipse: s-maj=31.8km s-min=19.2km az=145.0

ISC 04 06:23:53.6-0.7, 30.26Sx177.8W, 0.1, h46km, n34, r=119/33, mb4.3/9, 1C, Kermadec Islands
RAO Raoul Island 1.02 352 Pn Pn 06 24 11.7 +0.3
RAO Raoul Island 1.02 352 ePn S Pn 06 24 13.5 +2.1

RAO Raoul Island 1.02 352 ePn S Pn 06 24 13.5 +2.1
RAO Raoul Island 1.02 352 ePn S Pn 06 24 13.5 +2.1
OMahuta 8.03 234 ePn Pn 06 25 56.9 -4.4
URZ Urewera 9.80 207 ePn Pn 06 27 48.7 -1.8

ODZ Otahua Downs 17.35 209 eP Pn 06 27 50.1 -2.1
RMQ Roma 29.63 269 P Pn 06 29 57.5 +2.8
CTA Charters Tower 33.98 279 eP Pn 06 30 33.8 +0.8
CTAO Charters Tower 33.98 279 eP Pn 06 30 33.7 +0.8

STKA Stephens Creek 34.71 257 P Pn 06 30 40.1 +0.9
STKA Stephens Creek 34.71 257 eP Pn 06 30 40.5 +1.3
STKA Stephens Creek 34.71 257 eP Pn 06 30 39.8 +0.7

MTSU Mount Surprise 36.47 281 P Pn 06 30 55.8 +1.5
ASAR Alice Springs 43.32 267 P Pn 06 31 50.2 -1.1
WRAB Tennant Creek 44.29 272 eP Pn 06 31 57.7 -1.4

WRA Warramunga Arr 44.20 272 P Pn 06 31 58.3 -0.8
WRKA Warakurna 47.70 263 P Pn 06 32 24.3 -1.6
FITZ Fitzroy Crossi 52.56 270 P Pn 06 33 02.8 +0.1

FITZ Fitzroy Crossi 52.56 270 P Pn 06 33 02.7 -0.1
GSPA South Pole Qui 59.85 180 eP Pn 06 33 55.6 +1.4
MAW Mawson 72.51 200 P Pn 06 35 15.9 +0.8

SYO Syowa Base 72.29 1931 eP Pn 06 35 41.6 -1.1
SNAA Snares 78.29 178 P Pn 06 35 49.0 +0.7
VNAZ Neumayer-Watz 78.86 177 P Pn 06 35 51.7 +0.3

NVIR Mina Array Bea 88.04 43 P Pn 06 36 14.0 +2.0
MKAR Makanchi Array 117.84 310 PKP Pn 06 42 33.8 -0.8
BVAR Borovoye Array 126.45 316 PKP Pn 06 42 50.7 -0.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AKASG Malin Array Be, CLL Colim, BRTR Keskin Array B, GERES GERRS Array B.

ISCJB 04 06:54:09.7-0.6, 43.65Sx172.54E, 0.07, h16km, mb3.3/2, Error ellipse: s-maj=9.2km s-min=4.3km az=40.5
NEIC 04 06:54:11.3, 43.60Sx172.38E, h4km, ML4.2(WEL), After WEL

IDC 04 06:54:11.2-1.8, 43.41Sx172.35E, h0km, mb3.4/2, mb1 3.7/3, mb1mx3.5/28, mbtmp3.5/3, ML3.5/1, MS3.2/1, Ms1 3.2/1, ms1mx2.6/15, Error ellipse: s-maj=48.3km s-min=13.6km az=154.0

ISC 04 06:54:10.6-0.9, 43.63Sx172.46E, 0.05, h16km, n28, r=124/35, South Island
Code Station Name Az Az' Phase ID Time Res ISC
LTZ Lake Taylor 0.82 350 Op Pn 06 54 26.9 -0.7

RPZ Rata Peaks 1.03 263 Pn Pn 06 54 30.0 -0.1
RPZ Rata Peaks 1.03 263 ePn S Pn 06 54 29.9 -0.2
RPZ Rata Peaks 1.03 263 ePn S Pn 06 54 29.9 -0.2

RPZ Rata Peaks 1.03 263 ePn S Pn 06 54 29.9 -0.2
RPZ Rata Peaks 1.03 263 ePn S Pn 06 54 29.9 -0.2
Waikata Valley 1.42 34 ePn Pn 06 54 37.0 0.0

LBZ Lake Benmore 1.82 243 Pn Pn 06 54 41.7 +0.4
LBZ Lake Benmore 1.82 243 ePn S Pn 06 55 09.9 -0.3
THZ Topohue 1.86 10 Pn Pn 06 54 41.8 0.0

ODZ Otahua Downs 1.91 221 ePn Pn 06 54 42.5 +0.2
ODZ Otahua Downs 1.91 221 ePn Pn 06 54 42.5 +0.2
FOX Fox Glacier 2.01 270 Pn Pn 06 54 43.9 0.0

NNZ Nelson 2.47 16 Pn Pn 06 54 50.8 +0.6
JAZ Jackson Bay 2.72 259 Pn Pn 06 54 53.8 0.0
WKZ Wanganui 2.77 242 Pn Pn 06 54 54.4 +0.1

QCZ Quartz Range 2.79 233 Pn Pn 06 54 54.7 +0.5
EAZ Earnscleugh 2.89 233 Pn Pn 06 54 54.5 0.0
SNZO South Karori 2.92 37 ePn Pn 06 55 00.2 -0.4

WEL Wellington 2.87 37 Pn Pn 06 54 56.2 +0.5
TUZ Tupaka 3.10 250 Pn Pn 06 54 59.0 +0.1
MSZ Milford Sound 3.44 250 Pn Pn 06 55 03.2 -0.2

MLZ Mavora Lakes 3.55 239 Pn Pn 06 55 03.3 +0.4
MRZ Mangatainai R 3.74 39 Pn Pn 06 55 06.9 -0.7
SCR Scrubby Hill R 3.77 217 Pn Pn 06 55 07.7 +0.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RPZ Rata Peaks, RPZ Rata Peaks, RPZ Rata Peaks, RPZ Rata Peaks.

RPZ Rata Peaks 1.03 259 Pg Pn 07 07 26.3 -0.6
RPZ Rata Peaks 1.03 259 Pg Pn 07 07 26.3 -0.6
RPZ Rata Peaks 1.03 259 Pg Pn 07 07 26.3 -0.6

RPZ Rata Peaks 1.03 259 Pg Pn 07 07 26.3 -0.6
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RPZ Rata Peaks 1.03 259 Pg Pn 07 07 26.3 -0.6
RPZ Rata Peaks 1.03 259 Pg Pn 07 07 26.3 -0.6
RPZ Rata Peaks 1.03 259 Pg Pn 07 07 26.3 -0.6

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

CSEM 04 07:23:42.7, 1.6, 39.26N, 44.12E, h2km, MD2.7, Error ellipse: s-maj=27.5km s-min=13.8km az=87.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CLDR Caldiran, AGRB Hanur-Agry, etc.

NAO 04 07:37:27.9, 1.4, 76.95N, 18.24E, h14km, 11km, ML3.7

CSEM 04 07:37:27.0, 1.7, 76.95N, 18.47E, h5km, ML2.3, Error ellipse: s-maj=3.8km s-min=2.4km az=42.0

ISCJJB 04 07:37:28.0, 8.7, 96.0N, 1.18, 3E, 0.2, h16km, Error ellipse: s-maj=19.7km s-min=5.9km az=10.8

BER 04 07:37:31.1, 76.95N, 18.28E, h15km, MD2.1, ML2.3, ML3.7(NAO)

ISC 04 07:37:28.2, 0.8, 76.92N, 0.03, 18.24E, 0.04, h16km, n17, 0.075/26, Svalbard region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HSP Hornsund, SPA0 Spitsbergen Ar, HOPEN Hopon, etc.

IDC 04 07:49:16.0, 0.6, 14.95S, 75.43W, h0km, mb4, 1/1, mb1 4.3/13, mb1mx4.1/36, mbtmp4.1/13, ML3.7/2, MS3.5/2, Ms1 3.4/2, ms1mx3.0/20, Error ellipse: s-maj=27.4km s-min=14.8km az=63.0

ISCJJB 04 07:49:18.5, 0.3, 14.87S, 0.06, 75.33W, 0.09, h28km, mb4.5/31, MS3.5/2, Error ellipse: s-maj=14.2km s-min=6.2km az=152.7

NEIC 04 07:49:22.1, 0.9, 14.90S, 75.33W, h44km, 8km, mb4, 7/22, Error ellipse: s-maj=11.2km s-min=4.8km az=65.0

NEIC Felt III at Nazca and Palpa, ISC 04 07:49:20.2, 0.4, 14.87S, 0.07, 75.4W, 0.1, h28km, n72, 0.1507/70, mb4.5/31, 1C, Near coast of Peru

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

Main table with columns: CPUP, Station Name, Az, Phase ID, Time, Res. Includes stations like TROA Torquist, BDFB Brasilia, USHA Ushuaia, etc.

Main table with columns: NNA, Station Name, Az, Phase ID, Time, Res. Includes stations like NNA Nana, OTAV Otavalo, LPAZ La Paz, etc.

JCT	Junction City baz=45,SNR=7.7	45.26 329	P	P	07 58 26.8 +0.3	Z28A	Tucker Farm, M baz=49,SNR=6.9	48.82 329	P	P	07 58 53.6 -0.6	T26A	22nm,0.8s Comanche Natio baz=53	52.49 331	P	P	07 59 22.0 +0.3
JCT	Junction City 11nm,0.8s	45.26 329	eP	P	07 58 26.9 +0.4	Y29A	Porterfield Fa baz=49,SNR=20	48.91 330	P	P	07 58 54.9 +0.1	P31A	Stockton baz=53,SNR=6.4	52.53 336	P	P	07 59 21.0 0.0
136A	Ennis baz=46,SNR=5.3	45.34 333	P	P	07 58 27.5 +0.5	V33A	Lozan Ranch, baz=49	48.94 334	P	P	07 58 55.0 +0.1	N34A	Lincoln baz=53,SNR=6.1	52.58 339	P	P	07 59 21.0 -1.1
Z38A	Mt. Pleasant baz=46	45.34 336	P	P	07 58 27.6 +0.6	X30A	Coker Ranch, T baz=49,SNR=12	48.99 331	P	P	07 58 55.5 +0.1	R28A	Tribune baz=53,SNR=9.9	52.59 333	P	P	07 59 22.4 +0.1
WHXT	Lake Whitney baz=46	45.35 332	P	P	07 58 27.6 +0.4	T36A	Boggs Farm, Ca baz=49,SNR=5.8	49.02 337	P	P	07 58 55.1 -0.5	O32A	Brockman Farm, baz=53,SNR=9.9	52.73 337	P	P	07 59 22.8 -0.5
WHXT	Lake Whitney 9.6nm,0.7s	45.35 332	eP	P	07 58 27.5 +0.4	T35A	Sooner Cattle baz=49,SNR=5.8	49.15 337	P	P	07 58 56.2 -0.2	S26A	Kim baz=53,SNR=9.3	52.78 331	P	P	07 59 24.1 +0.3
531A	Rocksprings baz=46,SNR=7	45.40 328	P	P	07 58 28.6 +0.9	U34A	Anderson Ranch baz=50,SNR=5.9	49.15 335	P	P	07 58 56.2 -0.3	N33A	J Bar Exete baz=53,SNR=6.3	52.83 338	P	P	07 59 23.5 -0.4
JSRW	J. Sargeant Re Richard Sprin baz=46,SNR=10	45.46 356	eP	P	07 58 27.6 -0.3	U34A	Anderson Ranch 19nm,0.7s	49.15 335	eP	P	07 58 56.0 -0.5	M35A	Neola baz=53,SNR=5.4	52.85 340	P	P	07 59 23.1 -1.0
333A	Ennis baz=46,SNR=10	45.53 330	P	P	07 58 28.8 +0.2	W31A	Holland Ranch, baz=49	49.15 332	P	P	07 58 56.6 0.0	T25A	Trinidad baz=53,SNR=11	52.86 330	P	P	07 59 24.8 +0.3
Z37A	Pogue Cattle C baz=46	45.56 335	P	P	07 58 29.4 +0.6	V32A	Arapaho baz=49,SNR=11	49.19 333	P	P	07 58 57.6 +0.8	T25A	Trinidad 28nm,1.1s	52.86 330	eP	P	07 59 25.0 +0.5
432A	Menard baz=46,SNR=11	45.57 329	P	P	07 58 29.2 +0.2	Y28A	McKinney Farm, baz=49	49.24 329	P	P	07 58 57.4 +0.1	P30A	Selden baz=53	52.91 335	P	P	07 59 24.6 0.0
Y39A	Lockesburg baz=46,SNR=18	45.59 337	P	P	07 58 28.9 -0.1	MNTX	Cornudas Mount baz=49	49.24 325	P	P	07 58 57.4 +0.1	R27A	Eads baz=53,SNR=11	53.00 332	P	P	07 59 25.2 -0.1
234A	Clairette baz=46,SNR=13	45.68 331	P	P	07 58 30.4 +0.6	MNTX	Cornudas Mount 13nm,1.3s	49.24 325	eP	P	07 58 56.9 -0.4	O31A	Woolen Ranch, baz=53	53.05 336	P	P	07 59 25.2 -0.4
135A	Vickers Place, baz=46	45.80 333	P	P	07 58 31.2 +0.5	S37A	Fort Scott baz=50,SNR=9.2	49.25 339	P	P	07 58 56.5 -0.7	N32A	Stulken Farm, baz=53	53.17 337	P	P	07 59 26.0 -0.4
530A	J-O Ranch, Com baz=46,SNR=8.9	45.81 327	P	P	07 58 31.7 +0.8	U33A	Lingo Farm, Me baz=50	49.38 335	P	P	07 58 57.8 -0.5	M34A	Aspy Farms, Fr baz=53,SNR=7.4	53.19 339	P	P	07 59 26.0 -0.6
Y38A	Idabel baz=46,SNR=6.2	45.83 336	P	P	07 58 30.8 -0.1	X29A	Tulia baz=50,SNR=21	49.39 330	P	P	07 58 58.4 -0.1	Q28A	Sharon Springs baz=53,SNR=7.0	53.25 333	P	P	07 59 27.6 0.0
431A	Sonot baz=46,SNR=17	45.84 328	P	P	07 58 31.8 +0.6	SFIN	Scholer Farm baz=50	49.43 347	P	P	07 58 56.6 -1.9	P29A	Atwood baz=53,SNR=7.6	53.31 332	P	P	07 59 27.7 0.0
332A	Millersview baz=46,SNR=22	45.95 329	P	P	07 58 32.4 +0.4	W30A	Crocket Farms baz=50	49.44 332	P	P	07 58 59.1 +0.2	R26A	Arington baz=53,SNR=12	53.37 336	P	P	07 59 27.9 0.0
Z36A	Blue Ridge baz=46,SNR=6.0	45.97 334	P	P	07 58 32.6 +0.6	S36A	Lake Cedric, C baz=50,SNR=6.1	49.50 338	P	P	07 58 58.6 -0.6	O30A	MW Ranch, Wils baz=54,SNR=8.2	53.37 336	P	P	07 59 27.9 0.0
233A	Rising Star baz=46,SNR=11	46.05 331	P	P	07 58 33.5 +0.7	T34A	McClasky Farm baz=50,SNR=6.7	49.51 336	P	P	07 58 59.4 +0.2	L35A	Blow Farm, R baz=54,SNR=12	53.38 340	P	P	07 59 26.9 -1.0
134A	White-Moore Ra baz=46,SNR=12	46.12 332	P	P	07 58 34.0 +0.8	MSTX	Muleshoe baz=50,SNR=12	49.55 329	P	P	07 58 59.9 +0.1	M33A	Taylor Creek F baz=54,SNR=5.1	53.47 339	P	P	07 59 27.9 -0.7
Y37A	Hugo baz=46	46.24 335	P	P	07 58 34.6 +0.7	MSTX	Muleshoe 15nm,0.6s	49.55 329	eP	P	07 58 59.6 -0.1	N31A	Bailey Ranch, baz=54	53.48 337	P	P	07 59 28.6 -0.1
331A	San Angelo baz=48,SNR=22	46.24 329	P	P	07 58 34.6 +0.4	V31A	Spring Creek L baz=50,SNR=8.3	49.59 333	P	P	07 59 00.5 +0.6	KSCO	Kaye Shedlock baz=54,SNR=6.0	53.51 333	P	P	07 59 29.3 +0.3
430A	Gaggett Ranch, baz=46,SNR=18	46.25 328	P	P	07 58 34.5 +0.1	X28A	Dimmitt baz=50,SNR=5.6	49.69 330	P	P	07 59 00.6 -0.3	KSCO	Kaye Shedlock 34nm,1.0s	53.51 333	eP	P	07 59 29.5 +0.4
529A	Stev Forest Ra baz=46,SNR=7.5	46.27 326	P	P	07 58 35.1 +0.6	AMTX	Amarillo 26nm,1.3s	49.73 330	P	P	07 59 01.0 -0.1	L34A	Swenson Farm, baz=54,SNR=8.2	53.53 340	P	P	07 59 27.8 -1.3
232A	Coleman baz=46,SNR=22	46.31 330	P	P	07 58 35.3 +0.5	AMTX	Amarillo 26nm,1.3s	49.73 330	eP	P	07 59 00.8 -0.3	P28A	Saint Francis baz=54,SNR=9.4	53.58 334	P	P	07 59 29.6 0.0
Z35A	Perchaven, San baz=47,SNR=9.7	46.38 333	P	P	07 58 36.0 +0.7	S35A	Otter Creek Ra baz=50,SNR=15	49.74 337	P	P	07 59 00.5 -0.4	O29A	4D Ranch, Culb baz=54,SNR=9.1	53.63 335	P	P	07 59 29.9 +0.1
Y36A	Duran baz=47,SNR=11	46.45 335	P	P	07 58 36.3 +0.6	R37A	Teagarden Farm baz=50	49.74 339	P	P	07 59 01.0 +0.1	BGNE	Belgrade baz=54,SNR=6.7	53.68 338	P	P	07 59 29.5 -0.6
429A	Davenport Ranc baz=47,SNR=12	46.48 327	P	P	07 58 36.6 +0.4	W29A	Amraillo baz=50	49.91 331	P	P	07 59 02.3 -0.1	BGNE	Belgrade 5.5nm,0.7s	53.68 338	eP	P	07 59 29.1 -1.0
TXAR	Lajitas Array 4.4nm,0.6s,baz=148,slow=9.0,SNR=33	46.50 324	P	P	07 58 36.6 +0.3	V30A	Spur Ranch, Mi baz=50	49.97 332	P	P	07 59 03.6 +0.8	K35A	Storm Lake baz=54,SNR=8.0	53.83 341	P	P	07 59 30.4 -0.8
TXAR	Whitesboro 0.8nm,0.5s,baz=112,slow=3.6,SNR=4.3	46.52 337	P	P	07 58 36.7 +0.4	T33A	Patterson Ranc baz=50	49.99 335	P	P	07 59 03.1 +0.2	Q26A	Hugo baz=54,SNR=6.2	53.85 332	P	P	07 59 31.9 +0.3
X38A	Whitesboro baz=47,SNR=7.2	46.52 337	P	P	07 58 37.2 +0.6	R36A	Gordon, Harris baz=50	50.00 338	P	P	07 59 02.6 -0.3	SDCO	Great Sand Dun baz=54,SNR=5.1	53.88 330	P	P	07 59 32.3 +0.3
133A	Hamilton Ranch baz=47,SNR=12	46.55 331	P	P	07 58 37.2 +0.6	S34A	Willow Spring baz=50	50.06 336	P	P	07 59 02.9 -0.5	SDCO	Great Sand Dun baz=54,SNR=5.1	53.88 330	eP	P	07 59 32.4 +0.4
X37A	Clayton baz=47,SNR=7.6	46.67 336	P	P	07 58 37.6 +0.1	U31A	Nine Bar Ranch baz=50	50.09 333	P	P	07 59 04.3 +0.6	N30A	Huetfield Ranch, baz=54	53.91 336	P	P	07 59 32.1 +0.2
231A	Gronte baz=47,SNR=17	46.69 329	P	P	07 58 37.6 -0.1	Q37A	Longview Farm, baz=50	50.11 340	P	P	07 59 02.9 -0.8	P27A	Ficken Ranch, baz=54	53.93 333	P	P	07 59 32.2 +0.1
330A	Mertzton baz=47,SNR=15	46.71 328	P	P	07 58 38.0 +0.1	HDIL	Hopedale baz=50	50.12 345	P	P	07 59 02.3 -1.4	M31A	Lambrecht Ranc baz=50	53.93 337	P	P	07 59 31.7 -0.3
Z34A	Collier Ranch, baz=47,SNR=6.4	46.71 333	P	P	07 58 38.5 +0.7	R35A	Emporia Munci baz=50	50.25 338	P	P	07 59 04.7 -0.1	214A	Organ Pipe Nat baz=54,SNR=8.2	53.96 319	P	P	07 59 32.9 +0.5
W38A	Poteau baz=47,SNR=5.5	46.75 337	P	P	07 58 38.7 +0.6	W28A	Vega baz=50	50.29 330	P	P	07 59 05.3 +0.1	214A	Organ Pipe Nat 22nm,1.2s	53.96 319	eP	P	07 59 32.8 +0.4
Y35A	Marietta baz=47,SNR=6.4	46.77 334	P	P	07 58 39.4 +1.1	S33A	Kaznaul Farm, baz=50	50.33 336	P	P	07 59 05.4 0.0	L33A	Hooks baz=54,SNR=5.3	54.02 339	P	P	07 59 31.8 -0.8
ABTX	Abilene, Hawle baz=47,SNR=17	46.91 331	P	P	07 58 39.8 +0.5	V29A	Stinnett baz=51	50.45 331	P	P	07 59 06.3 -0.2	O28A	Krutsinger Ran baz=54	54.04 334	P	P	07 59 33.1 +0.2
ABTX	Abilene, Hawle 37nm,0.7s	46.91 331	eP	P	07 58 39.9 +0.5	Q36A	Arnold C. Orve baz=51,SNR=9.3	50.55 339	P	P	07 59 05.6 -1.4	K34A	Las Mars baz=54	54.08 340	P	P	07 59 33.3 +0.3
Z33A	Whitaker Ranch baz=47,SNR=14	47.03 332	P	P	07 58 41.1 +0.8	U30A	WK&E Inc. Balk baz=51	50.58 333	P	P	07 59 07.6 +0.2	L32A	Elgin baz=54,SNR=5.8	54.14 338	P	P	07 59 32.8 -0.7
X36A	Centrahoma baz=47,SNR=7.8	47.05 335	P	P	07 58 40.4 0.0	T31A	Randall Ranch, baz=50	50.62 334	P	P	07 59 07.5 -0.1	W18A	Petrified Fore baz=54	54.22 324	P	P	07 59 34.8 +0.4
230A	Sterling baz=47,SNR=12	47.06 329	P	P	07 58 40.6 0.0	R34A	Isabella, Hill baz=51,SNR=16	50.63 337	P	P	07 59 07.4 -0.3	W18A	Petrified Fore 45nm,1.6s	54.22 324	eP	P	07 59 35.2 +0.8
Y34A	Reagan Ranch, baz=47,SNR=12	47.13 333	P	P	07 58 41.5 +0.4	Q35A	Mercer Eighty, baz=51,SNR=16	50.66 338	P	P	07 59 07.0 -0.9	P26A	Davis Ranch, A baz=50	54.28 333	P	P	07 59 34.7 0.0
W37A	Quinton baz=47,SNR=5.8	47.17 336	P	P	07 58 41.5 +0.2	V28A	Channing baz=51,SNR=9.0	50.69 331	P	P	07 59 08.1 -0.2	K33A	Hardington baz=54,SNR=6.9	54.31 340	P	P	07 59 33.7 -1.0
X35A	Drake baz=47,SNR=5.1	47.17 334	P	P	07 58 41.2 -0.1	S32A	Newby Ranch, P baz=51,SNR=11	50.81 335	P	P	07 59 09.5 +0.5	J35A	Milford baz=55	54.30 341	P	P	07 59 33.8 -1.5
329A	Wagon Wheel Ra baz=47	47.20 327	P	P	07 58 42.0 +0.3	R33A	Olander Ranch, baz=51	50.93 336	P	P	07 59 09.5 -0.4	O27A	Becher Island baz=55,SNR=5.7	54.40 334	P	P	07 59 35.9 +0.4
Z32A	Haskell baz=48,SNR=11	47.39 331	P	P	07 58 42.8 +0.3	T30A	Plains baz=51	50.96 333	P	P	07 59 10.2 0.0	N28A	Pribbeno Ranch baz=55	54.41 335	P	P	07 59 35.8 +0.3
V38A	Canehill baz=48,SNR=8.2	47.41 338	P	P	07 58 42.5 -0.7	V27A	Dan Oppiter Fa baz=50	50.99 330	P	P	07 59 10.5 -0.1	S22A	4UR Ranch, Cre baz=55,SNR=10	54.55 329	P	P	07 59 37.4 +0.5
SIUC	Southern Ilin Bryant Ranch, baz=48,SNR=10	47.43 344	eP	P	07 58 42.1 -1.1	P36A	Good Intent, A baz=51,SNR=6.6	51.04 339	P	P	07 59 09.2 -1.5	S22A	4UR Ranch, Cre 33nm,1.5s	54.55 329	eP	P	07 59 37.2 +0.3
229A	Bryant Ranch, baz=48,SNR=10	47.48 328	P	P	07 58 43.9 0.0	Q34A	Chapman baz=51,SNR=9.8	51.06 337	P	P	07 59 10.1 -0.7	J34A	George baz=55,SNR=5.5	54.57 341	P	P	07 59

KSAR Wonju Array Be 77.25 53 P P 08 47 42.4 +1.3
KSRS Korea Array 77.27 53 P P 08 47 42.4 +1.3
MJAR Matsushiro Arr 84.36 49 P P 08 48 19.7 +0.6

ISCJB 04 08:43:55.2±0.6, 39.64N, 0.03±0.29, 48E±0.04, h0km, Error ellipse: s-maj=5.0km s-min=4.3km az=166.1
CSEM 04 08:43:55.6±0.4, 39.64N, 29.50E, h1km, MD2.5, Error ellipse: s-maj=7.3km s-min=6.4km az=134.0, Mining explosion.

DDA 04 08:43:55.1, 39.67N, 29.44E, h7km, MD2.6
ISK 04 08:43:56.8, 39.74N, 29.58E, h20km, MD2.5
ISC 04 08:43:55.4±1.0, 39.65N, 0.03±0.29, 49E±0.03, h0km, n22, c055/34, Turkey

Code Station Name Δ° AZ° Phase ID Time Res
GDZ Gediz 0.56 180 i P Pg 08 44 06.8 +0.7
GDZ Gediz 0.56 180 i P Pg 08 44 06.8 +0.7
ULDT Uludag 0.56 332 i P Sg 08 44 05.4 -0.8

MOS 04 08:51:59.6±1.0, 17.21S, 173.97W, h33km, mb6.0/75, MS5.5/19, Error ellipse: s-maj=8.5km s-min=6.4km az=74.7

BUI 04 08:51:59.7, 16.94S, 173.73W, h43km, mb5.5/59, mb5.7/50, MS5.6/71, M7.5/57
ISCJB 04 08:51:59.7±1.1, 17.26S, 0.03±173.93W±0.2, h41km, gkm, mb5.9/316, MS5.4/43, Error ellipse: s-maj=5.5km s-min=3.0km az=166.3

NEIC 04 08:52:01.0±0.0, 17.27S, 174.00W, h80km, Moment Tensor Solution. s24 Moment tensor: Scale 1018Nm; Mn:0.74; Mw:0.26; Mv:1.00; Mr:0.55; Ms:0.15; Mz:0.73; Best double couple: Mo1.30000, 1018 NP1.0±20.00000, 0.70, 0.00000, 1.17, 0.00000. NP2.0±325.00000, 0.33, 0.00000, 1.37, 0.00000. Principal axes: T 1.3100, Plg56.0000, Azm148.0000; N -0.0400, Plg25.0000, Azm12.0000; P -1.2700, Plg20.0000, Azm272.0000.
IDC 04 08:52:03.2±1.3, 17.40S, 174.11W, h59km, 10km, mb5.2/33, mb1.5/33, mb1mms2/240, mbtmps5/33, MS5.2/22, MS1.5/22, ms1ms5.2/20, Error ellipse: s-maj=11.5km s-min=9.3km az=160.0

SZGRF 04 08:52:03.3, 16.42S, 173.02W, h33km, Tonga Islands
NEIC 04 08:52:04.1±0.1, 17.37S, 174.00W, h69km, mb5.9/226, MS5.9, MW6.0, MW6.1, Error ellipse: s-maj=4.6km s-min=2.7km az=149.0, Moment Tensor Solution. s69 Moment tensor: Scale 1018Nm; Mr:1.44; Ms:0.93; Mw:0.50; Mn:0.34; Mv:0.57; Mr:1.15; Best double couple: Mo1.80000, 1018 NP1.0±156.00000, 0.61, 0.00000, 1.19, 0.00000. NP2.0±266.00000, 0.40, 0.00000, 1.49, 0.00000. Principal axes: T 2.0900, Plg61.0000, Azm112.0000; N -0.6600, Plg25.0000, Azm320.0000; P -1.4100, Plg11.0000, Azm224.0000. Broadband fault plane solution: P waves. NP1.0±342.00000, 0.67, 0.00000, 1.70, 0.00000. NP2.0±185.00000, 0.65, 0.00000, 1.10, 0.00000. Principal axes: T Plg68.0000, Azm115.0000; N Plg0.0000, Azm0.0000; P Plg19.0000, Azm268.0000. Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism.

NEIC Felt [I] at Apia, Samoa
GCMT 04 08:52:04.1±0.1, 17.33S, 173.54W, h83km, MW6.0/135, Moment Tensor Solution. s129, c313, s13c, c423; Duration: 28s Moment tensor: Scale 1018Nm; Mn:0.88±0.1; Mw:0.18±0.1; Mv:1.06±0.1; Mr:0.37±0.1; Ms:0.38±0.1; Mz:0.95±0.1; Best double couple: Mo1.46700, 1018 NP1.0±190.00000, 0.69, 0.00000, 1.14, 0.00000. NP2.0±318.00000, 0.32, 0.00000, 1.43, 0.00000. Principal axes: T 1.4570, Plg59.0000, Azm134.0000; N 0.0200, Plg23.0000, Azm1.0000; P -1.4770, Plg21.0000, Azm262.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s.

NEIC 04 08:52:25.5±0.0, 17.06S, 173.67W, h70km, Moment Tensor Solution. s105 Moment tensor: Scale 1018Nm; Mn:1.03; Mw:0.24; Mv:1.27; Mr:0.27; Ms:0.08; Mz:0.82; Best double couple: Mo1.40000, 1018 NP1.0±191.00000, 0.64, 0.00000, 1.105, 0.00000. NP2.0±340.00000, 0.30, 0.00000, 1.62, 0.00000. Principal axes: T 1.3600, Plg67.0000, Azm129.0000; N 0.1700, Plg13.0000, Azm4.0000; P -1.5300, Plg17.0000, Azm270.0000.

ISC 04 08:52:03.7±0.5, 17.45S, 0.04±173.94W±0.04, h65km, 3km, n1673, c1910/1745, mb5.9/316, 126C-54D, Tonga Islands

Code Station Name Δ° AZ° Phase ID Time Res
AFI Afiamalu 4.09 31 P P Sn 08 52 58.6 -5.3
AFI 2.0m, 0.3s, baz=209, slow=17, SNR=9.1
AFI comp=Z, 1.6um, 20.7s, baz=292, slow=30

comp=Z, 235nm, 0.5s, baz=322, slow=2.7, SNR=44
URZ Urewera 22.16 199 e P S 09 00 51.8 -2.7
URZ comp=Z, 758nm, 1.3s
URZ Taraia 22.73 324 e P S 09 00 54.8 -2.7
URZ PAE Paea 23.23 94 e T P 08 57 00.5 0.0

comp=Z, 72nm, 0.8s, baz=143, slow=9.4, SNR=4.2
GUMO Guam 51.03 305 e P P 09 00 59.8 +0.2
GUMO comp=Z, 179nm, 1.3s
GUMO comp=Z, 179nm, 1.3s
MTN Manton Dam 53.07 267 e P P 09 01 13.4 -1.4
FORT Forrest 54.05 244 e P P 09 01 20.0 -1.8
FAKI Fak Fak 54.69 279 e P P 09 01 27.5 +0.8
FAKI Fak Fak 54.69 279 e P P 09 01 27.2 +0.5

4d 8h

KASI	Kota Agung	80.33 267	P	P	09 04 08.3 -0.2
MDJ	Mudanjiang	80.33 323	P	P	09 04 08.4 +0.6
MDJ			pP	pP	09 04 18.6 +3.9
MDJ			sP	sP	09 04 20.7 -1.2
MDJ			SS	SS	09 14 10.8 +2.4
MDJ			SS	SS	09 19 23.2 +1.6
MDJ	comp=Z,48nm,1.4s				
MDJ	comp=Z,360nm,4.7s			PMZ	
MDJ	comp=Z,2um,26.2s			LN	
MDJ	comp=Z,3um,29.8s			LE	
MDJ	comp=Z,5um,30.3s			LZ	
MDJ	Mudanjiang	80.33 323	eP	P	09 04 08.0 +0.2
121A	Cookes Peak, D	80.42 52	P	P	09 04 08.5 -0.3
121A	Cookes Peak, D	80.42 52	eP	P	09 04 09.5 +0.7
CRA6	Craig	80.43 22	eP	P	09 04 08.3 +0.3
NKL	Nikolayevsk	80.45 334	iP	P	09 04 06.0 -2.2
NKL					09 04 22.0
NKL	comp=Z,100nm,1.7s			pmax	pmax
NKL	comp=Z,400nm,4.0s			pmax	pmax
NKL	comp=Z,2um,16.0s			MLR	MLR
NKL	comp=N,900nm,17.0s			MLR	MLR
NKL	comp=E,400nm,17.0s			MLR	MLR
B06A	Marblemont	80.56 32	eP	P	09 04 08.3 -0.6
ETW	Entiat	80.58 34	P	P	09 04 08.9 -0.3
MFID	Camas Ranch	80.60 39	eP	P	09 04 09.2 -0.2
RC01	Rabbit Creek A	80.65 12	eP	P	09 04 08.2 -0.9
DUG	Dugway	80.71 43	eP	P	09 04 10.0 -0.1
DUG	Dugway	80.71 43	eP	P	09 04 09.8 -0.4
DUG	Dugway	80.71 43	eP	P	09 04 10.0 -0.1
DUG	Dugway	80.71 43	eP	P	09 04 11.7 0.0
LWL	Liwa	80.89 268	P	P	09 04 09.5 -2.2
MDSI	Maura Dua	80.93 268	P	P	09 04 11.0 -0.5
BGU	Big Grassy Mts	80.96 42	eP	P	09 04 11.0 -0.5
NJ2	Nanjing	80.99 308	eP	P	09 04 12.6 +1.0
NJ2			pP	pP	09 04 20.6 +2.7
NJ2			sP	sP	09 04 25.3 -1.1
NJ2			S	S	09 14 16.0 +0.2
NJ2	comp=Z,60nm,0.6s			PMZ	
NJ2	comp=Z,2um,10.3s			LN	
NJ2	comp=Z,7um,26.9s			LE	
NJ2	comp=Z,9um,29.8s			LZ	
D08A	Woolman Farm,	80.99 35	eP	P	09 04 11.1 -0.2
EYAK	Cordova Ski Ar	80.99 14	eP	P	09 04 10.1 -0.8
NLU	North Lily Min	81.07 43	eP	P	09 04 12.3 +0.2
PMR	Palmer	81.22 12	eP	P	09 04 10.8 -1.3
PMR	Palmer	81.22 12	eP	P	09 04 10.8 -1.3
PMR	Palmer	81.22 12	eP	P	09 04 14.1 +0.6
TMUT	Trail Mountain	81.30 44	eP	P	09 04 12.7 -0.3
OD2	Odessa Site #2	81.31 34	P	P	09 04 14.3 -0.2
WRAK	Wrangell Islan	81.44 22	eP	P	09 04 13.4 0.0
DIV	Divide	81.50 13	eP	P	09 04 13.0 -0.8
HLID	Hailey	81.54 39	P	P	09 04 14.3 -0.2
HLID	Hailey	81.54 39	eP	P	09 04 14.5 0.0
SPUT	South Promonto	81.54 42	eP	P	09 04 14.7 +0.2
O16A	Springville	81.57 43	eP	P	09 04 13.2 -0.6
HVU	Hansel Valley	81.58 41	eP	P	09 04 14.6 -0.1
HVU	Hansel Valley	81.58 41	eP	P	09 04 14.6 -0.1
SML	Sawmill	81.58 12	eP	P	09 04 12.5 -1.6
SML	Sawmill	81.58 12	eP	P	09 04 12.5 -1.6
BMRM	Bremner River	81.62 14	eP	P	09 04 13.6 -0.8
SRU	San Rafael	81.66 45	eP	P	09 04 15.5 +0.3
SRU	San Rafael	81.66 45	eP	P	09 04 15.5 +0.3
SRU	San Rafael	81.66 45	eP	P	09 04 15.5 +0.3
CTU	Camp Tracy	81.66 43	eP	P	09 04 15.6 +0.4
GZH	Guangzhou	81.67 297	P	P	09 04 34.0 +1.9
GZH			S	S	09 14 23.9 +0.8
GZH	comp=Z,3um,10.5s			pmax	pmax
GZH	comp=N,2um,31.2s			LR	LR
GZH	comp=E,3um,31.2s			LR	LR
P17A	Butcher Ranch	81.70 44	eP	P	09 04 15.9 +0.5
LAZ	Ladron	81.76 50	eP	P	09 04 16.5 +0.6
Y22D	IRIS PASSCAL 1	81.77 51	P	P	09 04 16.8 +0.9
C09A	Chrisman Ranch	81.79 34	P	P	09 04 14.5 -1.0
K09A	Klutina	81.80 13	P	P	09 04 15.0 -0.3
MNTX	Cornudas Mount	81.86 53	P	P	09 04 16.4 +0.1
PPLA	Purkeypille	81.89 10	eP	P	09 04 14.3 -1.5
PCA	Pinnacle	81.95 16	eP	P	09 04 16.1 0.0
KLR	Kul'dur	81.95 327	eP	P	09 04 12.8 -3.5
KLR			eS	eS	09 14 18.0 -7.1
KLR			eS	eS	09 19 42.5
MA2	Magadan	81.96 343	eP	P	09 04 16.9 +0.8
DLV	T Lat	81.97 285	eP	P	09 04 17.9 +0.6
LPM	Los Pinos Moun	82.09 50	eP	P	09 04 17.5 -0.1
TCUT	Toone Canyon	82.11 43	eP	P	09 04 17.2 -0.4
P18A	Preston Nutter	82.11 44	eP	P	09 04 18.0 +0.2
MVCO	Mesa Verde	82.11 47	eP	P	09 04 17.7 0.0
MVCO	Mesa Verde	82.11 47	eP	P	09 04 17.6 -0.2
TXAR	Lajitas Array	82.18 56	P	P	09 04 18.6 +0.5
TXAR	comp=Z,9.2nm,0.8s,baz=219,slow=5.8,SNR=52			LR	LR
TXAR	comp=Z,2um,21.8s,baz=0.0,slow=30			LR	LR
TXAR	Lajitas Array	82.18 56	P	P	09 04 18.6 +0.5
HWUT	Hardware Ranch	82.26 42	eP	P	09 04 17.8 -0.6
BESE	Bessie Mountai	82.29 19	eP	P	09 04 18.9 +1.0
PV10	Paradox Valley	82.30 46	eP	P	09 04 18.4 -0.3
CN2	Changchun	82.32 320	eP	P	09 04 18.4 0.0
CN2			eP	eP	09 04 28.7 +5.3
CN2	comp=Z,10.0nm,0.8s			PMZ	
CN2	comp=Z,500nm,3.0s			PMZ	

2010 SEP

CN2	comp=Z,1um,28.0s				
CAST	Castle Rocks	82.40 10	eP	P	09 04 16.3 -2.0
PV04	Paradox Valley	82.40 46	eP	P	09 04 18.8 -0.3
SNY	Shenyang	82.44 318	iP	P	09 04 19.8 +0.8
SNY			PP	PP	09 07 29.6 +0.5
SNY			SS	SS	09 14 31.7 +1.4
SNY			SS	SS	09 14 55.8 -4.9
SNY	comp=Z,72nm,1.6s			PMZ	
SNY	comp=Z,1um,14.7s			LN	
SNY	comp=Z,880nm,37.2s			LE	
SNY	comp=Z,800nm,21.1s			LZ	
PV01	Paradox Valley	82.51 46	eP	P	09 04 19.7 -0.1
ANMO	Albuquerque	82.51 50	eP	P	09 04 20.1 +0.3
ANMO				pmax	pmax
ANMO	comp=Z,136nm,1.7s			MLR	MLR
ANMO	comp=Z,1um,16.0s			MLR	MLR
ANMO	Albuquerque	82.51 50	eP	P	09 04 19.6 -0.3
PMSA	Palmer Station	82.52 156	P	P	09 04 20.2 +1.1
PMSA	Palmer Station	82.52 156	eP	P	09 04 20.3 +1.2
NEW	Newport	82.69 34	eP	P	09 04 18.9 -1.3
NEW	Newport	82.69 34	P	P	09 04 20.0 -0.2
NEW	Newport	82.69 34	eP	P	09 04 18.9 -1.3
KTH	Kantishna Hill	82.71 10	eP	P	09 04 19.3 -0.7
TRF	Thorfare Moun	82.73 10	eP	P	09 04 19.1 -1.1
HARP	HAARP	82.78 13	eP	P	09 04 20.1 -0.2
SKAG	Skagway	82.84 19	eP	P	09 04 21.1 +0.4
TNA	Tin City	82.89 3	eP	P	09 04 21.6 +0.9
DHY	Denali Highway	82.92 12	eP	P	09 04 20.2 -1.1
MYKOM	Kota Tinggi	83.10 274	iP	P	09 04 23.2 +0.1
MYKOM	Kota Tinggi	83.10 274	eP	P	09 04 24.3 +1.2
AHMD	Auburn Hatcher	83.16 41	eP	P	09 04 23.0 0.0
MCMT	McKenzie Canyo	83.17 39	eP	P	09 04 22.9 -0.1
QIZ	Qiongzong	83.19 292	P	S	09 04 23.8 +0.4
QIZ				PMZ	
QIZ	comp=Z,25nm,2.0s			PMZ	
QIZ	comp=Z,1um,14.7s			LN	
QIZ	comp=Z,1um,27.0s			LZ	
QIZ	comp=Z,3um,28.4s			LZ	
QIZ	Qiongzong	83.19 292	eP	P	09 04 24.9 +1.5
PAX	Paxson	83.21 10	eP	P	09 04 21.1 -1.5
PAX	Paxson	83.21 13	eP	P	09 04 21.4 -1.2
PAX	Paxson	83.21 13	eP	P	09 04 21.4 -1.2
PAX	Paxson	83.21 13	eP	P	09 04 21.4 -1.2
MCK	McKinley	83.22 11	eP	P	09 04 21.7 -0.9
MCK	McKinley	83.22 11	eP	P	09 04 21.7 -0.9
MCK	McKinley	83.22 11	eP	P	09 04 21.7 -0.9
BWN	Browne	83.53 11	eP	P	09 04 23.3 -0.8
S22A	4UR Ranch, Cre	83.54 47	P	P	09 04 25.1 -0.1
MENT	Mentasta	83.56 13	eP	P	09 04 24.0 -0.4
DLMT	Dillon	83.61 39	eP	P	09 04 25.3 +0.1
REDW	Red Top Meadow	83.62 41	eP	P	09 04 25.1 -0.3
TPAW	Teton Pass	83.62 41	eP	P	09 04 25.0 -0.4
MSO	Missoula	83.63 37	eP	P	09 04 24.8 -0.4
MSO	Missoula	83.63 37	eP	P	09 04 24.2 -1.0
FWXY	Fox Creek	83.65 41	eP	P	09 04 25.3 -0.3
529A	Stev Forest Ra	83.65 56	P	P	09 04 25.1 -0.5
KGM	Kluang	83.68 274	iP	P	09 04 26.6 +0.5
O20A	White River Ci	83.70 45	eP	P	09 04 25.8 -0.1
O20A	White River Ci	83.70 45	eP	P	09 04 25.8 -0.1
BSMT	Bassoo Peak	83.72 36	eP	P	09 04 24.4 -1.4
SNOW	Snow King Moun	83.73 41	eP	P	09 04 25.6 -0.4
DLBC	Dease Lake	83.79 22	eP	P	09 04 25.4 -0.3
WHN	Wuhan	83.82 305	iP	P	09 04 28.0 +1.6
WHN			PP	PP	09 04 38.4 -5.9
WHN			S	S	09 14 43.5 -1.3
WHN	comp=Z,50nm,0.8s			PMZ	
WHN	comp=Z,3um,21.2s			LN	
WHN	comp=Z,1um,16.2s			LE	
WHN	comp=Z,5um,23.4s			LZ	
IMW	Indian Meadow	83.84 40	eP	P	09 04 26.4 -0.2
MOOW	Moose Ponds	83.89 41	eP	P	09 04 25.6 -1.1
LOHW	Long Hollow	83.90 41	eP	P	09 04 26.0 -0.8
LRM	Limekiln Ridge	83.94 38	eP	P	09 04 26.7 -0.3
JTMT	Jette	83.95 36	eP	P	09 04 25.7 -1.2
SWMT	Swartz Lake	83.97 36	eP	P	09 04 25.5 -1.5
QLMT	Earthquake Lak	84.03 39	eP	P	09 04 27.8 +0.4
BLMT	Blacktail Moun	84.05 36	eP	P	09 04 26.8 -0.7
CHMT	Chamberlain Mo	84.07 37	eP	P	09 04 26.5 -1.1
FLWY	Flagg Ranch	84.08 40	eP	P	09 04 27.8 +0.1
SMCO	Snowmass	84.10 46	eP	P	09 04 28.1 -0.1
DOT	Dot Lake	84.11 13	eP	P	09 04 26.5 -0.7
SLMT	Seelye Lake	84.11 37	eP	P	09 04 26.6 -1.2
429A	Davenport Ranc	84.12 56	P	P	09 04 27.9 -0.1
BW06	Boulder Array	84.13 42	eP	P	09 04 27.2 -0.8
TIA	Tai'an	84.14 311	iP	P	09 04 28.9 +1.0
TIA			sP	sP	09 04 45.8 -7.2
T					

OKC	ePP	PP	01 45 57.3 -1.4
OKC	eSKKS	SS	09 21 44.5
OKC	eSS	AMS	10 33 40.9 -8.6
OKC	AMS	AMS	10 15 40.0
PVCC	comp-Z,1um,23.2s		
PVCC	Panska Ves	146.30 350	ePKP2 PKPbc 09 11 36.9 -0.1
PVCC	Panska Ves	146.30 350	ePKP PKPbc 09 11 36.9 -0.1
PVCC			ex x 09 11 51.5
PVCC			ex x 09 11 59.3
KRLC	Kraliky	146.33 348	ePKP2 PKPbc 09 11 36.5 -0.6
KRLC	Kraliky	146.33 348	ePKP PKPbc 09 11 36.5 -0.6
KRLC			ex x 09 11 46.5
KRLC			ex x 09 11 55.5 +0.8
PSMA	Santa Maria	146.34 48	ePKP2 PKPbf 09 11 36.3 +0.1
YOZ	Yozgat	146.35 317	ePKP PKPab 09 11 38.3 -0.3
HMK	Hermonstomer	146.35 70	ePKP PKPbf 09 11 36.2 +0.5
KMRS	Kahramanmaraş	146.35 313	ePKP PKPbc 09 11 37.8 +0.2
TESR	Tescani	146.38 334	l/P PKPab 09 11 38.0 -0.2
PSMN	Pico do Norte	146.39 46	ePKP2 PKPbf 09 11 35.7 -0.6
PSMN	Pico do Norte	146.39 48	ePKP2 PKPbc 09 11 37.2 -0.5
TLCR		146.43 330	l/P PKPbc 09 11 37.8 +0.3
TLCR		146.43 330	l/P PKPbc 09 11 37.8 +0.3
MORC	Moravsky Berou	146.45 346	l/P PKP2 PKPab 09 11 38.1 -0.4
MORC	Moravsky Berou	146.45 346	l/P PKPab 09 11 38.1 -0.4
LANS	Liptovska Anna	146.56 344	ePKP2 PKPab 09 11 38.6 -0.3
LANS	Liptovska Anna	146.56 344	ePKP PKPab 09 11 38.6 -0.3
UBBA	Utrechtschbach	146.56 355	ePKP PKPbc 09 11 37.4 -0.2
TRPA	Tarpa	146.58 340	ePKP PKPbc 09 11 38.5 -0.4
TRPA	Tarpa	146.58 340	ePKP PKPbc 09 11 38.5 -0.4
MOX	Moxa	146.59 354	ePKP PKPbc 09 11 37.6 -0.2
BMR	Baia Mare	146.63 338	l/P PKP2 PKPab 09 11 38.8 -0.4
BMR	Baia Mare	146.63 338	l/P PKPab 09 11 38.8 -0.4
PLU	Plauen	146.69 353	ePKP PKPbc 09 11 38.2 +0.1
WERD	Werdau	146.70 353	ePKP PKPbc 09 11 37.9 +0.3
UCLE	Uccle	146.71 2	PKP PKPbc 09 11 38.6 +0.5
TANN	Tannenbergha	146.72 353	ePKP PKPbc 09 11 38.2 -0.1
BEIN	Eben Emael	146.73 0	PKP PKPbc 09 11 38.4 +0.3
HGN	Heimansgroeve	146.77 0	ePKP2 PKPbc 09 11 38.1 -0.2
HGN	Heimansgroeve	146.77 0	eSS 09 33 42.6 -1.4
HGN			SSS 09 33 42.6
PRA	Prague	146.77 350	ePKP2 PKPbf 09 11 37.4 +0.9
PRA			MLR 09 33 53.9
PRA	comp-Z,1um,20.5s		
PRA	Prague	146.77 350	ePKP PKPbf 09 11 37.4 +0.9
PRA			ex x 09 15 57.1 -4.6
PRA			eSS 09 33 53.9 -1.3
PRA			AMS 10 16 40.0
GUNZ	Gunzen	146.78 353	ePKP PKPbc 09 11 38.5 +0.1
ARCR	ARCALIA	146.82 337	l/P PKPab 09 11 41.7 +1.8
PRU	Pruhonice	146.83 350	ePKP PKPbf 09 11 36.8 +0.2
PRU			e 09 11 38.3
PRU			e 09 15 01.1
PRU	comp-Z,2um,23.3s		
PRU	Pruhonice	146.83 350	ePKP PKPbf 09 11 36.8 +0.2
PRU			ex x 09 11 38.3
PRU			ePKP PKPbf 09 11 55.7 +0.2
PRU			ex x 09 12 01.5
PRU			ePP 09 11 41.3 -1.0
PRU			eSKKS 09 21 47.3
PRU			ex x 09 25 03.6
PRU			AMS 10 12 20.0
WERN	Wernitzgruen	146.85 353	ePKP PKPbc 09 11 38.7 +0.1
VNI	Vrinciovia	146.85 333	l/P PKP2 PKPbc 09 11 38.6 -0.1
VNI	Vrinciovia	146.85 333	l/P PKPbc 09 11 38.6 -0.1
GOPC	GO Peeny, Ondr	146.86 350	ePKP PKPbf 09 11 36.8 -0.1
GOPC			ex x 09 11 44.2
GOPC			ex x 09 11 47.5
GOPC			ePKP PKPbf 09 11 56.1 +0.5
GOPC			ePKP PKPbf 09 11 59.2 -3.1
GOPC			ex x 09 21 46.7
GOPC			ex x 09 33 44.1
GOPC			AMS 10 12 50.0
CANT	Cankiri	146.88 320	ePKP PKPbc 09 11 39.4 +0.3
KECS	Kecevo	146.89 342	ePKP2 PKPbc 09 11 38.9 +0.2
KECS	Kecevo	146.89 342	ePKP PKPbc 09 11 38.9 +0.2
NKC	Novy Kostel	146.90 352	ePKP PKPbf 09 11 36.8 +0.0
NKC			e 09 15 00.1
NKC			MLR 09 15 00.1
NKC	Novy Kostel	146.90 352	ePKP PKPbf 09 11 36.8 +0.0
NKC			ePKP PKPbf 09 11 53.9 +0.3
NKC			ex x 09 12 01.1
NKC			ePP 09 15 00.1 -2.4
NKC			AMS 10 14 30.0
MEM	Membach	146.92 0	PKP PKPbc 09 11 38.2 -0.5
SNF	Senefle	146.99 2	PKP PKPbc 09 11 38.8 -0.1
VRAC	Vranov	147.10 347	l/P PKP2 PKPbc 09 11 40.0 +0.7
VRAC	Vranov	147.10 347	l/P PKPbc 09 11 40.0 +0.7
BCLA	Clavier	147.11 1	PKP PKPbc 09 11 39.4 +0.1
KOZT	Kozan	147.12 313	ePKP PKPbf 09 11 38.1 +0.6
TIRB	Tirgusor	147.17 336	l/P PKP2 PKPbc 09 11 39.0 +0.3
TIRR	Tirgusor	147.17 336	l/P PKPbc 09 11 39.0 +0.2
MANZ	Manzenberg	147.18 353	ePKP PKPbc 09 11 39.6 +0.1
TREC	Trest	147.33 349	ePKP PKPbf 09 11 37.7 +0.2
TREC			MLR 09 15 01.0
TREC			MLR 09 15 01.0
TREC	Trest	147.33 349	ePKP PKPbf 09 11 37.7 +0.2
TREC			ePKP PKPbf 09 11 58.5 +2.1
TREC			ePP 09 15 01.0 -4.1
TREC			AMS 10 16 00.0
comp-Z,1um,24.5s			
VYHS	Vyhne	147.33 344	ePKP PKPbf 09 11 38.0 +0.5
VYHS	Vyhne	147.33 344	ePKP PKPbf 09 11 38.0 +0.5
DOPR	Dopca	147.34 335	l/P PKPab 09 11 41.2 -0.8
BRTR	Keskin Array B	147.38 319	l/P PKP PKPbf 09 11 37.6 -0.5
BRTR	comp-Z,29nm,0.8s,baz=133,slow=1.6,SNR=44		
BRTR	Keskin Array B	147.38 319	ePKP PKPbf 09 11 41.0 +0.5
BRTR			PKPbf 09 11 37.6 -0.5
BRTR			PKPbc 09 11 41.0 +0.5
ROZT	Rotzenmuhle	147.38 353	ePKP PKPbc 09 11 40.4 +0.3
TAHT	Tahatokpu-Hat	147.38 311	ePKP PKPbf 09 11 39.0 +1.0
CEYT	Ceyhan	147.40 313	ePKP PKPbf 09 11 38.5 +0.6
CJR	Cluj-Napoca	147.41 337	l/P PKP2 PKPbc 09 11 41.3 +1.0
CJR	Cluj-Napoca	147.41 337	l/P PKPbc 09 11 41.3 +1.0
DOU	Dourbes	147.41 2	PKP PKPbc 09 11 39.0 -1.1
RABH	Abou Rabah	147.46 307	ePKP PKPbc 09 11 41.2 +0.3
MLR	Muntele Rosu	147.49 334	l/P PKP2 PKPbc 09 11 39.4 -1.3
MLR	Muntele Rosu	147.49 334	l/P PKPbc 09 11 39.4 -1.3
ROOS	Il_aalroos	147.50 307	ePKP PKPab 09 11 42.4 -0.7
ISR	Istria	147.52 333	l/P PKP2 PKPbc 09 11 40.6 -0.1
ISR	Istria	147.52 333	l/P PKPbc 09 11 40.6 -0.1
PSZ	Piszkesteto	147.57 343	l/P PKP2 PKPbc 09 11 40.8 +0.1
PSZ	Piszkesteto	147.57 343	l/P PKPbc 09 11 40.8 +0.1
PSZ	Piszkesteto	147.57 343	ePKP PKPbf 09 11 38.3 +0.3
GRF	Grafenberg Arr	147.57 354	ePKP PKPbc 09 11 40.8 +0.2
MDB	Medias	147.59 336	l/P PKP2 PKPbc 09 11 42.4 -0.6
MDB	Medias	147.59 336	l/P PKPbc 09 11 42.4 -0.6
JSA	Jeisy Aubin	147.65 10	ePKP PKPbf 09 11 40.2 -0.6
JRS	Jersey	147.66 10	ePKP PKPbf 09 11 39.2 +1.2
JOE	Queens East	147.66 10	ePKP PKPbf 09 11 36.9 -1.1
SMOL	Smolenice	147.66 346	ePKP2 PKPbc 09 11 41.7 +0.8
SMOL	Smolenice	147.66 346	ePKP PKPbc 09 11 41.7 +0.8
DRGR		147.66 338	l/P PKP2 PKPbc 09 11 41.4 +0.4
DRGR		147.66 338	l/P PKPbc 09 11 41.4 +0.4
MSAB	Manstry St. A	147.72 330	l/P PKPbc 09 11 41.9 +0.2
SECR		147.80 333	l/P PKPbf 09 11 38.4 +0.0
KHC	Kasperske Hory	147.82 351	ePKP PKPbf 09 11 38.4 +0.0
KHC			MLR 09 15 07.5
KHC			MLR 09 15 07.5
KHC	comp-Z,1um,24.1s		
KHC	Kasperske Hory	147.82 351	ePKP PKPbf 09 11 38.4 +0.0
KHC			ex x 09 11 57.1 -0.1
KHC			ePKP PKPbf 09 11 57.1 -0.1
KHC			ePP 09 15 07.5 -0.4
KHC			ex x 09 21 52.7
KHC			ex x 09 24 54.2
KHC			ex x 09 33 58.0
KHC			AMS 10 14 50.0
comp-Z,1um,24.1s			
ANTO	Ankara	147.82 319	PKPbf 09 11 39.5 +0.8
ANTO	SNR=42		

SERE	Serefikochisa	147.87 317	ePKP PKPbf 09 11 39.9 +1.0
WLF	Waferdange	147.87 360	PKP PKPbf 09 11 39.8 +1.4
WLF	Waferdange	147.87 360	ePKP PKPbc 09 11 41.7 +0.3
BIDA	Albida	147.89 309	ePKP PKPbf 09 11 39.6 +0.6
VOIR	VOIR	147.91 334	l/P PKP PKPbf 09 11 39.5 +0.9
VOIR	VOIR	147.91 334	l/P PKPbf 09 11 39.5 +0.9
WET	Wetzelt	147.91 352	ePKP PKPbc 09 11 41.6 -0.0
ZALF	Zalf	147.93 305	ePKP PKPbc 09 11 40.6 -1.5
HAWK	Haweek	148.03 308	ePKP PKPbf 09 11 39.6 +0.4
ZST	Bratislava	148.03 346	ePKP2 PKPbc 09 11 42.0 +0.1
ZST	Bratislava	148.03 346	ePKP PKPbc 09 11 42.0 +0.1
GECC	GERESS Array S	148.08 350	ePKP PKPbf 09 11 39.5 +0.4
GECC	GERESS Array S	148.08 350	ePKP PKPbf 09 11 42.6
GECC	GERESS Array S	148.08 350	ePKP PKPbc 09 11 41.9 -0.2
GECC	GERESS Array S	148.08 350	ePKP PKPbf 09 11 39.3 +0.4
GECC	GERESS Array S	148.08 350	ePKP PKPbf 09 11 42.6 +0.5
GECC	GERESS Array S	148.08 350	ePKP PKPbf 09 11 38.7 -0.2
GERES	comp-Z,21nm,0.7s,baz=168,slow=0.3,SNR=60		
GERES	comp-Z,24nm,0.7s,baz=25,slow=2.6,SNR=71		
GERES	GERESS Array B	148.08 350	ePKP PKPbf 09 11 38.7 -0.2
BUD	Budapest	148.21 343	ePKP PKPbf 09 11 39.1 +0.1
SUT	Sultanhani-AKS	148.31 316	ePKP PKPbf 09 11 38.6 -1.0
LUT	Lotru	148.41 336	l/P PKPbc 09 11 43.0 -0.1
PKSA	PKSA	148.46 344	ePKP PKPbf 09 11 40.4 +1.0
GALA	Gala	148.46 305	ePKP PKPbf 09 11 40.6 +0.5
CONA	Conrad Observa	148.56 347	l/P PKPbf 09 11 40.1 +0.4
CONA	comp-Z,33nm,1.7s,SNR=100		
CONA			l/P PKP PKKIKP 09 11 44.3 -0.6
comp-Z,317nm,1.6s			
PRD	Provađa	148.59 329	l/P PKPbf 09 11 40.4 +0.7
STU	Stuttgart	148.66 356	ePKP PKPbc 09 11 43.6 +0.1
PKST	T's	148.68 344	ePKP PKPbf 09 11 40.5 +0.7
SPNC	Sapanca-Adapaz	148.81 323	ePKP PKPbf 09 11 41.3 +1.1
BRRB	Barbar	148.82 306	ePKP PKPbf 09 11 42.1 +1.4
CZR	Gura Zlata	148.84 337	l/P PKPbc 09 11 43.5 -0.6
CUV	Guilvetter	148.85 325	ePKP PKPbf 09 11 41.3 +0.5
SVRH	Sviriharski-ESK	148.86 320	ePKP PKPbf 09 11 39.7 -0.7
SIL	Sile	148.87 324	ePKP PKPbf 09 11 39.7 -0.6
MOA	Molin	148.95 349	l/P PKPbf 09 11 40.0 -0.3
MOA	comp-Z,22nm,1.5s		
MOA			l/P PKP PKKIKP 09 11 44.8 +0.5
KIZT	Kizical	148.98 319	ePKP PKPbf 09 11 41.4 +0.7
BZS	Buzias	149.06 339	ePKP PKPbf 09 11 40.6 +0.2
BZS	Buzias	149.06 339	l/P PKP2 PKPbc 09 11 45.3 +0.7
BZS	Buzias	149.06 339	l/P PKPbc 09 11 45.3 +0.7
FUR	Furstenfeldbr	149.07 353	ePKP PKPbc 09 11 44.5 -0.1
HRT	Hereke	149.08 324	ePKP PKPbf 09 11 39.4 -1.4
KLYO	Kilyos	149.14 325	ePKP PKPbf 09 11 40.5 -0.2
BFO	Black Forest	149.15 357	ePKP PKPbc 09 11 41.1 +0.5
BFO	Black Forest	149.15 357	ePKP PKPbc 09 11 44.6 -0.2
BFO	Black Forest	149.15 357	ePKP PKPbc 09 11 40.7 -0.4
BFO	Black Forest	149.15 357	ePKP PKPbc 09 11 44.4 -0.4
EREN	Erenky	149.22 311	ePKP PKPbf 09 11 41.6 +0.6
SZH	Sztrazhica	149.24 331	l/P PKPbf 09 11 40.0 -0.8
ISK	Istanbul-Kandi	149.26 325	ePKP PKPbf 09 11 42.1 +1.2
ISK	Istanbul-Kandi	149.26 325	ePKP PKPbf 09 11 40.5 +0.4
ISK	Istanbul-Kandi	149.26 325	ePKP PKPbf 09 11 40.5 +0.4
ISK	Istanbul-Kandi	149.26 325	ePKP PKPbf 09 11 41.0 +0.4
ARSK	Arzberg	149.28 347	l/P PKPbf 09 11 41.1 +0.4
ARSK	comp-Z,15nm,1.3s,SNR=16		
RJOB	Joehberg	149.29 351	ePKP PKPbc 09 11 45.0 -0.2
ADVT	Abdulvabap	149.30 323	ePKP PKPbf 09 11 38.9 -2.1
CAVI	Caavusky	149.39 323	ePKP PKPbf 09 11 42.0 +0.8
BANR	Banloc	149.43 339	l/P PKPbc 09 11 46.7 +1.2
PKSM	Moragy	149.48 343	l/P PKPbf 09 11 41.0 -0.1
PKSM	Moragy	149.48 343	ePKP PKPbf 09 11 41.4 +0.3
IZI	Izi	149.51 319	l/P PKPbc 09 11 41.3 +0.7
PVL	Pavleniki	149.55 332	ePKP PKPbc 09 11 47.0 +1.1
HDMB	Hadim	149.67 315	ePKP PKPbf 09 11 41.6 -0.3
SLE	Schleithelm	149.70 357	l/P PKPbf 09 11 41.2 -0.3
ARMT	Armut	149.71 324	ePKP PKPbf 09 11 40.5 -1.2
BEHE	Becsehely	149.73 345	ePKP PKPbf 09 11 41.6 +0.1
RETA	Reutte	149.80 354	l/P PKPbf 09 11 42.0 +0.4
RETA	comp-Z,3.1nm,0.6s		
RETA			l/P PKP PKKIKP 09 11 46.6 +0.1
LFB	Lefkoese	149.80 311	ePKP PKPbf 09 11 42.0 +0.0
KFA	Koelnbreinsper	149.85 350	l/P PKPbf 09 11 41.7 -0.2
KFA	comp-Z,8.2nm,0.9s		

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Neokhori, Korca, Nestorio, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GVD, Gavdhos, PBAR, Barrancos, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Makanchi Array, Ust-Kan, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Rata Peaks, Kahutara, Waitaha Valley, etc.

AUST 04 10:37:58.8-4.1, 43.41Sx172.62E, h0km, 1km, Error ellipse: s-maj=3.2km s-min=0.8km az=302.0

NEIC 04 10:38:01.2, 43.26S-171.99E, h8km, ML4.9(WEL), After WEL

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

NEIC 04 10:38:00.6-0.8, 43.28S-0.04:172.02E-0.04, h13km, 5km, n41, c0917/39, mb4.1/5, MS3.7/3, 1D, South Island

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Rata Peaks, Waitaha Valley, Kahutara, etc.

ATH 04 10:52:34.3, 40.45N-21.60E, h24km, MD3.0/1.0 SKO 04 10:52:34.3, 40.31N-21.50E, h0km, M2.1, ML2.3

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

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

ICD 04 11:01:34.0-0.6, 47.81N:156.68E, h0km, mb4.3/25, mb1.4/3.0, mb1mx4.0/2.0, mbmp4.2/3.0, ML3.6/5, MS3.4/3, MS1.3/4.3, ms1mx2.9/3.2, Error ellipse: s-maj=15.5km

ICD 04 11:01:35.5-1.0, 48.00N:0.03-156.62E-0.04, h15km, 6km, mb4.6/66, MS3.6/2, Error ellipse: s-maj=5.6km

SKHL 04 11:01:36.7-0.2, 47.93N:156.58E, h31km, 5km, mb4.9/6, Ms3.7/4

KRSC 04 11:01:37.0-1.6, 48.13N:157.90E, h16km, 51km, ML4.9 MOS 04 11:01:38.7-1.3, 48.01N:156.57E, h40km, mb4.8/23, Error ellipse: s-maj=8.3km s-min=5.2km az=82.7

NEIC 04 11:01:39.6-0.2, 47.90N:156.66E, mb4.8/38, Error ellipse: s-maj=6.2km s-min=3.2km az=155.0

BUI 04 11:01:39.7, 47.96N:156.07E, h20km, mb4.7/31, mb4.9/25, ICD 04 11:01:39.2-0.5, 47.99N:0.06-156.58E-0.05, h29km, 2km, h28km, pp-P, n212, e1945/252, mb4.7/66, 12C-2D, East of Kuril Islands

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

PETK comp=Z, 2.5nm, 0.3s, baz=184, slow=17, SNR=2.3 PETK comp=Z, 1.47nm, 20.6s, baz=210, slow=39

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Mys Shipunski, GNL, GAN, etc.

ICD 04 11:01:34.0-0.6, 47.81N:156.68E, h0km, mb4.3/25, mb1.4/3.0, mb1mx4.0/2.0, mbmp4.2/3.0, ML3.6/5, MS3.4/3, MS1.3/4.3, ms1mx2.9/3.2, Error ellipse: s-maj=15.5km

ICD 04 11:01:35.5-1.0, 48.00N:0.03-156.62E-0.04, h15km, 6km, mb4.6/66, MS3.6/2, Error ellipse: s-maj=5.6km

SKHL 04 11:01:36.7-0.2, 47.93N:156.58E, h31km, 5km, mb4.9/6, Ms3.7/4

KRSC 04 11:01:37.0-1.6, 48.13N:157.90E, h16km, 51km, ML4.9 MOS 04 11:01:38.7-1.3, 48.01N:156.57E, h40km, mb4.8/23, Error ellipse: s-maj=8.3km s-min=5.2km az=82.7

NEIC 04 11:01:39.6-0.2, 47.90N:156.66E, mb4.8/38, Error ellipse: s-maj=6.2km s-min=3.2km az=155.0

BUI 04 11:01:39.7, 47.96N:156.07E, h20km, mb4.7/31, mb4.9/25, ICD 04 11:01:39.2-0.5, 47.99N:0.06-156.58E-0.05, h29km, 2km, h28km, pp-P, n212, e1945/252, mb4.7/66, 12C-2D, East of Kuril Islands

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

PETK comp=Z, 2.5nm, 0.3s, baz=184, slow=17, SNR=2.3 PETK comp=Z, 1.47nm, 20.6s, baz=210, slow=39

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

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like OTAV Otavalo, LCO Las Campanas, CFAA Coronel Fontan, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like 531A Rocksprings, 3054A Lometa, 138A Matatal Enter, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like W34A Bridge Creek, W34A Bridge Creek, Y30A Stafford Catti, etc.

4d 11h

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Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like SANT, CUC, KVTX, CSS, CBN, AQU, BLA, TIR, SSB, NATX, VLC, BNI, JCT, MIAR, TXAR, TUE, ACSO, ANTO, BRTO, NCB, ECH, KAPI, BFO, LONY, WLF, PMG, HNR, MNTX, AAM, GERES, HDIL, KHC, KULM, PSZ, TREC, KSM, NKC, 121A, GOPC, PRU, R34A, KSU1, KRLC, KRLC, KRLC, KRC, DPC, GLMI, UPC, GNI, JFWS, ANMO, CBKS, P32A, ESK, 214A, S26A, L35A, R26A.

Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like SDCO, KIV, KIV, COWI, S22A, SIJI, WUAZ, MVCO, MVCO, OGNE, ECSD, ECSD, PDMCI, BC3, KIEV, KIEV, AKASO, AKASO, SCHO, IRM, ISCO, ISCO, PFO, PFO, BELC, J30A, GMR, EYMN, EYMN, KKM, KKM, O20A, I28A, G25A, H29A, H29A, D34A, SRU, SRU, SHRP, D33A, MSU, MSU, H28A, G28A, MPMC, FURC, I25A, I25A, TPNV, H26A, K22A, K22A, ISA, ISA, ISA, PKM, RSSD, RSSD, AGMN, AGMN, H25A, KONO, G26A, YES, VORD, VORD, VORD, V31A, V31A, VSR, VSR, E28A, G25A, R11A, DUG, DUG, DUG, DUG, J21A, J21A, TCUT, J20A.

Table with columns: Station, Frequency, Power, Direction, and other parameters. Includes stations like I21A, B30A, E26A, HWUT, BW06, C28A, VRH, VRH, VRH, BCU, J19A, B29A, I20A, E25A, D26A, ULM, NB2, NB2, NOA, A29A, KOLN, CMAR, H20A, NVAR, HVU, AHID, I19A, D25A, CHTO, CHTO, A28A, ELK, DAV, DAV, REDW, LOHW, TPW, DMN, H19A, WAKR, MOOW, GKN, PKIN, PKI, CMB, KKN, IMW, FLWY, OBN, OBN, OBN, OBN, VSU, LAO, LAO, LAO, A26A, BMN, RLMT, RLMT, LKWY, LKWY, ODAN, GUN, YFT, YFT, DGMT, DGMT, TAPN, CLMT, HLID, HLID, HLID, MFID, DLMT, LCCM, LRM, O03D, WVOR, WVOR, FINES, FINES, EGMT, EGMT, EGMT, MOD, MOD, CHMT, SKH, YBH, SWMT, ABKAR, KSH, KSH, KSH, KSH.

Table with columns: ID, Name, Az, El, Pn, Res, Time, Res, ISC. Includes entries for Diego Garcia H, Makanchi Array, Zalesovo Beam, Songino Array, Alice Springs, Warramunga Arr, Soneca Array, etc.

IDC 04 13:14:25.0+1.7, 2.66S-68.27E, h0km, mb3.6/5, mb1 3.8/5, mb1mx3.5/48, mbtmp3.6/5, MS3.7/7, Ms1 3.7/7, ms1mx3.3/37, Error ellipse: s-maj=45.2km s-min=33.5km az=40.0, Carlsberg Ridge

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res, ISC. Includes entries for Diego Garcia H, Diego Garcia H, Diego Garcia H, Pallekele, Ambohitoatomo, Prapat, Chiang Mai Arr, Mawson, Alice Springs, Soneca Array, Yakutsk, etc.

ISCJB 04 13:19:19.0+1.2, 7.0N, 0.3E, 123.5E, h10km, mb4.0/6, MS3.4/1, Error ellipse: s-maj=76.1km s-min=19.6km az=149.8

IDC 04 13:19:20.1+2.2, 6.88N-123.26E, h0km, mb4.1/4, mb1 4.3/4, mb1mx3.7/25, mbtmp4.1/4, MS3.2/2, Ms1 3.2/2, ms1mx2.8/46, Error ellipse: s-maj=278.4km s-min=23.7km az=63.0

NEIC 04 13:19:21.1+1.7, 0.1N, 123.56E, h10km, mb4.2/2, Error ellipse: s-maj=73.2km s-min=19.0km az=60.0

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res, ISC. Includes entries for Kappang, Coen, Tennant Creek, Warramunga Arr, Alice Springs, Stephens Creek, Makanchi Array, etc.

DDA 04 13:22:10.4, 38.56N-37.37E, h7km, MD2.6

ISK 04 13:22:10.0, 38.62N-37.48E, h5km, MD2.7

ISCJB 04 13:22:11.1+0.8, 38.63N, 0.0E, 37.48E, h4km, 10km, Error ellipse: s-maj=11.6km s-min=5.9km az=28.6

CSEM 04 13:22:11.9+0.4, 38.56N-37.58E, h5km, MD2.6, Error ellipse: s-maj=1.7km s-min=1.8km az=19.0

ISC 04 13:22:10.6+1.2, 38.58N, 0.05E, 37.45E, h0.4, h6km, 12km, n13, c056/16, Turkey

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res, ISC. Includes entries for Gurin, Akcadag, Kangal, SarDiz-Kayseri, Kahramanmaras, Karacayir, Svirice-ELAZID, Pertek, etc.

WEL 04 13:32:13.7+0.1, 43.62S-172.20E, h5km, ML3.3/13, 2C-4D, Error ellipse: s-maj=1.0km s-min=0.9km az=0.0, South Island

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res, ISC. Includes entries for Canterbury Las, Oxford, McQueen's Vall, Lake Taylor, Rata Peaks, Waitaha Valley, Kahutara, Lake Benmore, Otahua Downs, Tophouse, Fox Glacier, Denniston Nort, Tuamarina, Nelson, Jackson Bay, Earnsclough, Quartz Range, Tuapeka, Cannon Point, Milford Sound, Scrubby Hill, Mangatainoka R, etc.

Table with columns: ID, Name, Az, El, Pn, Res, Time, Res, ISC. Includes entries for Blackbirch Sta, Jackson Bay, Nelson, Earnsclough, Quartz Range, Tuapeka, Cannon Point, etc.

WEL 04 13:47:14.7+0.1, 43.60S-172.32E, h12km, ML3.8/22, 3D, Error ellipse: s-maj=0.7km s-min=0.7km az=90.0, South Island

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res, ISC. Includes entries for Canterbury Las, McQueen's Vall, Oxford, Lake Taylor, Rata Peaks, Waitaha Valley, Kahutara, Lake Benmore, Tophouse, Otahua Downs, Denniston Nort, Fox Glacier, Blackbirch Sta, Tuamarina, Nelson, Jackson Bay, Wanaka, Earnsclough, Quartz Range, Tuapeka, Milford Sound, Scrubby Hill, MRZ Mangatainoka R, Kahui Hut, etc.

WEL 04 13:48:42.7+0.1, 43.56S-172.20E, h13km, 2km, ML3.7/20, 1D, Error ellipse: s-maj=1.0km s-min=0.9km az=0.0, South Island

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res, ISC. Includes entries for Oxford, Canterbury Las, McQueen's Vall, Lake Taylor, Rata Peaks, Waitaha Valley, Kahutara, Lake Benmore, Fox Glacier, Denniston Nort, Otahua Downs, Tophouse, Tuamarina, Nelson, Jackson Bay, Earnsclough, Quartz Range, Tuapeka, Cannon Point, Milford Sound, Scrubby Hill, Mangatainoka R, etc.

IDC 04 14:00:30.4+1.6, 16.73S-177.82W, h0km, mb3.9/6, mb1 4.2/6, mb1mx3.9/31, mbtmp3.9/6, Error ellipse: s-maj=109.1km s-min=20.9km az=149.0

ISCJB 04 14:00:33.9+1.5, 16.75S, 0.6E, 177.9W, 0.4, h33km, mb3.9/6, Error ellipse: s-maj=10.6km s-min=20.3km az=148.8

ISC 04 14:00:35.5+1.5, 16.8S, 0.6E, 177.8W, 0.4, h35km, n6, c1505/6, mb3.9/6, Fiji Islands region

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res, ISC. Includes entries for Stephens Creek, Warramunga Arr, Alice Springs, Mina Array Bea, etc.

Table with columns: ID, Name, Az, El, Pn, Res, Time, Res, ISC. Includes entries for Eielson Array, Lajitas Array, etc.

ISCJB 04 14:05:30.2+0.9, 25.66S, 0.03E, 27.60E, 0.03, h6km, 6km, Error ellipse: s-maj=5.1km s-min=4.8km az=167.2

PRE 04 14:05:32.0+1.6, 25.77S, 27.57E, h2km, ML2.6

ISC 04 14:05:30.6+1.5, 25.70S, 0.04E, 27.58E, 0.03, h2km, 12km, n13, c19120/5, South Africa

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res, ISC. Includes entries for Koster, Observatory, Western Deep L, Benoni, east rand prop, Parys, Buffelsfontein, Tau Lekoa, Schweizer, Boshof, Pongola, Matopo, Bulawayo, etc.

MAN 04 14:06:28.9+99N-126.08E, h58km, mb4.5, ML3.3, MS3.2, 1C-2D, Mindanao

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res, ISC. Includes entries for Butuan, Maasin, Palo, Ormoc, Bislig, Cagayan de Oro, Musuan, Catarman, Pagadian, Jordan, Virac, etc.

BUI 04 14:11:38.0, 2.93S-138.84E, h42km, mb4.7/34, mb4.9/30, Ms4.7/19, Ms7.4/5/16

MOS 04 14:11:39.9+1.1, 2.48S-138.46E, h33km, mb5.0/16, Error ellipse: s-maj=14.4km s-min=7.9km az=105.0

ISCJB 04 14:11:40.0+0.2, 2.52S, 0.03E, 138.56E, 0.03, h32km, mb4.7/41, MS3.6/14, Error ellipse: s-maj=4.1km s-min=3.8km az=158.9

IDC 04 14:11:41.7+4.8, 2.45S-138.55E, h30km, 35km, mb4.2/15, mb1 4.4/16, mb1mx3.4/31, mbtmp4.4/20, ML4.3/5, MS3.7/16, Ms1 3.7/16, ms1mx3.5/30, Error ellipse: s-maj=16.9km s-min=12.1km az=78.0

NEIC 04 14:11:41.7+0.3, 2.45S-138.51E, h35km, mb4.9/21, Error ellipse: s-maj=7.5km s-min=5.6km az=99.0

AUST 04 14:11:42.8, 2.45S-138.51E, h35km, DJA 04 14:11:43.0+0.5, 2.5S-13.9E, h20km, 7km, ML4.7/23, mb5.0/23, mb5.2/14, MLV4.6/6, MW(MB)4.6/14

ISC 04 14:11:42.1+0.2, 2.52S, 0.04E, 138.56E, 0.04, h32km, n141, c1841/165, mb4.8/41, MS3.7/14, 4C-4D, Irian Jaya

Table with columns: Code, Station Name, Az, El, Pn, Res, Time, Res, ISC. Includes entries for Samri, Genyem, Jayapura, Biak, FAK FAK, Sorong, Soriang, Banda, Masohi, Palau, Port Moresby, Port Moresby, Labuha, Namlea, Kakadu, Coen, Sanana, Manton Dam, Rabel, Gorontalo, Soe, etc.

4d 16h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Grafenberg Arr, Conrad Observa, Mollin, etc.

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Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SFTF, SFTF, SFTF, etc.

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

NEIC Felt at Choctaw, Jones, Luther, Oklahoma City and Spencer.

ISC 04 16:22:08.6:0.8,35.62N,02.07:23W,0.01,111km,4km, n84,c1818/129,Oklahoma

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

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

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

CSEM 04 16:24:03.3,38.54N:21.93E,h21km,MD2.5 ATH 04 16:24:03.3,38.54N:21.93E,h21km,2km,MD2.5/5, Greece

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

NEIC 04 16:25:07.2:0.7,5.75S:103.22E,h35km,mb4.5/5, Error ellipse: s-maj=23.1km s-min=7.5km az=51.0

DJA 04 16:25:07.4:0.5,6.5:3.3x10.3E,h10km,ML4.2/12, MLV4.2/12

ISCJB 04 16:25:09.0:1.1,5.69S:107.103:40E:0.08,h68km,8km, mb4.0/19, Error ellipse: s-maj=17.4km s-min=6.6km az=139.1

IDC 04 16:25:10.8:4.7,5.61S:103.43E,h62km,4.1km,mb3.8/15, mb 3.8/16, mb1mx3.7/48, mbtmp4.1/16, ML3.5/1, MS3.0/3, Ms1 3.1/3, ms1mx2.6/46, Error ellipse: s-maj=36.3km s-min=15.3km az=58.0

ISC 04 16:25:09.4:1.6,5.76S:109.103:35E:0.08,h54km,14km, n36,c1930/40,mb4.3/19,Southern Sumatara

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

Table with columns: WRAB, WRA, FITZ, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, Residual Error.

IDC 04 16:30:33.9.2.5, 3.40N, 127.39E, h0km, mb3.4/3, mb1 3.6/3, mb1mx3.3/30, mbtmp3.4/3, Error ellipse: s-maj=201.5km s-min=26.4km az=67.0, Talaud Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, Residual Error.

DJA 04 16:33:42.3.0.7, 0.5.6.12.5E, h53km, 20km, M4.0/7, mb5.3/1, MLV3.3/7, Southern Molucca Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, Residual Error.

NIED 04 16:35:00.44.80N, 149.20E, h56km, Mw3.9 Best double couple: Mo:7.18000e+10, NP1:3.140.00000e+8, 866.00000e+7, 1.6.00000e+7, NP2:3.43.00000e+7, 875.00000e+6, 1.55.00000e+6

IDC 04 16:35:25.1.3.6, 44.71N, 149.16E, h0km, mb3.6/5, s-maj=106.7km s-min=32.8km az=179.0

ISCJB 04 16:35:30.2.0.7, 44.50N, 149.27E, 0.107, h36km, mb3.5/5, Error ellipse: s-maj=10.2km s-min=5.6km az=147.5

JMA 04 16:35:31.7.0.4, 44.76N, 149.20E, h30km, M4.0 SKHL 04 16:35:32.5.0.3, 44.63N, 149.24E, h50km, 5km, mb4.2/4

ISC 04 16:35:29.9.1.1, 44.45N, 149.42E, 0.008, h36km, n37, c246/43, mb3.5/5, 1C-1D, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, Residual Error.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, Residual Error.

IDC 04 16:46:47.7.7.0, 18.75S, 177.04W, h0km, mb3.8/2, mb1 4.1/2, mb1mx3.6/28, mbtmp3.8/2, Error ellipse: s-maj=308.0km s-min=61.6km az=144.0, Fiji Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, Residual Error.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, Residual Error.

IDC 04 16:35:48.6.1.4, 3.09S, 139.57E, h0km, mb3.2/2, mb1 3.5/3, mb1mx3.3/30, mbtmp3.3/3, ML3.4/1, Error ellipse: s-maj=33.5km s-min=14.5km az=149.0, Irian Jaya

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, Residual Error.

Table with columns: MKAR, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, Residual Error.

CSEM 04 16:37:07.8.0.9, 69.48N, 30.33E, h2km, ML2.4, Error ellipse: s-maj=19.1km s-min=12.0km az=59.0, Mining explosion

KOLA 04 16:37:09.3.0.2, 69.83N, 29.59E, h0km HEL 04 16:37:09.3.0.2, 69.58N, 30.25E, h0km, ML2.1, Explosion NAO 04 16:37:11.7.1.3, 69.66N, 29.87E, ML2.4 BER 04 16:37:13.4.2.1, 69.60N, 29.83E, h0km, ML2.4(NAO), Suspected explosion

ISC 04 16:37:09.2.1.1, 69.54N, 30.06E, 0.05, h0km, n36, c170/47, Norway-Murmansk border region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, Residual Error.

AREO ARCESS Array S 1.63 272 PG Pn 16 37 39.3 +0.2

APA0 Apatity Array 2.21 150 Pn Pg 16 37 50.7 -0.8

APA0 Apatity Array 2.21 150 Pn Pg 16 37 50.7 -0.8

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, Residual Error.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, Residual Error.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, Residual Error.

IDC 04 16:50:37.9.2.5, 2.84S, 68.16E, h0km, mb3.8/4, mb1 4.0/4, mb1mx3.4/40, mbtmp3.8/4, MS3.1/1, Ms1 3.1/1, ms1mx2.5/36, Error ellipse: s-maj=211.9km s-min=25.3km az=37.0, Carlsberg Ridge

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, Residual Error.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, Residual Error.

IDC 04 16:52:37.2.0.9, 30.48N, 60.63E, h0km, mb3.7/4, mb1 3.9/16, mb1mx3.7/42, mbtmp3.8/16, ML3.5/2, MS3.2/10, Ms1 3.3/10, ms1mx3.0/38, Error ellipse: s-maj=52.2km s-min=16.3km az=24.0

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, Residual Error.

Table with columns: ZHSF, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, Residual Error.

IDAH Dahanechah 2.04 343 ePn Pn 16 53 15.6 +0.6

IDAH Dahanechah 2.04 343 ePn Pn 16 53 15.1 -1.0

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, Residual Error.

ITEG Tejav 2.62 324 ePn Pn 16 53 22.4 -0.6

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, Residual Error.

IBAF Batgh 4.38 282 ePn Pn 16 53 46.9 -0.2

IBAF Batgh 4.38 282 ePn Pn 16 53 46.9 -0.2

IBAF Batgh 4.38 282 ePn Pn 16 53 46.9 -0.2

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, Residual Error.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, Residual Error.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, Residual Error.

KOLS Kolonicse sedl 34.09 313 eP P 16 59 27.6 +2.6

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, Residual Error.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, Residual Error.

CSEM 04 17:03:22.6.1.7, 13.74N, 45.56E, h11km, ML3.7, DHMR 04 17:03:22.6.1.7, 13.74N, 45.56E, h11km, 7km, ML3.7, 7C, Western Arabian Peninsula

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Time, Residual, Residual Error.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DHBB Dhamar BB, TRBA At Turbah, UDYUN Al Udayan.

ISCJB 04 17:11:24.6±0.3, 32°27'N±0.02, 115°26'W±0.03, h24km±3km, Error ellipse: s-maj=4.1km, s-min=3.5km, az=17.0°

ECX 04 17:11:26.3±0.6, 32°24'N±1.15, 133°W±6km, MD3, 3ML3.5, Fault plane solution: NP1±138.33000°, 89.00000°, 3.00000°

NEIC 04 17:11:26.4, 32°24'N±1.15, 134°W±6km, MD4.1 (1MEX), ML3.7 (EX), After ETCX.

MEX 04 17:11:26.2±0.3, 32°35'N±1.15, 141°W±25km±4km, MD4.1

ISC 04 17:11:24.8±1.0, 32°25'N±0.02, 115°28'W±0.03, h20km±3km, n47, ±0.56/68, 11C-10D, California-Baja California

Main table of station data for the 201 period, including station names, coordinates, and observation times.

Table of station data for the 2010 SEP period, including stations like MJAR Matsushiro Arr, MAW Mawson, TXAR Lajitas Arr.

ISC 04 17:15:55.4, 37°07'N±29.08E, h9km, MD2.6 CSEM 04 17:15:56.8±0.3, 37°11'N±29.03E, h10km, MD2.9, Error ellipse: s-maj=5.9km, s-min=5.1km, az=151.0°

DDA 04 17:15:57.1, 37°16'N±29.05E, h7km, MD2.9 ISC 04 17:15:56.8±1.1, 37°12'N±0.03, 29.03E±0.03, h6km±10km, n16, ±0.94/31, Turkey

Table of station data for the 2010 SEP period, including stations like DALY Dalyan (Mu'la), GOLH Golhisar, YER Yerkesik.

ISCJB 04 17:17:55.9±0.7, 43°64'S±0.05, 172°26'E±0.06, h30km±6km, mb4.0/5, Error ellipse: s-maj=9.7km, s-min=4.5km

IDC 04 17:17:55.0±1.1, 43°27'S±172°13'E, h0km, mb4.0/3, mb1.4/1.4, mb1mx3.8/2.6, mbtmp4.0/4, ML3.6/1, Error ellipse: s-maj=29.4km, s-min=11.1km, az=145.0°

NEIC 04 17:17:56.0, 43°66'S±172°11'E, h7km, mb4.3/3, ML4.9 (WEL), After WEL.

NEIC Felt in the Christchurch area. ISC 04 17:17:56.3±1.5, 43°57'S±0.05, 172°20'E±0.05, h16km±11km, n39, ±1.92/37, mb4.0/5, 2C, South Island

Main table of station data for the 2010 SEP period, including station names, coordinates, and observation times.

Main table of station data for the 4d 17h period, including station names, coordinates, and observation times.

4d 17h

431A	Sonora	64.60	327	P	P	17 28 36.1	-0.8
332A	Millersview	64.75	328	P	P	17 28 37.2	-0.7
Z36A	Blue Ridge	64.81	332	P	P	17 28 38.1	-0.1
233A	Rising Star	64.87	329	P	P	17 28 38.4	-0.2
134A	White-Moore Ra	64.95	330	P	P	17 28 38.9	-0.3
529A	Stev Forest Ra	64.97	325	P	P	17 28 39.5	+0.1
430A	Baggett Ranch,	65.00	326	P	P	17 28 39.6	+0.1
331A	San Angelo	65.02	327	P	P	17 28 39.4	-0.2
Y37A	Hugo	65.07	333	P	P	17 28 40.4	+0.6
TXAR	Lajitas Array	65.11	323	P	P	17 28 40.1	-0.3
232A	Coleman	65.11	328	P	P	17 28 39.9	-0.3
429A	Davenport Ranch	65.20	326	P	P	17 28 41.2	+0.3
Z35A	Perchaven, San	65.22	331	P	P	17 28 41.1	+0.3
X38A	Whitesboro	65.34	334	P	P	17 28 42.3	+0.7
QSPA	South Pole Qui	65.43	180	P	P	17 28 43.1	+1.1
QSPA	South Pole Qui	65.43	180	eP	P	17 28 42.9	+0.9
QSPA	Mertzton	65.47	327	eP	pP	17 29 01.2	+1.2
231A	Bronte	65.48	328	P	P	17 28 42.0	-0.6
X37A	Clayton	65.50	333	P	P	17 28 42.6	0.0
Z34A	Collier Ranch,	65.55	330	P	P	17 28 42.8	-0.2
W38A	Poteau	65.57	334	P	P	17 28 43.3	+0.2
Y35A	Marietta	65.61	331	P	P	17 28 43.6	+0.2
ABTX	Abilene, Hawle	65.72	329	P	P	17 28 43.9	-0.2
Z33A	Whitaker Ranch	65.86	330	P	P	17 28 44.6	-0.4
X36A	Centrahoma	65.89	332	P	P	17 28 44.3	-0.8
329A	Wagon Wheel Ra	65.94	326	P	P	17 28 44.9	-0.7
Y34A	Reagan Ranch,	65.97	331	P	P	17 28 45.2	-0.5
W37A	Quinton	65.99	333	P	P	17 28 45.3	-0.5
X35A	Drake	66.01	332	P	P	17 28 45.4	-0.5
131A	Roby	66.12	328	P	P	17 28 46.1	-0.6
Z32A	Haskell	66.21	329	P	P	17 28 46.8	-0.5
V38A	Canehill	66.22	335	P	P	17 28 47.0	-0.2
229A	Bryant Ranch,	66.24	327	P	P	17 28 47.1	-0.5
W36A	Wetumka	66.32	333	P	P	17 28 46.9	-1.0
130A	Snyder	66.33	328	P	P	17 28 47.8	-0.3
Y33A	Hilltop Ranch,	66.40	330	P	P	17 28 48.0	-0.4
V37A	Hulbert	66.53	334	P	P	17 28 49.0	-0.2
Z31A	Sharp Cattle R	66.53	329	P	P	17 28 49.2	-0.2
X34A	Smith Ranch, M	66.55	331	P	P	17 28 49.3	-0.1
TIC	Toumodi	66.60	70	eP	P	17 28 51.4	+1.2
W35A	Tecumseh	66.61	332	P	P	17 28 49.0	-0.7
KIC	Kosan Boka	66.69	71	eP	P	17 28 51.0	+0.2
DBIC	Dimbokro	66.75	70	P	P	17 28 51.5	+0.4
DBIC	Dimbokro	66.75	70	eP	LR	17 56 16.9	
DBIC	Dimbokro	66.75	70	eP	LR	17 28 51.2	0.0
228A	UT Block 9, Go	66.75	326	P	P	17 28 50.0	-0.8
V36A	Jenks	66.77	333	P	P	17 28 50.4	-0.4
Y32A	R-V Farms, Ver	66.77	330	P	P	17 28 50.5	-0.4
X33A	Lawton	66.79	331	P	P	17 28 50.9	0.0
129A	Stewart Farms,	66.80	327	P	P	17 28 50.6	-0.6
TUL1	Tulsa	66.81	334	P	P	17 28 50.6	-0.5
U37A	Salina	66.97	334	P	P	17 28 51.5	-0.5
Z30A	Sanderson Ranch	66.97	328	P	P	17 28 51.6	-0.5
X32A	Elmer	67.05	330	P	P	17 28 52.0	-0.6
128A	Castleberry Fa	67.10	327	P	P	17 28 52.6	-0.4
V35A	Meyer Ranch, C	67.11	333	P	P	17 28 52.4	-0.5
Y31A	Rekleta Farm,	67.12	329	P	P	17 28 52.9	-0.1
U36A	Oologah	67.20	334	P	P	17 28 53.2	-0.3
Z29A	Hungry Hill Ra	67.23	328	P	P	17 28 53.4	-0.5
W33A	Caddo, Fort Co	67.29	331	P	P	17 28 54.1	0.0
Y30A	Stafford Catti	67.34	329	P	P	17 28 54.2	-0.4
V34A	Guthrie	67.46	332	P	P	17 28 54.8	-0.4
T37A	Cheneyville 18	67.52	335	P	P	17 28 55.0	-0.5
X31A	McDonald Ranch	67.54	330	P	P	17 28 55.2	-0.5
Z28A	Tucker Farm, M	67.59	327	P	P	17 28 55.5	-0.6
U35A	Pawnee	67.59	333	P	P	17 28 55.7	-0.3
W32A	Sentinel	67.61	330	P	P	17 28 55.8	-0.3
Y29A	Porterfield Fa	67.70	328	P	P	17 28 56.3	-0.6
V33A	Lossen Ranch,	67.78	332	P	P	17 28 57.0	-0.2
X30A	Coker Ranch, T	67.80	329	P	P	17 28 57.0	-0.4
T36A	Boggs Farm, Ca	67.84	334	P	P	17 28 57.3	-0.2
SFIN	Scholer Farm	67.87	342	P	P	17 28 57.1	-0.5
T35A	Sooner Cattle	67.97	334	P	P	17 28 57.6	-0.7
U34A	Anderson Ranch	67.98	333	P	P	17 28 58.2	-0.2
W31A	Holland Ranch,	67.98	330	P	P	17 28 57.7	-0.9
Y28A	McKinney Farm,	68.02	328	P	P	17 28 58.2	-0.7
S37A	Fort Scott	68.04	335	P	P	17 28 58.3	-0.5
X29A	Tulia	68.19	328	P	P	17 28 59.4	-0.5
S36A	Lake Cedric, C	68.30	335	P	P	17 28 59.9	-0.5
MSTX	Muleshoe	68.33	327	eP	P	17 29 00.5	-0.3
V34A	McClaskey Farm	68.34	333	P	P	17 29 00.2	-0.5
T31A	Spring Creek L	68.42	330	P	P	17 29 01.4	+0.1
AMTX	Amarillo	68.54	329	P	P	17 29 01.7	-0.4
AMTX	Amarillo	68.54	329	eP	P	17 29 02.5	+0.5

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S35A	Otter Creek Ra	68.55	334	P	P	17 29 01.7	-0.3
U32A	Winter Ranch,	68.56	331	P	P	17 29 01.7	-0.3
W29A	Amrillo	68.72	329	P	P	17 29 02.6	-0.6
R36A	Gordon, Harris	68.79	335	P	P	17 29 03.3	-0.2
V30A	Spur Ranch, Mi	68.80	330	P	P	17 29 03.5	-0.1
T33A	Patterson Ranch	68.83	332	P	P	17 29 03.8	+0.1
Q37A	Longview Farm,	68.88	336	P	P	17 29 03.7	-0.3
S34A	Willow Spring	68.89	334	P	P	17 29 04.3	+0.3
U30A	WK&E Inc. Bank	69.42	330	P	P	17 29 07.1	-0.3
T31A	Randall Ranch,	69.46	331	P	P	17 29 07.5	-0.2
R34A	Isabella, Hill	69.46	334	P	P	17 29 07.3	-0.3
V28A	Channing	69.50	329	P	P	17 29 08.2	+0.2
S32A	Newby Ranch, P	69.64	332	P	P	17 29 09.0	+0.2
R33A	Olander Ranch,	69.76	333	P	P	17 29 09.7	+0.2
121A	Cookes Peak, D	69.82	323	P	P	17 29 11.1	+0.9
Q34A	Chapman	69.87	334	P	P	17 29 09.8	-0.3
KSU1	Kansas State U	69.89	335	P	P	17 29 10.6	+0.3
U28A	Mallet	70.01	329	P	P	17 29 11.1	-0.1
R32A	Long Quarter,	70.16	333	P	P	17 29 12.2	+0.2
Q33A	Connelly Farm,	70.29	334	P	P	17 29 12.8	+0.1
U27A	Thompson Grove	70.33	329	P	P	17 29 12.9	-0.3
P34A	Walnut Farm, R	70.36	335	P	P	17 29 12.9	-0.2
R31A	Burdett	70.39	332	P	P	17 29 13.2	-0.1
LPM	Los Pinos Moun	70.56	325	eP	P	17 29 14.6	-0.1
T28A	Walsh	70.57	330	P	P	17 29 14.3	-0.3
Q32A	Meltzer Ranch,	70.58	333	P	P	17 29 14.9	+0.4
T27A	Campo	70.80	329	P	P	17 29 16.2	+0.2
S28A	Manter	70.85	330	P	P	17 29 16.3	0.0
CBK5	Cedar Bluff	70.92	332	P	P	17 29 16.9	+0.3
Q31A	Ellis	70.94	333	P	P	17 29 17.0	+0.3
ANMO	Albuquerque	70.96	325	eP	P	17 29 17.4	+0.2
N35A	Tabor	71.06	336	P	P	17 29 17.5	+0.2
O33A	Hebron	71.11	334	P	P	17 29 17.6	-0.1
R29A	Marienthal	71.20	331	P	P	17 29 18.2	-0.1
Q30A	Quinter	71.26	332	P	P	17 29 19.5	+0.8
T26A	Comanche Natio	71.30	329	P	P	17 29 19.6	+0.4
S27A	Las Animas	71.39	329	P	P	17 29 19.4	-0.2
R28A	Tribune	71.43	331	P	P	17 29 19.5	-0.3
Q29A	Oakley	71.52	331	P	P	17 29 20.2	0.0
O32A	Brockman Farm,	71.55	334	P	P	17 29 20.3	0.0
S26A	Kim	71.60	329	P	P	17 29 21.6	+0.7
T25A	Trinidad	71.66	328	P	P	17 29 22.0	+0.6
T25A	Trinidad	71.66	328	eP	P	17 29 22.1	+0.8
P30A	Selden	71.75	332	P	P	17 29 22.2	+0.6
Q28A	Sharon Springs	72.03	331	P	P	17 29 23.3	-0.1
R26A	Arlington	72.14	329	P	P	17 29 24.5	+0.4
SYO	Syowa Base	72.33	1591	eP	P	17 29 24.0	-0.7
SYO	Syowa Base	72.33	1591	eP	pP	17 29 30.4	-1.6
KSCO	Kaye Sheddock'	72.34	330	P	P	17 29 25.9	+0.6
P28A	Saint Francis	72.42	331	P	P	17 29 26.2	+0.6
K35A	Storm Lake	72.55	337	P	P	17 29 26.4	+0.1
SDCO	Great Sand Dun	72.67	328	P	P	17 29 28.4	+0.9
SDCO	Great Sand Dun	72.67	328	eP	P	17 29 27.9	+0.4
Q26A	Hugo	72.68	330	P	P	17 29 28.1	+0.8
W18A	Retrified Fore	72.83	323	P	P	17 29 29.0	+0.6
J35A	Milford	73.11	338	P	P	17 29 30.8	+1.2
SBA	Syowa Base	73.18	190	P	P	17 29 31.3	+1.7
O27A	Beecher Island	73.24	331	P	P	17 29 31.5	+0.9
N28A	Pribbeno Ranch	73.25	332	P	P	17 29 31.3	+0.8
M30A	Dale-Ortello V	73.27	334	P	P	17 29 31.8	+1.1
S22A	4UR Ranch, Cre	73.32	327	P	P	17 29 32.0	+0.7
S22A	4UR Ranch, Cre	73.32	327	eP	P	17 29 31.6	+0.3
Q24A	Divide	73.47	329	P	P	17 29 32.7	+0.5
L30A	Spencer Herefo	73.56	334	P	P	17 29 33.3	+1.0
K31A	O'Neill	73.75	335	P	P	17 29 34.1	+0.7
MVCO	Mesa Verde	73.75	325	P	P	17 29 34.9	+1.1
MVCO	Mesa Verde	73.75	325	eP	P	17 29 33.9	0.0
N27A	Anderson Farm,	73.77	332	P	P	17 29 35.0	+1.3
WUAZ	Wupatki	74.03	322	P	P	17 29 35.9	+0.5
WUAZ	Wupatki	74.03	322	eP	P	17 29 35.8	+0.5
J32A	Parkston	74.05	336	P	P	17 29 35.8	+0.7
N26A	Koester Ranch,	74.09	331	P	P	17 29 36.3	+0.8
K30A	Basset	74.13	335	P	P	17 29 36.4	+0.8
VNDA	Vanda	74.17	190	P	P	17 29 37.1	+1.7
GLA	Glamis	74.26	319	P	P	17 29 37.1	+0.5
M27A	Reverse DX Ran	74.30	332	P	P	17 29 37.4	+0.7
J31A	Geddes	74.32	335	P	P	17 29 37.7	+1.0
ISCO	Idaho Springs	74.35	329	P	P	17 29 37.9	+0.6
ISCO	Idaho Springs	74.35	329	eP	P	17 29 37.4	+0.1
K29A	Lazy Trails An	74.48	334	P	P	17 29 38.8	+1.1
PV01	Paradox Valley	74.50	326	eP	P	17 29 38.5	+0.4
SMCO	Snowmass	74.51	328	eP	P	17 29 35.5	-3.9
IBP	Imperial Toub	74.76	317	P	P	17 29 40.6	+1.0
H33A	Prehn Over Nor	74.79	337	P	P	17 29 40.1	+0.7
H32A	Carlson Farm,	74.88	337	P	P	17 29 40.5	+0.6
B33A	Big Chuckawall	75.06	319	P			

4rd 18h

Table with columns: MERV, TURV, BAUV, MAPV, TEVP, SANV. Includes station names, times, and coordinates.

ISC/JB 04 17:37:11.9...0.24:81N...02:122:03E...0.03, h11km, 4km, Error ellipse: s-maj=4.6km s-min=3.6km az=137.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like EGS, TWB1, ILA, TWC, etc.

DDA 04 17:50:38.9, 37:71N-27:67E, h7km, MD2.9 ISK 04 17:50:38.4, 37:71N-27:68E, h5km, MD2.9

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

ISC/JB 04 17:53:11.8...0.3:43:67S...0.04:172:24E...0.05, h16km, mb3.7/4, MS3.2/3, Error ellipse: s-maj=6.9km s-min=3.0km az=44.3

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

ISC 04 17:43:53.0...1.2:32:18N...0.03:115:81W...0.03, h19km, 3km, n20, 0.094/33, 3C-1D, California-Baja California border region

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

ISC 04 17:43:53.0...1.2:32:18N...0.03:115:81W...0.03, h19km, 3km, n20, 0.094/33, 3C-1D, California-Baja California border region

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

ISC 04 17:43:53.0...1.2:32:18N...0.03:115:81W...0.03, h19km, 3km, n20, 0.094/33, 3C-1D, California-Baja California border region

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

ISC 04 17:43:53.0...1.2:32:18N...0.03:115:81W...0.03, h19km, 3km, n20, 0.094/33, 3C-1D, California-Baja California border region

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

ISC 04 17:43:53.0...1.2:32:18N...0.03:115:81W...0.03, h19km, 3km, n20, 0.094/33, 3C-1D, California-Baja California border region

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

ISC 04 17:43:53.0...1.2:32:18N...0.03:115:81W...0.03, h19km, 3km, n20, 0.094/33, 3C-1D, California-Baja California border region

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

2010 SEP

DJA 04 17:46:32.2...1.3:51:15:99E...1:5, h21km, 11km, M4.1/6, mb4.7/2, MLV3.9/6, Southwest of Sumatra

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

ISC 04 17:48:05.1...3.5:19:58N...144:31E, h0km, mb3.5/4, mb1.3/7.4, mb1mx3.9/4.5, mb1mx3.5/4, Error ellipse: s-maj=190.7km s-min=32.7km az=82.0, Mariana Islands

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

DDA 04 17:50:38.9, 37:71N-27:67E, h7km, MD2.9 ISK 04 17:50:38.4, 37:71N-27:68E, h5km, MD2.9

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

ISC 04 17:53:11.8...0.3:43:67S...0.04:172:24E...0.05, h16km, mb3.7/4, MS3.2/3, Error ellipse: s-maj=6.9km s-min=3.0km az=44.3

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

ISC 04 17:43:53.0...1.2:32:18N...0.03:115:81W...0.03, h19km, 3km, n20, 0.094/33, 3C-1D, California-Baja California border region

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

ISC 04 17:43:53.0...1.2:32:18N...0.03:115:81W...0.03, h19km, 3km, n20, 0.094/33, 3C-1D, California-Baja California border region

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

ISC 04 17:43:53.0...1.2:32:18N...0.03:115:81W...0.03, h19km, 3km, n20, 0.094/33, 3C-1D, California-Baja California border region

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

ISC 04 17:43:53.0...1.2:32:18N...0.03:115:81W...0.03, h19km, 3km, n20, 0.094/33, 3C-1D, California-Baja California border region

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

ISC 04 17:43:53.0...1.2:32:18N...0.03:115:81W...0.03, h19km, 3km, n20, 0.094/33, 3C-1D, California-Baja California border region

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

ISC 04 17:43:53.0...1.2:32:18N...0.03:115:81W...0.03, h19km, 3km, n20, 0.094/33, 3C-1D, California-Baja California border region

2010 SEP

DJA 04 18:10:10.9...0.8:0:5:124E...1, h17km, 10km, M3.6/7, mb3.9/1, MLV3.4/7, Minahasa Peninsula, Sulawesi

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

ISC/JB 04 18:12:09.8...0.3:38:80N...0:03:25:72E...0.08, h29km, 5km, Error ellipse: s-maj=10.8km s-min=4.7km az=167.6

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

ISC 04 18:12:09.7...1.2:38:82N...0:03:25:71E...0.06, h18km, 5km, n16, 0.014/32, Aegean Sea

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

ISC 04 18:12:09.7...1.2:38:82N...0:03:25:71E...0.06, h18km, 5km, n16, 0.014/32, Aegean Sea

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

ISC 04 18:12:09.7...1.2:38:82N...0:03:25:71E...0.06, h18km, 5km, n16, 0.014/32, Aegean Sea

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

ISC 04 18:12:09.7...1.2:38:82N...0:03:25:71E...0.06, h18km, 5km, n16, 0.014/32, Aegean Sea

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

ISC 04 18:12:09.7...1.2:38:82N...0:03:25:71E...0.06, h18km, 5km, n16, 0.014/32, Aegean Sea

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

ISC 04 18:12:09.7...1.2:38:82N...0:03:25:71E...0.06, h18km, 5km, n16, 0.014/32, Aegean Sea

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

ISC 04 18:12:09.7...1.2:38:82N...0:03:25:71E...0.06, h18km, 5km, n16, 0.014/32, Aegean Sea

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

ISC 04 18:12:09.7...1.2:38:82N...0:03:25:71E...0.06, h18km, 5km, n16, 0.014/32, Aegean Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like FITZ Fitzroy Crossi, WRAK Warakurna, MEEK Meekatharra, etc.

ISCJB 04 18:30:54.3:0.9, 0.40N:0.10:97.98E:0.07, h29km, mb3.6/8, Error ellipse: s-maj=15.0km s-min=8.4km az=27.7

DJA 04 18:30:55.6:0.9, 0.1N:8.9:89E:1, h10km, M3.8/6, mb3.8/1, MLV3.8/6

IDC 04 18:31:00.4:4.1, 0.55N:98.32E, h57km, mb3.4/8, mb1.3/4/10, mb1mx3.2/5, mb1mp3.2/10, ML3.2/2, Error ellipse: s-maj=35.7km s-min=18.2km az=53.0

ISC 04 18:30:57.2:0.9, 0.5N:1.1:98.11E:0.07, h29km, n17, r=123/15, mb3.8/0, Northern Sumatra

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GSI Gunungsitoli, MNSI Mandailing Nat, PPI Padang Panjang, etc.

ISCJB 04 18:36:53.0:6.4, 3.68S:0.07:171.99E:0.09, h16km, mb4.0/4, Error ellipse: s-maj=13.2km s-min=4.0km az=44.9

IDC 04 18:36:53.6:1.5, 4.3:45S:171.85E, h0km, mb4.0/3, mb1.4/2/3, mb1mx3.7/31, mbtmp4.0/3, Error ellipse: s-maj=93.6km s-min=36.3km az=27.0

NEIC 04 18:36:54.7, 4.3:64S:171.91E, h5km, mb4.0/1, ML4.3(WEL), After WEL

AUST 04 18:36:55.6:0.7, 4.4:09S:172.72E, h63km, Error ellipse: s-maj=1.9km s-min=0.9km az=308.0

ISC 04 18:36:55.4:0.8, 4.3:64S:171.91E:0.06, h16km, n39, r=095/43, mb4.0/4, South Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like RPZ Rata Peaks, ODZ Otaua Downs, ODZ Otaua Downs, etc.

ISCJB 04 18:59:51.6:0.6, 4.3:65S:172.25E:0.08, h16km, mb3.4/2, Error ellipse: s-maj=9.8km s-min=4.5km az=41.6

IDC 04 18:59:51.1:1.8, 4.3:40S:172.20E, h0km, mb3.6/2, mb1.3/8/3, mb1mx3.6/17, mbtmp3.6/3, ML3.4/1, Error ellipse: s-maj=47.6km s-min=12.9km az=152.0

NEIC 04 18:59:53.0, 4.3:64S:172.13E, h5km, ML4.3(WEL), After WEL

ISC 04 18:59:53.0, 4.3:57S:172.21E:0.06, h16km, n25, r=122/30, South Island

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

CSEM 04 18:44:49.7, 13:74N:45:51E, h3km, ML3.5

DHMR 04 18:44:49.7:2.0, 13:74N:45:51E, h4km, g1km, ML3.5, 10C, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BDHA Al Bayda, ADEN Aden, DHBB Dhamar BB, etc.

Table with columns: TRBA, UDYUN, Sb, P, Res. Includes stations like TRBA At Turbah, UDYUN Al Udayan, etc.

IDC 04 18:45:13.9:2.8, 32.77N:105.41E, h0km, mb3.6/2, mb1.3/7/4, mb1mx3.3/41, mbtmp3.5/4, ML3.9/2, Error ellipse: s-maj=90.2km s-min=42.6km az=92.0, Sichuan

SONM Songino Array 15.07 3 Pn Pn 18 48 48.3 +0.1

CMAR Chiang Mai Arr 15.29 204 Pn Pn 18 48 53.0 +0.5

WRA Warrungarra Arr 59.126 P P 18 55 17.3 -0.1

ASAR Alice Springs 62.36 150 P P 18 55 38.3 -0.1

NNC 04 18:46:35.9:2.0, 39.64N:73.82E, h0km, mb3.5, mpv3.0, Error ellipse: s-maj=19.9km s-min=9.8km az=50.0

ISCJB 04 18:46:37.7:1.5, 39.53N:0.08:73.78E:0.09, h10km, Error ellipse: s-maj=11.9km s-min=10.1km az=175.0

KRNET 04 18:46:38.6:0.1, 39.68N:73.80E, mb3.6

ISC 04 18:46:39.8:1.6, 39.74N:0.08:73.77E:0.05, h10km, n17, r=171/23, 13C-15, Tajikistan-Kinjalig border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SFK Suifi-Kurgan, SFK Suifi-Kurgan, SFK Suifi-Kurgan, etc.

AAK Ala-Archa 2.94 10 U Pg P 18 47 30.6 -1.9

AAK Ala-Archa 3.6m, 0.4s U Pg P 18 48 13.2

AAK Ala-Archa 13m, 0.8s U Pg P 18 47 28.8 +2.0

AAK Ala-Archa 2.94 10 U Pg P 18 48 07.5 -1.1

KBK Karagaybulak 3.05 17 U P P 18 47 28.9 +0.6

KBK Karagaybulak 2.94 10 U Pg P 18 48 07.8 +2.9

ULHL Ulhal 3.12 36 U P P 18 47 30.0 +0.6

ULHL Ulhal 2.94 10 U Pg P 18 48 09.4 +2.5

TKM2 Tokmak-2 3.46 23 U Pg P 18 47 35.8 +1.8

TKM2 Tokmak-2 2.0m, 0.4s U Pg P 18 48 29.3

DZET Dzerinoz 3.95 258 U Pg P 18 47 50.4 +0.8

DZET Dzerinoz 2.6m, 0.6s U Pg P 18 48 45.1

KK31 Karatay Array 4.16 325 U Pg P 18 47 55.0 +1.9

KK31 Karatay Array 0.8m, 0.4s, baz=146, slow=15, SNR=8.5 U Pg P 18 48 36.3 +4.2

KK31 Karatay Array 0.7m, 0.3s, baz=143, slow=23 U Pg P 18 48 52.9

PDGK Podgornoye 5.59 48 U Pg P 18 48 18.1 +0.7

PDGK Podgornoye 0.4m, 0.3s U Pg P 18 49 40.4

ISCJB 04 18:59:51.6:0.6, 4.3:65S:172.25E:0.08, h16km, mb3.4/2, Error ellipse: s-maj=9.8km s-min=4.5km az=41.6

IDC 04 18:59:51.1:1.8, 4.3:40S:172.20E, h0km, mb3.6/2, mb1.3/8/3, mb1mx3.6/17, mbtmp3.6/3, ML3.4/1, Error ellipse: s-maj=47.6km s-min=12.9km az=152.0

NEIC 04 18:59:53.0, 4.3:64S:172.13E, h5km, ML4.3(WEL), After WEL

ISC 04 18:59:53.0, 4.3:57S:172.21E:0.06, h16km, n25, r=122/30, South Island

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

NEIC 04 19:17:05.1:0.6, 33:54N:132:41E, h45km, mb4.0/1, Error ellipse: s-maj=7.4km s-min=6.3km az=164.8

JMA 04 19:17:05.8, 33:54N:132:41E, h45km, M3.6

IDC 04 19:17:07.1:2.2, 33:59N:132:36E, h60km, mb2.2km, mb3.6/1, mb1.3/4/3, mb1mx3.0/44, mbtmp3.4/3, ML2.8, MS2.1/1, Ms1.2/1, ms1mx2.0/41, Error ellipse: s-maj=23.5km s-min=16.4km az=133.0

ISC 04 19:17:06.1:0.1, 33:53N:132:42E:0.04, h43km, g8km, n12, r=63/21, 1C-6D, Shikoku

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JNE Nagahama, JNA Nagahama, UWA2 Uwa jima 2, etc.

NEIC 04 19:14:39.4:0.3, 11:51N:125:78E, h35km, mb4.3/3, Error ellipse: s-maj=12.5km s-min=6.6km az=79.0

ISC 04 19:14:39.6:0.5, 11:62N:104:125.81E:0.07, h33km, n61, r=128/46, mb4.1/18, MS3.1/10, 1C-2D, Samar

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PLP Palo, CNP Catarman, PVCP Virac, etc.

CTBH Cotabato-PCPH 4.64 200 Pn Pn 19 15 50.7 +3.3

MATI Mati 4.67 175 eP Pn 19 15 48.5 +0.7

SJMP San Jose 4.67 81 eP Pn 19 15 49.4 +1.6

CUYO Cuyo Island 4.77 26 Pn Pn 19 15 50.0 +0.8

IPIL Ipil 4.97 22 eP Pn 19 15 53.6 +1.7

BUSP Coron 5.51 275 eP Pn 19 16 05.5 +1.1

BALP Baler 5.81 315 eP Pn 19 15 59.3 -4.1

LUBP Lubang 5.83 292 eP Pn 19 16 06.2 +2.6

CAUP Cawayan 6.55 324 eP Pn 19 16 11.1 -2.4

FAKI Fak Fak 15.80 156 P P 19 18 24.4 +1.1

GUMO Guam 18.70 92 LR LR 19 24 32.6

SOEI Soe 21.29 184 P P 19 19 25.3 +1.6

BATI Baumata 21.97 11 LR LR 19 19 28.4 -0.5

JNU Nakatue 21.90 11 LR LR 19 27 10.7

MTN Mantion Dam 24.87 168 P P 19 19 59.6 +0.2

KDU Warrungarra Arr 25.04 164 P P 19 19 59.9 -1.0

KULM Kulim 25.66 258 eP P 19 20 06.3 -0.3

LEM Lembang 25.76 226 P P 19 20 06.7 -1.0

LEM Lembang 20m, 0.7s, baz=289, slow=17, SNR=3.7 LR LR 19 32 31.8

KSAR Wonju Array Be 25.78 4 P P 19 20 08.6 +1.1

KSAR Korea Array 25.79 4 P P 19 20 08.6 +1.0

KSR5 2.2m, 0.7s, baz=186, slow=11, SNR=9.2 LR LR 19 29 07.8

CMAR Chiang Mai Arr 26.80 288 P P 19 20 16.5 -0.5

CMAR Chiang Mai Arr 1.1m, 0.7s, baz=88, slow=7.9, SNR=11 LR LR 19 30 13.3

MJAR Matsuhiro Arr 27.21 22 LR LR 19 29 51.5

KNRA Kunurra 27.28 174 P P 19 20 19.5 -1.7

PSI Prapat 28.25 254 LR LR 19 31 57.3

FITZ Fitzroy Crossi 29.54 180 P P 19 20 39.6 -1.6

FITZ Fitzroy Crossi 2.5m, 0.8s, baz=6, slow=7.5, SNR=11 P P 19 20 39.6 -1.6

WRAB Warrungarra Arr 32.47 165 P P 19 21 04.9 -2.2

WRA Warrungarra Arr 32.47 165 P P 19 21 05.1 -2.0

WRA Warrungarra Arr 0.9m, 0.6s, baz=346, slow=9.3, SNR=11 P P 19 23 52.1 -1.8

QIS Mount Isa 34.74 157 P P 19 21 25.7 -1.2

ASAR Alice Springs 35.95 167 P P 19 21 36.1 -1.2

ASAR Alice Springs 0.9m, 0.5s, baz=346, slow=6.9, SNR=23 P P 19 24 02.8 -1.1

WRKA Warakurna 36.52 176 P P 19 21 41.3 -0.8

HNR Honiara 39.86 120 LR LR 19 35 54.3

H1S3 WAKE ISLAND Hy 39.99 75 T T 20 05 13.5

H1S1 WAKE ISLAND Hy 40.00 75 T T 20 05 12.6

H1S2 WAKE ISLAND Hy 40.01 75 T T 20 05 13.5

H1N1 WAKE ISLAND Hy 40.28 73 T T 20 05 33.1

H1N2 WAKE ISLAND Hy 40.28 73 T T 20 05 33.9

H1N3 WAKE ISLAND Hy 40.29 73 T T 20 05 34.5

MORW Morawa 41.54 193 P P 19 22 21.9 -2.1

STKA Stephens Creek 45.82 161 P P 19 22 57.7 -0.8

PETK Petropavlovsk-48.60 25 P P 19 23 21.4 +1.5

PETK Petropavlovsk-48.60 25 P P 19 23 21.4 +1.5

MKAR Makanchi Array 50.69 322 P P 19 23 36.3 +0.3

MKAR Makanchi Array 1.7m, 0.5s, baz=115, slow=8.4, SNR=24 LR LR 19 46 45.9

ZALV Zalesovo Beam 53.23 331 P P 19 23 54.4 -0.5

BRVK Bratovo 60.38 325 eP P 19 24 45.0 -0.5

ABAK Abkarak array 65.57 319 eP P 19 25 19.6 -0.4

ILAR Eilsion Array 78.43 26 P P 19 26 36.9 0.0

ARCES ARCES Array B 82.78 340 P P 19 27 00.2 +0.2

BFRS Keskin Array B 84.33 309 P P 19 27 07.9 -1.0

FINESS FINESS Array B 153.09 323 PKPbc P 19 27 08.4 -0.6

HFS Hofsors 90.65 32 LR LR 20 10 01.8

NEIC 04 19:17:03.5:0.6, 33:54N:132:40E, h47km, Mw3.7, Best double couple: L3.930000*10^14 NP1.8e30.00000*delta.019.00000*, lambda-2.00000*, NP2.e122.00000*, delta.00000*, lambda-1.09.00000*

ISCJB 04 19:17:05.1:0.6, 33:54N:132:41E, h45km, mb4.0/1, Error ellipse: s-maj=7.4km s-min=6.3km az=164.8

JMA 04 19:17:05.8, 33:54N:132:41E, h45km, M3.6

IDC 04 19:17:07.1:2.2, 33:59N:132:36E, h60km, mb2.2km, mb3.6/1, mb1.3/4/3, mb1mx3.0/44, mbtmp3.4/3, ML2.8, MS2.1/1, Ms1.2/1, ms1mx2.0/41, Error ellipse: s-maj=23.5km s-min=16.4km az=133.0

ISC 04 19:17:06.1:0.1, 33:53N:132:42E:0.04, h43km, g8km, n12, r=63/21, 1C-6D, Shikoku

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JNE Nagahama, JNA Nagahama, UWA2 Uwa jima 2, etc.

mb1 3.6/2, mb1mx3.4/25, mbtmp3.4/2, Error ellipse:
s-maj=347.6km s-min=64.8km az=146.0, Fiji Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
					h m s	ISC
WRA	Warramunga Arr	43.05	262	P	21 24 29.0	+0.9
ASAR	Alice Springs	43.08	256	P	21 24 26.6	-1.8
BRTR	Keenin Array B	145.00	312	PKPbc	21 26 04.7	-0.5

KRNET 04 21:17:42.5:0.1, 40:99N:73:65E, h18km, mb3.0
NINC 04 21:17:42.6:1.2, 40:84N:73:65E, h0km, mb2.9, mpv2.6,
Error ellipse: s-maj=23.9km s-min=7.0km az=94.0

KNET 04 21:17:44.5:0.4, 41:08N:73:75E, h0km, ml2.0, Error
ellipse: s-maj=3.2km s-min=1.9km az=57.0

ISC 04 21:17:41.4:1.4, 40:93N:0:04:73:66E:0:03, h3km, ml5km,
n23, r150/42, 14C-20D, Kyrgyzstan

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
					h m s	ISC
SFK	Sufi-Kurgan	0.92	188	U	21 17 57.7	-2.4
SFK	3.8nm, 0.2s					
SFK	5.4nm, 0.1s					
ARLS	Arara	1.06	28	U	21 18 01.4	-1.1
AML	Almayashu	1.20	1	U	21 18 04.4	-0.7
AML	baz=1.0					
AML	Almayashu	1.20	1	U	21 18 04.6	-0.5
AML	7.5nm, 0.1s, SNR=46					
AML	18nm, 0.2s					
ARK	Arkit	1.55	305	e	21 18 11.8	+0.4
ARK	baz=303					
ARK	baz=303					
KZA	Kyzart	1.66	46	U	21 18 13.2	+0.3
KZA	baz=47					
KZA	Kyzart	1.66	46	U	21 18 13.3	+0.1
KZA	1.5nm, 0.3s, SNR=13					
EKS2	Erkin-Say	1.74	3	U	21 18 13.9	-0.8
EKS2	4.3nm, 0.1s					
EKS2	Erkin-Say	1.74	3	P	21 18 13.9	-0.8
EKS2	2.6nm, 0.1s, SNR=17					
EKS2	baz=3.0					
EKS2	Erkin-Say	1.74	3	P	21 18 14.3	-0.4
EKS2	2.6nm, 0.1s, SNR=17					
EKS2	baz=3.0					
EKS2	Erkin-Say	1.74	3	P	21 18 14.3	-0.4
EKS2	2.6nm, 0.1s, SNR=17					
EKS2	baz=3.0					
EKS2	Erkin-Say	1.74	3	P	21 18 14.3	-0.4
EKS2	2.6nm, 0.1s, SNR=17					
EKS2	baz=3.0					
EKS2	Erkin-Say	1.74	3	P	21 18 14.3	-0.4
EKS2	2.6nm, 0.1s, SNR=17					
EKS2	baz=3.0					
EKS2	Erkin-Say	1.74	3	P	21 18 14.3	-0.4
EKS2	2.6nm, 0.1s, SNR=17					
EKS2	baz=3.0					
EKS2	Erkin-Say	1.74	3	P	21 18 14.3	-0.4
EKS2	2.6nm, 0.1s, SNR=17					
EKS2	baz=3.0					
EKS2	Erkin-Say	1.74	3	P	21 18 14.3	-0.4
EKS2	2.6nm, 0.1s, SNR=17					
EKS2	baz=3.0					
EKS2	Erkin-Say	1.74	3	P	21 18 14.3	-0.4
EKS2	2.6nm, 0.1s, SNR=17					
EKS2	baz=3.0					
EKS2	Erkin-Say	1.74	3	P	21 18 14.3	-0.4
EKS2	2.6nm, 0.1s, SNR=17					
EKS2	baz=3.0					
EKS2	Erkin-Say	1.74	3	P	21 18 14.3	-0.4
EKS2	2.6nm, 0.1s, SNR=17					
EKS2	baz=3.0					
EKS2	Erkin-Say	1.74	3	P	21 18 14.3	-0.4
EKS2	2.6nm, 0.1s, SNR=17					
EKS2	baz=3.0					
EKS2	Erkin-Say	1.74	3	P	21 18 14.3	-0.4
EKS2	2.6nm, 0.1s, SNR=17					
EKS2	baz=3.0					
EKS2	Erkin-Say	1.74	3	P	21 18 14.3	-0.4
EKS2	2.6nm, 0.1s, SNR=17					
EKS2	baz=3.0					
EKS2	Erkin-Say	1.74	3	P	21 18 14.3	-0.4
EKS2	2.6nm, 0.1s, SNR=17					
EKS2	baz=3.0					
EKS2	Erkin-Say	1.74	3	P	21 18 14.3	-0.4
EKS2	2.6nm, 0.1s, SNR=17					
EKS2	baz=3.0					
EKS2	Erkin-Say	1.74	3	P	21 18 14.3	-0.4
EKS2	2.6nm, 0.1s, SNR=17					
EKS2	baz=3.0					
EKS2	Erkin-Say	1.74	3	P	21 18 14.3	-0.4
EKS2	2.6nm, 0.1s, SNR=17					
EKS2	baz=3.0					
EKS2	Erkin-Say	1.74	3	P	21 18 14.3	-0.4
EKS2	2.6nm, 0.1s, SNR=17					
EKS2	baz=3.0					
EKS2	Erkin-Say	1.74	3	P	21 18 14.3	-0.4
EKS2	2.6nm, 0.1s, SNR=17					
EKS2	baz=3.0					
EKS2	Erkin-Say	1.74	3	P	21 18 14.3	-0.4
EKS2	2.6nm, 0.1s, SNR=17					
EKS2	baz=3.0					
EKS2	Erkin-Say	1.74	3	P	21 18 14.3	-0.4
EKS2	2.6nm, 0.1s, SNR=17					
EKS2	baz=3.0					
EKS2	Erkin-Say	1.74	3	P	21 18 14.3	-0.4
EKS2	2.6nm, 0.1s, SNR=17					
EKS2	baz=3.0					
EKS2	Erkin-Say	1.74	3	P	21 18 14.3	-0.4
EKS2	2.6nm, 0.1s, SNR=17					
EKS2	baz=3.0					
EKS2	Erkin-Say	1.74	3	P	21 18 14.3	-0.4
EKS2	2.6nm, 0.1s, SNR=17					
EKS2	baz=3.0					
EKS2	Erkin-Say	1.74	3	P	21 18 14.3	-0.4
EKS2	2.6nm, 0.1s, SNR=17					
EKS2	baz=3.0					
EKS2	Erkin-Say	1.74	3	P	21 18 14.3	-0.4
EKS2	2.6nm, 0.1s, SNR=17					
EKS2	baz=3.0					
EKS2	Erkin-Say	1.74	3	P	21 18 14.3	-0.4
EKS2	2.6nm, 0.1s, SNR=17					
EKS2	baz=3.0					
EKS2	Erkin-Say	1.74	3	P	21 18 14.3	-0.4
EKS2	2.6nm, 0.1s, SNR=17					
EKS2	baz=3.0					
EKS2	Erkin-Say	1.74	3	P	21 18 14.3	-0.4
EKS2	2.6nm, 0.1s, SNR=17					
EKS2	baz=3.0					
EKS2	Erkin-Say	1.74	3	P	21 18 14.3	-0.4
EKS2	2.6nm, 0.1s, SNR=17					
EKS2	baz=3.0					
EKS2	Erkin-Say	1.74	3	P	21 18 14.3	-0.4
EKS2	2.6nm, 0.1s, SNR=17					
EKS2	baz=3.0					
EKS2	Erkin-Say	1.74	3	P	21 18 14.3	-0.4
EKS2	2.6nm, 0.1s, SNR=17					
EKS2	baz=3.0					
EKS2	Erkin-Say	1.74	3	P	21 18 14.3	-0.4
EKS2	2.6nm, 0.1s, SNR=17					
EKS2	baz=3.0					
EKS2	Erkin-Say	1.74	3	P	21 18 14.3	-0.4
EKS2	2.6nm, 0.1s, SNR=17					
EKS2	baz=3.0					
EKS2	Erkin-Say	1.74	3	P	21 18 14.3	-0.4
EKS2	2.6nm, 0.1s, SNR=17					
EKS2	baz=3.0					
EKS2	Erkin-Say	1.74	3	P	21 18 14.3	-0.4
EKS2	2.6nm, 0.1s, SNR=17					
EKS2	baz=3.0					
EKS2	Erkin-Say	1.74	3	P	21 18 14.3	-0.4
EKS2	2.6nm, 0.1s, SNR=17					
EKS2	baz=3.0					
EKS2	Erkin-Say	1.74	3	P	21 18 14.3	-0.4
EKS2	2.6nm, 0.1s, SNR=17					
EKS2	baz=3.0					
EKS2	Erkin-Say	1.74	3	P	21 18 14.3	-0.4
EKS2	2.6nm, 0.1s, SNR=17					
EKS2	baz=3.0					
EKS2	Erkin-Say	1.74	3	P	21 18 14.3	-0.4
EKS2	2.6nm, 0.1s, SNR=17					
EKS2	baz=3.0					
EKS2	Erkin-Say	1.74	3	P	21 18 14.3	-0.4
EKS2	2.6nm, 0.1s, SNR=17					
EKS2	baz=3.0					
EKS2	Erkin-Say	1.74	3	P	21 18 14.3	-0.4
EKS2	2.6nm, 0.1s, SNR=17					
EKS2	baz=3.0					
EKS2	Erkin-Say	1.74	3	P	21 18 14.3	-0.4
EKS2	2.6nm, 0.1s, SNR=17					
EKS2	baz=3.0					
EKS2	Erkin-Say	1.74	3	P	21 18 14.3	-0.4
EKS2	2.6nm, 0.1s, SNR=17					
EKS2	baz=3.0					
EKS2	Erkin-Say	1.74	3	P	21 18 14.3	-0.4
EKS2	2.6nm, 0.1s, SNR=17					
EKS2	baz=3.0					
EKS2	Erkin-Say	1.74	3	P	21 18 14.3	-0.4
EKS2	2.6nm, 0.1s, SNR=17					
EKS2	baz=3.0					
EKS2	Erkin-Say	1.74	3	P	21 18 14.3	-0.4
EKS2	2.6nm, 0.1s, SNR=17					
EKS2	baz=3.0					
EKS2	Erkin-Say	1.74	3	P	21 18 14.3	-0.4
EKS2	2.6nm, 0.1s, SNR=17					
EKS2	baz=3.0					
EKS2	Erkin-Say	1.74	3	P	21 18 14.3	-0.4
EKS2	2.6nm, 0.1s, SNR=17					
EKS2	baz=3.0					
EKS2	Erkin-Say	1.74	3	P	21 18 14.3	-0.4
EKS2	2.6nm, 0.1s, SNR=17					
EKS2	baz=3.0					
EKS2	Erkin-Say	1.74	3	P	21 18 14.3	-0.4
EKS2	2.6nm, 0.1s, SNR=17					
EKS2	baz=3.0					
EKS2	Erkin-Say	1.74	3	P	21 18 14.3	-0.4
EKS2	2.6nm, 0.1s, SNR=17					
EKS2	baz=3.0					
EKS2	Erkin-Say	1.74	3	P	21 18 14.3	-0.4
EKS2	2.6nm, 0.1s, SNR=17					
EKS2	baz=3.0					
EKS2	Erkin-Say	1.74	3	P	21 18 14.3	-0.4
EKS2	2.6nm, 0.1s, SNR=					

4d 23h

Table with columns for station name, frequency, power, and signal strength. Includes stations like KSH, TRQA, KEST, etc.

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Table with columns for station name, frequency, power, and signal strength. Includes stations like Lanzhou, MK01, MK32, etc.

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Table with columns for station name, frequency, power, and signal strength. Includes stations like GOPC, PRU, PRU, etc.

Table with columns: Call Sign, Station Name, Frequency, Class, Mode, and other parameters. Includes stations like Cheneyville 18, Remer, Fort Scott, etc.

Table with columns: Call Sign, Station Name, Frequency, Class, Mode, and other parameters. Includes stations like Eads, Kim, Arinton, etc.

Table with columns: Call Sign, Station Name, Frequency, Class, Mode, and other parameters. Includes stations like KLBRR, MJAR, PETK, etc.

5d 0h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Kahutara, Lake Benmore, Nelson, etc.

NNC 05:00:25.09.1.1.8,39.53N;74.70E, h0km, mb2.8, mpv2.6, Error ellipse: s-maj=14.1km s-min=7.7km az=172.0

KRNET 05:00:25.11.3.0.1.39.52N;75.14E, mb3.5, Error ellipse: s-maj=12.3km s-min=7.5km az=172.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Sufti-Kurgan, Naryn, etc.

WEL 05:00:26.46.2.0.1.43.62S;172.20E, h5km, ML3.0/6, 1C-1D, Error ellipse: s-maj=0.8km s-min=0.7km az=90.0, South Island

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

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Rata Peaks, Lake Taylor, Waitaha Valley, etc.

WEL 05:00:27.32.6.0.1.43.56S;171.94E, h6km, ML3.8/19, 3C-2D, 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 Oxford, McQueen's Vall, Rata Peaks, etc.

WEL 05:00:36.35.5.0.1.43.59S;172.32E, h15km, ML3.6/17, 3C-3D, Error ellipse: s-maj=0.7km 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, etc.

NEIC 05:00:43.16.9.4.3.64S;172.44E, h8km, ML4.2(WEL), After WEL, NEIC Fell in the Christchurch area.

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2C-4D, Error ellipse: s-maj=0.5km s-min=0.5km az=90.0, South Island

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

IDC 05:00:45.58.6.1.2.43.12N;126.47W, h0km, mb3.77, m1 3.9/13, m1mx3.7/42, m1tmp3.8/13, ML3.4/6, MS3.6/16, M1 3.6/16, m1mx3.4/33, Error ellipse: s-maj=25.5km s-min=10.6km az=44.0

BJJ 05:00:45.59.1.43.20N;126.30W, h5km, mb5.0/10, MB5.1/7, Ms4.7/4, Ms7.4/5

ISCJB 05:00:46.00.9.0.4.43.21N;126.32W;0.04, h14km, mb4.3/15, MS3.5/10, Error ellipse: s-maj=4.8km s-min=3.4km az=145.7

NEIC 05:00:46.00.3.0.6.43.13N;126.43W, h10km, mb4.4/19, Error ellipse: s-maj=8.5km s-min=5.5km az=52.0

5d 1h

Table with columns: KZV, Kizim, 1.84 353 P, Pn, 01 36 12.1 +2.9, etc.

ISCJB 05 01:44:41.1, 0.2, 59.84N, 0.02:152.70W, 0.04, h104km, mb4.2/13, Error ellipse: s-maj=3.6km

IDC 05 01:44:41.9, 1.7, 59.94N:152.85W, h91km, 19km, mb3.9/11, mb1.4/1.6, mb1mx3.6/5.7, mbtmp4.3/1.6, MS3.42, Ms1.3/4.2, ms1mx2.5/4.6, Error ellipse: s-maj=21.6km

NEIC 05 01:44:43.6, 59.85N:152.79W, h88km, mb4.0/1, After AEIC.

ISC 05 01:44:42.6, 59.83N:0.03:152.71W, 0.03, h96km, 5km, n143, 0.997/163, mb4.1/13, Southern Alaska

Main table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, etc.

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Table with columns: PCA, Pinnacle, 6.26 82 P, Pn, 01 46 12.1 +0.2, etc.

BUI 05 01:49:47.9, 16:21S:168:73E, h195km, mb4.7/25, mb4.7/20

IDC 05 01:49:49.8, 1.6, 16:16S:168:00E, h176km, 14km, mb4.2/21, mb1.4/2.22, mb1mx4.0/5.4, mbtmp4.6/2.22, Error ellipse: s-maj=16.5km

GCMT 05 01:50:30.0, 7.16, 28S:167.89E, h189km, 4km, Mw: 1.65, Moment Tensor: Scale 10^16Nm, Mo: 5.33; 2.84; 0.41; 30; Mo: -0.93; 2.8; Mo: 3.33; 2.5; Mo: 4.55; 2.8; Mo: -0.40; 2.3; Best double couple: Mo: 7.0200x10^16 Np1: 276.00000; 884.00000; A: 35.00000. NP2: 182.00000; 855.00000; A: 173.00000. Principal axes: T: 5.8750, Plg29.0000, Azm145.0000; N: -0.3460, Plg54.0000; Azm284.0000; P: -5.5290, Plg20.0000; Azm43.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 05 01:49:50.9, 1.0, 16:13S:168:04E, h188km, 6km, mb4.7/21, Error ellipse: s-maj=9.5km s-min=6.9km az=65.0

ISCJB 05 01:49:50.7, 1.5, 16:14S:168:00E, h169km, 0.08, h198km, 13km, mb4.5/39, Error ellipse: s-maj=12.7km s-min=8.6km az=163.3

MOS 05 01:49:50.6, 1.6, 16:08S:167.92E, h194km, mb4.8/9, Error ellipse: s-maj=12.1km s-min=11.2km az=34.5

ISC 05 01:49:51.0, 1.6, 22S:168:16E, h195km, 3km, h195km: p-P, n124, 0.1946/147, mb4.6/37, 10C-5D, Vanuatu Islands

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

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Table with columns: ASAR, comp=Z, 2.25nm, 0.5s, baz=77, slow=8.9, SNR=410, etc.

Table with columns: ARAO, SNR=18, AREO, ARCESS Array S, AREO, ARCESS Array S, AREO, Hetta, HEF, Hetta, HEF, HEF, Oulu, Oulu, FIAO, FINESS Array S, FIAO, FIAO, FIAO, FIAO, FIAO, FIAO, SPAO, SPAO

ISCJB 05 03:22:18.5±0.5, 39.27N±0.02, 28.30E±0.03, h7km, 4km, Error ellipse: s-maj=4.1km s-min=3.7km az=177.0 DDA 05 03:22:18.1, 39.26N±0.02, 28.31E±0.03, h9km, MD2.8 CSEM 05 03:22:18.6±0.1, 39.26N±0.02, 28.30E±0.03, h10km, MD2.8, Error ellipse: s-maj=2.5km s-min=2.3km az=92.0 ISK 05 03:22:18.1, 39.26N±0.02, 28.30E±0.03, h9km, MD2.7 ISC 05 03:22:18.4±0.1, 39.26N±0.02, 28.31E±0.02, h14km, 8km, n32, c0533/54, Turkey

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like DURS Dursunbey, DEMI Demirci, BALB Balikesir, AKHS Akhisar, AKS Akhisar, GONE Gonen-Balikesi, GDZ Gediz, KCTX Karacabey (Bur), DKL Dikili, EDIC Edincik, MUDNY Mudanya-Bursa, AYVA Ayvalik, AYVA Ayvalik, KHAL Karahalli, KHAL Karahalli, AYD Zeytinokuy-Aydi, GEMT Gemlik, ARMT Armutlu

ISCJB 05 03:25:19.3±1.6, 51.01N±0.07, 176.05W±0.07, h27km, 10km, mb3.9/2, Error ellipse: s-maj=12.5km s-min=6.8km az=160.9 NEIC 05 03:25:21.6±0.1, 51.08N±1.76, 08W, h17km, ML3.1(AEIC), After AEIC. IDC 05 03:25:23.9±1.4, 50.69N±1.75, 69W, h92km, 60km, mb3.1/3, mb1 3.4/5, mb1mx3.0/49, mbtmp3.7/5, ML3.6/2, Error ellipse: s-maj=280.3km s-min=31.3km az=165.0 ISC 05 03:25:21.2±0.9, 51.10N±0.10, 176.11W±0.05, h30km, 21km, n30, c0866/30, Andean Islands

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ETKA Kagalaska Isla, GSKC Great Sitkin C, GSMY Great Sitkin M, GSTD Great Sitkin T, GSTR Great Sitkin T, KIKV Kanaga Island, KINC Kanaga Island, KICM Kanaga Island, TAPA Tanaga Point A, TASE Tanaga Southeast, TAFP Tanaga Falls P, TANO Tanaga North, ATKA Atka Island, GAEA Gareloi East, GALAA Gareloi Lava P, GANE Gareloi North, CESW Semis Southwe, AMKA Amchitka, KDAA Kodiak Island, PETK Petropavlovsk, ILAR Eielson Array, H1N2 WAKE ISLAND Hy 34.05 209 T, H1N3 WAKE ISLAND Hy 34.06 209 T, H1N1 WAKE ISLAND Hy 34.07 209 T, H1S1 WAKE ISLAND Hy 35.26 209 T, H1S2 WAKE ISLAND Hy 35.28 209 T, H1S3 WAKE ISLAND Hy 35.28 209 T, MKAR Makanochi Array 61.52 310 P

HFS Hagfors 68.84 355 P P 03 36 21.5 -0.6 2.6fm, 1.1s, baz=60, slow=8.5, SNR=4.2 ISCJB 05 03:28:35.6±1.0, 51.48N±0.05, 167.02E±0.05, h0km, Error ellipse: s-maj=7.1km s-min=3.7km az=24.4 CSEM 05 03:28:36.6±0.5, 51.49N±1.9N±1.6, h03E, h2km, ML2.5/4, Error ellipse: s-maj=7.4km s-min=4.6km az=7.0 PRU 05 03:28:37.4±1.5, 51.50N±1.6, h0E, h0km ISC 05 03:28:36.9±1.5, 51.50N±0.07, 167.03E±0.04, h0km, n19, c040/33, Poland

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KSP Ksiadz, UJPC Ujpec, UJPC Ujpec, DPC Dobruska-Polom, DPC Dobruska-Polom, BRG Berggiesshubel, KRCL Kraliky, KRCL Kraliky, KRCL Kraliky, GOPC GO Pecny, Ondr, PRU Pruhonice, MORC Moravsky Berou, OKC Ostrava-Krasne, OKC Ostrava-Krasne, VRAC Vranov, KHC Kasperske Hory, KHC Kasperske Hory

ISCJB 05 03:29:33.0±0.6, 51.16N±0.06, 176.07W±0.04, h47km, n31, 9/15, MS3.0/2, Error ellipse: s-maj=8.8km s-min=3.9km az=174.9 NEIC 05 03:29:33.0±0.5, 51.08N±1.76, 08W, h19km, mb3.9/4, ML3.8(AEIC), After AEIC. IDC 05 03:29:39.0±0.5, 51.44N±1.76, 07W, h73km, 43km, mb3.5/15, mb1 3.6/16, mb1mx3.5/50, mbtmp3.8/16, ML3.7/1, MS3.0/3, M51 3.0/3, ms1mx2.7/25, Error ellipse: s-maj=28.9km s-min=14.8km az=170.0 ISC 05 03:29:35.3±0.7, 51.22N±0.08, 176.14W±0.04, h47km, n56, c1919/52, mb3.8/14, Andean Islands

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ETKA Kagalaska Isla, GSKC Great Sitkin C, ADAG Mount Adagadak, GSMY Great Sitkin M, GSTD Great Sitkin T, GSTR Great Sitkin T, KIRH Kanaga Island, KIKV Kanaga Island, KINC Kanaga Island, TAPA Tanaga Point A, TAFP Tanaga Falls P, TANO Tanaga North, ATKA Atka Island, GAEA Gareloi East, GALAA Gareloi Lava P, GANE Gareloi North, CESW Semis Southwe, AMKA Amchitka, LSPA Little Sitkin, LSNW Little Sitkin, NIKH Nikolski High, UNIV Unslaska Valle, SPAA Saito Ptai, KDAA Kodiak Island, KDAA Kodiak Island, PETK Petropavlovsk

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SEW Sewasak Array, BPAW Bear Paw Mtn, COLA College, ILAR Eielson Array, SEY Semischan, DOT Dot Lake, EGAK Eagle, INK Inuvik, YKA Yellowknife Ar, H1N2 WAKE ISLAND Hy 34.16 209 T, H1N3 WAKE ISLAND Hy 34.16 209 T, H1N1 WAKE ISLAND Hy 34.17 209 T, USRK Usvayak Ar, H1S1 WAKE ISLAND Hy 35.37 209 T, H1S2 WAKE ISLAND Hy 35.38 209 T, H1S3 WAKE ISLAND Hy 35.38 209 T, MJAR Matsushiro Ar, NEW Neutosh, KRSR Korea Array, ZALV Zalesovo Beam, TXAR Lajitas Array, MKAR Makanochi Array, HFS Hagfors, GEYT Alibeck, BRTR Keskin Array B

1.0nm, 0.8s, baz=7.8, slow=0.5, SNR=5.0 ASAR Alice Springs 86.53 225 P P 03 42 14.5 +1.5 0.4nm, 0.8s, baz=18, slow=5.8, SNR=3.3 ESDC Sonsea Array 89.22 6 P P 03 42 26.0 +0.1 0.1nm, 0.3s, baz=346, slow=3.6, SNR=4.4 TORD Torodi Ar Bay 115.87 2 PKP PKPdf 03 48 12.4 -0.4 BOSB 0.2nm, 0.6s, baz=341, slow=1.1, SNR=6.5 PKPbc 152.216 PKPbc PKPbc 03 49 24.9 -0.8 1.8nm, 0.6s, baz=249, slow=4.3, SNR=3.7

LDG 05 03:34:24.0±0.4, 34.87N±2.83W, h2km, M3.4/9, Error ellipse: s-maj=9.4km s-min=5.8km az=162.0 CNRM 05 03:33:45.8, 35.17N±2.62W, h2km, MD4.1 IDC 05 03:33:46.1±1.2, 34.95N±2.94W, h0km, mb3.3/3, mb1 3.6/7, mb1mx4.3/8, mbtmp3.5/7, ML3.2/3, MS3.0/4, M51 3.0/4, ms1mx2.6/24, Error ellipse: s-maj=32.6km s-min=13.3km az=119.0 SFS 05 03:33:46.0, 34.93N±3.02W, h0km, ML3.3 IGL 05 03:33:47.1, 34.93N±3.03W, h0km MDD 05 03:33:47.0±0.3, 34.99N±3.01W, h0km, mblg3.2/53, Error ellipse: s-maj=2.9km s-min=2.4km az=138.0, PRIMMO MDD EMS: II INTENSIDAD MAXIMA EN ESPAA. INMG 05 03:33:49.2±1.5, 35.06N±3.02W, h18km, 4km, M3.2, Error ellipse: s-maj=5.9km s-min=3.7km az=144.0 CSEM 05 03:33:49.3±0.2, 35.07N±3.14W, h15km, M3.8/5, Error ellipse: s-maj=3.8km s-min=2.7km az=132.0 ISC 05 03:33:47.3±0.9, 35.08N±0.03, 03.03W±0.03, h15km, 6km, n273, c1975/416, 10C-13D, Strait of Gibraltar

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MELI Melilla, EMEL Melilla, EMEL Melilla, ZAI Zaio, ZAI Zaio, ZAI Zaio, TOU Touzarine, TOU Touzarine, EALB Alboran, EALB Alboran, EALB Alboran, EALB Alboran, EBER Berja, EBER Berja, DKH Dar Kharkhour, DKH Dar Kharkhour, TGT Taghat, TGT Taghat, ENIJ Nijar, ENIJ Nijar, ENIJ Nijar, ENIJ Nijar, EMAL Malaga-Limoner, EMAL Malaga-Limoner, EMUJ Milas, EMUJ Milas, EMUJ Milas, ECEU Ceuta, ECEU Ceuta, ECEU Ceuta, ECEU Ceuta, USTO Oran, USTO Oran, EQUA Quantar, EQUA Quantar, SELV Sierra Evlra, SELV Sierra Evlra, SELV Sierra Evlra, ECOG Cogollos-Vega, ECOG Cogollos-Vega, ECOG Cogollos-Vega, REAL Reales, REAL Reales, ODJA Bouhanfia, ODJA Bouhanfia, GORA Gora, GORA Gora, GORA Gora, TSY Trine Yamani, TSY Trine Yamani, MIF Mishlifen, MIF Mishlifen, MIF Mishlifen, MDT Midelt, MDT Midelt, CZD Col de Zad, CZD Col de Zad, CZD Col de Zad, LLIJA Lijar, LLIJA Lijar

5d 3h

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LUJA	Lijar	2.65 314	↑P	Pn	03 34 32.0 +2.3	ESDC	Sonsecarray	4.64 351	P	Pn	03 34 58.9 +1.8	CIA	Chichaoua	5.94 235	eP	Pn	03 35 17.0 +2.1	
LUJA			S	Sn	03 34 59.0 -2.6	ESDC				Sn	03 35 51.6 +0.9	CIA	Chichaoua	5.94 235	iS	Sn	03 36 24.0 +1.2	
EQES	Quesada	2.71 359	P	Sb	03 34 33.4 +2.8	PCVE	Castro Verde	4.78 304	P	Pn	03 34 59.5 +0.7	PMST	Lisbon--Monsan	6.13 308	ePn	Pn	03 35 18.9 +1.4	
EQES			S	Sb	03 35 06.5 -2.4	PCVE				Sn	03 35 53.9 -0.1	PMST	Lisbon--Monsan	6.13 308	ePn	Pn	03 35 18.9 +1.4	
EQES	Quesada	2.71 359	↑P	Pn	03 34 33.4 +2.8	PCVE	Castro Verde	4.78 304	P	Pn	03 34 59.5 +0.7	PTOM	Tomar	6.24 318	ePn	Pn	03 35 20.4 +1.6	
EQES			S	Sb	03 35 06.5 -2.4	PCVE				Sn	03 35 53.9 -0.1	PTOM			eSn	Pn	03 36 28.5 -1.4	
EHUE	Huescar	2.75 7	P	Pn	03 34 33.6 +2.6	PCVE	Castro Verde	4.78 304	P	Pn	03 34 59.5 +0.7	PTOM	Tomar	6.24 318	P	S	Pn	03 35 20.4 +1.6
EHUE			S	Sb	03 35 09.4 -0.5	PCVE				Sn	03 35 53.9 -0.1	PTOM			S	Sn	03 36 28.5 -1.4	
EHUE	Huescar	2.75 7	P	Pn	03 34 33.6 +2.6	EBAD	Badajoz	4.86 320	P	Pn	03 35 01.3 +1.3	PTOM	Tomar	6.24 318	P	S	Pn	03 35 20.4 +1.6
EHUE			S	Sb	03 35 09.4 -0.5	EBAD				Sn	03 35 56.3 +0.3	PTOM			S	Pn	03 36 28.5 -1.4	
ESPR	Espera	2.91 309	P	Pn	03 34 35.4 +2.3	EBAD	Badajoz	4.86 320	↑P	Pn	03 35 01.3 +1.3	PMAFR	Maфра	6.32 310	ePn	Pn	03 35 21.4 +1.3	
ESPR			S	Sb	03 35 11.2 +3.4	EBAD				Sn	03 35 56.3 +0.3	PMAFR			eSn	Pn	03 36 32.4 +0.3	
ESPR	Espera	2.91 309	↑P	Pn	03 34 35.4 +2.3	PBEJ	Beja	4.88 308	ePn	Pn	03 35 01.0 +0.8	PMAFR	Maфра	6.32 310	P	Pn	03 35 21.4 +1.3	
ESPR			S	Sb	03 35 11.2 +3.4	PBEJ				Sn	03 35 54.9 -1.6	PMAFR			S	Pn	03 36 30.7 -1.4	
SFS	San Fernando	2.93 299	P	Pn	03 34 35.9 +2.5	PBEJ	Beja	4.88 308	P	Pn	03 35 01.0 +0.8	PMAFR	Maфра	6.32 310	P	Pn	03 35 21.4 +1.3	
SFS			S	Sb	03 34 35.9 +2.5	PBEJ				Sn	03 35 54.9 -1.6	PMAFR			S	Pn	03 36 30.7 -1.4	
CART	Cartagena	2.99 33	↑P	Pn	03 34 33.6 +0.6	PBEJ	Beja	4.88 308	P	Pn	03 35 01.0 +0.8	PMAFR	Maфра	6.32 310	P	Pn	03 35 21.4 +1.3	
CART			S	Sb	03 35 05.7 -4.0	PBEJ				Sn	03 35 54.9 -1.6	PMAFR			S	Pn	03 36 30.7 -1.4	
SESP	Santiago Espad	3.06 7	P	Pn	03 34 38.5 +3.2	MESJ	Messejana	5.01 305	eP	Pn	03 35 02.7 +0.7	MTE	Manteigas	6.40 327	ePn	Pn	03 35 23.1 +1.9	
SESP			S	Sb	03 35 14.4 +2.7	MESJ				Sn	03 35 58.3 -1.4	MTE			eSn	Pn	03 36 32.5 -1.6	
SESP	Santiago Espad	3.06 7	↑P	Pn	03 34 38.5 +3.2	MESJ	Messejana	5.01 305	P	Pn	03 35 02.8 +0.8	MTE	Manteigas	6.40 327	P	Pn	03 35 23.1 +1.9	
SESP			S	Sb	03 35 14.4 +2.7	MESJ				Sn	03 35 58.3 -1.4	MTE			S	Pn	03 36 32.5 -1.6	
OKGL	Djebel Kef Gue	3.14 71	P	Pn	03 34 36.4 +0.1	MESJ	Messejana	5.01 305	P	Pn	03 35 02.8 +0.8	MTE	Manteigas	6.40 327	P	Pn	03 35 23.1 +1.9	
OKGL			S	Sb	03 34 36.4 +0.1	MESJ				Sn	03 35 58.3 -1.4	MTE			S	Pn	03 36 32.5 -1.6	
ZFT	Errachidia	3.24 200	P	Pn	03 34 37.0 -0.8	MORF	Marmelete	5.06 298	eP	Pn	03 35 02.7 +0.7	MTE	Manteigas	6.40 327	P	Pn	03 35 23.1 +1.9	
ZFT			S	Sb	03 35 15.0 -1.2	MORF				Sn	03 35 58.3 -1.4	MTE			S	Pn	03 36 32.5 -1.6	
ZFT	Errachidia	3.24 200	↑P	Pn	03 34 37.0 -0.8	MORF	Marmelete	5.06 298	ePn	Pn	03 35 02.7 +0.7	MTE	Manteigas	6.40 327	P	Pn	03 35 23.1 +1.9	
ZFT			S	Sb	03 35 15.0 -1.2	MORF				Sn	03 35 58.3 -1.4	MTE			S	Pn	03 36 32.5 -1.6	
EADA	Adamuz	3.32 338	P	Pn	03 34 40.5 +1.6	MORF	Marmelete	5.06 298	P	Pn	03 35 03.2 +0.4	MTE	Manteigas	6.40 327	P	Pn	03 35 23.1 +1.9	
EADA			S	Sb	03 35 18.5 +0.4	MORF				Sn	03 36 00.8 -0.4	MTE			S	Pn	03 36 38.1 -0.6	
EADA	Adamuz	3.32 338	↑P	Pn	03 34 40.5 +1.6	MORF	Marmelete	5.06 298	P	Pn	03 35 03.2 +0.4	MTE	Manteigas	6.40 327	P	Pn	03 35 23.1 +1.9	
EADA			S	Sb	03 35 18.5 +0.4	MORF				Sn	03 36 00.8 -0.4	MTE			S	Pn	03 36 38.1 -0.6	
EANR	Ain N'Sour	3.47 74	P	Pn	03 34 40.9 -0.1	PFVI	Vila Bisbo	5.12 295	ePn	Pn	03 35 05.1 +1.5	PCAS	Casimio, Conde	6.59 320	ePn	Pn	03 35 25.6 +1.8	
EANR			S	Sb	03 34 40.9 -0.1	PFVI				Sn	03 36 00.8 -0.4	PCAS			eSn	Pn	03 36 37.0 -1.7	
EANR	Ain N'Sour	3.47 74	P	Pn	03 34 40.9 -0.1	PFVI	Vila Bisbo	5.12 295	P	Pn	03 35 05.1 +1.5	PCAS	Casimio, Conde	6.59 320	P	Pn	03 35 25.6 +1.8	
EANR			S	Sb	03 34 40.9 -0.1	PFVI				Sn	03 36 00.8 -0.4	PCAS			S	Pn	03 36 37.0 -1.7	
KIB	El Ksiba	3.54 226	eP	Pn	03 35 25.0 +1.4	PFVI	Vila Bisbo	5.12 295	P	Pn	03 35 05.1 +1.5	PCAS	Casimio, Conde	6.59 320	ePn	Pn	03 35 25.6 +1.8	
KIB			S	Sb	03 35 25.0 +1.4	PFVI				Sn	03 36 00.8 -0.4	PCAS			S	Pn	03 36 37.0 -1.7	
KIB	El Ksiba	3.54 226	P	Pn	03 34 42.0 +0.1	PFVI	Vila Bisbo	5.12 295	ePn	Pn	03 35 05.1 +1.5	PVIS	Viseu	6.81 327	ePn	Pn	03 35 28.6 +1.8	
KIB			S	Sb	03 35 25.0 +1.4	PFVI				Sn	03 36 00.8 -0.4	PVIS			S	Pn	03 36 42.4 -1.8	
ETRT	Tiaret	3.55 84	P	Pn	03 34 42.3 +0.2	PFVI	Vila Bisbo	5.12 295	P	Pn	03 35 05.1 +1.5	PVIS	Viseu	6.81 327	P	Pn	03 35 28.6 +1.8	
ETRT			S	Sb	03 34 42.3 +0.2	PFVI				Sn	03 36 00.8 -0.4	PVIS			S	Pn	03 36 42.4 -1.8	
ETRT	Tiaret	3.55 84	P	Pn	03 34 42.3 +0.2	PFVI	Vila Bisbo	5.12 295	P	Pn	03 35 04.5 +0.9	PVIS	Viseu	6.81 327	P	Pn	03 35 28.6 +1.8	
ETRT			S	Sb	03 34 42.3 +0.2	PFVI				Sn	03 36 00.8 -0.4	PVIS			S	Pn	03 36 42.4 -1.8	
ECAB	Ei Cabril	3.55 328	P	Pn	03 34 43.4 +1.4	PFVI	Vila Bisbo	5.12 295	P	Pn	03 35 04.5 +0.9	PVIS	Viseu	6.81 327	P	Pn	03 35 28.6 +1.8	
ECAB			S	Sb	03 35 25.4 +1.6	PFVI				Sn	03 36 00.8 -0.4	PVIS			S	Pn	03 36 42.4 -1.8	
ECAB	Ei Cabril	3.55 328	P	Pn	03 34 43.4 +1.4	PTEO	Sao Teotonio	5.22 300	ePn	Pn	03 35 06.2 +1.4	MVO	Moncorvo	6.84 334	ePn	Pn	03 35 28.9 +1.7	
ECAB			S	Sb	03 35 25.4 +1.6	PTEO				Sn	03 36 05.1 +0.3	MVO			eSn	Pn	03 36 41.9 -3.0	
EVIA	Vianos	3.57 7	P	Pb	03 34 47.1 -3.2	PTEO	Sao Teotonio	5.22 300	P	Pn	03 35 06.2 +1.4	MVO	Moncorvo	6.84 334	P	Pn	03 35 28.9 +1.7	
EVIA			S	Sb	03 35 28.3 +3.9	PTEO				Sn	03 36 05.1 +0.3	MVO			S	Pn	03 36 42.3 -2.6	
EVIA	Vianos	3.57 7	P	Pb	03 34 47.1 -3.2	PTEO	Sao Teotonio	5.22 300	P	Pn	03 35 06.2 +1.4	MVO	Moncorvo	6.84 334	ePn	Pn	03 35 28.9 +1.7	
EVIA			S	Sb	03 35 28.3 +3.9	PTEO				Sn	03 36 05.1 +0.3	MVO			S	Pn	03 36 42.3 -2.6	
ETOB	Tobarra	3.75 18	P	Pn	03 34 46.5 +1.8	EIBI	Ibiza	5.26 40	P	Pn	03 35 06.4 +0.9	MVO	Moncorvo	6.84 334	P	Pn	03 35 28.9 +1.7	
ETOB			S	Sb	03 35 29.2 +0.6	EIBI				Sn	03 36 04.2 -1.7	MVO			S	Pn	03 36 42.3 -2.6	
ETOB	Tobarra	3.75 18	P	Pn	03 34 46.5 +1.8	EIBI	Ibiza	5.26 40	↑P	Pn	03 35 06.4 +0.9	EPOB	Poblet	7.04 26	P	Pn	03 35 31.3 +1.3	
ETOB			S	Sb	03 35 29.2 +0.6	EIBI				Sn	03 36 04.2 -1.7	EPOB			S	Pn	03 36 50.2 +0.4	
EBEN	Beniarfa	4.25 31	P	Pn	03 34 53.5 +1.8	EIBI	Ibiza	5.26 40	↑P	Pn	03 35 06.4 +0.9	EPOB	Poblet	7.04 26	P	Pn	03 35 31.3 +1.3	
EBEN			S	Sb	03 35 40.2 -0.9	EIBI				Sn	03 36 04.2 -1.7	EPOB			S	Pn	03 36 50.2 +0.4	
EBEN	Beniarfa	4.25 31	P	Pn	03 34 53.5 +1.8	EVO	Evora	5.28 312	ePn	Pn	03 35 07.8 +2.1	EPOB	Poblet	7.04 26	P	Pn	03 35 31.3 +1.3	
EBEN			S	Sb	03 35 40.2 -0.9	EVO				Sn	03 36 07.3 +1.0	EPOB			S	Pn	03 36 50.2 +0.4	
EGRO	Ei Granado	4.35 305	P	Pn	03 34 53.9 +0.9	EVO	Evora	5.28 312	ePn	Pn	03 35 07.8 +2.1	PVRL	Vila Real	7.20 331	ePn	Pn	03 35 34.1 +2.0	
EGRO			S	Sb	03 35 42.2 -1.2	EVO				Sn	03 36 07.3 +1.0	PVRL			eSn	Pn	03 36 50.7 -3.0	
EGRO	Ei Granado	4.35 305	P	Pn	03 34 53.9 +0.9	EVO	Evora	5.28 312	ePn	Pn	03 35 07.8 +2.1	PVRL	Vila Real	7.20 331	P	Pn	03 35 34.1 +2.0	
EGRO			S	Sb	03 35 42.2 -1.2	EVO				Sn	03 36 07.3 +1.0	PVRL			S	Pn	03 36 50.7 -3.0	
PVAQ	Vaqueiros	4.44 303	ePn	Pn	03 34 54.8 +0.6	EVO	Evora	5.28 312	P	Pn	03 35 07.8 +2.1	PVRL	Vila Real	7.20 331	P	Pn	03 35 34.1 +2.0	
PVAQ			eSn	Sn	03 35 45.4 -0.3	EVO				Sn	03 36 05.2 -1.1	PVRL			eSn	Pn	03 36 50.7 -3.0	
PVAQ	Vaqueiros	4.44 303	P	Pn	03 34 54.8 +0.6	EVO	Evora	5.28 312	P	Pn	03 35 07.8 +2.1	PVRL	Vila Real	7.20 331	P	Pn	03 35 34.1 +2.0	
PVAQ			S	Sb	03 35 45.4 -0.3	EVO				Sn	03 36 05.2 -1.1	PVRL			S	Pn	03 36 50.7 -3.0	
PBAR	Barrancos	4.47 315	ePn	Pn	03 34 55.4 +0.9	EVO	Evora	5.28 312	P	Pn	03 35 07.8 +2.1	PVRL	Vila Real	7.20 331	P	Pn	03 35 34.1 +2.0	
PBAR			eSn	Sn	03 35 46.9 +0.6	EVO				Sn	03 36 05.2 -1.1	PVRL			eSn	Pn	03 36 50.7 -3.0	
PBAR	Barrancos	4.47 315	P	Pn	03 34 55.4 +0.9	EVO	Evora	5.28 312	P	Pn	03 35 07.8 +2.1	PVRL	Vila Real	7.20 331	P	Pn	03 35 34.1 +2.0	
PBAR			S	Sb	03 35 46.9 +0.6	EVO				Sn	03 36 05.2 -1.1	PVRL			S	Pn	03 36 50.7 -3.0	
PBDV	Barraanco-do-Ve	4.52 300	ePn	Pn	03 34 56.1 +0.8	EUOK	Oukaimeden	5.61 228	eP	Pn	03 35 12.0 +1.5	PCAB	Cabril	7.69 331	ePn	Pn	03 35 45.7 +2.9	
PBDV			eSn	Sn	03 35 46.5 -1.1	EUOK				Sn	03 36 13.2 -0.1	PCAB			eSn	Pn	03 37 11.2 -1.6	
PBDV	Barraanco-do-Ve	4.52 300	P	Pn	03 34 56.1 +0.8	EUOK	Oukaimeden	5.61 228	P	Pn	03 35 12.0 +1.5	PCAB	Cabril	7.69 331	P	Pn	03 35 45.7 +2.9	
PBDV			S	Sb	03 35 46.5 -1.1	EUOK				Sn	03 36 13.2 -0.1	PCAB			S	Pn	03 37 11.2 -1.6	
PAB	San Pablo	4.58 347	P	Pn	03 34 58.2 +2.1	GUD	Guadarrama											

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Nan Shan, Pengchayiu, National Centre, Chiawan, Yonagunijimaku, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NPS Neapolis, NPS Lasithi, NPS Lasithi, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TYC Yuchir, IRIF Iriomote-Funau, TWF1 Yuli, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KARP Karpathos, ARG Arkhangelos, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NCU National Centre, TWD Chiawan, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WEL 05:06:19:11.0, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RTCV, ANTU, ARCO, RRTL, AAGR, CHCH, U73B, AVFE, U65B.

ISC/JB 05:06:45:21.5:1.1, 6:33S:0:09:146:1E:0:2, h100km, mb3.6/3, Error ellipse: s-maj=24.7km s-min=11.6km az=162.0

IDC 05:06:45:22.8:4.5, 6:33S:146:25E, h103km, 46km, mb3.4/4, mb1.3/5.7, mb1mx3.7/19, mbtmp3.7/7, MS2.9/1, ms1mx2.2/24, Error ellipse: s-maj=46.1km s-min=26.2km az=121.0

ISC 05:06:45:22.9:1.1, 6:33S:0:1:146:2E:0:2, h100km, n9, s104/9, mb3.8/3, Eastern New Guinea region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PMG, CTA, WRA, ASAR, STKA, JCJ, MKAR, ILAR, TORO.

IDC 05:07:20:1:1.0, 44:10N:12:37E, h0km, mb3.8/5, mb1.3/8/13, mb1mx3.7/33, mbtmp3.7/13, ML3.8/7, MS2.9/11, Ms1.2/9/11, ms1mx2.7/42, Error ellipse: s-maj=20.7km s-min=12.7km az=101.0

PDG 05:07:22:7:1.0, 44:22N:12:23E, h12km, 1km, ML3.9/10, Error ellipse: s-maj=0.7km s-min=1.0km az=0.0

GEN 05:07:23:0, 43:97N:12:18E, h11km, ML3.5, ROM 05:07:23:0, 41.44:13N:12:16E, h24km, 1km, M3.8/49, Error ellipse: s-maj=1.4km s-min=1.3km az=79.0

CSEM 05:07:23:6:0.1, 44:14N:12:17E, h20km, ML4.1/17, Error ellipse: s-maj=1.9km s-min=1.7km az=30.0

LDG 05:07:24:3:0.1, 44:16N:12:35E, h30km, M3.7/38, Error ellipse: s-maj=3.2km s-min=2.4km az=45.0

PRU 05:07:25:6, 44:21N:12:38E, h26km, ISC 05:07:23:4:0.8, 44:13N:0:02:12:14E:0:02, h26km, n388, s159/495, mb4.0/5, MS3.0/5, 34C-65D, Northern Italy

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BELLARIA, FAENZA, RSM, SFI, ASQUA, PARC, CMPO, CRE, MTRZ, SEI, BADI, FSSB, PIEI, CDCA, ATPC, FIU, ATPI, FNVD, ATVO, CAFI, ATFO, ARVD.

2010 SEP

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ARVD, ARVD, ZCCA, ZCCA, CSNT, CSNT, MURB, MURB, CRMI, CRMI, ADRI, ADRI, POPM, POPM, SNTG, SNTG, CING, CING, BDI, BDI, AOI, AOI, MAIM, MAIM, MAIM, MAIM, MGAB, MGAB, PII, PII, SARO, SARO, CESI, CESI, VLC, VLC, TEOL, TEOL, FDMO, FDMO, SACS, SACS, GRFL, GRFL, SASS, SASS, VALM, VALM, MCIV, MCIV, IESO, IESO, BACM, BACM, LATE, LATE, MARN, MARN, MARN, MARN, LNSS, LNSS, GUMA, GUMA, MTLO, MTLO, MTRV, MTRV, ROVR, ROVR, CGRP, CGRP, CGRP, CGRP, MNS, MNS, BALD, BALD, TERO, TERO, DDS, DDS, SALO, SALO, SALO, SALO, CAE, CAE, POLC, POLC, POLC, POLC, TLI, TLI, SKDS, SKDS, TRI, TRI, TRI, TRI, MAGA, MAGA, PANI, PANI, PANI, PANI, MLNI, MLNI, TOLF, TOLF, SABO, SABO, SABO, SABO, RNI, RNI, MTCE, MTCE, AGOR, AGOR, COLI, COLI, CIMO, CIMO, MPRI, MPRI, BUA, BUA, BUA, BUA, JAVS, JAVS.

5d 7h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JAVS, MABI, BAD, BAD, VINO, VINO, DRE, DRE, FUSE, FUSE, CADS, CADS, KOSI, KOSI, CSMI, CSMI, PTCC, PTCC, ZOU, ZOU, LSR, LSR, LJU, LJU, LJU, LJU, ACOM, ACOM, ABTA, ABTA, MYKA, MYKA, MOSI, MOSI, RISI, RISI, MUGIO, MUGIO, OBKA, OBKA, FETA, FETA, FETA, FETA, KBA, KBA, DAVOX, DAVOX, DAVOX, DAVOX, WITTA, WITTA, WITTA, WITTA, WATA, WATA, WATA, WATA, SOKA, SOKA, SOKA, SOKA, MOTA, MOTA, MOTA, MOTA, SBF, SBF, SBF, SBF, RETA, RETA, RETA, RETA, DAVA, DAVA, DAVA, DAVA, MS1, MS1, MBDF, MBDF, MBDF, MBDF, ARSA, ARSA, ARSA, ARSA, MOA, MOA, MOA, MOA, FRF, FRF, FRF, FRF, BEHSE, BEHSE, LPG, LPG, LPL, LPL, LPL, LPL, LMR, LMR, LMR, LMR, CDT, CDT, ORIF, ORIF, ORIF, ORIF, BAI, BAI, SG1, SG1, SMRF, SMRF, SMRF, SMRF, BRY, BRY, BRY, BRY, GERES, GERES, GERES, GERES.

Table of astronomical observations for 5d 7h, listing station names, coordinates, and observation times.

Table of astronomical observations for 2010 SEP, listing station names, coordinates, and observation times.

Table of astronomical observations for 2010 SEP, listing station names, coordinates, and observation times.

Table with columns: VVDA, comp, pmax, pmax, Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like BPBW Bear Paw Mtn, MLY Manlie, TRF Thorofore Moun, etc.

CSEM 05 10:09:29.8, 42.53N; 13.23E, h10km, ML2.0/14
ROM 05 10:09:29.8, 0.1, 42.53N; 13.23E, h10km, MI2.0/14, Error ellipse: s-maj=1.1km s-min=0.7km az=67.0, Central

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like RM29 Verrico (Monte), RM29 Verrico (Monte), SM1 SAN MARTINO, etc.

GUC 05 10:10:33.9, 0.5, 20.05S; 70.54W, h24km, 3km, ML4.0
IDC 05 10:10:38.2, 0.1, 7.89S; 70.36W, h3km, 2.4km, mb3.4/3, mb1 3.6/5, mb1mx3.4/25, mbtmp3.7/5, ML4.1/2, MS3.4/4, Ms1 3.5/4, ms1mx3.1/13, Error ellipse: s-maj=35.0km s-min=16.2km az=84.0, Central

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like PB11 IPOC Station P, PB11 IPOC Station P, MNMC Minimini, etc.

WEL 05 10:18:33.8, 0.1, 43.57S; 172.17E, h8km, ML3.5/12, 2C-3D, Error ellipse: s-maj=0.5km s-min=0.4km az=90.0, South Island

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

VIE 05 10:24:50.8, 0.2, 48.62N; 14.94E, h5km, 1km, mb2.3/8, m2.9/8, Error ellipse: s-maj=1.2km s-min=1.1km az=9.0, left 5 ems98 at Gross-Gerungs / Lower Austria

CSEM 05 10:24:50.8, 0.1, 48.66N; 14.90E, h2km, ML3.5/19, Error ellipse: s-maj=2.9km s-min=2.3km az=135.0

BGR 05 10:24:51.5, 0.2, 48.64N; 14.93E, h10km, ML2.9/19, Error ellipse: s-maj=2.2km s-min=2.2km az=141.0

BGR There are reports of objects, which toppled down, and a fissure in the plastering. PRU 05 10:24:51.9, 48.62N; 14.94E, h8km

LDG 05 10:24:51.8, 0.1, 48.70N; 14.99E, h2km, MI3.0/17, Error ellipse: s-maj=2.9km s-min=1.7km az=174.0

IPEC 05 10:24:51.5, 0.1, 48.61N; 14.95E, h1km, ML2.4/9, Error ellipse: s-maj=0.5km s-min=0.5km az=34.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Includes stations like GEC2 GERESS Array S, GEC2 GERESS Array S, MOA Mollin, etc.

5d 10h

Table with columns for station name, frequency, mode, and signal strength. Includes stations like KRUC, GOPC, PRU, WET, ARSA, etc.

2010 SEP

Table with columns for station name, frequency, mode, and signal strength. Includes stations like ABSI, Aberstueckl, LANS, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like 535A, 214A, 332A, etc.

NEIC 05 10:35:33.7-1.7, 17.92N-107.10W, h10km, mb4.1/39. Error ellipse: s-maj=24.5km s-min=10.6km az=183.0. MEX 05 10:35:43.5-0.7, 18.45N-106.74W, h5km, MD3.9. ISC 05 10:35:32.8-1.8, 17.8N-107.10W-0.09, h10km, n199, c0566/188, mb4.2/25, 1C, Off coast of Jalisco

Table with columns for Code, Station Name, Az, Az2, Phase ID, Time, Res, and ISC. Lists various stations and their characteristics.

X36A	Centrahoma	19.26	28	P	P	10 39 57.3	-0.2
Z39A	Irene McRaven,	19.26	35	P	P	10 39 57.3	-0.2
MVCO	Messa Verde	19.37	357	P	P	10 39 58.8	-0.2
MVCO	Messa Verde	19.37	357	eP	P	10 39 59.2	+0.2
GSC	Goldstone	19.45	336	P	P	10 39 59.5	-0.1
UW0A	WK&E Inc. Balk	19.50	16	P	P	10 40 00.5	+0.2
Y38A	Idabel	19.51	32	P	P	10 40 00.3	+0.1
W35A	Tecumseh	19.53	26	P	P	10 40 00.8	+0.4
SDCO	Sheep Sand Run	19.91	4	eP	P	10 40 04.1	-0.9
SHRP	Sheep Range	19.94	341	eP	P	10 40 05.1	-0.1
X38A	Whitesboro	20.05	31	P	P	10 40 06.1	-0.1
W37A	Quinton	20.15	29	P	P	10 40 07.2	0.0
MPMC	Manual Prospec	20.38	335	P	P	10 40 09.5	-0.4
PKM	Peak Mountain	20.45	329	P	P	10 40 10.2	-0.4
ISA	Isabella	20.45	333	eP	P	10 40 12.4	+1.8
FURC	Furnace Creek,	20.50	337	P	P	10 40 11.1	+0.2
W38A	Poteau	20.52	31	P	P	10 40 11.2	-0.1
PV04	Paradox Valley	20.57	356	eP	P	10 40 10.8	-1.2
MIAR	Mound Ida	20.59	33	P	P	10 40 11.8	-0.2
MIAR	Mound Ida	20.59	33	eP	P	10 40 11.6	-0.4
TUL1	Tulsa	20.63	27	P	P	10 40 11.9	-0.6
TUL1	Tulsa	20.63	27	eP	P	10 40 11.0	-1.4
TPNV	Topopah Spring	20.70	339	P	P	10 40 13.4	0.0
R27A	Eads	20.75	10	P	P	10 40 13.4	-0.4
V37A	Hulbert	20.90	28	P	P	10 40 15.0	-0.3
MSU	Marysville	21.10	349	eP	P	10 40 17.9	+0.1
T35A	Sooner Cattle	21.20	24	P	P	10 40 18.1	-0.5
V38A	Carehill	21.22	30	P	P	10 40 18.3	-0.5
U37A	Salina	21.34	27	P	P	10 40 19.7	-0.4
UALR	University of	21.42	35	eP	P	10 40 20.8	-0.1
R31A	Burdett	21.46	16	P	P	10 40 20.7	-0.6
KSCO	Kaye Shedlock	21.49	10	P	P	10 40 21.2	-0.6
T36A	Googs Farm, Ca	21.58	25	P	P	10 40 22.1	-0.5
Q28A	Sharon Springs	21.67	11	P	P	10 40 23.5	-0.2
S34A	Willow Spring	21.68	22	P	P	10 40 23.5	-0.2
U38A	Gravette	21.70	29	P	P	10 40 23.3	-0.7
R11A	Troy Canyon, C	21.77	342	P	P	10 40 24.9	0.0
R11A	Troy Canyon, C	21.77	342	eP	P	10 40 24.6	-0.3
R32A	Long Quarter,	21.81	18	P	P	10 40 25.0	-0.2
ISCO	Idaho Springs	21.95	3	P	P	10 40 26.8	-0.2
ISCO	Idaho Springs	21.95	3	eP	P	10 40 26.2	-0.7
T37A	Cheneyville 18	22.03	27	P	P	10 40 27.0	-0.5
R34A	Isabella, Hill	22.17	21	P	P	10 40 28.5	-0.5
P28A	Saint Francis	22.18	11	P	P	10 40 29.0	-0.2
O20A	White River Ci	22.27	358	P	P	10 40 30.0	-0.3
O20A	White River Ci	22.27	358	eP	P	10 40 29.4	-0.9
S37A	Fort Scott	22.61	26	P	P	10 40 33.2	-0.5
R36A	Gordon, Harris	22.82	24	P	P	10 40 35.8	-0.1
DUG	Dugway	22.85	349	P	P	10 40 36.5	+0.2
DUG	Dugway	22.85	349	eP	P	10 40 36.0	-0.3
CMB	Columbia Colle	23.27	333	eP	P	10 40 39.8	-0.8
PHWY	Pilot Hill	23.46	3	eP	P	10 40 40.6	-2.2
ELK	Elko	23.91	345	eP	P	10 40 47.5	+0.4
HWUT	Hardware Ranch	24.03	352	eP	P	10 40 48.4	+0.4
BMN	Battle Mountain	24.18	341	eP	P	10 40 49.8	+0.2
WVT	Waverly	24.98	39	eP	P	10 40 57.2	+0.6
REDW	Red Top Meadow	25.67	354	eP	P	10 41 02.9	-0.2
SNOW	Snow King Moun	25.76	354	eP	P	10 41 03.5	-0.5
TPAW	Teton Pass	25.81	354	eP	P	10 41 04.0	-0.4
LOHW	Long Hollow	25.90	354	eP	P	10 41 04.9	-0.2
I21A	Big Trails, Te	25.93	360	P	P	10 41 05.4	+0.1
I22A	9 Mile Ranch,	26.01	1	P	P	10 41 06.2	+0.1
MOOW	Moose Ponds	26.05	354	eP	P	10 41 06.0	-0.5
I20A	Worland	26.08	358	P	P	10 41 06.9	+0.2
USIN	University of	26.33	36	eP	P	10 41 09.5	+0.7
HLID	Hailey	26.41	348	P	P	10 41 09.9	+0.1
HLID	Hailey	26.41	348	eP	P	10 41 09.0	-0.7
WVOR	Wild Horse Val	26.44	341	eP	P	10 41 10.4	+0.5
MOD	Modoc	26.54	338	eP	P	10 41 13.7	+2.8
H20A	Greybull	26.61	359	P	P	10 41 11.7	+0.3
J05D	Fort Rock, OR	28.08	338	P	P	10 41 24.6	-0.2
J04D	Umpqua Nationa	28.36	337	P	P	10 41 27.0	-0.3
HRV	Holter Researc	29.09	353	eP	P	10 41 33.8	+0.2
SLMT	Seeley Lake	29.82	351	eP	P	10 41 39.9	-0.2
SWMT	Swartz Lake	30.16	351	eP	P	10 41 42.6	-0.5
EDM	Edmonton	35.68	354	eP	P	10 42 29.7	-1.4
TAOE	Nuku Hiva Isla	42.04	234	eT	T	11 28 48.5	
RKT	Rikitea	48.95	215	eT	T	11 37 43.2	
PP2T	Papeete2	54.62	232	eLR	LR	11 01 02.4	
CN2	Changchun	102.11	324	eP	Pdf	10 49 29.8	+2.0
HHC	Hu-ho-hao-te	111.48	329	ePKP	PKPKP	10 54 07.8	0.0
LZH	Lanzhou	118.32	332	ePKP	PKP	10 54 20.9	-1.4
LZH	Lanzhou	97nm,18.1s		LN			
LZH	Lanzhou	100nm,17.9s		LE			
CD2	Chengdu	123.20	328	PKP	PKP	10 54 29.9	-0.6

IDC 05 10:36:56.2,3.5,30.29S;178.59W,h0km,mb3.3/2, mb1 3.6/3,mb1mx3.4/31,mbtms3/5/3,ML3.1/1,Error ellipse: s-maj=71.8km s-min=52.5km az=93.0,
Kermadec Islands
 Code Station Name Δ° AZ $^\circ$ Op Phase ID Time Res
 URZ Urewera 8.71 203 Op ISC h m s ISC
 0.2nm,0.3s,baz=0.0,slow=12,SNR=4.4 Pn 10 40 31.9 -1.0
 URZ 0.3nm,0.3s,baz=114,slow=13,SNR=1.4 Pn 10 44 54.2 -0.2
ASAR Alice Springs 42.61 287 P
 0.1nm,0.3s,baz=10,slow=7,SNR=4.7 P 10 45 02.3 -0.1
WRA Warramunga Arr 43.59 272 P
 0.2nm,0.3s,baz=111,slow=8.2,SNR=8.2 P 10 45 02.3 -0.1
FINES FINES Array B 144.87 340 PKP
 1.1nm,0.9s,baz=71,slow=4.7,SNR=5.6 PKPbc 10 56 33.9 +0.3

BUJ 05 10:41:24.0,63.40N;145.10W,h4km,mb4.8/6,mb4.7/6, Ms4.4/3,Ms7.4/12
ISCJB 05 10:41:25.9,0.4,63.40N;0.02:145.06W;0.04,h10km,3km, mb4.0/34,MS3.2/3,Error ellipse: s-maj=3.1km s-min=2.7km az=137.6
IDC 05 10:41:25.3,0.5,63.51N;145.09W,h0km,mb4.0/20, mb1 4.1/24,mb1mx4.0/58,mbtms4.0/24,ML3.9/4,ML3.2/4, Ms1.3/24,ms1mx2.8/41,Error ellipse: s-maj=14.4km s-min=8.3km az=59.0
NEIC 05 10:41:26.2,63.35N;145.10W,h3km,mb4.3/14,MW4.1, ML4.0(AEIC),Moment Tensor Solution. s38 Moment tensor: Scale 1015Nm; Mr1.42; Mw=1.76; Mw0.34; Mo=0.09; Mo0.80; Mo=-0.96; Best double couple: M2.00000x1015 Np1.260.00000x,650.00000x, 745.00000x. NP2.137.00000x,857.00000x,130.00000x. Principal axes: T 2.0400,Plg56.0000x,Azm103.0000x; N 0.0000,Plg32.0000x,Azm292.0000x; P -2.0400,Plg4.0000x,Azm200.0000x; After AEIC.
NEIC Felt [I] at Tok. Also felt at Delta Junction, ISC 05 10:41:25.8,0.8,63.40N;0.02:145.08W;0.02,h4km,5km, m130,s15/15/143,mb4.1/34,MS3.4/3,Central Alaska

Code	Station Name	Δ°	AZ $^\circ$	Op	Phase ID	Time	Res
PS10	TAPS Pump St10	0.31	275	P	Pg	10 41 32.3	+0.5
PS10	Independ'e Rid	0.36	17	P	Pb	10 41 36.8	+0.9
PAX	Paxson	0.46	202	P	Pb	10 41 34.5	-0.4
PAX	Paxson	0.46	202	P	Sg	10 41 34.4	-0.7
DOT	Dot Lake	0.52	61	P	Pg	10 41 36.0	+0.1
DOT	Dot Lake	0.52	61	P	Sb	10 41 44.6	-0.9
PS09	TAPS Pump St9	0.62	331	P	Sb	10 41 39.2	0.0
PS09	TAPS Pump St9	0.62	331	P	Sb	10 41 49.2	+1.0
MENT	Mentasta	0.77	126	eSg	Sg	10 41 50.1	-0.5
MENT	Mentasta	0.77	126	eSg	Sg	10 41 50.3	-0.2
HARP	HAARP	0.99	182	P	Pg	10 41 44.0	-0.9
DHY	Denali Highway	1.09	254	P	Pg	10 41 45.1	-1.5
HDA	Harding Lake	1.31	322	P	Pg	10 41 50.1	-0.7
PS11	TAPS Pump St11	1.33	168	S	Sg	10 41 50.0	-1.2
PS11	TAPS Pump St11	1.33	168	S	Sg	10 42 08.2	-0.5
PS08	TAPS Pump St8	1.38	327	S	Sn	10 41 51.1	-0.7
PS08	TAPS Pump St8	1.38	327	S	Sn	10 42 11.3	+0.8
BCA3	Beaver Creek A	1.53	101	P	Pn	10 41 52.9	-1.1
WASW	Wrangell Soun	1.53	164	P	Pn	10 41 52.6	-1.6
ILAR	Eielson Array	1.59	333	Pg	Pn	10 41 53.8	-1.0
ILAR	Eielson Array	1.59	333	Pg	Lg	10 42 16.7	
ILAR	Eielson Array	1.59	333	LR	LR	10 42 33.1	
ILB	Eielson Array	1.59	331	P	Pn	10 41 54.5	-0.3
WRH	Wood River Hill	1.71	310	P	Sg	10 41 56.0	-0.4
WRH	Wood River Hill	1.71	310	P	Sg	10 42 21.3	+0.5
CCB	Clear Creek Bu	1.75	318	P	Pn	10 41 57.1	+0.4
CMCK	Chickadee	1.76	283	P	Pb	10 41 55.5	+0.8
SCM	Sheep Creek Mo	1.88	214	P	Pn	10 41 58.7	-0.1
COLA	College	1.92	322	P	Pn	10 41 59.6	+0.4
KLU	Klutina	1.95	192	P	Pn	10 41 59.5	-0.3
GLB	Gilghina Butte	2.05	163	P	Pn	10 42 00.7	-0.4
BWN	Brown	2.10	206	P	Pn	10 42 00.6	-1.1
NEA	Nearctic	2.12	306	P	Pn	10 42 01.1	-0.5
SML	Sawmill	2.19	225	P	Pn	10 42 02.9	-0.2
EGAK	Eagle	2.21	49	P	Pb	10 42 05.0	-1.4
MCARA	McCarthy VSAT	2.24	154	P	Pn	10 42 03.9	+0.3
DIV	Divide	2.24	188	P	Pn	10 42 04.3	-0.2
VRDI	Verde Repeater	2.31	160	P	Pn	10 42 05.6	-1.8
TRF	Thorofare Moun	2.34	274	P	Pn	10 42 06.4	+1.2
VLZ	Valdez	2.35	195	P	Pn	10 42 05.0	-0.0
BMRM	Bremner River	2.45	175	P	Pn	10 42 06.3	-0.3
JPK	Jack Peak	2.46	197	P	Pn	10 42 06.5	-0.2
PTPK	Patty Peak	2.53	150	P	Pn	10 42 08.8	+0.9
TRAP	Trapper Creek	2.59	248	P	Pn	10 42 09.8	+0.4
PMR	Palmer	2.61	228	P	Pn	10 42 09.1	+0.4
DAWY	Dawson	2.62	73	P	Pn	10 42 09.2	+0.3
BALM	Baldy	2.69	150	P	Pn	10 42 11.0	+1.0
GLI	Glacier Island	2.70	201	P	Pn	10 42 10.7	+0.7
SPAW	Spear Pt Mtn.	2.72	241	P	Pn	10 42 11.1	+0.4
FKO	Port Fidalgo	2.73	185	P	Pn	10 42 12.0	+1.5
KIAG	Kiagna River	2.79	152	P	Pn	10 42 12.5	+1.1
BARN	Barnard Glacier	2.84	144	P	Pn	10 42 13.6	+1.5
EYAK	Cordova Ski Ar	2.88	187	P	Pn	10 42 13.5	+1.2
SGAM	Sherman Glacier	2.91	181	P	Pn	10 42 13.4	+0.5
MLY	Millard	2.92	206	P	Pn	10 42 13.9	+0.1
PWL	Port Wells	2.97	212	P	Pn	10 42 14.7	+1.0
CTGM	Chitina Glacie	3.01	143	P	Pn	10 42 15.1	+0.7
BERG	Ragged Mountai	3.03	176	P	Pn	10 42 15.8	+1.3
BERG	Berg Lake	3.08	167	P	Pn	10 42 16.4	+1.2
HIN	Hinchinbrook I	3.08	193	P	Pn	10 42 15.6	+0.3
RC01	Rabbit Creek A	3.18	225	P	Pn	10 42 16.1	+1.4
LOGN	Lynch Glacier	3.22	142	P	Pn	10 42 18.5	+1.3
GRIN	Grindle Hills	3.24	164	P	Pn	10 42 17.3	0.0
BAGL	Bagley Icefiel	3.24	153	P	Pn	10 42 18.7	+1.3
PPLA	Purkeyville	3.26	264	P	Pn	10 42 19.6	+1.8
YAH	Yukon	3.43	151	P	Pn	10 42 21.1	+0.9
TABL	Table Mountain	3.50	146	P	Pn	10 42 21.7	+0.5
STLK	Strandline Lak	3.67	242	P	Pn	10	

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like McQueen's Vall, Oxford, Lake Taylor, Rata Peaks, Waitaha Valley, Kahutara, Lake Benmore, Tophouse, Denniston Nort, Otahua Downs, Fox Glacier, Blackbirch Sta, Nelson, Earnsclough, Tuapeka.

NSCC 05 11:04:34.4:1.4, 33:76N-35:68E, h0km,5km, MD1.2, ML 1.6
ISCCB 05 11:04:35.1:0.5, 33:77N:03:35:71E:0.06, h3km,7km,
Error ellipse: s-maj=9.0km s-min=3.6km az=158.0
CSEM 05 11:04:35.4:33:79N:35:77E, h0km, ML2.7
GRAL 05 11:04:35.4:0.3, 33:79N-35:77E, h0km,18km, MD2.7
ISC 05 11:04:35.3:1.2, 33:78N:02:35:76E:0.03, h0km,12km,
n18, c052/30, Jordan - Syria region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Bhannes, Deir Qamar, Rachaya, Barbar, Hawqa, Albida, Roos, Sala, Zalf, Wardah, Kasperske Hory, Moravsky, GO Pecny, Vranov, Pruhonice, Prague, KBA.

CSEM 05 11:15:00.9:0.3, 48:61N:14:94E, h2km, ML2.6/8, Error
ellipse: s-maj=5.4km s-min=4.1km az=134.0
IPEC 05 11:15:01.7:0.1, 48:59N:14:94E, h0km, ML1.3/7, Error
ellipse: s-maj=1.2km s-min=0.8km az=18.0
VIE 05 11:15:01.1:0.2, 48:58N:14:88E, h5km, mb1.1/1, m1.8/3,
Error ellipse: s-maj=2.3km s-min=1.5km az=142.0
PRU 05 11:15:02.7, 48:64N:14:94E, h0km
ISC 05 11:15:01.1:0.3, 48:59N:03:14:89E:0.03, h2km,12km,
n21, c069/37, CA, Austria

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Mollin, Kasperske Hory, Moravsky, GO Pecny, Vranov, Pruhonice, Prague, KBA.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Kraliky, Dobruska-Polom, Ujice, Moravsky Berou, Novy Kostel, Ostrava-Krasne.

WEL 05 11:15:08.5:0.1, 43:59S:172:32E, h8km, ML3.5/13, 3C-3D,
Error ellipse: s-maj=0.5km s-min=0.4km az=90.0, South
Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Canterbury Las, McQueen's Vall, Oxford, Lake Taylor, Rata Peaks, Waitaha Valley, Kahutara, Lake Benmore, Tophouse, Denniston Nort, Otahua Downs, Fox Glacier, Blackbirch Sta, Nelson, Wanaaka, Earnsclough, Tuapeka.

ISCJB 05 11:18:43.5:0.6, 40:44N:0:04:21:88E:0.04, h10km,6km,
Error ellipse: s-maj=7.0km s-min=4.6km az=32.7
CSEM 05 11:18:43.6:0.2, 40:43N:21:87E, h10km, MD3.1, Error
ellipse: s-maj=5.6km s-min=3.4km az=24.0
ATH 05 11:18:44.0, 40:41N:21:87E, h0km,3km, MD3.1/6
THE 05 11:18:44.3, 40:42N:21:85E, h0km,1km, ML1.7/5, Error
ellipse: s-maj=1.9km s-min=0.4km az=41.0
ISC 05 11:18:44.1:1.1, 40:42N:0:03:21:88E:0.03, h6km,12km,
n19, c0842/34, Greece

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Kozani, Kozani, Florina, Litokhoron, Nestorio, Klokotos Trika, Klokotos Trika, Klokotos Trika, Klokotos Trika, Kendrickron, Polygyros.

IDC 05 11:45:29.7:6.0, 32:05S:179:93E, h263km,45km, mb3.6/3,
mb1.3/6.4, mb1mx3.3/23, mbtmpr4.2/4, Error ellipse:
s-maj=58.1km s-min=20.7km az=7.0
ISC 05 11:45:40.1, 1.6, 32:85S:179:3E:0.2, h350km, n21,
c1866/28, mb3.9, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Matakaoa Point, Waioamatini S, Puketiti, Matawai, Urewera, Urewera, Carnagh Statio, Kokoahu, Aropoanui, Cape Wainapper, Black Hill Sta, Kereru, Kaharanaki, Pawanui, Nelson, Tophouse.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Alice Springs, Warranga Arr, QSPA, FINES.

WEL 05 11:59:20.9:0.1, 43:60S:172:29E, h9km, ML3.6/14, 3C-3D,
Error ellipse: s-maj=0.5km s-min=0.5km az=90.0, South
Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Canterbury Las, McQueen's Vall, Oxford, Lake Taylor, Rata Peaks, Waitaha Valley, Kahutara, Lake Benmore, Otahua Downs, Denniston Nort, Fox Glacier, Tophouse, Blackbirch Sta, Nelson, Wanaaka, Tary Channel, Tuapeka, Cannon Point.

ISK 05 12:01:12.5, 37:25N:28:18E, h5km, MD2.6
ISCCB 05 12:01:13.6:0.7, 37:25N:0:04:28:24E:0.06, h0km, Error
ellipse: s-maj=8.2km s-min=4.0km az=140.2
CSEM 05 12:01:13.9:0.4, 37:26N:28:26E, h2km, MD2.6, Error
ellipse: s-maj=11.2km s-min=5.8km az=52.0, Mining
explosion.
DDA 05 12:01:13.1, 37:23N:28:24E, h7km, MD2.6
ISC 05 12:01:13.8:1.1, 37:24N:0:03:28:25E:0.04, h0km, n14,
c0549/22, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Yerkesik, Turunc, Tasuluk, Tasuluk, Dalyan (Mu'la), Dalyan (Mu'la), Kayabasi, Kayabasi, Zeytinokoy-Aydi, Zeytinokoy-Aydi, Bodrum, Bodrum.

IDC 05 12:15:42.1:2.5, 54:17N:86:33E, h0km, mb1.2/7.2,
mb1mx2.7/5, mbtmpr2.7/2, ML2.6/2, Error ellipse:
s-maj=19.7km s-min=12.5km az=56.0, Southwestern
Siberia

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

IDC 05 12:15:52.9:1.4, 7:72N:127:43E, h0km, mb3.4/5,
mb1.3/6.5, mb1mx3.4/50, mbtmpr3.4/5, Error ellipse:
s-maj=32.1km s-min=22.5km az=63.0
ISCCB 05 12:15:56.6:1.0, 7:64N:0:09:127:52E:0.06, h41km,
mb3.3/5, Error ellipse: s-maj=13.0km s-min=8.7km
az=17.2

ISC 05 12:15:58.9:1.3, 7:6N:0:1:127:46E:0.1, h41km, n8.5,
c1801/11, mb3.4/5, 2C, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Bislig, Davao City (W), Davao City (W), Davao City (W), Fitzroy Crossi, Warranga Arr, Alice Springs, MKAR, Kurbb.

ISCJB 05 12:16:33.7:0.5, 43:67S:0:04:172:62E:0.05, h21km,3km,
mb3.5/2, Error ellipse: s-maj=7.7km s-min=4.4km az=44.0
IDC 05 12:16:34.3:2.3, 43:33S:172:44E, h0km, mb3.5/2,
mb1.3/8.2, mb1mx3.5/30, mbtmpr3.5/2, MS3.1/1, Ms1.3/1/1,
ms1mx2.5/13, Error ellipse: s-maj=54.3km s-min=16.7km
az=151.0
NEIC 05 12:16:34.9, 43:61S:172:46E, h2km, ML4.2(WEL), After
WEL.
NEIC Felt [IV] at Hallswell. Felt in the Christchurch area.

Table of satellite data for stations 5d 12h, including columns for station name, coordinates, and various parameters.

Table of satellite data for stations 2010 SEP, including columns for station name, coordinates, and various parameters.

Table of satellite data for stations 238, including columns for station name, coordinates, and various parameters.

ISCJB 05 12:29:59.8, 0.39, 94N, 0.003, -27.34E, 0.04, h5km, 5km, Error ellipse: s-maj=5.5km, s-min=3.7km, az=148.9

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h, s, ISC, containing data for various stations like Balya, Balikesir, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like OGWZ Otaki Gorge, TLZ Tolley Road, MRZ Mangatoinoka R, etc.

CSEEM 05 13:40:35.3, 12.17N, 44.32E, h9km, ML3.7

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes stations like ADEN Aden, TRBA At Turbah, UDYUN Al Udayn, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like BDHA comp=E,675nm,0.6s, BDHA Al Bayda', etc.

IDC 05 14:12:24.8:3.5,5,71S:147'65E,h0km,mb3.9/2,

mb1 4.0/4,mb1mx3.5/22,mbtmp3.9/4,ML3.2/2,MS2.6/1, MS1 2.5/1,ms1mx2.1/22, Error ellipse: s-maj=77.2km

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes stations like PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 05 15:08:45.6,39'75N:29'21E,h5km,MD2.6

ISCJB 05 15:08:49.0,5,39'89N:0'03.29,18E:0'05,h0km, Error ellipse: s-maj=5.5km s-min=3.2km az=21.7

DDA 05 15:08:49.0,39'89N:29'18E,h7km,MD2.8

CSEIM 05 15:08:49.0,0.1,39'91N:29'18E,h2km,MD2.8, Error ellipse: s-maj=2.8km s-min=1.8km az=110.0, Mining explosion.

ISC 05 15:08:49.2,0.8,39'89N:0'02.29,17E:0'03,h0km,n23,

0'68/38, Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes stations like ULDT Uludag, ORLT Orhaneli, DURS Dursunbey, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like GNL Ganaly, RUS Ruskaya, PETK Petropavlovsk, etc.

WEL 05 15:18:57.3:0.1,43'62S:172'40E,h5km,ML3.1/7,1C-2D,

Island Error ellipse: s-maj=0.4km s-min=0.4km az=90.0, South Island

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes stations like CRLZ Canterbury Las, MOZ McQueen's Vall, OXF Oxford, etc.

WEL 05 15:19:35.7:0.1,43'61S:172'16E,h9km,ML3.7/15,2C-3D,

Island Error ellipse: s-maj=0.5km s-min=0.5km az=90.0, South Island

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Residual. Includes stations like OXF Oxford, CRLZ Canterbury Las, RATA Rata Peaks, etc.

Table with columns: THZ, Tophouse, 1.92 17 ePN, Pn, 15 20 06.5 -2.2, etc.

IDC 05 15:31:01.5-5.4, 6.45S:127.58E, h364km, 4.1km, mb2.9/2, mb1 3.1/5, mb1mx2.7/32, mbtmp3=17.0, Error ellipse: s-maj=70.6km s-min=35.2km az=17.0, Banda Sea

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

IDC 05 15:33:20.9-1.7, 17.82S:178.67W, h525km, 2.0km, mb3.3/11, mb1 3.5/13, mb1mx3.2/38, mbtmp4.2/13, Error ellipse: s-maj=22.8km s-min=12.8km az=149.0, ISCBJ 05 15:33:21.7-0.6, 17.8S:0.1x:18.7W:0.1, h550km, mb3.8/12, Error ellipse: s-maj=20.7km s-min=10.1km az=143.7

AUST 05 15:33:23.9-0.0, 17.65S:178.50W, h580km, 1km, Error ellipse: s-maj=3.2km s-min=2.4km az=277.0, ISC 05 15:33:22.0-0.6, 17.9S:0.2x:17.6W:0.1, h550km, n36, az=89.36, mb3.7/12, Fiji Islands region

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

ISK 05 15:33:38.6, 37.25N:28.19E, h8km, MD2.5 ISCBJ 05 15:33:39.5-0.5, 37.22N:0.04-28.16E:0.04, h0km, Error ellipse: s-maj=6.9km s-min=3.3km az=35.2 DDA 05 15:33:39.5, 37.24N:28.16E, h10km, MD2.9 CSEM 05 15:33:39.6-0.2, 37.22N:28.17E, h2km, MD2.5, Error ellipse: s-maj=7.8km s-min=4.0km az=33.0, Mining explosion. ISC 05 15:33:39.5-0.9, 37.25N:0.03:28.15E:0.03, h0km, n22, az=108/34, Turkey

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

Table with columns: GOLH, Golhisar, 1.12 90 /S, Sn, 15 34 21.4 +2.5, etc.

DJA 05 15:36:43.8-1.2, 2.5S:4.12E, h12km, 6.8km, M3.5/8, MLV3.5/8, Sulawesi

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

KRNET 05 15:39:16.8-0.1, 39.02N:75.44E, mb2.7, NNC 05 15:39:17.5-8.8, 40.10N:77.65E, h0km, mb3.4, mpv3.0, Error ellipse: s-maj=117.6km s-min=63.0km az=36.0, ISC 05 15:39:13.9-3.4, 39.00N:0.27:75.6E:0.1, h10km, n8, az=146/14, 9C-4D, Southern Xinjiang

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

IDC 05 15:44:57.6-1.4, 6.75N:73.07W, h157km, 15km, mb3.2/3, mb1 3.7/6, mb1mx3.3/27, mbtmp3.9/6, Error ellipse: s-maj=31.8km s-min=17.6km az=131.0, ISCBJ 05 15:44:59.8-0.8, 6.725N:0.07:72.95W:0.05, h166km, mb3.4/3, Error ellipse: s-maj=10.1km s-min=7.5km az=166.8

FUNV 05 15:44:59.8, 7.04N:73.04W, h166km, MW3.8 ISC 05 15:44:59.5-1.1, 7.15N:0.09:72.94W:0.07, h166km, n25, az=127/33, mb3.3/3, 2C, Northern Colombia

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

ISC 05 15:46:31.0-1.1, 51.47N:0.05:16.00E:0.05, h0km, Error ellipse: s-maj=7.4km s-min=3.6km az=24.1, CSEM 05 15:46:31.6-0.6, 51.51N:16.01E, h2km, ML2.6/6, Error ellipse: s-maj=9.4km s-min=5.4km az=11.0, PRU 05 15:46:32.7, 51.49N:16.04E, h0km, ISC 05 15:46:32.2, 1.6, 51.50N:0.07:16.04E:0.04, h0km, n22, az=08/40, Poland

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

Table with columns: KRLO, Kraliky, 1.50 162 Pg, Pn, 15 47 00.5 -0.6, etc.

IDC 05 15:46:48.2-64.0, 23.37S:173.93W, h0km, mb3.9/3, mb1 4.1/3, mb1mx3.6/30, mbtmp3.9/3, Error ellipse: s-maj=1220.0km s-min=202.5km az=89.0, Tonga Islands region

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

ISCBJ 05 16:01:09.7-0.5, 32.19N:0.02:115.24W:0.02, h5km, 4.4km, Error ellipse: s-maj=4.1km s-min=3.4km az=2.1, NEIC 05 16:01:12.3, 32.18N:115.27W, h7km, ML3.7(PAS), ML3.8(ECC), After ECX, ECX 05 16:01:12.3-0.4, 32.18N:115.26W, h7km, MD3.6, ML3.8, After ECX, After ECX, NPI=0.00000, 890.00000, ISC 05 16:01:10.4-1.1, 32.17N:0.03:115.26W:0.02, h9km, 10km, n41, 11:02:57, 4C-8D, California-Baja California border region

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

IDC 05 16:01:09.7-0.5, 32.19N:0.02:115.24W:0.02, h5km, 4.4km, Error ellipse: s-maj=4.1km s-min=3.4km az=2.1, NEIC 05 16:01:12.3, 32.18N:115.27W, h7km, ML3.7(PAS), ML3.8(ECC), After ECX, ECX 05 16:01:12.3-0.4, 32.18N:115.26W, h7km, MD3.6, ML3.8, After ECX, After ECX, NPI=0.00000, 890.00000, ISC 05 16:01:10.4-1.1, 32.17N:0.03:115.26W:0.02, h9km, 10km, n41, 11:02:57, 4C-8D, California-Baja California border region

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

332A	baz=59,SNR=9.8	58.94	328	P	P	16 16 16.3	+0.1
233A	Millersville	59.04	329	P	P	16 16 17.1	+0.2
134A	White-Moore Ra	59.10	330	P	P	16 16 17.5	+0.2
Y37A	Hugo	59.18	333	P	P	16 16 18.7	+0.9
331A	San Angelo	59.23	327	P	P	16 16 18.2	0.0
430A	Baggett Ranch	59.23	326	P	P	16 16 18.3	0.0
529A	Stev Fort Rio	59.23	325	P	P	16 16 18.7	+0.4
232A	Coleman	59.30	328	P	P	16 16 18.8	+0.1
Z35A	Perchaven, San	59.35	331	P	P	16 16 19.4	+0.4
MVL	Millersville	59.41	352	eP	P	16 16 19.1	-0.1
TXAR	Lajitas Array	59.42	323	P	P	16 16 19.6	-0.1
TXAR	comp=E,3.0nm,0.5s,slow=8.4,SNR=84					16 17 06.6	+1.2
TXAR	comp=E,0.9nm,0.6s,slow=15.3,slow=8.4,SNR=3.6					16 16 19.4	-0.3
TX31	Lajitas Ar. Si	59.42	323	eP	P	16 16 20.1	+0.6
X36A	Whitesboro	59.44	334	P	P	16 16 20.0	+0.2
429A	Davenport Ranch	59.45	326	P	P	16 16 20.0	+0.2
133A	Hamilton Ranch	59.53	329	P	P	16 16 20.5	+0.3
X37A	Clayton	59.60	334	P	P	16 16 21.4	+0.7
PBMO	Poplar Bluff	59.65	339	eP	P	16 16 19.4	-1.5
W38A	Poteau	59.66	335	P	P	16 16 21.6	+0.6
231A	Bronte	59.67	328	P	P	16 16 20.9	-0.4
330A	Mertzton	59.69	327	P	P	16 16 21.1	-0.3
Z34A	Collier Ranch	59.69	331	P	P	16 16 21.6	+0.3
WCI	Wyandotte Cave	59.71	343	eP	P	16 16 19.1	-2.3
Y35A	Marietta	59.74	332	P	P	16 16 22.6	+1.0
ABTX	Ablene, Hawle	59.90	329	P	P	16 16 22.9	+0.1
ABTX	Ablene, Hawle	59.90	329	eP	P	16 16 22.6	-0.1
X36A	Centrahoma	60.00	333	P	P	16 16 23.3	-0.1
Z33A	Whitaker Ranch	60.02	330	P	P	16 16 23.9	+0.4
230A	Sterling City	60.04	327	P	P	16 16 23.6	-0.2
W37A	Quinton	60.09	334	P	P	16 16 24.5	+0.4
SIUC	Southern Illin	60.10	340	eP	P	16 16 23.1	-0.9
Y34A	Reagan Ranch	60.11	331	P	P	16 16 24.4	+0.2
X35A	Drake	60.13	332	P	P	16 16 24.1	-0.1
329A	Wagon Wheel Ra	60.17	326	P	P	16 16 24.6	-0.1
131A	Roby	60.30	328	P	P	16 16 26.0	+0.4
V38A	Canehill	60.30	335	P	P	16 16 25.1	-0.4
Z32A	Haskell	60.37	329	P	P	16 16 25.3	+0.3
W36A	Wetumka	60.43	333	P	P	16 16 25.9	-0.4
229A	Bryant Ranch	60.46	327	P	P	16 16 26.5	-0.2
130A	Snyder	60.53	328	P	P	16 16 27.2	+0.1
Y33A	Hilltop Ranch	60.55	331	P	P	16 16 27.7	+0.6
V37A	Hulbert	60.62	335	P	P	16 16 27.7	+0.2
BLO	Bloomington	60.65	343	eP	P	16 16 25.7	-2.0
X34A	Smith Ranch, M	60.68	332	P	P	16 16 28.5	+0.5
Z31A	Sharp Cattle R	60.70	329	P	P	16 16 28.3	+0.1
W35A	Tecumseh	60.72	333	P	P	16 16 28.0	-0.3
ACSO	Alum Creek Sta	60.79	347	eP	P	16 16 27.0	-1.6
U38A	Gravette	60.80	335	P	P	16 16 29.4	+0.6
V36A	Jenks	60.86	334	P	P	16 16 29.3	+0.1
BRYW	Bryant College	60.87	357	eP	P	16 16 28.8	-0.8
TUL1	Tulsa	60.91	334	P	P	16 16 29.6	0.0
TUL1	Tulsa	60.91	334	eP	P	16 16 29.2	-0.3
Y32A	R-V Farms, Ver	60.93	330	P	P	16 16 30.2	+0.5
228A	UT Block 9, Go	60.99	326	P	P	16 16 29.9	-0.4
129A	Stewart Farms,	61.02	327	P	P	16 16 30.4	0.0
U37A	Salina	61.06	335	P	P	16 16 30.6	0.0
Z30A	Sanderson Ranch	61.16	328	P	P	16 16 31.4	0.0
V35A	Meyer Ranch, C	61.22	333	P	P	16 16 31.8	+0.1
WMOK	Wichita Moun	61.22	331	eP	P	16 16 30.9	-0.8
Y31A	Rieketa Farm,	61.28	329	P	P	16 16 32.4	+0.3
U36A	Oologah	61.30	334	P	P	16 16 32.2	+0.1
128A	Castleberry Fa	61.33	327	P	P	16 16 32.3	-0.2
W33A	Caddo, Fort Co	61.42	331	P	P	16 16 33.7	+0.7
Z29A	Hungry Hill Ra	61.43	328	P	P	16 16 33.1	-0.1
V34A	Guthrie	61.58	333	P	P	16 16 33.8	-0.2
V34A	Guthrie	61.58	333	eP	P	16 16 33.9	-0.1
T37A	Cheneyville 18	61.60	335	P	P	16 16 34.0	-0.2
U35A	Pawnee	61.69	334	P	P	16 16 35.0	+0.2
X31A	McDonald Ranch	61.69	330	P	P	16 16 34.9	0.0
W32A	Sentinel	61.76	331	P	P	16 16 35.4	+0.2
Z28A	Tucker Farm, M	61.80	327	P	P	16 16 35.1	-0.6
TRY	Troy	61.83	355	eP	P	16 16 35.6	+0.1
Y29A	Porterfield Fa	61.89	328	P	P	16 16 36.0	-0.3
V33A	Lossen Ranch,	61.90	332	P	P	16 16 36.5	+0.3
T36A	Boogs Farm, Ca	61.93	335	P	P	16 16 36.7	+0.4
SFIN	Scholer Farm	61.94	343	P	P	16 16 34.7	-1.6
SFIN	Scholer Farm	61.94	343	eP	P	16 16 34.0	-2.3
X30A	Coker Ranch, T	61.97	329	P	P	16 16 36.6	-0.1
GDL2	Guadalupe Moun	62.00	325	eP	P	16 16 37.1	+0.1
T35A	Sooner Cattle	62.07	334	P	P	16 16 37.5	+0.3
U34A	Anderson Ranch	62.09	333	P	P	16 16 37.6	+0.1
U34A	Anderson Ranch	62.09	333	eP	P	16 16 36.6	-0.8
VNA1	Neumayer-Stat	62.10	161	P	P	16 16 38.3	+1.3
S37A	Fort Scott	62.12	336	P	P	16 16 37.4	-0.2
W31A	Holland Ranch,	62.13	330	P	P	16 16 38.2	+0.4
V32A	Arapaho	62.16	331	P	P	16 16 38.7	+0.8
MNTX	Cornudas Mount	62.18	324	P	P	16 16 37.5	-0.7
MNTX	Cornudas Mount	62.18	324	eP	P	16 16 37.4	-0.7
Y28A	McKinney Farm,	62.22	328	P	P	16 16 38.0	-0.5
MMNV	Mt. Morris Dam	62.30	351	eP	P	16 16 38.2	-0.5
S36A	Lake Cedric, C	62.39	335	P	P	16 16 39.5	+0.1
T34A	McKinley Farm	62.44	334	P	P	16 16 40.0	+0.3
VNA2	Neumayer-Watz	62.47	161	P	P	16 16 40.4	+0.9
MSTX	Muleshoe	62.54	327	P	P	16 16 40.4	-0.2
MSTX	Muleshoe	62.54	327	eP	P	16 16 39.8	-0.8
V31A	Spring Creek L	62.57	331	P	P	16 16 41.3	+0.6
R37A	Teagarden Farm	62.60	336	P	P	16 16 40.4	-0.4
S35A	Otter Creek Ra	62.64	335	P	P	16 16 41.5	+0.4
R36A	Gordon, Harris	62.87	336	P	P	16 16 42.4	-0.1
W29A	Amraillo	62.89	329	P	P	16 16 42.6	-0.2
T33A	Paterson Ranc	62.94	333	P	P	16 16 43.7	+0.7
Q37A	Longview Farm,	62.95	337	P	P	16 16 42.7	-0.4
S34A	Willow Spring	62.98	334	P	P	16 16 43.4	+0.1
MDV	Middlebury	63.05	356	eP	P	16 16 43.1	-0.5
NCB	Newcomb	63.11	335	eP	P	16 16 43.7	-0.4
R35A	Empire Muncie	63.15	335	P	P	16 16 44.5	+0.1
Q36A	Arnold, C. Orve	63.41	336	P	P	16 16 46.3	+0.2
Q35A	Mercer Eighty,	63.55	336	P	P	16 16 46.8	-0.2
MVCO	Isabella, Hill	63.55	334	P	P	16 16 47.3	+0.2
T31A	Randall Ranch,	63.58	332	P	P	16 16 47.7	+0.4
V28A	Channing	63.68	329	P	P	16 16 48.4	+0.3
S32A	Newby Ranch, P	63.76	333	P	P	16 16 49.0	+0.5
LONY	Lake Ozonia	63.78	354	P	P	16 16 48.0	-0.5
R33A	Olander Ranch,	63.86	334	P	P	16 16 49.3	+0.2
P36A	Good Intent, A	63.89	337	P	P	16 16 48.7	-0.5
Q34A	Chapman	63.96	335	P	P	16 16 49.5	-0.2
KSU1	Kansas State U	63.98	335	P	P	16 16 49.4	-0.4
KSU1	Kansas State U	63.98	335	eP	P	16 16 48.8	-1.0
V27A	Dan Oppiter Fa	63.98	329	P	P	16 16 50.5	+0.5
SNA4	Sanae	64.11	161	P	P	16 16 51.1	+0.8
SNA4	Sanae	64.11	161	eP	P	16 16 50.1	-0.2
P35A	Duane Minner,	64.12	336	P	P	16 16 50.5	-0.3
121A	Cookes Peak, D	64.15	323	P	P	16 16 52.4	+1.0
121A	Cookes Peak, D	64.15	323	eP	P	16 16 51.1	-0.2
U28A	Mallet	64.18	329	P	P	16 16 51.2	-0.2
Q36A	Bolckow	64.24	337	P	P	16 16 50.8	-0.8
R32A	Long Quarter	64.27	333	P	P	16 16 52.0	+0.3
Q33A	Connelly Farm,	64.39	334	P	P	16 16 52.7	+0.3
P34A	Walnut Farm, R	64.45	335	P	P	16 16 52.6	-0.2
U27A	Thompson Grove	64.50	329	P	P	16 16 53.4	-0.1
R31A	Burdett	64.50	333	P	P	16 16 53.5	+0.2
S29A	Ulysses	64.66	331	P	P	16 16 54.8	+0.4
Q32A	Meitler Ranch,	64.68	334	P	P	16 16 54.5	+0.1
P33A	Williams Farm,	64.70	335	P	P	16 16 54.4	-0.1
BNM	Barren Site	64.71	325	eP	P	16 16 55.9	+0.9
T28A	Walsh	64.72	330	P	P	16 16 54.9	+0.1
LPM	Los Pinos Moun	64.83	325	eP	P	16 16 56.5	+0.9
Q34A	Beatrice	64.94	336	P	P	16 16 55.7	-0.4
T27A	Campo	64.97	330	P	P	16 16 56.4	0.0
S28A	Manter	65.00	330	P	P	16 16 56.8	+0.2
CBKS	Cedar Bluff	65.03	333	P	P	16 16 57.1	+0.4
Q31A	Ellis	65.05	333	P	P	16 16 57.3	+0.5
N35A	Tabor	65.13	337	P	P	16 16 56.3	-1.0
JFWS	Jewell Farm	65.17	342	eP	P	16 16 56.0	-1.5
LAZ	Ladron	65.18	325	P	P	16 16 59.2	+1.3
SCIA	State Center	65.20	339	eP	P	16 16 56.2	-1.4
Q33A	Hebron	65.20	335	P	P	16 16 57.2	-0.5
ANMO	Albuquerque	65.					

Table of astronomical observations for 5d 16h, listing station names, object names, magnitudes, and other parameters.

Table of astronomical observations for 2010 SEP, listing station names, object names, magnitudes, and other parameters.

Table of astronomical observations for 244, listing station names, object names, magnitudes, and other parameters.

NEIC 05 16:10:09.7, 43°52'S, 172°35'E, h11km, ML4.0(WEL), After WEL. NEIC Felt in the Christchurch area. WEL 05 16:10:06.5, 0.1, 43°55'S, 172°30'E, h4km, ML3.6/10, 1C-4D, Error ellipse: s-maj=0.5km s-min=0.5km az=90.0, South Island

WEL 05 16:10:53.6, 0.1, 43°28'S, 171°95'E, h8km, ML3.8/11, 1C-3D, Error ellipse: s-maj=0.6km s-min=0.4km az=90.0, South Island. WEL 05 16:11:15.1, 0.1, 43°28'S, 171°95'E, h6km, ML3.3/5, 1C, Error ellipse: s-maj=1.0km s-min=0.5km az=90.0, South Island.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Lake Taylor, Canterbury Las, McQueen's Vall, Oxford, Lake Taylor, Rata Peaks, Waitaha Valley, Kahutara.

WEL 05 16:11:44.1±0.1, 43°30'S x 172°29'E, h12km, ML2.9/5, 1D, Error ellipse: s-maj=0.9km 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, Rata Peaks, Waitaha Valley, Kahutara.

WEL 05 16:12:21.1±0.2, 43°31'S x 172°33'E, h5km, ML2.6/4, Error ellipse: s-maj=1.6km s-min=1.4km az=0.0, 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, Kahutara.

WEL 05 16:12:54.6±0.1, 43°35'S x 172°38'E, h10km, ML3.3/8, 1C-3D, Error ellipse: s-maj=0.6km 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, Kahutara, Denniston Nort, Fox Glacier, Blackbirch Sta.

NSCC 05 16:13:44.3±2.2, 33°88'N x 35°44'E, h31km, gkm, MD1.0, ML1.7

ISCJB 05 16:13:45.7±1.1, 33°88'N x 0°03:35:55E±0.09, h3km±8km, Error ellipse: s-maj=13.1km s-min=5.4km az=178.1

GRAL 05 16:13:50.2±0.3, 33°79'N x 35°78'E, h2km±9km, MD2.8

CSEM 05 16:13:50.2, 33°79'N x 35°78'E, h2km, ML2.8

ISC 05 16:13:47.2±1.0, 33°83'N x 0°03:35:59E±0.05, h28km±6km, n18, r121/31, Jordan - Syria region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Bhanes, Deir Qamar, Beirut, Rachaya, Barbar, Hawqa, TOTAH, Talchebab, Hairoos, Sala, Zalf, Kufra.

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

DDA 05 16:23:57.9, 39°09'N x 26°84'E, h7km, MD2.7

ISCJB 05 16:23:58.2±0.6, 39°08'N x 0°04:26:83E±0.05, h8km±5km, Error ellipse: s-maj=6.5km s-min=5.9km az=146.5

ISK 05 16:23:58.0, 39°13'N x 26°83'E, h5km, MD2.6

CSEM 05 16:23:58.2±0.2, 39°06'N x 26°83'E, h5km, MD2.6, Error ellipse: s-maj=6.3km s-min=5.3km az=156.0

ISC 05 16:23:58.0±0.9, 39°06'N x 0°03:26:84E±0.03, h9km±5km, n15, r940/26, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Dikili, Ayvalik, Izmir, Sigiri, Akhisar, Kahutara, Balikesir, Gonen-Balikesi.

BUI 05 16:26:58.4, 15°88'N x 146°16'E, h33km, mb4.7/37, mb4.9/28, Ms4.5/28, Ms7.4/231

IDC 05 16:27:01.4±0.6, 16°28'N x 145°17'E, h0km, mb4.2/17, mb1.4/3/18, mb1mx4.2/37, mbmp4.2/18, ML4.1/1, MS3.7/28, Ms1.3/7/28, ms1mx3.7/30, Error ellipse: s-maj=24.9km s-min=12.2km az=86.0

ISCJB 05 16:27:02.6±0.5, 16°22'N x 0°04:145°80E±0.10, h33km, mb4.5/46, MS3.8/28, Error ellipse: s-maj=13.7km s-min=6.0km az=4.1

NEIC 05 16:27:02.5±0.6, 16°29'N x 145°27'E, h10km, mb4.9/16, Error ellipse: s-maj=18.0km s-min=9.1km az=87.0

MOS 05 16:27:04.0±1.1, 16°29'N x 145°33'E, h33km, mb5.0/20, Error ellipse: s-maj=15.2km s-min=7.4km az=107.9

ISC 05 16:27:05.2±0.6, 16°20'N x 0°05:145°74E±0.09, h35km±1km, h35km±PP-N104, r29/109, mb4.6/46, MS3.8/28, 6C-3D, Mariana Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Guam, Chichijima, Jayapura, Wake Island, H111, H112, H113, H114, H115, H116, H117, H118, H119, H120, H121, H122, H123, H124, H125, H126, H127, H128, H129, H130, H131, H132, H133, H134, H135, H136, H137, H138, H139, H140, H141, H142, H143, H144, H145, H146, H147, H148, H149, H150, H151, H152, H153, H154, H155, H156, H157, H158, H159, H160, H161, H162, H163, H164, H165, H166, H167, H168, H169, H170, H171, H172, H173, H174, H175, H176, H177, H178, H179, H180, H181, H182, H183, H184, H185, H186, H187, H188, H189, H190, H191, H192, H193, H194, H195, H196, H197, H198, H199, H200, H201, H202, H203, H204, H205, H206, H207, H208, H209, H210, H211, H212, H213, H214, H215, H216, H217, H218, H219, H220, H221, H222, H223, H224, H225, H226, H227, H228, H229, H230, H231, H232, H233, H234, H235, H236, H237, H238, H239, H240, H241, H242, H243, H244, H245, H246, H247, H248, H249, H250, H251, H252, H253, H254, H255, H256, H257, H258, H259, H260, H261, H262, H263, H264, H265, H266, 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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like NNZ, HHSZ, JZC, etc.

WEL 05 17:20:14.6:0.1, 43.59Sx172.18E, h111km, ML3.7/21, 1C-3D, Error ellipse: s-maj=0.5km s-min=0.4km az=90.0, South Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like OXZ, CRZL, MOZ, etc.

IDC 05 17:23:13.7:1.1, 49.80Sx7.79W, h0km, mb3.9/5, mb1 4.0/5, mb1mx3.8/18, mbtmp3.9/5, MS3.7/5, Ms1 3.6/5, ms1mx3.3/26, Error ellipse: s-maj=29.9km s-min=29.2km az=146.0

NEIC 05 17:23:15.0:0.5, 49.82Sx7.76W, h10km, mb4.4/4, Error ellipse: s-maj=14.9km s-min=13.9km az=116.0

ISC 05 17:23:16.0:0.8, 49.75Sx0.1x7.8W:0.1, h10km, n18, az=203/11, mb4.2/9, MS3.7/5, Southern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like VNA1, SNA, BOSA, etc.

NEIC 05 17:31:38.0:0.4, 6.21Sx154.76E, h35km, mb4.8/1, Error ellipse: s-maj=13.1km s-min=9.0km az=107.0

ISCJB 05 17:31:38.6:0.5, 6.24Sx0.7x154.75E:0.07, h56km, mb4.3/18, Error ellipse: s-maj=12.0km s-min=8.3km az=39.5

IDC 05 17:31:39.0:0.9, 6.26Sx154.70E, h43km, mb4.1/17, mb1 4.3/19, mb1mx4.1/43, mbtmp4.3/19, ML4.1/2, MS3.4/1, Ms1 3.4/1, ms1mx3.1/33, Error ellipse: s-maj=19.1km s-min=12.7km az=108.0

ISC 05 17:31:39.9:0.5, 6.30Sx0.09x154.82E:0.09, h56km, n32, az=138/32, mb4.3/18, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like HNR, PMG.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like PMG, PMG, PTA, etc.

CRAAG 05 17:33:15.9, 36.52N:1.36E, M3.5, ISCJB 05 17:33:17.0:0.5, 36.39N:0.03:1.77E:0.04, h20km, Error ellipse: s-maj=4.7km s-min=3.2km az=41.1

MDD 05 17:33:17.6:0.6, 36.32N:1.82E, h0km, mb4.1/20, Error ellipse: s-maj=6.2km s-min=4.4km az=132.0, PRXIMO

CSEM 05 17:33:17.5:0.3, 36.26N:1.81E, h15km, mb4.1, Error ellipse: s-maj=6.1km s-min=3.8km az=140.0

INMG 05 17:33:19.3:1.4, 36.27N:1.83E, h31km, mb24km, ML2.5, Error ellipse: s-maj=16.7km s-min=5.7km az=135.0

ISC 05 17:33:17.4:1.1, 36.29N:0.05:1.83E:0.03, h20km, n102, az=184/45, 3C-1D, Northern Algeria

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like EBAN, ECHA, ECH, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like EVIA, EQES, EQES, etc.

5d 17h

Table with columns: PCVE, Castro Verde, 8.01 283, ePn, Pn, 17 35 13.6 +0.9, etc.

BUI 05 17:34:10.4, 1.205x127.96E, h35km, mb5.4/83, mB5.5/59, Ms4.9/80, Ms7.4/677
AUST 05 17:34:13.52, 2.0:65S:127.52E, h1km, 16km, Error ellipse: s-maj=7.0km s-min=3.9km az=48.0
ISCJB 05 17:34:15.4, 0.1:51S:01x127.51E, 0.01, h26km, 2km, mb5.4/181, MS4.7/159, Error ellipse: s-maj=2.4km s-min=2.3km az=154.0
MOS 05 17:34:15.5, 1.1, 0.51S:127.45E, h29km, mB5.7/50, MS4.6/26, Error ellipse: s-maj=8.3km s-min=4.9km az=110.0
GCMT 05 17:34:16.6, 0.1, 0.60S:127.45E, h12km, MW5.3/114, Moment Tensor Solution, s74, c122, s114, c253; Duration: 1s1 Moment tensor: Scale 10^11N; Mn-1.18e-02; Mo-1.00e-01; M-0.18e-02; M+0.03e-04; M+0.55e-01; M+0.27e-05; Best double couple: Mo1.26000x10^17 NP2.0x232.00000, d49.00000, lambda-105.00000. NP2.0x74.00000, d43.00000. lambda-73.00000. Principal axes: T 1.2860, Plg3.0000, Azm333.0000; N -0.0480, Plg11.0000, Azm242.0000; P -1.2350, Plg78.0000, Azm79.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s.
NEIC 05 17:34:16.6, 1.3, 0.54S:127.48E, h27km, 9km, mb5.6/77, MS4.8/117, Error ellipse: s-maj=4.7km s-min=3.7km az=66.0
NEIC Felt [V] at Labuha.
KLM 05 17:34:18.0, 0.53S:127.51E, h37km, mb5.5, MS6.1
IDC 05 17:34:17.5, 1.7, 0.52S:127.41E, h28km, 11km, mb5.1/37, mb1.5/42, mb1mxx.0/49, mbmp5.2/42, ML4.7/4, MS4.4/27, Ms1.4/427, ms1mx4.2/39, Error ellipse: s-maj=11.3km s-min=7.7km az=82.0
DJA 05 17:34:18.6, 0.3, 1.9, 1.27E, h25km, 2km, M5.5/138, mb5.6/138, mB5.9/106, MLv5.7/20, Mw(mB)5.5/106, Mhp5.3/3
ISC 05 17:34:18.1, 0.3, 0.56S:02x127.49E, 0.03, h33km, 1km, h33km; p-P, n802, c139/813, mb5.5/191, MS4.7/159, 77C-52D, Halmahera

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Labuha, Ternate, Sanana, Namlea, Masohi, Cibinong, Sorong, etc.

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Table with columns: MMRI, Maumere, 9.57 213, ePn, Pn, 17 36 34.4 +0.7, etc. Lists stations like Maumere, Ipil, Soe, Sobei, etc.

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Table with columns: PMG, Port Moresby, 21.45 115, pP, Pmax, etc. Lists stations like Port Moresby, Tanagerang, Serang, etc.

5d 17h

LSA	Lhasa	45.89 314	eP	P	17 42 39.3 +1.1
LSA	comp=Z,84nm,0.7s			MLR	MLR
LSA	comp=Z,284nm,20.0s				
LSA	Lhasa	45.89 314	eP	P	17 42 39.3 +1.1
LSA	comp=Z,84nm,0.7s			LR	LR
ASAJ	Asahikawa	46.48 15	LR	LR	18 00 44.4
ASAJ	Asahikawa	46.48 15	P	P	17 42 41.1 -1.0
CHLP	Challavanieta	46.69 296	eP	IAMB	17 42 44.0 0.0
CHLP	comp=Z,358nm,1.5s				17 42 46.8
CHLP	Gaotai	47.17 331	iP	S	17 49 32.3 +0.5
GTA				iP	17 42 48.5 +0.8
GTA				pP	17 42 58.7 +1.1
GTA				eP	17 43 02.7 +1.1
GTA				PcP	17 44 20.1 +1.1
GTA				S	17 49 38.7 +0.4
GTA				sS	17 49 55.8 +1.1
GTA				ScS	17 52 39.0 -0.7
GTA				SS	17 53 01.0 -5.0
GTA	comp=Z,110nm,1.0s			PMZ	
GTA	comp=Z,440nm,5.7s			LN	
GTA	comp=Z,440nm,21.4s			LE	
GTA	comp=Z,530nm,21.8s			LZ	
TAPN	Taplejung	47.23 309	eP	P	17 42 49.1 +0.5
ODAN	Odare	47.24 308	eP	P	17 42 49.2 +0.6
ODAN	comp=Z,441nm,1.0s				
PALK	Pallekele	47.31 280	P	P	17 42 48.9 -0.2
PALK	comp=Z,14nm,0.8s,baz=116,slow=8.5,SNR=5.9				
PALK	Pallekele	47.31 280	iP	P	17 42 50.2 +1.1
PALK	Pallekele	47.31 280	iP	P	17 42 49.6 +0.5
PALK	Pallekele	47.31 280	eP	P	17 42 47.3 -1.8
YUK	Yuzh-Kuril'sk	47.34 180	iP	P	17 42 48.7 0.0
YUK				i	17 44 36.7
YUK				i	17 49 43.0 +2.8
YUK				i	17 54 11.6
YUK	comp=Z,188nm,1.2s			pmx	pmx
YUK	comp=N,66nm,1.1s			pmx	pmx
YUK	comp=E,68nm,1.1s			pmx	pmx
YUK	comp=Z,229nm,1.4s			MLR	MLR
YUK	comp=E,354nm,20.0s			MLR	MLR
YUK	comp=Z,340nm,20.0s				
RAMN	Ramite	47.91 308	eP	P	17 42 54.8 +1.0
PVM	Polavaram	48.51 294	eP	IAMB	17 42 58.2 0.0
PVM	comp=Z,128nm,1.3s				17 43 00.8
PVM	Gumba	48.92 309	eP	P	17 43 07.6 -0.1
GUN	Kuril'sk	49.05 190	iP	P	17 43 02.4 +0.7
KUR	Kuril'sk	49.05 190	iP	S	17 43 03.8 +1.9
KUR	comp=N,41nm,1.0s			pmx	pmx
KUR	comp=E,12nm,1.0s			pmx	pmx
KUR	comp=Z,81nm,1.0s			MLR	MLR
KUR	comp=N,511nm,19.0s			MLR	MLR
KUR	comp=Z,408nm,19.0s			MLR	MLR
PKI	Pulchoki	49.13 308	eP	P	17 43 03.5 +0.2
PKIN	Pulchoki	49.15 308	eP	P	17 43 05.0 +1.7
PKIN	comp=Z,137nm,0.8s				
YSS	Yuzh-Sakhalins	49.18 140	eP	P	17 43 03.0 +0.1
YSS	comp=Z,40nm,0.6s			eP	17 43 13.0 +0.2
YSS				eS	17 44 26.0
YSS				S	17 50 05.0 -1.2
YSS	comp=Z,60nm,1.3s			pmx	pmx
YSS	comp=N,500nm,16.0s			MLR	MLR
YSS	comp=Z,490nm,16.0s			MLR	MLR
YSS	Yuzh-Sakhalins	49.18 14	eP	P	17 43 01.1 -1.7
YSS	comp=Z,55nm,1.0s			LR	LR
HABR	Khabarovsk	49.28 7	eP	P	17 43 01.4 -2.2
HABR				ePP	17 43 11.1 -2.5
HABR				eSP	17 43 15.5 -2.0
HABR				e	17 44 23.7
HABR				e	17 44 55.6
HABR				ePPP	17 45 48.2
HABR				eS	17 50 95.7 -1.8
HABR				eSS	17 50 22.7 -1.3
HABR				eSS	17 52 50.2
HABR				eSSS	17 53 40.2 +0.7
HABR				eSSS	17 54 59.2
HABR	comp=Z,148nm,2.5s			MLR	MLR
HABR	comp=Z,758nm,18.0s				
KKN	Kakani	49.34 308	eP	P	17 43 05.2 +0.5
DMN	Daman	49.39 308	eP	P	17 43 05.6 +0.4
ADKI	Addanki	49.66 291	eP	IAMB	17 43 07.3 +0.2
ADKI	comp=Z,142nm,1.3s				17 43 09.6
ADKI	Kul'dur	49.74 4	eS	P	17 50 14.3 +0.4
KLR	Kul'dur	49.74 4	eS	P	17 43 03.0 -4.1
KLR				eS	17 50 33.0 +1.9
GKN	Gorkha	49.94 308	eP	P	17 43 09.7 +0.5
HIA	Hailar	50.09 353	eP	pmx	17 43 08.4 -1.4
HIA	comp=Z,32nm,0.9s			MLR	MLR
HIA	comp=Z,818nm,19.0s				
HIA	Hailar	50.09 353	eP	P	17 43 08.4 -1.4
HIA	comp=Z,32nm,0.9s			LR	LR
HIA	comp=Z,818nm,19.0s				
NJS	Nagarjunasagar	50.46 292	eP	P	17 43 13.5 +0.4
NJS				eS	17 50 24.4 -0.6
RCLA	Racheria	50.51 291	eP	IAMB	17 43 12.9 -0.7
RCLA	comp=Z,68nm,0.9s				17 43 16.0
RCLA	Koldanda	50.65 307	eP	P	17 43 25.1 -0.8
RCLA	comp=Z,65nm,0.8s				17 43 15.5 +0.8
SRLM	Srisaillam	50.73 291	eP	IAMB	17 43 15.3 +0.1
SRLM	comp=Z,73nm,0.8s				17 43 18.9
SRLM	Dangsing	50.78 308	eP	P	17 50 29.2 +0.4
SRLM	comp=Z,70nm,0.7s				17 43 16.4 +0.6
RPR	Rampur	51.09 295	eP	IAMB	17 43 17.5 -0.4
RPR	comp=Z,95nm,1.1s				17 43 20.7
RPR	Hyderabad	51.38 293	iP	P	17 50 33.6 -0.2
HYB	Hyderabad	51.38 293	iP	P	17 43 19.0 -1.1
HYB	Hyderabad (bro)	51.38 293	eP	IAMB	17 50 38.0 +0.2
HYB	comp=Z,160nm,1.0s				17 43 19.9 -0.2
HYB	Hyderabad	51.38 293	eP	IAMB	17 43 23.9
HYB	comp=Z,86nm,0.9s				17 50 37.5 -0.3
ULN	Ulaanbaatar	51.41 342	eP	pmx	17 43 20.1 +0.1
ULN	comp=Z,118nm,1.7s				

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ULN	Ulaanbaatar	51.41 342	P	P	17 43 20.5 +0.5
ULN	SNR=40				
ULN	Ulaanbaatar	51.41 342	eP	P	17 43 19.6 -0.4
ULN	comp=Z,88nm,1.2s			LR	LR
SOMN	Songino Array	51.59 342	P	P	17 43 21.3 0.0
SOMN	comp=Z,25nm,0.8s,baz=160,slow=7.8,SNR=53			ScP	ScP
SOMN	Songino Array	51.59 342	P	P	17 48 29.6 +0.3
SOMN	comp=Z,2.2nm,0.8s,baz=150,slow=5.8,SNR=37			LR	LR
SRSP	Sriramsagar	51.98 295	eP	IAMB	17 43 24.3 -0.2
SRSP	comp=Z,50nm,0.9s				17 43 28.1
SRSP	Urawakonda	51.99 289	eP	IAMB	17 50 44.7 -1.3
SRSP	comp=Z,76nm,1.3s				17 43 24.3 -0.4
URV	Urawakonda	51.99 289	eP	IAMB	17 43 27.8
URV	comp=Z,48nm,1.2s				17 50 43.8 -2.5
TYV	Tymovskoe	52.84 12	eP	pmx	17 43 32.0 +1.7
TYV	comp=Z,500nm,6.0s			MLR	MLR
TYV	comp=Z,1µm,16.0s			MLR	MLR
TYV	comp=N,1µm,20.0s				
KLRI	Killari	53.34 293	eP	IAMB	17 43 34.5 -0.2
KLRI	comp=Z,87nm,1.1s				17 43 37.8
KLRI	Chita	53.70 349	eP	P	17 51 02.8 -2.0
CIT	Chita	53.70 349	eP	P	17 43 37.0 +0.3
CIT				e	17 43 44.2
CIT				e	17 43 52.2
CIT	comp=Z,103nm,1.3s			pmx	pmx
NKL	Nikolayevsk	54.65 10	eP	P	17 43 42.0 -1.5
NKL				e	17 45 54.0
NKL				e	17 51 21.0
NKL	comp=Z,350nm,6.0s			MLR	MLR
NKL	comp=N,500nm,17.0s			MLR	MLR
ZAK	Zakamensk	54.80 341	eP	pmx	17 43 44.3 -0.6
ZAK	comp=Z,700nm,17.0s				
ZAK	Joshimath	55.04 309	eP	P	17 43 45.8 -1.3
ZAK	comp=Z,13nm,0.9s,baz=37,slow=5.1,SNR=3.5				17 43 51.3 -0.7
TLY	Talya	55.82 342	eP	LR	18 08 38.0
TLY	comp=Z,155nm,18.0s,baz=140,slow=37				
TLY	Talya	55.82 342	eP	P	17 43 52.1 0.0
TLY	comp=Z,31nm,0.9s				17 46 00.3
TLY				eS	17 51 34.8 -2.2
TLY				eSS	17 55 22.7 -0.4
TLY				pmx	pmx
TLY	comp=Z,265nm,20.0s			MLR	MLR
TLY	Talya	55.82 342	P	P	17 43 52.1 0.0
TLY	comp=Z,214nm,1.0s,SNR=5.6				
TLY	Talya	55.82 342	P	P	17 43 53.1 +1.0
TLY	SNR=7				
TLY	Talya	55.82 342	eP	P	17 43 50.8 -1.3
POO	Poona	55.99 293	iP	P	17 43 54.0 +0.1
IRK	Irkutsk	56.13 343	eP	P	17 43 53.7 -0.5
IRK	comp=Z,69nm,1.8s				17 46 00.4
NDI	New Delhi	56.16 306	eP	P	17 43 51.0 -3.9
BHGR	Bahadurgarh	56.39 305	eP	AMB	17 43 55.5 -1.0
BHGR	comp=Z,100nm,0.7s				17 43 57.0
KUDL	Kundal	56.56 305	eP	AMB	17 43 57.0 -0.7
KUDL	comp=Z,136nm,0.9s				17 44 00.2
MOY	Mondy	56.65 341	eP	pmx	17 43 58.8 +0.7
MOY	comp=Z,105nm,1.8s				
WMQ	Urumqi	56.68 326	iP	P	17 43 59.4 +1.0
WMQ	comp=Z,100nm,1.0s				17 44 09.1 +0.6
WMQ	comp=Z,270nm,3.6s				17 44 14.1 +1.7
WMQ	comp=Z,1µm,19.0s				17 51 49.1 +0.4
WMQ	comp=Z,630nm,17.0s				
WMQ	comp=Z,850nm,25.8s				
KKR	Kurukshetra	56.97 307	eP	AMB	17 44 00.6 0.0
KKR	comp=Z,117nm,0.8s				17 44 01.4
KHET	Khetri	57.09 304	eP	AMB	17 44 00.8 -0.8
KHET	comp=Z,106nm,0.8s				17 44 04.7
SMLA	Simla	57.15 308	iP	P	17 44 02.5 +0.6
CLNS	Chul'man	57.26 358	eP	pmx	17 44 01.7 -0.5
CLNS	comp=Z,14nm,0.9s				
CLNS	comp=N,6.0nm,1.0s				
CLNS	comp=E,2.0nm,0.7s				
SDNR	Sundarnagar	57.45 309	eP	P	17 44 05.0 +0.9
SNZO	South Karori	58.79 140	PFAKE	LR	17 44 30.0 +1.7
SNZO	comp=Z,1µm,19.0s				
URZ	Urewera	58.93 136	P	P	17 44 15.0 +0.7
URZ	comp=Z,20nm,0.9s,baz=145,slow=2.2,SNR=6.2				
HVS	Khovu-Aksy	58.94 336	eP	pmx	17 44 12.9 -1.4
HVS	comp=Z,55nm,1.3s				17 44 13.6 -0.5
PETK	Petropavlovsk	59.12 21	P	P	17 44 15.9 +0.6
PETK	comp=Z,52nm,0.8s,baz=183,slow=5.				

BRVK	SNR=51	71.39	328	eP	P	17 45 34.4	-0.4
BRVK	comp=Z,75nm,0.9s				LR		
IDA	Dahanecah	71.61	305	eP	P	17 45 37.5	+0.7
BSY	Bisya	72.09	294	P	P	17 45 39.9	+0.2
HOQ	Hogain	72.21	295	P	P	17 45 40.0	+0.3
IKOO	Koosah	72.25	304	eP	P	17 45 40.0	+0.3
IMYA	Miami	72.26	309	eP	P	17 45 40.0	+0.2
ITEG	Tejag	72.56	305	eP	P	17 45 42.9	+0.4
ISRO	Mashad	72.75	308	eP	P	17 45 43.9	+0.4
ISRO	Riviere de l'E	72.79	248	eP	P	17 45 43.4	-0.5
ARQ	Araji	72.79	295	P	P	17 45 44.0	+0.1
IMOG	Moghan	72.81	308	eP	P	17 45 44.1	+0.1
IPAY	Payeh	73.16	308	eP	P	17 45 46.0	0.0
UOSS	Wadi Hilu	73.31	296	P	P	17 45 46.2	-0.7
UOSS	comp=Z,433nm,0.8s,SNR=16						
UOSS	Wadi Hilu	73.31	296	eP	P	17 45 46.5	-0.4
HATO	Hatta, Dubai	73.36	296	iP	P	17 45 47.4	+0.2
BANOM	Banah	73.38	297	iP	P	17 45 47.2	-0.1
IJAKL	Akhetad	73.38	308	eP	P	17 45 47.4	0.0
ASHO	Ashiyah	73.41	296	P	P	17 45 48.0	+0.5
ASHO	Ashiyah	73.41	296	iP	P	17 45 47.2	-0.3
BILL	Bilibino	73.49	14	P	P	17 45 49.0	+2.0
BILL	comp=Z,7.0nm,1.2s				MLR		
BILL	comp=Z,355nm,18.0s				MLR		
IKRD	Kardeh	73.61	309	eP	P	17 45 45.0	-3.8
NAZ	Nazwa, Dubai	73.78	296	iP	P	17 45 49.3	-0.5
FAQ	Al Faga, Dubai	73.83	296	iP	P	17 45 49.7	-0.3
ASUD	Al Ashush, Dub	74.05	296	iP	P	17 45 51.6	+0.3
ABKT	Alibek	74.18	310	P	P	17 45 52.8	+1.0
GEYT	Alibek	74.18	310	P	P	17 45 51.8	0.0
GEYT	comp=Z,307nm,1.2s,SNR=23						
GEYT	comp=Z,34nm,0.9s,baz=132,slow=2.2,SNR=78				LR		
IBAF	Bafgh	74.95	303	eP	P	17 45 55.6	-0.9
IMEH	Mehriz	75.72	303	eP	P	17 46 00.2	-0.8
AKBAR	Akbakul array	75.95	321	P	P	17 46 00.7	-1.0
ICHK	Chekok	76.03	303	eP	P	17 46 02.2	-0.6
ISAD	Sadrabad	76.58	303	eP	P	17 46 05.5	-0.5
ISRV	Sarvestan	76.69	300	eP	P	17 46 06.4	-0.3
IPAR	Pars	76.81	301	eP	P	17 46 07.0	-0.3
IJANJ	Anjilo	76.99	307	eP	P	17 46 07.6	-0.6
IGLO	Ghaloghah	77.24	308	eP	P	17 46 09.3	-0.2
IRAM	Ghahshad	77.55	307	eP	P	17 46 10.3	-1.7
ISHM	Rameshah	77.66	303	eP	P	17 46 10.3	-1.7
ILAS	Lasjerd	77.74	306	eP	P	17 46 11.7	-0.7
IKAZ	Kazeroun	77.84	301	eP	P	17 46 12.3	-0.9
IZEF	Zefreh	77.87	304	eP	P	17 46 11.9	-1.2
IFIR	Firozkooh	77.95	302	eP	P	17 46 13.2	-0.4
SVE	Sverdloukh	78.00	329c	iP	P	17 46 12.4	-0.6
SVE	comp=Z,112nm,1.4s				MLR		
IGAR	Gharneh	78.04	303	eP	P	17 46 13.6	-0.5
IPRN	Peran	78.32	307	eP	P	17 46 15.3	-0.5
IDMV	Dimavand	78.52	306	eP	P	17 46 16.1	-0.7
IKLH	Kolahrud	78.55	304	eP	P	17 46 16.8	-0.2
FALS	False Pass	78.56	33	eP	P	17 46 15.8	-0.3
IVRN	Varamin	78.68	306	eP	P	17 46 17.1	-0.3
ARU	Arti	78.95	328c	iP	P	17 46 16.7	-1.6
ARU	comp=Z,29nm,1.6s						
ARU	comp=Z,112nm,1.4s				MLR		
ARU	comp=Z,103nm,1.7s				MLR		
ARU	Arti	78.95	328	P	P	17 46 16.5	-1.8
ARU	comp=Z,290nm,1.0s,SNR=18						
ARU	Arti	78.95	328	eP	P	17 46 16.8	-1.6
ARU	comp=Z,47nm,0.9s				LR		
IPIR	Pirpir	79.04	303	eP	P	17 46 17.8	-1.9
VNDA	Vanda	79.10	173	P	P	17 46 18.8	+0.1
VNDA	comp=Z,26nm,0.8s,baz=321,slow=6.1,SNR=85				LR		
IR3	Iran Long-Peri	79.32	306	eP	P	17 46 21.1	+0.1
IMHD	Mahdasht	79.64	306	eP	P	17 46 22.1	-0.6
IRS	Iran Long-Peri	79.64	306	eP	P	17 46 22.6	-0.1
SBA	Scott Base	80.01	172	eP	P	17 46 24.6	+0.9
SBA	comp=Z,44nm,1.1s				MLR		
SBA	comp=Z,709nm,19.0s				MLR		
SBA	comp=Z,44nm,1.1s				LR		
MAW	Mawson	80.02	201	P	P	17 46 24.1	+0.2
MAW	comp=Z,13nm,0.9s,baz=86,slow=3.8,SNR=17						
MAW	Mawson	80.02	201	iP	P	17 46 24.3	+0.4
MAW	comp=Z,135nm,1.7s				MLR		
IGZV	Ghazvin	80.10	307	eP	P	17 46 24.9	-0.4
IRAZ	Razeh	80.19	306	eP	P	17 46 25.3	-0.5
SDPT	Sand Point	80.32	33	eP	P	17 46 26.2	+0.5
ABPO	Ambohimpanom	80.61	251	eP	P	17 46 27.3	-1.0
ABPO	comp=Z,135nm,1.7s				MLR		
ABPO	Ambohimpanom	80.61	251	eP	P	17 46 27.2	-1.0
ABPO	comp=Z,135nm,1.7s				MLR		
OPO	Ambohiratopom	80.63	251	P	P	17 46 28.9	+0.5
SOKR	Solikamsk	80.81	331f	iP	P	17 46 27.6	-0.6
SOKR	comp=Z,90nm,1.4s				MLR		
SOKR	comp=Z,410nm,25.0s				MLR		
CHGN	Chignik	81.68	33	eP	P	17 46 32.0	-1.0
IKOM	Komasi	82.02	304	eP	P	17 46 34.2	-1.3
ISRB	Sarab	82.30	308	eP	P	17 46 36.5	-0.4
IVIS	Veis	82.60	305	eP	P	17 46 36.9	-1.6
IGHG	Ghaleghazi	82.81	305	eP	P	17 46 38.2	-1.5
IDHR	Dehrash	83.00	305	eP	P	17 46 38.9	-1.8
PPT	Papeete	83.09	108	LR	LR	18 20 44.2	
PPT2	Papeete2	83.09	108	eSS	SS	18 02 23.9	0.0
PPT2	comp=Z,229nm,29.0s				eLQ		
PPT2	comp=Z,862nm,35.8s				eLR		
DAMY	Damar	83.46	285	P	P	17 46 45.2	+1.7
DAMY	comp=Z,644nm,31.2s						
DAMY	Damar	83.46	285	eP	P	17 46 47.1	-1.8
IAZR	Azarshahr	83.62	308	eP	P	17 46 43.6	-0.2
IMRD	Mirand	83.94	309	eP	P	17 46 44.8	-0.6
ISHB	Shabestar	83.96	308	eP	P	17 46 45.0	-0.6
SVW2	Sparrevohn	84.18	28	eP	P	17 46 47.2	+1.4
DGRG	David-gareji	84.45	312	P	P	17 46 46.6	-1.2
DGRG	David-gareji	84.45	312	eP	P	17 46 45.3	-1.2
GNI	Garni	84.81	310	eP	P	17 46 49.1	-0.6
GNI	comp=Z,19nm,2.1s				MLR		
GNI	Garni	84.81	310	P	P	17 46 50.5	+0.8
GNI	SNR=8.0						
GNI	Garni	84.81	310	eP	P	17 46 50.5	+0.8
GNI	comp=Z,33nm,1.1s				LR		
GNI	comp=Z,229nm,22.0s				LR		
TBLG	Delisi	84.95	312	P	P	17 46 50.2	0.0
TBLG	Delisi	84.95	312	eP	P	17 46 50.2	0.0
KDKA	Kodiak Island	85.10	32	P	P	17 46 51.6	+1.1
KDKA	comp=Z,26nm,0.8s,baz=276,slow=2.2,SNR=12						
KDKA	Kodiak Island	85.10	32	iP	P	17 46 51.4	+0.9

KDKA	Kodiak Island	85.10	32	P	P	17 46 50.8	+0.3
KDKA	comp=Z,210nm,0.8s,SNR=7.0						
KDKA	Kodiak Island	85.10	32	eP	P	17 46 51.3	+0.8
KDKA	comp=Z,303nm,2.1s						
RSO	Redoubt South	85.43	29	eP	P	17 46 51.9	-0.6
ZEI	Tsey	85.67	313	eP	P	17 46 50.8	-3.2
ZEI	comp=Z,360nm,1.1s				pmx		
AKH	Akhalkalaki	85.86	311	P	P	17 46 55.6	+0.6
AKH	Akhalkalaki	85.86	311	eP	P	17 46 55.5	+0.6
IM04	Indian Mountai	85.92	24	eP	P	17 46 54.7	+0.2
NCK	Naichik	85.95	313	eP	P	17 46 53.7	-1.4
CNPM	China Poot	86.05	30	eP	P	17 46 55.7	+0.4
PPLA	Purkeypile	86.08	27	eP	P	17 46 55.9	+0.4
PPLA	comp=Z,11nm,0.7s						
TUTA	Tutak	86.23	309	iP	P	17 46 57.4	+0.5
BRK	Bradley Lake	86.26	30	eP	P	17 46 57.1	+0.8
BRK	Khabaz	86.47	314	P	P	17 46 57.3	-0.3
KBZ	comp=Z,9.3nm,0.9s,baz=96,slow=3.0,SNR=28				LR		
EATA	Eleskirt	86.51	310	iP	P	17 46 58.7	+0.3
NEY	Neyrino	86.56	313	iP	P	17 46 58.1	-0.3
NEY	comp=Z,11nm,1.0s				pmx		
KIV	Kislovodsk	86.64	314	eP	P	17 46 57.6	-1.0
KIV	comp=Z,129nm,0.8s,SNR=5.4						
KIV	Kislovodsk	86.64	314	eP	P	17 46 57.0	0.0
KIV	Bademkaya	87.19	311	eP	P	17 46 57.3	-0.6
KIV	comp=Z,23nm,1.1s				pmx		
KIV	Kislovodsk	86.64	314	P	P	17 46 58.8	+0.2
KIV	Kislovodsk	86.64	314	P	P	17 46 59.0	+0.4
KIV	SNR=13						
KIV	Kislovodsk	86.64	314	iP	P	17 46 58.2	-0.4
KIV	SNR=7						
KIV	Kislovodsk	86.64	314	eP	P	17 46 58.7	+0.1
KIV	comp=Z,205nm,22.0s				LR		
BPAW	Bear Paw Mtn.	86.79	26	eP	P	17 46 58.8	-0.1
BPAW	comp=Z,129nm,2.3s						
EKAR	Karacaban	86.81	309	iP	P	17 47 00.8	+1.1
RC01	Rabbit Creek A	86.98	29	eP	P	17 46 58.9	-0.9
CHVG	Ch'k'valeri	87.00	313	P	P	17 46 59.7	-0.6
TRF	Thorofate Mountain	87.02	26	eP	P	17 46 59.5	-0.6
TRF	comp=Z,75nm,2.2s						
ARTV	Artvin	87.02	311	iP	P	17 47 00.9	+0.2
DAGI	Agillar	87.03	311	iP	P	17 47 00.5	-0.1
DEM	Demirkent	87.14	311	iP	P	17 47 01.5	+0.3
DBAD	Bademkaya	87.19	311	eP	P	17 47 01.6	+0.2
DBOC	Borkca	87.23	311	iP	P	17 47 01.1	-0.4
ERZM	Erzurum	87.38	310	iP	P	17 47 04.1	+1.5
COLD	Coldfoot	87.53	23	eP	P	17 47 02.9	+0.5
MCK	McKinley	87.65	26	eP	P	17 47 02.6	-0.4
MCK	comp=Z,111nm,0.8s				pmx		
MCK	McKinley	87.65	26	eP	P	17 47 02.6	-0.4
MCK	comp=Z,111nm,0.8s				pmx		
SML	Sawmill	87.73	28	P	P	17 47 02.2	-1.2
SML	comp=Z,5.0nm,0.8s				pmx		
SML	Sawmill	87.73	28	P	P	17 47 02.2	-1.2
SML	comp=Z,5.5nm,0.8s						
MZRK	Al-Mazareh	87.76	306	eP	P	17 47 05.5	+1.4
VRH	Novokhopynsk	87.78	321	eP	P	17 47 02.8	-1.0
VRH	comp=Z,20nm,1.2s				pmx		
VRH	comp=N,10.0nm,0.7s				pmx		
VRH	comp=Z,11nm,0.8s				pmx		
KOPT	Kop Dagj	88.05	310	iP	P	17 47 05.9	+0.1
SPNV	Sufian	88.22	306	eP	P	17 47 05.7	-0.7

5d 17h

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, etc. Includes stations like GERES, HAWA, NKCC, TIP, CUC, NEW, WVOR, AQU, TSIUM, NVAR, BFO, CLTB, TUE, VLC, ECH, WLF, HLID, BNI, EGMT, VSL, PFO, ESK, FFC, DUG, LKWY, KEST, AHID, SSB, HWUT, RLMT, BW06, LAO, DGMT, WUAZ, MVCO, G27A, ISCO, SDCO, ANMO, TAM, OGNE, T26A, ESDC, MNTX, MNTX, U27A, PAB, Q29A, ECSD, ECSD, EYMN, PGAV, PVAL, MTE, MTE, O33A, TXAR, TXAR, TXAR, Z29A, HOPE, HOPE.

2010 SEP

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, etc. Includes stations like PBAR, P34A, KSUI, 529A, COWI, 429A, SCHG, TORD, TORD, TORD, TORD, WMOK, WMOK, 530A, R32A, R36A, T35A, RTC, JFWS, R37A, JCT, S37A, X36A, V37A, U38A, GLMI, MIAR, KVTX, NATX, AAM, ACCO, DBIC, DBIC, NCB, BLA, BRAL, CBN, CNNC, GTTY, BCIP, GRTK, CPUP, CPUP, SDDR, OTAV, LPAZ, SJG, SDV, ANWB, FDF, GRGR, BBGH, SAML, WEL, TCW, TCW, KIWI, CAW, CAW, BHW, BHW, DUWZ, DUWZ, DUWZ, DUWZ, DUWZ.

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Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like TUVW, MSWZ, MTW, PLWZ, HOWZ, BSWZ, TRWZ, PRWZ, WAZ, THZ, DVHZ, TAPR, KHZ, VRZ, WEL, OXF, CAN, MCQ, RATA, LAKE, WAITA, KAHU, LAKE, FOX, OTAH, DENN, TOP, JACK, WANAKA, EARNS, TUAPEKA, ISCB, AUST, NEIC, ISCO, RAO, AFI, AFI, URZ, URZ, RAR, RAR, RPZ, LHI, PPT2, PPT, EIDS, RMQ, CTA, CTA, QLP, MTSU, STKA, STKA, PMG, PMG, RKT, HTT, QIS, AS31, ASAR, WRAB, WRA, WRA, WRK, KNRA, FAKI, FITZ, FITZ, FITZ, VYND, SIJL.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes entries for WRKA Warakurna, ASAR Alice Springs, MEKEE Meekatharra, STKA Stephens Creek.

DJA 05 20:04:52.3, 2.6, 6 S, 5.12'S, h29km, 31km, M4.0/11, mb4.1/3, mb4.81, MLV4.0/11, Mw(MB)4.0/11, Banda Sea

SZGRF 05 20:06:03.9, 23.08S:177.95W, h33km, mb4.8, South of Fiji Islands

NEIC 05 20:07:08.8, 0.8, 21.57S:179.05W, h571km, 9km, mb4.5/26, Error ellipse: s-maj=10.8km s-min=7.1km az=142.0

ISCJB 05 20:07:10.8, 0.2, 21.59S:179.14W, 0.05, h602km, mb4.4/45, Error ellipse: s-maj=7.8km s-min=5.2km az=141.9

IDC 05 20:07:11.9, 1.5, 21.53S:179.15W, h598km, 16km, mb3.9/21, mb1.0, 4.0/22, mb1mx3.8/40, mbtmp4.8/22, Error ellipse: s-maj=12.8km s-min=10.8km az=102.0

AUST 05 20:07:13.1, 21.10S:179.29W, h600km, ISC 05 20:07:11.6, 0.3, 21.65S:179.12W, 0.08, h602km, n237, s19.02/268, mb4.4/45, 30C-19D, Fiji Islands region

Main table of station data for the left column, including RAOU Raoul Island, AFI Afiamalu, DZM Mont Dzumac, URZ Urewera, etc.

Main table of station data for the middle column, including SSLS Suvaung, KSRS Korea Array, KSAR Wau Array, PETK Petropavlovsk, MYKOM Kota Tinggi, USRUK Ussuriysk Ar., MAW Mawson, etc.

Main table of station data for the right column, including TRPA Tarpa, TRPA Tarpa, KSP Ksiaz, ISLR Istrita, DOPR Dopca, etc.

IDC 05 20:09:51.0, 7.6, 11.43N, 94.03E, h186km, 69km, mb3.2/6, mb1 3.2/7, mb1mx2.9/60, mbtmp3.6/7, Error ellipse: s-maj=71.3km s-min=15.1km az=52.0, Andaman Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes entries for CMAR Chiang Mai Arr, GEYT Alibek, ZALV Zalesovo Beam.

Table with columns for station name, coordinates, and status. Includes stations like ASAR, ARMA, SOEI, BATI, FITZ, STKA, etc.

Table with columns for station name, coordinates, and status. Includes stations like CD2, PETK, LZH, VYND, WMQ, MKAR, ZALV, KSH, MAW, QSPA, etc.

Table with columns for station name, coordinates, and status. Includes stations like KNCD, ULHL, ULHL, ULHL, TKM2, etc.

Table with columns for Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Canterbury Las, McQueen's Vall, Oxford, Lake Taylor, etc.

Table with columns for Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Te Kaha, Puketiti, Urewera, Shannon Statio, etc.

ISCJB 05 21:12:19.8, 0.8, 42.80N, 0.05:77.56E, 0.04, h6km, 6km, Error ellipse: s-maj=8.6km s-min=5.5km az=0.2

Table with columns: Station, Name, Time, Azimuth, Elevation, Frequency, and other technical details. Includes stations like Citeko, Sukabumi, Kuching, Cibinong, etc.

Table with columns: Station, Name, Time, Azimuth, Elevation, Frequency, and other technical details. Includes stations like San Andreas Ge, SMO, SMC, IPM, etc.

Table with columns: Station, Name, Time, Azimuth, Elevation, Frequency, and other technical details. Includes stations like TIA, Tai'an, Granite Mount, Iron Mountain, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Uluog, Dobruska-Polom, Moravsky Berou, Kraliky, Colim, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Kasperke Hory, KHC, KHC, KHC, KHC, KHC, etc.

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

IDC 05 23:54:24.5:21.0, 4.49N:93.54E, h0km, mb4.0/3, mb1 4.0/4, mb1mx3.5/59, mbtmp4.0/4, ML4.5/1, Error ellipse: s-maj=442.4km s-min=110.5km az=143.0, Off west coast of northern Sumatra

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CMAR, H08S2, H08S3, H08S1, MKAR, KURBB, ZALV, etc.

ISCJB 06 00:09:30.4:0.4, 45.01N:0.06:142.66E:0.09, h268km, 4km, mb3/2.7, Error ellipse: s-maj=10.6km s-min=9.6km az=162.0

IDC 06 00:09:31.5:1.1, 45.14N:142.51E, h255km, 16km, mb3.0/7, mb1 3.3/11, mb1mx3.1/28, mbtmp3.7/11, Error ellipse: s-maj=30.5km s-min=16.9km az=160.0

JMA 06 00:09:31.7:0.2, 45.02N:142.51E, h261km, 2km, M2.9, ISK 06 00:09:31.0:0.7, 44.95N:107.142:64E:0.08, h265km, 6km, n27, s106/35, mb3.2/7, Hokkaido region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JSE, JWK2, ASAJ, ASAJ, ASAJ, etc.

WEL 06 18:32:50.1, 43.55S:172.31E, h7km, ML3.6/15.3C, 2D, Error ellipse: s-maj=0.4km s-min=0.3km az=90.0, South Island

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

ISCJB 06 00:24:47.0:0.9, 36.95N:0.07:26.50E:0.04, h6km, 9km, Error ellipse: s-maj=12.2km s-min=5.4km az=11.7

DDA 06 00:24:47.6:0.7, 37.03N:26.48E, h4km, M2.9, ISK 06 00:24:47.5, 36.91N:26.51E, h4km, M2.6, CSEM 06 00:24:48.0:0.3, 36.99N:26.50E, h5km, M2.6, Error ellipse: s-maj=8.0km s-min=4.1km az=179.0

ISC 06 00:24:47.5:1.4, 36.91N:0.06:26.52E:0.03, h17km, 10km, n19, s098/35, Dodecanese Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BODT Bodrum, BDRM Kayabasi, APE Apeiranthos, etc.

IDC 06 00:32:34.8 1.2, 52.89N, 171.18E, h0km, mb3.6/11, mb1.3/8/12, mb1mx3.7/29, mbtmp3.6/12, ML3.0/1, MS2.8/1, Ms1.2/8/1, ms1mx2.3/35, Error ellipse: s-maj=37.5km s-min=19.9km az=174.0

MOS 06 00:32:37.6 1.1, 52.78N, 171.12E, h35km, mb4.1/4, Error ellipse: s-maj=17.8km s-min=9.5km az=28.5

ISCJB 06 00:32:38.0 0.7, 52.80N, 171.00E, h0.08, h35km, mb3.6/11, MS2.6/1, Error ellipse: s-maj=12.5km s-min=6.8km az=2.0

KRSC 06 00:32:40.7 1.8, 52.75N, 170.64E, h79km, 40km, ML4.3

ISC 06 00:32:39.4 0.8, 52.72N, 170.10E, h35km, n54, 176/58, mb3.5/11, Near Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BKI Bering, MKZ Mys Kozlova, KBTR Krutoberegovo, etc.

PETK 0.9nm, 0.3s, baz=92, slow=20, SNR=7.0

PETK 0.7nm, 0.3s, baz=83, slow=26, SNR=3.3

PETK 0.7nm, 0.3s, baz=83, slow=26, SNR=3.3

PETK 0.7nm, 0.3s, baz=83, slow=26, SNR=3.3

PETK 0.7nm, 0.3s, baz=83, slow=26, SNR=3.3

PETK 0.7nm, 0.3s, baz=83, slow=26, SNR=3.3

PETK 0.7nm, 0.3s, baz=83, slow=26, SNR=3.3

PETK 0.7nm, 0.3s, baz=83, slow=26, SNR=3.3

PETK 0.7nm, 0.3s, baz=83, slow=26, SNR=3.3

PETK 0.7nm, 0.3s, baz=83, slow=26, SNR=3.3

PETK 0.7nm, 0.3s, baz=83, slow=26, SNR=3.3

PETK 0.7nm, 0.3s, baz=83, slow=26, SNR=3.3

ISCJB 06 00:34:21.0 0.6, 8.42N, 0.06, 126.05E, 0.05, h34km, mb3.8/5, Error ellipse: s-maj=9.3km s-min=6.3km az=24.9

ISC 06 00:34:21.7 0.8, 8.34N, 0.06, 126.01E, 0.05, h34km, n11, 172/13, mb3.6/5, 1C-1D, Mindanao

Code Station Name Az Phase ID Time Res. Includes stations like BIPH Bislig, BUTP Butuan, BUKP Musuan, etc.

Code Station Name Az Phase ID Time Res. Includes stations like DAV Davao City (W), MATI Mati, FITZ Fitzroy Crossi, etc.

Code Station Name Az Phase ID Time Res. Includes stations like ASAR Alice Springs, USRK Ussuriysk Ar., MKAR Makanchi Array, etc.

Code Station Name Az Phase ID Time Res. Includes stations like FINES FINES Array B, WEL WEL, NEIC NEIC 06 00:35:04.0, etc.

Code Station Name Az Phase ID Time Res. Includes stations like IDC 06 00:35:01.0, MOZ MOZ, WEL WEL, etc.

Code Station Name Az Phase ID Time Res. Includes stations like IDC 06 00:35:03.2, WEL WEL, NEIC NEIC 06 00:35:04.0, etc.

Code Station Name Az Phase ID Time Res. Includes stations like CR LZ Canterbury Las, OXZ Oxford, MOZ McQueen's Vall, etc.

Code Station Name Az Phase ID Time Res. Includes stations like RPZ Rata Peaks, RPZ Rata Peaks, etc.

Code Station Name Az Phase ID Time Res. Includes stations like RPZ Rata Peaks, RPZ Rata Peaks, etc.

Code Station Name Az Phase ID Time Res. Includes stations like RPZ Rata Peaks, RPZ Rata Peaks, etc.

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Code Station Name Az Phase ID Time Res. Includes stations like RPZ Rata Peaks, RPZ Rata Peaks, etc.

Code Station Name Az Phase ID Time Res. Includes stations like RPZ Rata Peaks, RPZ Rata Peaks, etc.

Code Station Name Az Phase ID Time Res. Includes stations like KIWI Mount Morrison, MTW Mavora Lakes, MLZ Mavora Lakes, etc.

Code Station Name Az Phase ID Time Res. Includes stations like KIWI Mavora Lakes, MTW Mavora Lakes, MLZ Mavora Lakes, etc.

Code Station Name Az Phase ID Time Res. Includes stations like KIWI Mavora Lakes, MTW Mavora Lakes, MLZ Mavora Lakes, etc.

Code Station Name Az Phase ID Time Res. Includes stations like KIWI Mavora Lakes, MTW Mavora Lakes, MLZ Mavora Lakes, etc.

Code Station Name Az Phase ID Time Res. Includes stations like KIWI Mavora Lakes, MTW Mavora Lakes, MLZ Mavora Lakes, etc.

Code Station Name Az Phase ID Time Res. Includes stations like KIWI Mavora Lakes, MTW Mavora Lakes, MLZ Mavora Lakes, etc.

Code Station Name Az Phase ID Time Res. Includes stations like KIWI Mavora Lakes, MTW Mavora Lakes, MLZ Mavora Lakes, etc.

Code Station Name Az Phase ID Time Res. Includes stations like KIWI Mavora Lakes, MTW Mavora Lakes, MLZ Mavora Lakes, etc.

Code Station Name Az Phase ID Time Res. Includes stations like KIWI Mavora Lakes, MTW Mavora Lakes, MLZ Mavora Lakes, etc.

Code Station Name Az Phase ID Time Res. Includes stations like KIWI Mavora Lakes, MTW Mavora Lakes, MLZ Mavora Lakes, etc.

Code Station Name Az Phase ID Time Res. Includes stations like KIWI Mavora Lakes, MTW Mavora Lakes, MLZ Mavora Lakes, etc.

Code Station Name Az Phase ID Time Res. Includes stations like KIWI Mavora Lakes, MTW Mavora Lakes, MLZ Mavora Lakes, etc.

Code Station Name Az Phase ID Time Res. Includes stations like KIWI Mavora Lakes, MTW Mavora Lakes, MLZ Mavora Lakes, etc.

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Code Station Name Az Phase ID Time Res. Includes stations like KIWI Mavora Lakes, MTW Mavora Lakes, MLZ Mavora Lakes, etc.

Code Station Name Az Phase ID Time Res. Includes stations like KIWI Mavora Lakes, MTW Mavora Lakes, MLZ Mavora Lakes, etc.

Code Station Name Az Phase ID Time Res. Includes stations like KIWI Mavora Lakes, MTW Mavora Lakes, MLZ Mavora Lakes, etc.

Code Station Name Az Phase ID Time Res. Includes stations like KIWI Mavora Lakes, MTW Mavora Lakes, MLZ Mavora Lakes, etc.

Code Station Name Az Phase ID Time Res. Includes stations like KIWI Mavora Lakes, MTW Mavora Lakes, MLZ Mavora Lakes, etc.

Code Station Name Az Phase ID Time Res. Includes stations like KIWI Mavora Lakes, MTW Mavora Lakes, MLZ Mavora Lakes, etc.

Code Station Name Az Phase ID Time Res. Includes stations like KIWI Mavora Lakes, MTW Mavora Lakes, MLZ Mavora Lakes, etc.

Code Station Name Az Phase ID Time Res. Includes stations like KIWI Mavora Lakes, MTW Mavora Lakes, MLZ Mavora Lakes, etc.

Code Station Name Az Phase ID Time Res. Includes stations like KIWI Mavora Lakes, MTW Mavora Lakes, MLZ Mavora Lakes, etc.

Code Station Name Az Phase ID Time Res. Includes stations like KIWI Mavora Lakes, MTW Mavora Lakes, MLZ Mavora Lakes, etc.

Code Station Name Az Phase ID Time Res. Includes stations like KIWI Mavora Lakes, MTW Mavora Lakes, MLZ Mavora Lakes, etc.

Code Station Name Az Phase ID Time Res. Includes stations like KIWI Mavora Lakes, MTW Mavora Lakes, MLZ Mavora Lakes, etc.

Code Station Name Az Phase ID Time Res. Includes stations like KIWI Mavora Lakes, MTW Mavora Lakes, MLZ Mavora Lakes, etc.

Code Station Name Az Phase ID Time Res. Includes stations like KIWI Mavora Lakes, MTW Mavora Lakes, MLZ Mavora Lakes, etc.

Code Station Name Az Phase ID Time Res. Includes stations like KIWI Mavora Lakes, MTW Mavora Lakes, MLZ Mavora Lakes, etc.

Code Station Name Az Phase ID Time Res. Includes stations like KIWI Mavora Lakes, MTW Mavora Lakes, MLZ Mavora Lakes, etc.

Code Station Name Az Phase ID Time Res. Includes stations like KIWI Mavora Lakes, MTW Mavora Lakes, MLZ Mavora Lakes, etc.

Code Station Name Az Phase ID Time Res. Includes stations like KIWI Mavora Lakes, MTW Mavora Lakes, MLZ Mavora Lakes, etc.

MAN 06 00:34:14, 8.33N, 126.28E, h101km, mb4.6, ML3.5, MS3.4

IDC 06 00:34:18, 0.1, 8.50N, 125.94E, h0km, mb3.8/5, mb1.3/8/5, mb1mx3.5/26, mbtmp3.8/5, Error ellipse: s-maj=58.7km s-min=13.3km az=96.0

ISCJB 06 00:35:05.1 0.4, 33.62S, 172.31E, h0km, mb3.5/3, mb3.5/3, Error ellipse: s-maj=6.2km s-min=4.1km az=139.9

IDC 06 00:35:01.0 1.9, 43.34S, 172.31E, h0km, mb3.5/3, mb1.3/7.4, mb1mx3.6/31, mbtmp3.6/4, ML3.5/3, Error ellipse: s-maj=51.1km s-min=13.2km az=149.0

WEL 06 00:35:04.0 1.1, 43.56S, 172.28E, h15km, ML4.4/32, Error ellipse: s-maj=4.9km s-min=0.4km az=0.0

WEL Felt in the Canterbury region, maximum reported intensity MM 5.

NEIC 06 00:35:04.0, 43.59S, 172.28E, h16km, ML4.4(WEL), After WEL

NEIC Felt [IV] in the Christchurch area.

ISC 06 00:35:03.2 1.1, 43.56S, 172.29E, h0.02, h18km, 2km, n68, 69/94/50, mb3.4/3, 3C-6D, South Island

Code Station Name Az Phase ID Time Res. Includes stations like CR LZ Canterbury Las, OXZ Oxford, MOZ McQueen's Vall, etc.

Code Station Name Az Phase ID Time Res. Includes stations like RPZ Rata Peaks, RPZ Rata Peaks, etc.

Code Station Name Az Phase ID Time Res. Includes stations like RPZ Rata Peaks, RPZ Rata Peaks, etc.

Code Station Name Az Phase ID Time Res. Includes stations like RPZ Rata Peaks, RPZ Rata Peaks, etc.

Code Station Name Az Phase ID Time Res. Includes stations like RPZ Rata Peaks, RPZ Rata Peaks, etc.

Code Station Name Az Phase ID Time Res. Includes stations like RPZ Rata Peaks, RPZ Rata Peaks, etc.

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Code Station Name Az Phase ID Time Res. Includes stations like RPZ Rata Peaks, RPZ Rata Peaks, etc.

Code Station Name Az Phase ID Time Res. Includes stations like RPZ Rata Peaks, RPZ Rata Peaks, etc.

Code Station Name Az Phase ID Time Res. Includes stations like RPZ Rata Peaks, RPZ Rata Peaks, etc.

IDC 06 00:40:12.1 2.6, 52.53N, 171.51E, h0km, mb3.6/3, mb1.3/9/4, mb1mx3.4/40, mbtmp3.6/4, ML2.6/1, Error ellipse: s-maj=89.6km s-min=33.8km az=174.0, Near Islands

Code Station Name Az Phase ID Time Res. Includes stations like PETK Petrapovlovsk, KDAK Kodiak Island, ILAR Eielson Array, etc.

Code Station Name Az Phase ID Time Res. Includes stations like H1N2 WAKE ISLAND Hy 32.94 188 T, H1N3 WAKE ISLAND Hy 32.95 188 T, etc.

Code Station Name Az Phase ID Time Res. Includes stations like H1N1 WAKE ISLAND Hy 32.95 188 T, H1S1 WAKE ISLAND Hy 34.16 188 T, etc.

Code Station Name Az Phase ID Time Res. Includes stations like H1S3 WAKE ISLAND Hy 34.18 188 T, H1S2 WAKE ISLAND Hy 34.18 188 T, etc.

Code Station Name Az Phase ID Time Res. Includes stations like TXAR Lajitas Array, etc.

IDC 06 00:42:06.2 2.2, 52.69N, 171.21E, h0km, mb3.6/5, mb1.3/9/6, mb1mx3.5/29, mbtmp3.7/6, ML2.4/1, Error ellipse: s-maj=65.2km s-min=23.0km az=180.0

Code Station Name Az Phase ID Time Res. Includes stations like PETK Petrapovlovsk, KDAK Kodiak Island, ILAR Eielson Array, etc.

Code Station Name Az Phase ID Time Res. Includes stations like H1N2 WAKE ISLAND Hy 33.23 187 T, H1N3 WAKE ISLAND Hy 33.25 187 T, etc.

Code Station Name Az Phase ID Time Res. Includes stations like H1N1 WAKE ISLAND Hy 33.25 187 T, H1S1 WAKE ISLAND Hy 34.46 187 T, etc.

Code Station Name Az Phase ID Time Res. Includes stations like H1S3 WAKE ISLAND Hy 34.48 187 T, H1S2 WAKE ISLAND Hy 34.48 187 T, etc.

Code Station Name Az Phase ID Time Res. Includes stations like SONM Songino Array, ARCES ARCES Array B, etc.

Code Station Name Az Phase ID Time Res. Includes stations like TXAR Lajitas Array, etc.

WEL 06 00:45:46.3 0.6, 35.42S, 177.62E, h33km, ML4.0/3, Error ellipse: s-maj=7.6km s-min=4.0km az=90.0, Off east coast of North Island

Code Station Name Az Phase ID Time Res. Includes stations like HAZ Te Kaha, WMGZ Waioamatatini S, PUKETI Puketiti, etc.

Code Station Name Az Phase ID Time Res. Includes stations like URZ Urewera, MWZ Matawai, etc.

CSEM 06 00:46:13.1, 38.11N, 26.34W, h8km, ML2.5

PDA 06 00:46:13.1 1.2, 38.11N, 26.34W, h8km, 7km, MD3.7, ML2.5, Error ellipse: s-maj=7.7km s-min=3.1km az=36.0, Azores Islands

Code Station Name Az Phase ID Time Res. Includes stations like PSET Sete Cidades, PSET Ponta Delgada, PDA Ponta Delgada, etc.

Code Station Name Az Phase ID Time Res. Includes stations like PDA Ponta Delgada, PDA Angra Heroismo, ADH Angra Heroismo, etc.

Code Station Name Az Phase ID Time Res. Includes stations like ADH Angra Heroismo, BART Pico Bartolome, BART Pico Bartolome, etc.

Code Station Name Az Phase ID Time Res. Includes stations like PMAN Manadas, PMAN Manadas, PSMA Santa Maria, etc.

Code Station Name Az Phase ID Time Res. Includes stations like PSMA Santa Maria, PSMA Santa Maria, etc.

Code Station Name Az Phase ID Time Res. Includes stations like PSMA Santa Maria, PSMA Santa Maria, etc.

Code Station Name Az Phase ID Time Res. Includes stations like PSMA Santa Maria, PSMA Santa Maria, etc.

6d 1h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include PSMN Pico do Norte, PSNN Pico do Norte, PSNN Prainha do Nor, PPNO Prainha do Nor, PGRA Graciosa, ROSA Rosais, ROSA Rosais, PICO Pico, PCAN Candelaria, PCAN Caldeira.

MOS 06 00:50:25.8±0.7, 55.49N:110.42E, h10km, mb4.0/2, Error ellipse: s-maj=16.5km s-min=7.8km az=54.7

BYKL 06 00:50:27.1±0.2, 55.50N:110.46E, h10km, mb3.5/8, mb1 3.8/13, mb1mx3.6/32, mbtmp3.7/13, ML3.3/5, MS3.0/1, Ms1 3.0/1, ms1mx2.4/40, Error ellipse: s-maj=32.4km s-min=13.5km az=121.0

ISC 06 00:50:26.1±1.1, 55.45N:110.54E, h4km, 8km, n60, e194/84, mb3.6/8, 6C-2D, Lake Baykal region

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include KMO Kumora, NIZ Nizh Angarsk, YOA Uoyan, OGRG Ongureny, BOD Bodaibo, TRG Tyrgan, CIT Chita, UUDB Ulan-Yde, HRMR Khuramsha.

2010 SEP

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include HRMR Chara, IRK Irkutsk, LSTR Listvyanka, TUP Tupik, TLY Talaya, ZAK Zakamensk, ARS Arshan, MOY Mondy, SONM Soginoy Array, HVS Khovu-Aksy, YAK Yakutsk, ZALV Zalesovo Beam, USRK Ussuriysk Arr, MKAR Makanchi Array, KURK Kurchatov, KURBB Kurchatov Arr.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include BVAR Borovoye Array, BRVK Borovoye, FINES FINESS Array, ILAR Eielson Array, AKASG Malin Array, NB2 NORSAR Subarra, NOA NORSAR Array, BRTR Keskin Array, ESCD Sonseca Array, TORD Torodi Arr.

WEL 06 01:02:16.7±0.1, 43.54S:172.41E, h8km, 1km, ML3.3/9, 1C-3D, Error ellipse: s-maj=0.7km s-min=0.7km az=0.0, South Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include CRLZ Canterbury Las, MOZ McQueen's Vall, OXF Oxford, LTZ Lake Taylor, RATA Rata Peaks, WVZ Waitaha Valley, KAH Kahutara, LBZ Lake Benmore, ODZ Otaheke Downs, FOX Fox Glacier.

IGQ 06 01:04:51.0±7.2, 79S:79.88W, h5km, 82km, Mb4.1/5C, Error ellipse: s-maj=5.4km s-min=2.3km az=12.0, Near coast of Ecuador

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include RIOE Riobamba, IGUA Igualata, BMAS Trigal station, ARRY Arrayan, EST Estacion Bilba, CHIS Cerro-Chispas, BBIL Ulba Tungurahua, BPAT Tungurahua Vol, RETU Refugio, JUUE Juive, BULB Ulba Tungurahua, BRUN Runtun, BRUN Tungurahua Vol, MANC Mancha de Ca P, PISA Pisayambo, PAST Pastocalle, BMOR Cotopaxi Volca, CAMI Rancho Maria, MOV1 Cotopaxi Vol s, BNAS Cotopaxi Volca, BREF Cotopaxi Volca, NAS2 Nasa, BTAM Cotopaxi Volca, TAMB Tambo, KCV Cotopaxi 1, COV1 Cotopaxi Volc, PITA Cotopaxi Volc, MAG1 Magdalena, ANTI Antisana, TERR Terraza Guagua, GGP Refugio Guagua, PINO Pino, YANA Yana, GOLV Golondrinas, GOLV Golondrinas, OTAV Otavalo, OTAV Otavalo, COTA Cotacachi, URCU Urcuqui, LITE Lita.

NEIC 06 01:14:13.4±1.01N:125.41W, h24km, MD3.0(NCEDC), 4/11, NCEDC

ISC 06 01:14:18.2±2.9, 41.03N:077.1253W, 0.1, h8km, 15km, n17, c080/25, Off coast of northern California

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include KHMM Horse Mountain, L02D Cave Junction, KIPM Iron Peak, M02C Huckleberry Hill, M02C Timnity Center, YBH Yreka Blue Hor, WDC Whiskeytown Da, HUMO Hulo Mountain, LHEM Herd Peak, UMPQ Umpqua Communi, M04C Macdoel, M04C Paynes Creek, O03D Drain, HBO Huckleberry Hill, MOD Modoc, CMB Columbia Colle, G05D Wamic, OR.

IDC 06 01:14:59.4±4.7, 15.26S:173.34W, h0km, mb3.6/2, mb1 3.9/3, mb1mx3.6/20, mbtmp3.6/3, ML3.3/1, Error ellipse: s-maj=239.6km s-min=28.0km az=145.0, Tonga

Table with columns: EAZ, EAZ, TUZ, TUZ, Tuapeka, 3.08 219, AML, AML, AML, AML, 02 10 55.8, 02 10 55.9, 02 11 11.6, 02 11 12.7

CSEM 06 02:20:54.7.38'08N.26'39W, h2km, ML2.2
PDA 06 02:20:54.7.0.9.38'08N.26'39W, h2km, 4km, MD3.6,
ML2.2, Error ellipse: s-maj=6.9km s-min=1.4km az=33.0,
Azores Islands

Main table for Azores Islands with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, h, m, s, ISC, Time, Res

NEIC 06 02:48:17.1, 43'67S: 172'43E, h5km, ML4.1 (WEL), After
WEL.
NEIC Felt in the Christchurch area.
WEL 06 02:48:17.5.0.1, 43'65S: 172'46E, h8km, ML4.1/28, 1C-7D,
Error ellipse: s-maj=0.5km s-min=0.5km az=0.0, South
Island

Main table for South Island with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, h, m, s, ISC, Time, Res

Table with columns: DUWZ, DUWZ, TUZ, TUZ, TUZ, Tuapeka, 3.06 220, AML, AML, AML, AML, 02 49 48.6, 02 49 50.8, 02 50 05.9, 02 50 06.0, 02 50 07.3, 02 50 07.9, 02 49 04.5 -1.7, 02 49 05.1 -2.9, 02 49 46.5, 02 49 51.7, 02 49 51.7 -2.2, 02 49 30.1 -2.6, 02 49 47.6, 02 49 07.4 -2.9, 02 49 08.9 -2.9, 02 50 00.3, 02 50 00.4, 02 50 00.2, 02 50 00.6, 02 50 27.3, 02 50 30.5, 02 49 16.3 -1.7, 02 49 30.1 -2.6, 02 50 23.9 +0.4, 02 49 23.3 -2.5, 02 50 28.5

ISCJB 06 02:49:47.1±0.2, 11:04N:0.04±85'37W:0'03, h163km±2km,
mb4.7/125, Error ellipse: s-maj=6.6km s-min=2.9km

NEIC 06 02:49:48.5±0.2, 11:01N:85'41W, mb4.9/105, Error
ellipse: s-maj=5.4km s-min=3.3km az=216.0,
NEIC Felt at Managua. Also felt at Belen, Quepos and San
Marcos, Costa Rica.

IDC 06 02:49:48.2±0.6, 11:19N:85'22W, h158km±5km, mb4.1/25,
ms1.4/2.26, mb1mx2.4/2.30, mbtmp4.5/2.6, MSJ3.2/2,
ms1.3/2.2, ms1mx2.6/2.6, Error ellipse: s-maj=13.5km
s-min=7.7km az=59.0

Bull 06 02:49:49.1, 11:00N:85'40W, h166km, mb5.0/4
CASC 06 02:49:49.2±2.9, 11:52N:85'01W, h100km, MD4.4, ML4.3,
mb4.9/VEIC

ISC 06 02:48:04.0, 11:01N:0.05±85'42W:0'05, h157km±3km,
h157km±pp-P, n551, ±0.9/99/591, mb4.7/125, 21C-1D,
Nicaragua

Main table for Nicaragua with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, h, m, s, ISC, Time, Res

Main table for other stations with columns: Code, Station Name, Az, AZ, Phase ID, Op, ISC, h, m, s, ISC, Time, Res

133A	baz=25,SNR=22 Hamilton Ranch baz=25,SNR=9.3	24.83 332	P	P	02 54 57.2 +1.4
Y36A	Durant baz=25	24.86 338	P	P	02 54 56.7 +0.7
HBAR	Harrisburg	24.89 350	eP	P	02 54 56.8 +0.6
TX31	Lajitas Ar. Si	24.95 320	eP	P	02 54 56.9 -0.1
TXAR	Lajitas Arroyo comp=Z,1.1nm,0.5s,baz=146,slow=9.5,SNR=127	24.95 320	eP	P	02 54 57.4 +0.4
TXAR	comp=Z,7.3nm,0.8s,baz=140,slow=10,SNR=5.9		P	P	02 55 30.6 +1.1
TXAR	comp=Z,2.6nm,0.8s,baz=139,slow=5.3,SNR=11		P	P	02 58 29.4 +1.1
TXAR	comp=Z,1.0nm,0.9s,baz=132,slow=5.4,SNR=9.1		P	P	03 01 53.7 +0.9
231A	Bronte baz=25	24.95 329	P	P	02 54 59.0 +2.1
330A	Mertzton baz=25,SNR=15	24.99 327	P	P	02 54 57.6 +0.3
Z34A	Collier Ranch, baz=25	25.03 335	P	P	02 54 58.1 +0.5
X38A	Whitesboro baz=25,SNR=8.1	25.06 341	P	P	02 54 58.2 +0.4
CNCC	Cliffs of the comp=Z,0.3nm,0.8s	25.07 15	eP	P	02 54 58.0 +0.1
WVT	Waverly comp=Z,2.8nm,0.8s	25.10 355	eP	P	02 54 57.8 -0.4
WVT			eP	P	02 58 27.1 -1.2
Y35A	Marietta baz=25,SNR=9.8	25.15 337	P	P	02 54 59.9 +1.3
X37A	Clayton baz=25,SNR=14	25.16 340	P	P	02 54 59.4 +0.7
ABTX	Abilene, Hawle baz=25	25.18 331	P	P	02 55 00.5 +1.5
ABTX	Abilene, Hawle comp=Z,8.1nm,0.6s	25.18 331	eP	P	02 55 00.1 +1.1
GNAR	Gosnell comp=Z,4.62nm,0.8s	25.19 351	eP	P	02 54 58.8 -0.1
Z33A	Whitaker Ranch baz=25	25.33 333	P	P	02 55 00.9 +0.6
230A	Sterling City baz=25	25.33 327	P	P	02 55 01.1 +0.7
W38A	Poteau baz=25,SNR=15	25.34 342	P	P	02 55 01.2 +0.9
UTMT	University of comp=Z,1.54nm,1.2s	25.41 354	eP	P	02 55 00.8 -0.1
TZTN	Tazewell comp=Z,4.3nm,0.9s	25.48 4	eP	P	02 55 02.3 +0.7
Y34A	Reagan Ranch, baz=26	25.48 336	P	P	02 55 02.0 +0.4
X36A	Centrahoma baz=26,SNR=15	25.48 339	P	P	02 55 02.0 +0.3
X35A	Drake baz=26,SNR=9.3	25.56 337	P	P	02 55 02.5 +0.1
131A	Roby baz=26	25.58 330	P	P	02 55 03.0 +0.4
Z32A	Haskell baz=26,SNR=19	25.67 332	P	P	02 55 03.7 +0.3
W37A	Quinton baz=26,SNR=7.6	25.68 341	P	P	02 55 04.2 +0.8
229A	Bryant Ranch, baz=26	25.77 327	P	P	02 55 04.5 +0.2
130A	Snyder baz=26	25.81 329	P	P	02 55 05.2 +0.5
PARMO	Parma baz=26,SNR=8.7	25.84 352	eP	P	02 55 04.2 -0.6
Y33A	Hilltop Ranch, baz=26,SNR=8.7	25.88 334	P	P	02 55 05.4 +0.2
W36A	Wetumka baz=26	25.95 339	P	P	02 55 06.1 +0.3
Z31A	Sharp Cattle R baz=26	25.99 331	P	P	02 55 06.7 +0.4
V38A	Canehill baz=26,SNR=9.4	26.05 343	P	P	02 55 06.6 -0.1
PBMO	Poplar Bluff comp=Z,5.2nm,1.3s	26.05 351	eP	P	02 55 06.5 -0.2
X34A	Smith Ranch, M baz=26,SNR=5.4	26.07 336	P	P	02 55 07.2 +0.3
W35A	Tecumseh baz=26	26.19 338	P	P	02 55 08.3 +0.2
Y32A	R-V Farms, Ver baz=26	26.23 333	P	P	02 55 08.3 -0.2
V37A	Hulbert baz=26,SNR=6.9	26.28 342	P	P	02 55 09.2 +0.4
X33A	Lawton baz=26,SNR=10	26.29 335	P	P	02 55 08.7 -0.2
129A	Stewart Farms, baz=26	26.31 327	P	P	02 55 09.0 -0.2
228A	UT Block 9, Go baz=26	26.31 326	P	P	02 55 09.6 +0.3
Z30A	Sanderson Ranc baz=26	26.44 329	P	P	02 55 10.3 -0.1
V36A	Jenks baz=27	26.45 341	P	P	02 55 10.9 +0.6
BLA	Blacksburg comp=Z,1.17nm,1.5s	26.47 9	eP	P	02 55 11.6 +1.0
TUL1	Tulsa baz=27,SNR=5.1	26.51 341	P	P	02 55 11.0 +2.1
TUL1	Tulsa comp=Z,1.8nm,1.0s	26.51 341	eP	P	02 55 09.8 -1.1
X32A	Clmer baz=27	26.52 334	P	P	02 55 11.2 +0.2
SLBS	Sierra La Lagu comp=Z,2.2nm,0.8s	26.53 302	eP	P	02 55 15.7 +4.4
WMOK	Wichita Mounta comp=Z,1.6nm,1.1s	26.57 335	eP	P	02 55 11.3 -0.2
Y31A	Rekieta Farm, baz=27	26.57 332	P	P	02 55 11.7 +0.2
VWCC	Virginia Weste baz=27	26.58 10	eP	P	02 55 12.6 +1.1
U38A	Gravette baz=27,SNR=6.0	26.58 344	P	P	02 55 11.2 -0.3
W34A	Bridge Creek, baz=27,SNR=11	26.60 337	P	P	02 55 11.5 -0.2
W34A	Bridge Creek, comp=Z,3.9nm,0.7s	26.60 337	eP	P	02 55 11.0 -0.8
128A	Castleberry Fa baz=27	26.63 326	P	P	02 55 11.6 -0.6
Z29A	Hungry Hill Ra baz=27,SNR=12	26.72 328	P	P	02 55 12.3 -0.3
V35A	Meyer Ranch, C baz=27,SNR=6.9	26.73 339	P	P	02 55 12.6 -0.3
U37A	Salina baz=27	26.76 342	P	P	02 55 12.9 -0.2
W33A	Caddo, Fort Co baz=27	26.80 336	P	P	02 55 13.4 -0.1
SIUC	Southern Illin comp=Z,7.5nm,1.0s	26.81 353	eP	P	02 55 13.3 -0.2
Y30A	Stafford Catti baz=27	26.81 331	P	P	02 55 13.4 -0.3
USIN	University of comp=Z,6.7nm,1.1s	26.91 356	eP	P	02 55 14.4 -0.1
U36A	Oologah baz=27	26.93 341	P	P	02 55 14.8 +0.2
X31A	McDonald Ranch baz=27,SNR=7.1	27.00 333	P	P	02 55 15.6 +0.2
V34A	Guthrie baz=27,SNR=7.7	27.04 338	P	P	02 55 15.1 -0.5
Z28A	Tucker Farm, M baz=27,SNR=7.5	27.09 328	P	P	02 55 15.7 -0.5
W32A	Sentinel baz=27	27.10 335	P	P	02 55 16.2 0.0
WCI	Wyandotte Cave comp=Z,2.81nm,0.9s	27.11 358	eP	P	02 55 15.8 -0.4
Y29A	Porterfield Fa baz=27,SNR=9.6	27.17 329	P	P	02 55 17.1 +0.1
U35A	Pawnee comp=Z,1.6nm,1.1s	27.24 340	P	P	02 55 17.1 -0.3
X30A	Coker Ranch, T baz=27	27.26 331	P	P	02 55 17.7 +0.1
V33A	Lossen Ranch, baz=27	27.32 337	P	P	02 55 18.5 +0.4
T37A	Cheneyville 18 baz=28,SNR=14	27.37 343	P	P	02 55 18.2 -0.3
URVA	University of 27.38 14	eP	P	02 55 19.6 +1.0	
JSFW	J. Sargeant Fe 27.42 13	eP	P	02 55 19.5 +0.6	
Y28A	McKinney Farm, baz=28	27.50 329	P	P	02 55 20.0 +0.1
V32A	Arapaho baz=28	27.53 336	P	P	02 55 20.2 +0.2
U34A	Anderson Ranch baz=28	27.58 339	P	P	02 55 20.5 0.0
T36A	Boggs Farm, Ca baz=28,SNR=7.1	27.59 342	P	P	02 55 20.2 -0.3
T35A	Sooner Cattle baz=28	27.66 341	P	P	02 55 21.6 +0.5
OLIL	Olney comp=Z,3.7nm,0.8s	27.71 355	eP	P	02 55 21.4 -0.1
U33A	Lingo Farm, Me baz=28	27.79 338	P	P	02 55 22.4 +0.1

MSTX	Muleshoe baz=28	27.82 328	P	P	02 55 22.8 +0.1
MSTX	Muleshoe SLM	27.82 328	eP	P	02 55 22.9 +0.2
214A	Saint Louis comp=Z,5.1nm,1.2s	27.84 352	eP	P	02 55 59.4 +3.7
PTGA	Pitinga comp=Z,7.0nm,0.8s,baz=307,slow=8.9,SNR=20	27.87 113	P	P	02 55 23.8 +0.5
PTGA	comp=Z,7.4nm,19.7s,baz=298,slow=42		LR	LR	03 09 19.3
S37A	Fort Scott baz=28,SNR=8.9	27.94 344	P	P	02 55 24.3 +0.7
X28A	Dimmitt baz=28	27.96 329	P	P	02 55 24.6 +0.6
T34A	McClaskey Farm baz=28	27.98 340	P	P	02 55 24.1 +0.1
AMTX	Amarillo baz=28	28.00 331	P	P	02 55 24.1 -0.2
CBN	Cotbin comp=Z,5.2nm,0.7s	28.02 14	eP	P	02 55 25.6 +1.3
BLO	Bloomington baz=28	28.06 358	eP	P	02 55 24.4 -0.2
S36A	Lak Cedric, C baz=28,SNR=14	28.12 343	P	P	02 55 24.9 -0.3
S35A	Otter Creek Ra baz=28,SNR=5.8	28.30 342	P	P	02 55 26.5 -0.3
S34A	Willow Spring baz=28	28.57 340	P	P	02 55 29.3 +0.1
BBSR	BB Station comp=Z,3.1nm,0.8s	28.57 39	eP	P	02 55 31.4 +2.1
V29A	Stinnett baz=29	28.73 332	P	P	02 55 31.2 +0.5
U30A	WK&E Inc. Balk baz=29	28.89 334	P	P	02 55 32.2 0.0
Q37A	Longview Farm, baz=29	28.89 345	P	P	02 55 32.3 +0.2
V28A	Channing baz=29	28.96 331	P	P	02 55 33.2 +0.3
R34A	Isabella, Hill baz=29	29.16 341	P	P	02 55 34.4 0.0
ACSO	Alum Creek Sta comp=Z,6.4nm,0.8s	29.18 4	eP	P	02 55 34.9 +0.3
Q36A	Arnold C. Orve baz=29	29.24 344	P	P	02 55 35.2 +0.1
SFIN	Scholer Farm baz=29,SNR=17	29.29 357	P	P	02 55 35.1 -0.4
SFIN	Scholer Farm comp=Z,5.4nm,0.8s	29.29 357	eP	P	02 55 34.7 -0.8
SDMD	Soldier's Deli comp=Z,1.6nm,1.0s	29.30 14	eP	P	02 55 36.4 +0.8
Q35A	Merger Eighty, baz=29	29.30 343	P	P	02 55 36.0 +0.3
U28A	Mallet baz=29	29.47 332	P	P	02 55 36.5 -0.9
Q34A	Chesman baz=30	29.63 342	P	P	02 55 39.0 +0.4
KSU1	Kansas State U baz=30	29.70 342	P	P	02 55 39.2 0.0
121A	Cookes Peak, D baz=30	29.71 320	P	P	02 55 39.4 -0.1
121A	Cookes Peak, D comp=Z,7.1nm,0.8s	29.71 320	eP	P	02 55 40.5 +0.9
SAML	Samuel comp=Z,1.5nm,0.8s	29.77 331	eP	P	02 55 38.8 -0.7
R32A	Long Quarter, baz=30	29.77 339	P	P	02 55 39.7 -0.2
P36A	Good Intent, A baz=30	29.79 345	P	P	02 55 39.4 -0.6
U27A	Thompson Grove baz=30	29.79 331	P	P	02 55 39.5 -0.7
P35A	Duane Minner, baz=30	29.92 343	P	P	02 55 41.1 -0.1
R31A	Burdett baz=30	29.95 337	P	P	02 55 41.6 +0.1
MV1	Millersville baz=30	29.97 14	eP	P	02 55 43.0 +1.4
Q33A	Connelly Farm, baz=30,SNR=6.6	29.99 340	P	P	02 55 41.9 +0.2
T28A	Walsh baz=30	30.03 333	P	P	02 55 42.2 -0.1
P34A	Walnut Farm, R baz=30	30.17 342	P	P	02 55 43.4 0.0
Q32A	Meyer Ranch, baz=30	30.23 339	P	P	02 55 43.6 -0.3
SSPA	Standing Stone comp=Z,4.4nm,1.0s	30.25 11	eP	P	02 55 44.5 +0.5
T27A	Campo comp=Z,1.9nm,1.7s	30.26 332	P	P	02 55 43.9 -0.4
S28A	Manter baz=30	30.32 333	P	P	02 55 44.7 -0.1
Q31A	Ellis baz=31	30.53 338	P	P	02 55 46.3 -0.3
ANMO	Albuquerque comp=Z,2.7nm,0.8s	30.57 325	eP	P	02 55 48.4 +1.3
Q34A	Beatrice baz=31	30.72 343	P	P	02 55 48.2 0.0
L26A	Comanche Natio baz=31	30.76 331	P	P	02 55 47.9 -0.9
LUPA	Lehigh Univers comp=Z,1.94nm,2.5s	30.78 15	eP	P	02 55 50.8 +2.2
P32A	Hulting Farm, baz=31,SNR=10	30.81 340	P	P	02 55 48.5 -0.5
Q30A	Quinter baz=31	30.82 337	P	P	02 55 49.0 -0.1
O33A	Hebron baz=31	30.89 342	P	P	02 55 49.8 -0.7
R28A	Tribune baz=31,SNR=7.4	30.91 334	P	P	02 55 50.2 +0.2
P31A	Stockton baz=31	30.98 339	P	P	02 55 51.1 +0.5
Q29A	Oakley baz=31	31.04 336	P	P	02 55 50.8 -0.3
S26A	Kim baz=31,SNR=7.2	31.06 332	P	P	02 55 50.7 -0.6
N35A	Tabo baz=31,SNR=6.3	31.07 345	P	P	02 55 51.0 -0.2
T25A	Trinidad baz=31	31.13 330	P	P	02 55 52.1 0.0
O32A	Brockman Farm, baz=31	31.27 341	P	P	02 55 52.5 -0.6
R27A	Eads baz=31	31.30 333	P	P	02 55 53.5 +0.1
P30A	Selden baz=31	31.32 338	P	P	

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error, Azimuth Rate Error, Elevation Rate Error. Includes stations like Dupre, AnnSam, Waubun, Midwest, Springville, Limon Verde, etc.

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error, Azimuth Rate Error, Elevation Rate Error. Includes stations like Schefferville, EDM, Fort Churchill, Torquist, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error, Azimuth Rate Error, Elevation Rate Error. Includes stations like Ende, Flores, Maumere, etc.

WEL 06 03:05:26.2±0.1, 43:56S×172:40E, h10km, ML3.5/12, 1C-4D, Error ellipse: s-maj=0.7km s-min=0.6km az=0.0, South Island

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error, Azimuth Rate Error, Elevation Rate Error. Includes stations like Canterbury Las, McQueen's Vall, etc.

NEIC 06 03:07:42.2, 43:60S×172:38E, h8km, ML4.3(WEL), After WEL

NEIC Felt [V] in the Christchurch area. WEL 06 03:07:42.2±0.0, 43:56S×172:39E, h10km, ML4.3/31, 2C-4D, Error ellipse: s-maj=0.4km s-min=0.3km az=0.0, South Island

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error, Azimuth Rate Error, Elevation Rate Error. Includes stations like Canterbury Las, McQueen's Vall, etc.

ISCJB 06 03:00:03.1±0.5, 8:32S×0:05:121:84E:0:07, h10km, mb3.6/3, MS3.9/2, Error ellipse: s-maj=10.5km, IDIC 06 03:00:03.2±1.3, 8:07S:122:27E, h0km, mb3.6/3, mb1 3.8/8, mb1mx3 6/26, mb1mx3 6/8, ML3.5/4, MS3.1/7, Ms1 3.1/7, ms1mx2 9/29, Error ellipse: s-maj=108.4km, s-min=17.8km az=59.0, DJA 06 03:00:06.1±0.3, 8:54S×12:2E, h10km, M4.2/11, ML4.2/11, AUST 06 03:00:09.5, 8:00S×121:99E, h10km, ISC 06 03:00:04.6±0.7, 8:37S×0:05:121:77E:0:07, h10km, n26,

Table with columns: Station Name, Station ID, Azimuth, Elevation, Frequency, Mode, and other technical details for various stations.

Table with columns: Station Name, Station ID, Azimuth, Elevation, Frequency, Mode, and other technical details for various stations.

Table with columns: Station Name, Station ID, Azimuth, Elevation, Frequency, Mode, and other technical details for various stations.

CASC 06:03:07:57.1±2.4, 11.899N:87.01W, h0km±17km, MD4.1, 1C,

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details for stations near coast of Nicaragua.

ISC/JB 06:03:08:52.4±0.3, 6.06N:0.02x126.23E±0.03, h72km±3km,

ISC/JB 06:03:08:52.4±0.3, 6.06N:0.02x126.23E±0.03, h72km±3km, mb4.5/70, Error ellipse: s-maj=4.7km s-min=2.7km az=166.7

MOS 06:03:08:52.6±1.3, 6.06N:126.13E, h76km, mb4.9/24, Error ellipse: s-maj=11.2km s-min=6.7km az=99.3

IDC 06:03:08:53.7±0.8, 6.08N:126.12E, h74km, mb4.3/34, mb1.4/3/38, mb1mx4.3/40, mbtmp4.6/38, MS3.2/4, Ms1.3/2.4, ms1mx2.9/28, Error ellipse: s-maj=13.9km s-min=7.6km az=80.0

AUST 06:03:08:53.6±0.0, 6.10N:126.26E, h78km, Error ellipse: s-maj=1.0km s-min=0.9km az=331.0

MAN 06:03:08:53.6±0.4, 6.04N:126.09E, h42km, mb5.7, ML4.7, MS5.1

MAN INTENSITY IV - SAN MARCELINO DAVAO DEL SUR; INTENSITY III - GOV GENESCO DAVAO DEL SUR AND MALITA DAVAO DEL SUR; INTENSIT GENERAL SANTOS CITY AND PADADA DAVAO DEL SUR.

DJA 06:03:08:53.0±2.5, 6.14N×12.6E±, h10km, MS.0/21, mb5.2/21, mb5.4/15, ML5.4/10, Mw(mb)4.9/15

NEIC 06:03:08:54.8±0.7, 6.06N:126.14E, h82km, mb4.6/26, Error ellipse: s-maj=7.0km s-min=4.7km az=77.0

NEIC FELT [V PIVS] at Talagutong, [III PIVS] at Malita and Sigaboy and [II PIVS] at General Santos.

BUI 06:03:08:54.2±6.1, 6.13N:126.13E, h76km, mb4.8/42, mb4.8/29, MS4.4/19, MS7.4/19

ISC 06:03:08:54.3±0.4, 6.10N:0.03-126.25E±0.05, h76km±3km, h268, ±155/311, mb4.6/69, 6C-2D, Mindanao

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Mode, and other technical details for stations near coast of Mindanao.

Table with columns: Station Name, Station ID, Azimuth, Elevation, Frequency, Mode, and other technical details for various stations.

Table with columns: Station Name, Station ID, Azimuth, Elevation, Frequency, Mode, and other technical details for various stations.

Table with columns: TXAR, Lajitas Array, 72.04 333 P, 03 32 11.2 +0.4, etc. Includes various station codes and coordinates.

Table with columns: CD2, Chengdu, 173.24 161 PKP, 03 40 56.6 +0.6, etc. Includes station codes and coordinates.

MEX 06 03:33:16.1-0.6, 13:98N-92:17W, h15km, MD3.8, Off coast of Chiapas

Table with columns: Code, Station Name, Δ°, AZZ, Op, Phase ID, ISC, Time, Res, etc.

NEIC 06 03:34:46.9, 43:46S-172:18E, h6km, ML4.2(WEL), After WEL

NEIC FEL at Ashburton, Christchurch and Darfield. WEL 06 03:34:47.0-0.1, 43:46S-172:17E, h6km, ML4.3/28, 1C-4D, Error ellipse: s-maj=0.4km s-min=0.4km az=90.0, South Island

Large table with columns: Code, Station Name, Δ°, AZZ, Op, Phase ID, ISC, Time, Res, etc. Lists numerous stations and their coordinates.

Table with columns: Code, Station Name, Δ°, AZZ, Op, Phase ID, ISC, Time, Res, etc. Includes station codes and coordinates.

GUC 06 03:36:32.3-0.5, 37:64S-73:40W, h14km, 6km, ML4.7, Near coast of central Chile

Table with columns: Code, Station Name, Δ°, AZZ, Op, Phase ID, ISC, Time, Res, etc.

ISCJB 06 03:38:29.4-0.7, 38:73N-0:02-26:33E, h11km, 5km, Error ellipse: s-maj=6.3km s-min=3.9km az=175.4

CSEM 06 03:38:29.0-0.2, 38:70N-26:41E, h15km, MD2.8, Error ellipse: s-maj=4.7km s-min=3.2km az=83.0

ATH 06 03:38:30.1, 38:71N-26:42E, h18km, 6km, MD2.8/4

ISC 06 03:38:29.8-1.2, 38:70N-0:02-26:41E, h13km, 10km, n20, c#44/38, Aegean Sea

Table with columns: Code, Station Name, Δ°, AZZ, Op, Phase ID, ISC, Time, Res, etc. Lists numerous stations and their coordinates.

GUC 06 03:50:52.5-0.3, 37:41S-73:70W, h27km, 2km, ML4.3, Near coast of central Chile

Table with columns: Code, Station Name, Δ°, AZZ, Op, Phase ID, ISC, Time, Res, etc.

WEL 06 03:51:32.7-0.1, 43:48S-172:16E, h5km, ML3.3/9, 2C-3D, Error ellipse: s-maj=0.9km s-min=0.8km az=90.0, South Island

Table with columns: Code, Station Name, Δ°, AZZ, Op, Phase ID, ISC, Time, Res, etc. Lists numerous stations and their coordinates.

Table with columns: BILL, Bilibino, 73.70, 9 eP, P, 04 13 56.1 +1.4, etc. Includes stations like Vanda, NVA, KSH, ZAAO, ZALV, etc.

IDC 06 04:08:02.1±1.3, 42.25N-83.37E, h0km, mb3.7/5, mb1.3/7.10, mb1mx3.5/30, mbtmp3.6/10, ML3.1/5, Error ellipse: s-maj=32.3km s-min=16.6km az=77.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PDGK, MK31, MKAR, etc.

Table with columns: KURBB, Kurchatov Arra, 9.05 340, Pn, 04 10 14.8 +0.4, etc. Includes stations like KURBB, KK31, ZALV, etc.

BKK 06 04:13:11.8±1.9, 21°N-13°10'30"E, h10km, M3.8/3, MLV3.8/3, ISCJB 06 04:13:16.9±1.6, 21°8'N-02°10'19.9E, 0.1, h10km, Error ellipse: s-maj=30.1km s-min=6.6km az=155.3

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

WEL 06 04:20:31.8±0.1, 43.59Sx172.54E, h9km, ML3.6/13, 1C-3D, Error ellipse: s-maj=1.0km 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, MOZ, OXF, etc.

CSEM 06 04:41:06.6, 38°14'N-26°08'W, h12km, ML1.9, PDA 06 04:41:06.6±1.0, 38.14N-26.08W, h12km, 14km, MD3.5, ML1.9, Error ellipse: s-maj=10.7km s-min=6.5km

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

WEL 06 05:20:57.4±0.0, 43.56Sx172.07E, h10km, ML3.5/11, 2C-2D, Error ellipse: s-maj=0.4km s-min=0.4km az=90.0, South Island

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

Table with columns: THZ, Earnsclough, 2.59 229, AML, AML, 05 22 05.7, etc. Includes stations like EAZ, ORZ, etc.

MAN 06 05:20:59.7, 80N-122.04E, h24km, mb4.5, ML3.4, MS3.3, 4C-1D, Mindanao

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

CSEM 06 05:32:17.7, 37°51'N-25°01'W, h11km, ML1.5, PDA 06 05:32:17.7±0.7, 37.75N-25.01W, h11km, 3km, MD3.5, ML1.5, Error ellipse: s-maj=10.4km s-min=1.9km

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

WEL 06 05:39:50.0±0.1, 43.62Sx172.49E, h5km, ML3.5/14, 1D, Error ellipse: s-maj=1.2km s-min=1.1km az=0.0, South Island

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

DDA 06 05:44:04.1, 37°84'N-29°18'E, h11km, MD2.8, ISK 06 05:44:04.9, 37°87'N-29°08'E, h5km, MD2.6, ISCJB 06 05:44:05.1±0.6, 37°86'N-02°03'29.14E, 0.04, h2km, 7km, Error ellipse: s-maj=5.6km s-min=4.2km az=28.3

CSEM 06 05:44:05.2±0.3, 37°85'N-29°16'E, h2km, MD2.6, Error ellipse: s-maj=6.3km s-min=4.4km az=122.0, ISC 06 05:44:05.1±1.0, 37.85N-02°29'16E, 0.03, h7km, 9km, n22, -056/93, Turkey

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

6d 6h

Table with columns: GDZ, Station Name, Az, Phase, ID, Time, Res. Includes entries for Gediz, Suhut-Afyon, and Suhut-Afyon.

NEIC 06 06:01:52.5, 43°61'S, 172°36'E, h8km, ML4.5(WEL), After WEL.

NEIC Felt strongly in the Christchurch area.

WEL 06 06:01:52.9±0.0, 43.575°S, 172.38E, h8km, ML4.5/35, 2C-5D, Error ellipse: s-maj=0.4km s-min=0.3km az=0.0, South Island

Main table listing seismic stations across the South Island, including Canterbury Las, McQueen's Vall, Oxford, Lake Taylor, Rata Peaks, and others.

NEIC 06 06:13:27.9, 43°64'S, 172°53'E, h5km, ML3.8(WEL), After WEL.

NEIC Felt in the Christchurch area.

WEL 06 06:13:28.1±0.1, 43.635°S, 172.56E, h7km, ML3.8/18, 3C-3D, Error ellipse: s-maj=0.6km s-min=0.4km az=90.0, South Island

Table listing seismic stations for the second event, including Canterbury Las, McQueen's Vall, Oxford, and others.

2010 SEP

Main table listing seismic stations across the North Island, including Lake Taylor, Rata Peaks, Kahutara, Waitaha Valley, Lake Benmore, and others.

NEIC 06 06:19:26.1, 43°63'S, 172°29'E, h5km, ML3.9(WEL), After WEL.

NEIC Felt in the Christchurch area.

WEL 06 06:19:26.8±0.1, 43.595°S, 172.34E, h8km, ML3.9/20, 4C-3D, Error ellipse: s-maj=0.4km s-min=0.4km az=0.0, South Island

Main table listing seismic stations across the North Island, including Canterbury Las, McQueen's Vall, Oxford, Lake Taylor, Rata Peaks, Kahutara, Waitaha Valley, Lake Benmore, and others.

NEIC 06 06:19:35.4±1.0, 37°23'N, 149°28'E, h12km, g1km, Error ellipse: s-maj=24.5km s-min=7.6km az=145.8

DDA 06 06:19:35.2, 37°24'N, 149°28'E, h7km, MD2.6

ISC 06 06:19:35.5±1.4, 37.21N, 149.07E, 28.24E, h12km, g1km, n4, e0.22/7, Turkey

Table listing seismic stations for the third event, including Canterbury Las, Turunc, Kas, and others.

DDA 06 06:22:25.0±1.6, 12°02'N, 143°63'E, h0km, mb3.4/3, mb1 3.8/3, mb1mx3.4/25, mbtmt3.4/3, MS2.7/1, MS1 2.7/1, ms1mx2.2/17, Error ellipse: s-maj=146.2km

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Table listing seismic stations in the Mariana Islands, including GUMO Guam, WARRANGUNGA ARR, WAKE ISLAND HY, and others.

ISCJB 06 06:31:10.6±1.2, 43°75'N, 147°31'E, 0.10, h70km, 10km, Error ellipse: s-maj=16.8km s-min=6.8km az=140.7

SKHL 06 06:31:11.6±0.4, 43°72'N, 147°41'E, h58km, 2km, mb4.7/4

JMA 06 06:31:11.0±0.2, 43°71'N, 147°23'E, h82km, 4km, M3.5

ISC 06 06:31:10.4±2.2, 43°71'N, 147°41'E, 0.11, h63km, 14km, n13, e0.65/24, Kuril Islands

Main table listing seismic stations in the Kuril Islands, including SHIKOTAN, YUZH-KURIL'SK, and others.

DDA 06 06:39:32.9, 34°72'N, 26°97'E, h15km, MD3.5, Crete

Table listing seismic stations for the Crete event, including TURUNC, KAS, and others.

ISCJB 06 06:40:03.9±0.5, 38°82'N, 0°03'40"E, 0.03, h6km, 5km, Error ellipse: s-maj=4.6km s-min=3.9km az=169.0

DDA 06 06:40:03.7, 38°82'N, 0°10'E, h7km, MD2.7

ISK 06 06:40:03.6, 38°84'N, 0°16'E, h8km, MD2.7

CSEM 06 06:40:04.0±0.3, 38°79'N, 0°11'E, h10km, MD2.7, Error ellipse: s-maj=6.3km s-min=5.4km az=174.0

ISC 06 06:40:03.6±1.3, 38°84'N, 0°03'40"E, 0.02, h6km, 14km, n20, e0.45/33, Turkey

Main table listing seismic stations in Crete, including TURUNC, KAS, PERTEK, BINGOL, and others.

WEL 06 06:47:12.3±0.1, 43°46'S, 172°17'E, h5km, ML3.1/7, 1C-2D, Error ellipse: s-maj=0.7km s-min=0.6km az=90.0, South Island

Table listing seismic stations for the final event, including OXFORD, CANTEBURY LAS, and others.

DAC	Darwin (Calif)	76.77	44	eP	P	07 36 01.7 -0.5	baz=81, SNR=8.8	WUAZ	Wupatki	80.62	48	eP	P	07 36 23.5 +0.4	baz=86, SNR=9.6	631A	Perdido Creek	86.03	57	P	P	07 36 51.9 +1.3			
DAC	Hector, Ludlow	76.81	46	P	pP	07 36 54.2 +0.3		NJ2	Nanjing	80.72	308	eP	PMZ	07 36 24.7 +1.2		631A	Rocksprings			P	pP	07 37 43.6 +0.1			
KSCHJ	Chungju	76.83	316	P	P	07 36 03.2 +1.0	comp=Z, 70nm, 0.8s	NKL	Nikolayevsk	80.81	335	iP	pmax	07 36 22.0 -1.4	baz=86, SNR=6.1	430A	Baggett Ranch,	86.05	56	P	P	07 36 51.9 +1.1			
KSCHJ	Chungju	76.83	316	P	P	07 36 03.2 +1.0		NKL							baz=86	430A					P	pP	07 37 43.6 0.0		
KSDGJ	Daegwallycong	76.85	317	P	P	07 36 04.1 +1.7	comp=Z, 90nm, 1.3s	PGC	Sidney	80.95	32	eP	P	07 36 27.7 +3.4	baz=86	J19A	Crowheart	86.05	42	P	pP	07 37 44.0 +0.5			
WAKR	Walker	76.87	42	eP	P	07 36 04.2 +1.5	comp=Z, 14nm, 0.9s, baz=156, slow=6.6, SNR=2.9	BBB	Bella Bella	81.20	27	P	P	07 36 25.8 +0.3	baz=86, SNR=11	832A	Faith Ranch, C	86.07	59	P	P	07 36 52.4 +1.6			
YBH	Yreka Blue Hor	76.87	37	P	P	07 36 03.7 +1.2		SPU	Mount Spurr	81.37	11	eP	P	07 36 25.8 -0.6	baz=86, SNR=13	832A	Bryant Ranch,			P	pP	07 37 44.2 +0.5			
YBH						07 36 53.0 -1.2		B05A	Bryant	81.39	33	P	pP	07 36 27.4 +0.8	baz=86, SNR=7.8	229A	Bryant Ranch,	86.08	55	P	P	07 37 52.7 +1.8			
YBH	Yreka Blue Hor	76.87	37	P	P	07 36 03.7 +1.2		LTJ	Liberty	81.49	34	eP	P	07 36 27.9 +0.6	baz=86	229A					P	pP	07 37 45.5 +1.8		
YBH						07 36 53.0 -1.2		LTJ																	
YBH						07 36 54.1 -0.1		LTJ																	
YBH						07 36 06.1 +3.3		LTJ																	
GLA	Glamis	76.90	48	eP	P	07 36 06.0 +3.3		E07A	E07A	81.50	35	eP	pP	07 36 30.1 +2.8	baz=86, SNR=10	129A	Stear Farms,	86.31	54	P	P	07 36 53.6 +1.7			
KLSA	KLSA	76.90	48	eP	P	07 36 06.0 +3.3		E07A							baz=87, SNR=18	531A					P	pP	07 36 54.0 +1.8		
KSJMJ	Jumunjin	76.91	318	P	P	07 36 04.4 +1.8		SUA	Sunnyside	81.88	12	eP	pP	07 36 30.0 +1.5	baz=86, SNR=11	MSTX	Muleshoe	86.18	52	P	P	07 36 52.5 +1.1			
KSJMJ	Jumunjin	76.91	318	P	P	07 36 04.4 +1.8	comp=Z, 35nm, 1.1s	SUA	Sunnyside							MSTX								07 37 44.1 -0.2	
KSJMJ	Jumunjin	76.91	318	P	P	07 36 04.4 +1.8		DUG	Dugway	82.06	43	eP	pP	07 36 31.4 +0.8	baz=86, SNR=11	Z28A	Tucker Farm, M	86.19	53	P	P	07 36 52.5 +1.0			
TJN	Taejon	76.95	316f	eP	P	07 36 02.3 -0.6		DUG	Dugway	82.06	43	eP	P	07 36 31.4 +0.8	baz=86	Z28A								07 37 45.6 +1.3	
KSRS	Korea Array	77.20	317	P	P	07 36 05.4 +1.2	comp=Z, 70nm, 1.3s	DL2	Dalian	82.14	315	P	P	07 36 31.4 +0.6	baz=86, SNR=6.2, SNR=1332	732A	Laxson Ranch,	86.24	58	P	P	07 36 53.1 +1.4			
KSRS						07 36 05.4 +1.2		DL2							baz=86	732A								07 37 45.3 +0.7	
KS15	Wonju Array Si	77.21	317	eP	P	07 36 05.4 +1.1	comp=Z, 63nm, 1.2s	DL2							baz=86, SNR=10	129A	Stear Farms,	86.31	54	P	P	07 36 53.6 +1.7			
KSAR	Wonju Array Be	77.21	317	P	P	07 36 05.4 +1.1		DL2							baz=87	129A								07 37 45.4 +0.5	
GMRC	Gronite Mounta	77.25	47	P	pP	07 36 56.7 +0.2	comp=Z, 230nm, 6.3s	CN2	Changchun	82.36	321	iP	pP	07 36 32.1 +0.3	baz=87, SNR=8.7	531A								07 36 54.0 +1.8	
IRM	Iron Mountain	77.27	47	P	pP	07 36 58.3 +1.7		CN2							baz=87, SNR=18	531A								07 36 54.0 +1.8	
KSSKC	Sokcho	77.29	318	P	P	07 36 06.8 +2.0	comp=Z, 70nm, 1.3s	CN2							baz=87, SNR=6.5	531A								07 36 54.0 +1.8	
KSSKC	Sokcho	77.29	318	P	P	07 36 06.8 +2.0		CN2																	07 36 54.0 +1.8
GRAC	Grapevine Rang	77.33	44	P	P	07 36 58.1 +1.3	comp=Z, 400nm, 4.0s	CN2							baz=87, SNR=6.5	531A								07 36 54.0 +1.8	
FURC	Furnace Creek,	77.37	45	P	pP	07 36 57.8 +0.9		SNY	Shenyang	82.42	319	iP	PMZ	07 36 33.0 +0.9	baz=87, SNR=12	330A	Mertzton	86.35	55	P	P	07 36 53.6 +1.4			
KSJJA	INJE	77.38	317	P	P	07 36 07.2 +1.9	comp=Z, 68nm, 1.6s	SNY							baz=87	330A								07 37 45.2 +0.1	
KSJJA	INJE	77.38	317	P	P	07 36 07.2 +1.9		MA2	Magadan	82.51	343	iP	P	07 36 31.9 -0.3	baz=87, SNR=6.7	933A	Laredo	86.38	60	P	P	07 36 54.0 +1.6			
M04C	Macdoel	77.41	38	P	pP	07 36 58.5 +1.2		QIZ	Qiongzong	82.58	293	P	P	07 36 34.0 +0.5	baz=87, SNR=9.3	933A								07 37 45.7 +0.5	
TUQ	Turquoise Moun	77.43	46	P	pP	07 36 58.5 +1.0	comp=Z, 61nm, 1.2s	QIZ							baz=87, SNR=14	I19A	Meeteetse	86.47	41	P	pP	07 37 45.5 -0.1			
KSICN	Icheon	77.43	316	P	P	07 36 07.3 +1.7	comp=Z, 250nm, 9.7s	F10A	Beach Ranch, E	82.60	37	eP	P	07 36 32.4 -0.8	baz=87	431A								07 36 54.5 +1.5	
KSICN	Icheon	77.43	316	P	P	07 36 07.3 +1.7		F10A							baz=87	431A								07 36 54.5 +1.5	
KSCHC	Chuncheon	77.45	317	P	P	07 36 07.4 +1.7	baz=83, SNR=28	HLID	Hailey	82.88	40	P	P	07 36 35.9 +1.1	baz=87	431A								07 37 46.2 +0.3	
SEHB	SEOHWA	77.45	318	P	P	07 36 07.5 +1.8		HLID							baz=87, SNR=8.0	Y28A	Mickinney Farm,	86.55	53	P	pP	07 37 46.8 +0.7			
NVAR	Mina Array Bea	77.55	42	P	P	07 36 07.1 +0.6		B08A	Colville Reser	82.88	34	eP	pP	07 36 34.5 +0.1	baz=87, SNR=6.6	833A	Chaparral WMA,	86.55	59	P	P	07 36 55.0 +1.8			
NVAR						07 36 57.4 -0.8		B08A							baz=87, SNR=7.8	833A								07 37 46.7 +0.6	
QZH	Quanzhou	77.63	302f	iP	P	07 36 07.7 +0.8	comp=Z, 33nm, 1.0s	SCM	Sheep Creek Mo	82.90	13	eP	pmax	07 36 34.4 +0.1	baz=87	230A	Sterling City	86.59	55	P	P	07 36 54.9 +1.5			
QZH						07 37 19.4 -2.3		SCM							baz=87	DAWY	Dawson	86.65	15	eP	pP	07 36 53.7 +0.7			
QZH						07 45 41.1 +0.4		SCM	Sheep Creek Mo	82.90	13	eP	P	07 36 34.4 +0.1	baz=87	DAWY	Hebbronville	86.65	60	P	pP	07 36 54.8 +1.1			
QZH								CTU	Camp Tracy	83.02	43	eP	P	07 36 38.2 +2.7	baz=87	034A								07 37 48.7 +2.1	
KSSWO	Suwon	77.72	316	P	P	07 36 08.9 +1.8	comp=Z, 33nm, 1.0s	CO9A	Chrisman Ranch	83.11	35	eP	P	07 36 36.6 +1.0	baz=87	ISCO	Isaho Springs	86.68	46	eP	P	07 36 51.0 -3.0			
I03D	Drain, OR	77.77	36	P	pP	07 37 00.1 +1.0		CO9A							ISCO	Idaho Springs	86.68	46	eP	P	07 36 51.0 -3.0				
KSSES	Seosan	77.79	316	P	P	07 36 08.3 +0.8		BNM	Barren Site	83.39	51	eP	pP	07 36 39.6 +2.0	Z29A	Hungry Hill Ra	86.69	54	P	pP	07 37 46.2 -0.6				
KSCWO	Cheorwon	77.82	317	P	P	07 36 09.7 +2.0		BNM							baz=87, SNR=12	632A	Uvalde	86.70	58	P	P	07 36 55.8 +1.9			
KSCWO	Cheorwon	77.82	317	P	P	07 36 09.7 +2.0		BNM							baz=87, SNR=11	632A								07 37 47.1 +0.3	
KSCWO	Cheorwon	77.82	317	P	P	07 36 09.7 +2.0		BNM							baz=87, SNR=6.0	733A	Divot King Ran	86.79	58	P	P	07 36 55.0 +0.6			
KSSEO	Seoul	77.87	316	P	P	07 36 09.7 +1.8	comp=Z, 170nm, 1.4s	PV05	Paradox Valley	83.48	46	eP	P	07 36 39.8 +1.7	baz=87	733A								07 37 47.7 +0.5	
KSSEO	Seoul	77.87	316	P	P	07 36 09.7 +1.8		PV05							baz=87, SNR=8.0	H19A	Powell	86.79	41	P	pP	07 37 48.3 +1.2			
TPNV	Topopah Spring	78.04	44	eP	P	07 36 10.3 +1.1		TX31	Lajitas Ar. Si	83.53	56	eP	pP	07 36 39.9 +1.3	baz=87, SNR=13	RLMT	Red Lodge	86.84	40	P	pP	07 37 48.2 +0.8			
TPNV	Topopah Spring	78.04	44	eP	P	07 37 01.0 0.0		TX31							baz=87, SNR=7.1	RLMT	Red Lodge	86.84	40	eP	P	07 36 54.9 +0.4			
TPNV	Topopah Spring	78.04	44	eP	P	07 36 10.3 +1.1	comp=Z, 2.4nm, 0.8s, baz=220, slow=8.6, SNR=3.1	TXAR	Lajitas Array	83.53	56	eP	pP	07 36 39.9 +1.5	baz=87	X28A	Dimmitt	86.84	52	eP	pP	07 37 48.2 +0.7			
TPNV	Topopah Spring	78.04	44	eP	P	07 37 01.0 0.0		TXAR							PKKPbc	07 54 59.5 +3.5	532A	Rocksprings	86.84	57	P	P	07 36 56.4 +1.8		
INCN	Inchon	78.06	316	eP	pP	07 37 01.0 0.0	comp=Z, 4.7nm, 1.1s, baz=253, slow=5.8, SNR=4.7	TXAR							baz=87	532A								07 37 47.1 -0.5	
KDAA	Kodiak Island	78.11	12	P	P	07 36 08.8 +0.1	comp=Z, 0.5nm, 0.9s, baz=132, slow=2.6, SNR=3.5	PV09	Paradox Valley	83.66	46	eP	pP	07 35 40.6 +1.6	baz=87, SNR=10	331A	San Angelo	86.90	56	P	P	07 36 56.0 +1.2			
KDAA	Kodiak Island	78.11	12	P	P	07 36 09.0 +0.2		PV09							baz=87, SNR=7.4	331A								07 37 47.0 -0.8	
KDAA	Kodiak Island	78.11	12	P	P	07 36 09.0 +0.2		PV10	Paradox Valley	83.66	46	eP	pP	07 36 40.0 +1.0	baz=87, SNR=11	N23A	Red Feather La	86.96	45	eP	pP	07 36 55.8 +0.5			
KDAA	Kodiak Island	78.11	12	P	P	07 36 08.8 +0.1		PV10							baz=87, SNR=11	N23A								07 37 48.6 +0.4	
KDAA	Kodiak Island	78.11	12	P	P	07 36 08.8 +0.1		PV10							baz=87, SNR=11	N23A								07 37 48.5 +0.4	
KDAA	Kodiak Island	78.11	12	P	P	07 36 08.8 +0.1		PV10							baz=87, SNR=11	N23A								07 37 48.5 +0.4	
J04D	Umpqua Nationa	78.17	37	P	pP	07 37 02.6 +0.9		ANMO	Albuquerque	83.88	50f	iP	P	07 36 41.5 +1.4	baz=87, SNR=12	Y29A	Porterfield Fa	86.97	53	P	P	07 37 45.4 -2.5			
YNCB	YEONCHEON	78.18	317	P	P	07 36 11.4 +1.8	comp=Z, 90nm, 1.0s	NEW	Newport	84.00	35	P	P	07 36 39.0 -1.2	baz=87, SNR=10	130A	Worland	86.97	42	P	pP	07 37 45.4 +2.0			
VLA	Vladivostok	78.20	323f	iP	P	07																			

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TXAR, MNTX, GSC, ANMO, NVAR, ELK, CHMT, HAWA, SLMT, SWMT, TKL, ILAR, H11N3, H11N2, H11N1, CPUP, NOA, NOA, GERES.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FNA, KZD, MNTX, WUAPKI, GSC, ANMO, NVAR, ELK, CHMT, HAWA, SLMT, SWMT, TKL, ILAR, H11N3, H11N2, H11N1, CPUP, NOA, NOA, GERES.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OXF, CAN, MCQ, RATA, LAKE, WAITA, LAKE, FOX, ODH, DEN, DSZ, THZ, JACK, WANA, EARNS, QUARTZ, TUAPEKA.

ATH 06 08:25:47.8, 40°55'N, 23°58'E, h24km, MD3.0/27
CSEM 06 08:25:48.5, 0.1, 40°54'N, 23°57'E, h8km, MD3.0, Error
ellipse: s-maj=2.5km s-min=2.0km az=92.0

ATH 06 08:25:47.8, 40°55'N, 23°58'E, h24km, MD3.0/27
CSEM 06 08:25:48.5, 0.1, 40°54'N, 23°57'E, h8km, MD3.0, Error
ellipse: s-maj=2.5km s-min=2.0km az=92.0

NNC 06 08:40:28.9, 8.2, 37°72'N, 73°22'E, h156km, 74km, mb2.8,
mpV3.6, Error ellipse: s-maj=77.4km s-min=33.1km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PLG, SOH, OUR, HORT, THESSALONIKI, SERRAI, PAIG, KNT, NVR, LIT, MMB, XOR, AOS, KZN, RZN, SMTH, THL, THL, SMIA, FNA.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DIM, EVR, ERE, SIGR, ERIK, DESP, DSF, VIL2, KALL, KALE, BARS, BARS, PDO, PDO, EDRB, KLV, MPEP, ZAPS, MRMT, MHRM, SELS, GRUS, GRUS, IVAS, IVAS, ONS, GOZR, VOIR, MLR, MLR, BZS, CFR, PLOR, PLOR, VRI.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SFK, DZET, AAM, KZA, MNAS, EKS2, AAK, AAK, ULHL, TKM2, TKM2, USP, KK31, AB31.

DDA 06 08:27:03.8, 37°23'N, 28°17'E, h7km, MD2.7
ISJB 06 08:27:04.2, 0.5, 37°24'N, 28°19'E, 0.04, h0km, Error
ellipse: s-maj=5.0km s-min=3.1km az=144.6

CSEM 06 08:27:04.3, 0.2, 37°24'N, 28°20'E, h1km, MD2.5, Error
ellipse: s-maj=4.1km s-min=3.0km az=53.0, Mining
explosion.

ISK 06 08:27:04.1, 37°23'N, 28°19'E, h7km, MD2.5
ISC 06 08:27:04.1, 0.9, 37°24'N, 28°19'E, 0.03, h0km, m24,
e07740, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like YER, YER, AYDN, AYDN, AYDN, TURN, TURN, TURN, DALY, DALY, DALY, BDRM, BDRM, BODT, BODT, AYDB, AYDB, AYDB, AYDB, NIS1, NIS1, GOLH, GOLH, MANT, MANT, MANT, MANT, KULA, KULA.

WEL 06 08:41:30.4, 0.1, 43°56'S, 172°39'E, h6km, ML3.5/13, 1C-4D,
Error ellipse: s-maj=0.5km 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, CRLZ, MOZ, MOZ, OXF, LTX, LAKE, RATA, WAITA, KHZ, LAKE, Tophouse, DSZ, DSZ, DSZ, ODZ, ODZ, ODZ, FOX, QUARTZ, EARN.

IDC 06 08:42:04.0, 13.0, 3°85'N, 127°49'E, h0km, mb3.7/4,
mb1.1mx3.5/25, mbtmp3.7/4, MS2.6/1, Ms1 2.6/1,
m1mx2.1/25, Error ellipse: s-maj=224.1km
s-min=101.0km az=146.0, Talaud Islands

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

Table with columns: Station Name, Azimuth, Phase ID, Time, Residual, and other parameters. Includes stations like AFI Afiamalu, VDA Vanda, TBI Tubuai, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like CRLZ Canterbury Las, MOZ McQueen's Vall, OXZ Oxford, etc.

IDC 06 11:26:01.1, 1.5, 36.95N-27.71E, h0km, mb3.6/4, mb1 3.6/6, mb1mx3.4/27, mbtmp3.5/6, ML2.8/1, Error ellipse: s-maj=3.6km s-min=2.2km az=153.0

DDA 06 11:26:01.1, 36.98N-27.58E, h26km, MD3.2, ISK 06 11:26:02.4, 37.06N-27.64E, h9km, MD3.6, ML3.5, ATH 06 11:26:02.9, 37.06N-27.57E, h30km, 1km, MD3.5/3, ISJCUB 06 11:26:02.9, 0.1, 37.05N-27.61E, 0.02, h15km, 3km, mb3.5/4, Error ellipse: s-maj=2.9km s-min=2.4km az=18.5

CSEM 06 11:26:02.9, 0.1, 37.03N-27.66E, h10km, MD3.2, Error ellipse: s-maj=2.4km s-min=1.9km az=109.0, THE 06 11:26:04.2, 37.01N-27.60E, h15km, 2km, ML3.6/6, Error ellipse: s-maj=2.5km s-min=2.9km az=228.0

ISC 06 11:26:02.9, 0.8, 37.04N-27.64E, 0.02, h12km, 5km, h170.0, 087/4/218, mb3.7/4, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like BDRM Kayabasi, BDRM Kayabasi, BODT Bodrum, etc.

Table with columns: Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like NPS Neapolis, PRK Paraskevi, LAST Lasithi, etc.

CSEM 06 11:29:47.8, 42.52N-13.23E, h10km, MD1.9/12, ROM 06 11:29:47.8, 0.1, 42.52N-13.23E, h10km, Md1.9/12, M11.6/7, 4C, Error ellipse: s-maj=1.4km s-min=1.1km az=49.0, Central Italy

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like RM29 Verrico (Monte), SMA1 SAN MARTINO, CAMP Campotosto, etc.

Table with columns: MNS, VCEL, CESI, etc. and values for various stations like Montasola, Villa Celiara, etc.

IDC 06 11:34:53.3-8.4, 2.40N-127.01E, h0km, mb3.7/4, mb1 4.0/4, mb1mx3.6/23, mbtmp3.8/4, Error ellipse: s-maj=134.6km s-min=100.0km az=141.0, Northern

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

WEL 06 11:38:04.6-0.1, 43.565x172.38E, h7km, ML3.9/24, 1C-4D, Error ellipse: s-maj=0.4km s-min=0.4km az=90.0, South Island

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. listing numerous stations like CRLZ, MOZ, OXF, etc.

IDC 06 11:40:48.2-0.5, 43.42S-172.02E, h0km, mb4.7/14, mb1 4.8/15, mb1mx4.7/20, mbtmp4.7/15, ML4.5/1, MS4.1/20, MS1.4.1/20, ms1mx4.0/26, Error ellipse: s-maj=15.2km s-min=9.0km az=155.0

AUST 06 11:40:49.1-2.1, 43.80S-172.29E, h15km, 14km, Error ellipse: s-maj=12.7km s-min=6.6km az=121.0

BUI 06 11:40:49.0, 43.15S-172.61E, h10km, mb5.4/12, mb5.7/11, MS5.1/10, MS7.4.8/10

ISC/B 06 11:40:49.2-0.6, 43.58S-0.03-171.90E, h11km, 4km, mb5.0/33, MS4.2/19, Error ellipse: s-maj=4.8km s-min=3.7km az=139.4

GCMT 06 11:40:50.3-0.3, 43.60S-171.91E, h12km, MW4.9/68, Moment Tensor Solution, s23,c26; s68,c102; Duration: 0 Moment tensor: Scale 10^16Nm; M1:2.66t; 09; M2:1.88t; 09; M3:0.78t; 08; M4:0.61t; 30; M5:1.60t; 07; M6:0.39t; 37; Best double couple: M2:932000.1016 Np1:0.55.00000, s52.00000, lambda.91.00000. NP2: 0.233.00000, s38.00000, lambda.88.00000. Principal axes: T 2.7510, P1g83.0000, Azm332.0000; N 0.3590, P1g1.0000, Azm235.0000; P -3.1130, P1g7.0000; Azm145.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 06 11:40:50.3, 43.59S-171.89E, h9km, mb5.1/20, ML5.4(WEL), After WEL.

NEIC Felt [V] at Christchurch, Papanui, Saint Albans and Woolston and [IV] in much of Canterbury. Felt as far as Dunedin and Greymouth.

WEL 06 11:40:50.5-0.1, 43.58S-171.86E, h8km, ML5.4/62, Error ellipse: s-maj=0.5km s-min=0.3km az=90.0

WEL Felt from Auckland to Otago, maximum reported intensity MM 7.

MOS 06 11:40:53.6, 1.2, 43.64S-171.54E, h33km, mb5.0/7, Error ellipse: s-maj=16.1km s-min=13.0km az=120.9

ISC 06 11:40:50.7-0.6, 43.62S-171.99E-0.04, h11km, 3km, mb2.85, r140/238, mb5.1/33, MS4.1/19, 13C-10D, South Island

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

Main table with columns: LBZ, KHZ, KHZ, etc. and values for various stations like Lake Benmore, Kahutara, etc.

Main table with columns: URZ, URZ, URZ, etc. and values for various stations like Urewera, Matawai, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like LUWI, SYO, SNA, SNA, SNA, NVL, VNA, VNA, VNA, MDSI, GSI, GSI, PSI, PSI, PSI, PSI, TRIT, TRQA, MJAR, MAJO, MAJO, LCO, LCO, NJ2, KRSR, KRSR, KSAR, KSAR, CMAR, CMAR, CMAR, CHTO, CMAI, GYA, GYA, GYA, GYA, GYA, KMI, KMI, USRK, PALK, CD2, CD2, CD2, CD2, CD2, CD2, CD2, CPUP, CPUP, PETK, BJI, BJI, BJI, LPAZ, HHC, HHC, HHC, HHC, LZH, LZH, LZH, LZH, LZH, LZH, ILAR, ILAR, ILAR, WMQ.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like WMQ, WMQ, WMQ, INK, KSH, KSH, KSH, KSH, MKAR, MKAR, YKA, YKA, ZALV, AAK, FRU, WCI, ULM, KURK, KURK, KURB, EYMN, KKAR, KKAR, ACSS, BVAR, BRVK, BRVK, BRVK, AKTO, ARU, ARU, ARU, DBIC, DBIC, NEY, KBZ, KIV, VRH, VRH, VRH, DAG, DAG, DAG, TMCR, TMCR, CSS, SFJD, SFJD, SFJD, VORD, VORD, VORD, SUMG, SUMG, SUMG, VSR, VSR, VSR, KEV, KEV, TORD, TORD, TORD, BRTR, ARCES, OBN, OBN, OBN, OBN, ANTO, ANTO, ANTO, FINES, FINES, FINES, AKASG, KIEV, KIEV, VSU, VSU, VSU, KOLS, KOLS, KOLS, NOA, NOA, NOA, STHS, STHS, VYHS, VYHS, KRLC, KRLC, KRLC, DPC, DPC, PRU, PRU, PRU, BRG, BRG, BRG, GERES.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like KHC, KHC, KHC, KBA, KBA, FETA, FETA, FUORN, FUORN.

DDA 06 11:42:09.2, 39.27N-37.26E, h7km, MD2.6
ISK 06 11:42:09.6, 39.06N-37.40E, h5km, MD2.7
ISCJB 06 11:42:10.7, 6.6, 39.07N-0.03, 37.7E-0.04, h0km, Error ellipse: s-maj=5.0km s-min=0.6km az=142.2
CSEM 06 11:42:10.8, 0.3, 39.03N-37.36E, h1km, MD2.7, Error ellipse: s-maj=6.3km s-min=5.8km az=154.0, Mining explosion.
ISC 06 11:42:09.9, 0.9, 39.06N-0.03, 37.34E-0.03, h0km, n12, o05623, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CUKAN, DARE, DARE, DARE, PINB, PINB, PINB, SVSK, SVSK, SVSK, KEMA, KEMA, KEMA, SAR1, SAR1, PTK, PTK, PTK.

WEL 06 11:47:10.5, 0.1, 43.56S-172.39E, h8km, ML3.6/11, 1C-4D, Error ellipse: s-maj=0.6km s-min=0.6km az=90.0, South Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CRLZ, CRLZ, CRLZ, MQZ, MQZ, MQZ, OXF, OXF, OXF, LTZ, LTZ, LTZ, RPZ, RPZ, RPZ, KHZ, KHZ, DSZ, DSZ, ODZ, ODZ, ORZ, ORZ, EAZ, EAZ, TUZ, TUZ.

JMA 06 11:49:37.5, 0.1, 35.44N-140.24E, h39km, 2km, M1.3, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JCN, JCN, JCN, BS03, BS03, BS03, JOD2, JOD2, JIM2, JIM2, JIM2, BSO1, BSO1, BSO1.

JMA 06 11:50:05.1, 0.1, 35.44N-140.23E, h41km, 1km, M2.3, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JCN, JCN, JCN, BS04, BS04, BS04, JOD2, JOD2, JIM2, JIM2, JIM2, BSO1, BSO1, BSO1, MAT, MAT, MAT.

ISCJB 06 11:52:12.2, 0.6, 35.54N-0.03, 116.75W-0.03, h7km, 4km, Error ellipse: s-maj=4.3km s-min=3.7km az=5.2
NEIC 06 11:52:13.5, 35.52N-116.77W, h9km, ML3.0(PAS), After PAS.

ISC 06 11:52:12.7, 0.9, 35.52N-0.03, 116.75W-0.02, h15km, 7km, n28, o074/41, Central California

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like GSC, GSC, GSC, GSC, RRR, RRR, RRR, TRX, TRX, TUQ, TUQ, HEC, HEC, HEC, HEC, LRMC, LRMC, LRMC, MPMC, MPMC, MPMC, DAC, DAC, GMRC, GMRC, EDW2, EDW2, EDW2, BBRG, BBRG, BBRG.

Table with columns: LDFC, Landfair, 1.41 108, ePn, Pn, 11 52 38.4 +0.4, THZ, Tophouse, 1.92 10, AML, AML, 11 55 32.9, etc.

ISCJB 06 11:53:23.5-4.3, 13.58N-0.09-92.4E:0.1, h17km, 32km, mb4.0/11, Error ellipse: s-maj=16.7km s-min=14.8km

IDC 06 11:53:28.6-0.9, 13.66N-92.43E, h38km, 6km, mb3.8/10, mb1.3/9.12, mb1mx3.7/30, mbtmp4.0/12, ML3.6/2, MS2.4/1, Ms1.2.6/1, ms1mx2.3/47, Error ellipse: s-maj=28.9km s-min=13.8km az=63.0

ISC 06 11:53:27.8-0.7, 13.65N-10.92-4E:0.1, h32km, 4km, h32km: pP-P, n19, 1925/21, mb3.9/11, Andaman Islands region

Main table for 291 page with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, h m s ISC, etc.

ISCJB 06 11:54:22.9-0.7, 43.66S-0.05: 172.59E:0.07, h22km, 4km, mb3.4/3, Error ellipse: s-maj=5.5km s-min=8.2km az=21.0

NEIC 06 11:54:24.5, 43.63S: 172.49E, h7km, mb3.6/1, ML4.2(WEL), After WEL

NEIC Fell in the Christchurch area. WEL 06 11:54:25.0-1.1, 43.63S: 172.49E, h8km, ML4.2/35, Error ellipse: s-maj=0.4km s-min=0.4km az=90.0

WEL Fell in the Canterbury region, maximum reported intensity MM 5.

IDC 06 11:54:25.1-2.1, 43.14S: 172.17E, h0km, mb3.4/2, mb1.3/7.3, mb1mx3.5/14, mbtmp3.5/3, ML3.5/1, Error ellipse: s-maj=50.2km s-min=13.4km az=136.0

ISC 06 11:54:23.6-0.8, 43.66S-0.04: 172.48E:0.04, h13km, 7km, n46, 1905/25, mb3.3/3, 2C-3D, South Island

Main table for 291 page (continued) with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, h m s ISC, etc.

Main table for 291 page (continued) with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, h m s ISC, etc.

BUC 06 12:00:20.5-0.6, 46.31N:23.19E, h2km, MD2.3/1, 10D, Error ellipse: s-maj=7.7km s-min=4.8km az=14.0, Romania

Table for Romania section with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, h m s ISC, etc.

GUC 06 12:18:23.5-0.6, 34.56S: 72.19W, h15km, 5km, ML3.5, ISC 06 12:18:22.0-2.2, 34.60S: 0.04: 72.2W: 0.1, h5km, 11km, n19, 1558/33, 3C-2D, Near coast of central Chile

Main table for 291 page (continued) with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, h m s ISC, etc.

MEX 06 12:20:20.1-0.4, 14.35N:92.44W, h16km, 47km, MD3.7, Near coast of Chiapas

Table for MEX section with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, h m s ISC, etc.

IDC 06 12:21:24.9-0.7, 43.36S: 171.94E, h0km, mb4.2/5, mb1.4/3.6, mb1mx4.1/15, mbtmp4.2/6, ML4.0/1, MS3.3/3, Ms1.3.3/3, ms1mx2.9/16, Error ellipse: s-maj=24.9km s-min=9.6km az=147.0

ISCJB 06 12:21:26.7-0.4, 43.46S: 0.05: 171.85E: 0.04, h16km, mb4.1/6, MS3.1/1, Error ellipse: s-maj=6.8km s-min=4.0km az=170.2

AUST 06 12:21:26.5-5.9, 43.91S: 172.68E, h46km, Error ellipse: s-maj=5.2km s-min=1.0km az=304.0

NEIC 06 12:21:27.1, 43.55S: 171.88E, h5km, mb4.3/1, ML4.2(WEL), After WEL

NEIC Fell in the Christchurch area. WEL 06 12:21:27.5-0.1, 43.53S: 171.89E, h10km, ML4.6/43, Error ellipse: s-maj=0.6km s-min=0.4km az=90.0

WEL Fell from West Coast to Canterbury, maximum reported intensity MM 5.

ISC 06 12:21:27.2-0.5, 43.46S: 0.05: 171.92E: 0.04, h16km, n72, 0587/38, mb4.2/6, 2C-3D, South Island

Main table for 291 page (continued) with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, h m s ISC, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JYNG, YJNG, ESL, WHF, etc.

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

WEL 06 13:25:53.4:0.1, 43.59Sx172.34E, h5km, ML2.9/7, 2D, Error ellipse: s-maj=0.5km s-min=0.4km az=90.0, South Island

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

BJJ 06 13:46:23.4, 11:00S; 162:20E, h10km, mb5.1/45, mb5.6/58, Ms5.4/68, Ms7.5/268

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CHN1, JIJ, JJJ, etc.

ISCJB 06 13:29:40.6:0.3, 24:29N; 0:02:122:12E, 0:02, h21km, 4km, Error ellipse: s-maj=4.0km s-min=2.4km az=153.0

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

ISCJB 06 13:46:24.1:1.2, 10:94S; 0:03:162:12E, 0:02, h19km, 8km, mb5.5/200, MS5.3/226, Error ellipse: s-maj=5.2km s-min=3.6km az=162.0

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

RAO 06 13:29:40.1:0.1, 24:23N; 122:05E, h38km, 2km, M2.2

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

6d 13h

2010 SEP

Table with columns: GUMO, comp, pmax, pmax, and various station identifiers like GUMO, GUMO, GUMO, etc.

Table with columns: TWSI, Taliwang, Sumb, 44.73 269, P, P, 13 54 36.6 -1.4, and various station identifiers like KLBR, MYLDM, MYLDM, etc.

Table with columns: QZH, comp, Z, 1µm, 10.8s, LE, and various station identifiers like QZH, QZH, QZH, etc.

6d 13h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like SML, EYAK, RAMN, etc.

2010 SEP

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KBO, HVS, KEBM, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MURC, VFP, CWC, etc.

6d 14h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like GERES Array S, ROTZ, SMIA, etc.

CSEM 06 13:49:10.1, 42.53N, 13.21E, h10km, MD1.9/13 ROM 06 13:49:10.1, 42.53N, 13.21E, h10km, MD1.9/13, MI1.6/7, Error ellipse: s-maj=1.1km s-min=1.0km az=19.0, Central Italy

Code Station Name Azimuth Elevation Phase ID Time Residual

2010 SEP

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like RM29, RM29 Verrico (Monte), SMA1, etc.

CSEM 06 13:51:27.9, 38.25N, 26.66W, h2km, ML2.7 PDA 13:51:27.9, 1.4, 38.25N, 26.66W, h2km, gkm, MD3.7, MI2.7, Error ellipse: s-maj=1.0, 1km s-min=2.1km az=38.0, Azores Islands

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

DJA 06 14:12:31.9, 0.9, 1°N, 5.9°E, h73km, 13km, M4.0/8, mb4.0/2, MLV4.0/8 IDC 06 14:12:34.1, 1.3, 1.36N, 97.66E, h0km, mb3.9/7, mb1.3/9.8, mb1mx3.6/50, mbtmp3.8/8, ML3.4/1, Error ellipse: s-maj=40.2km s-min=18.4km az=57.0

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

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

CSEM 06 14:13:38.9, 12.14N, 44.23E, h13km, ML3.5 DHMR 06 14:13:38.9, 1.8, 12.14N, 44.23E, h14km, 17km, ML3.5, Western Arabian Peninsula

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

GUC 06 14:33:05.6, 0.4, 22.57S, 66.70W, h278km, 17km, ML4.0 GC-22, Ujuy Province

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like PB09, PB09, PB06, etc.

ISCJ/B 06 14:34:59.7, 0.2, 44.55N, 0.01, 6.86E, 0.02, h14km, 2km, Error ellipse: s-maj=3.0km s-min=1.9km az=160.6 CSEM 06 14:35:00.0, 0.1, 44.55N, 6.88E, h15km, ML2.6/13, Error ellipse: s-maj=1.4km s-min=0.9km az=71.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like CEN1, CEN1, CEN1, etc.

LDG 06 14:35:00.7, 0.0, 44.56N, 6.86E, h2km, M2.5/3, M2.5/7, Error ellipse: s-maj=1.0km s-min=0.5km az=72.0 ROM 06 14:35:00.4, 0.1, 44.56N, 6.92E, h11km, 1km, M2.3/9, MI1.9/9, Error ellipse: s-maj=1.8km s-min=1.1km az=69.0

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

STR 06 14:35:00.6, 0.1, 44.56N, 6.85E, h5km, ML2.2, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0 GEN 06 14:35:00.5, 44.56N, 6.88E, h10km, ML2.0 ISC 06 14:35:00.0, 0.4, 44.55N, 0.01, 6.87E, 0.02, h12km, 4km, n59, 0.40/113, France

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SBF Sospel, CALN Calern, ORIF Oris-en-Rattie, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SFK 6.0nm,0.3s, DLH Dalhousie, MNAS Manas, etc.

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

ISC/JB 06 14:43:39.7-0.8, 4.03S-0.08E-142.96E-0.08, h50km, mb3.6/6, Error ellipse: s-maj=14.0km s-min=6.8km az=44.1

ISC 06 14:43:41.5-2.8, 3.95S-143.03E, h61km,25km, mb3.5/7, mb1 3.8/10, mb1mx3.5/13, mbmp3.9/10, ML3.9/2, Error ellipse: s-maj=27.2km s-min=18.4km az=77.0

AUST 06 14:43:42.6, 4.38S-142.55E, h0km, ISC 06 14:43:41.3-0.6, 3.94S-142.98E-0.09, h50km, n20, +175/23, mb3.6/6, Near north coast of New Guinea

ISC 06 14:48:23.6-6.1, 2.008S-179.07W, h666km,67km, mb2.8/6, mb1 3.0/7, mb1mx2.8/35, mbtp4.0/7, Error ellipse: s-maj=104.1km s-min=34.2km az=150.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like DZM Mont Dzumac, CTA Chatters Tower, STKA Stephens Creek, etc.

ISC 06 14:53:29.0-1.1, 39.54N-103.91E, h0km, mb3.3/4, mb1 3.5/6, mb1mx3.3/45, mbtp3.3/6, ML3.4/2, MS4.2/1, Ms1 4.2/1, ms1mx3.1/15, Error ellipse: s-maj=63.8km s-min=20.2km az=59.0

BUI 06 14:53:34.4, 38.67N-104.14E, h6km, ML3.9/17, MS3.6/2, ISC 06 14:53:31.2-0.6, 38.59N-104.04E, h10km, n15, +172/22, mb3.4/3, Gansu

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

ISC/JB 06 14:44:36.5-0.4, 36.54N-100.047N-1.08E-0.05, h188km, mb3.7/11, Error ellipse: s-maj=7.2km s-min=4.0km az=140.7

ISC 06 14:44:36.5-3.4, 36.34N-71.09E, h194km,30km, mb3.4/12, mb1 3.4/17, mb1mx3.2/63, mbtp3.9/17, Error ellipse: s-maj=20.3km s-min=15.4km az=171.0

NNC 06 14:44:44.3-1.3, 37.00N-71.00E, h202km,10km, mb2.6, mpv3.8, Error ellipse: s-maj=12.7km s-min=6.1km az=163.0

ISC 06 14:44:37.1-0.6, 36.56N-100.06E, h188km, n33, +185/39, mb3.7/11, 6C-SD, Afghanistan-Tajikistan border region

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like NCG North Capps G, STLK Strandline Lak, SPNW Spurr Northwes, etc.

ISC 06 15:00:00.5, 39.63N-39.78E, h5km, MD2.6, ISC/JB 06 15:00:01.1-0.4, 39.61N-0.03-39.77E-0.04, h6km,4km, Error ellipse: s-maj=5.0km s-min=3.7km az=136.4, CSEM 06 15:00:01.1-0.1, 39.62N-39.74E, h2km, MD2.6, Error ellipse: s-maj=3.4km s-min=3.5, Eastern Oulipes

Mt 1.3,6/14,ms1mx3.4/29 Error ellipse: s-maj=8.1km s-min=6.2km az=44.0
ISC 06 17:15:36.1-0.3,4.16S:0.03x103.46E:0.03,h138km;1km,
h138km;p-P,n723,r160/860,mb5.2/167,45C-73D,
Southern Sumatera

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

Table with columns: CHBT, CHBT, 16.84 356 P, Pn, 17 19 25.2 +1.5. Lists seismic events with station codes, magnitudes, and arrival times.

Table with columns: GYA, comp=Z,50nm,1.1s, PMZ. Lists seismic events with station codes, magnitudes, and arrival times.

6d 18h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like CRES, BOJANC, TREEST, etc.

100 SEP

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like 235A, Y36A, X38A, etc.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like GVD, ANKY, ANKY, etc.

GUC 06 18:09:34.9±0.4,20:81S±6.773W,h215km±17km,ML3.5,

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like PB01, PB11, etc.

WEL 06 18:22:57.2±0.1,43:59S±172.27E,h8km,ML3.5/14,3C-5D,

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like CRZL, CRZL, etc.

DJA 06 18:30:50.5 ± 1.7, 3°S, 8°13'0E, h106km, 25km, M3.5/2, MLV3.5/2

ISC 06 18:30:46.2 ± 0.9, 3.14S, 0.06x130.28E, 0.05, h24km, n22, c#18/15, Seram

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the event.

IDC 06 18:32:21.0 ± 0.7, 56.14S, 147.78E, h0km, mb4.3/11, mb1.4/11, mb1mx4.2/32, mbtmp4.3/11, MS3.5/11, Ms1.3/5.11, ms1mx3.3/19, Error ellipse: s-maj=32.7km s-min=14.6km az=84.0

NEIC 06 18:32:23.6 ± 0.4, 56.43S, 147.64E, h10km, mb4.3/2, Error ellipse: s-maj=16.5km s-min=8.3km az=90.0

ISCJB 06 18:32:24.0 ± 0.6, 56.43S, 0.07x147.6E, 0.3, h28km, mb4.2/12, MS3.4/10, Error ellipse: s-maj=22.1km s-min=9.6km az=176.4

ISC 06 18:32:26.4 ± 0.7, 56.42S, 0.10x147.6E, 0.2, h28km, n34, c#090/22, mb4.3/12, MS3.5/10, West of Macquarie Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the event.

IDC 06 18:40:02.0 ± 0.7, 9.83N, 125.94E, h0km, mb3.7/10, mb1.3/8.10, mb1mx3.7/39, mbtmp3.7/10, MS2.7/3, Ms1.2/7.3, ms1mx2.4/37, Error ellipse: s-maj=34.8km s-min=15.4km az=74.0

MAN 06 18:40:09.9 ± 0.9, 9.99N, 126.24E, h36km, mb4.9, ML3.9, MS3.9

ISCJB 06 18:40:09.3 ± 0.9, 9.94N, 0.05x126.19E, 0.09, h7km, g1km, mb3.6/10, Error ellipse: s-maj=16.2km s-min=5.9km az=161.2

ISC 06 18:40:10.3 ± 1.3, 9.94N, 0.05x126.12E, 0.09, h61km, 13km, n31, c#181/28, mb3.5/10, 2C-3D, Mindanao

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the event.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the event.

MAN 06 18:50:16.8 ± 2.4N, 125.95E, h25km, mb4.4, ML3.2, MS3.1, 3C, Mindanao

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the event.

IDC 06 18:56:04.1 ± 0.9, 3.80N, 126.26E, h0km, mb3.8/8, mb1.4/0.9, mb1mx3.7/37, mbtmp3.7/10, ML4.2/1, MS3.0/3, Ms1.3/0.3, ms1mx2.6/27, Error ellipse: s-maj=56.7km s-min=15.2km az=73.0

ISCJB 06 18:56:08.0 ± 0.4, 3.90N, 0.04x126.69E, 0.05, h45km, mb3.8/9, MS2.8/1, Error ellipse: s-maj=7.8km s-min=5.4km az=148.3

DJA 06 18:56:10.1 ± 1.2, 4°N, 10°12'7E, h10km, M4.5, mb4.7/5, Ms5.0/4, MLV4.2/11, h10km, mb4.7/5

NEIC 06 18:56:15.2 ± 1.4, 3.94N, 126.87E, h64km, 14km, mb4.0/2, Error ellipse: s-maj=30.1km s-min=7.4km az=76.0

AUST 06 18:56:40.6 ± 1.0, 0N, 127.00E, h100km

ISC 06 18:56:10.4 ± 0.6, 3.88N, 0.06x126.59E, 0.08, h45km, n44, c#132/38, mb3.7/9, Talaud Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the event.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the event.

TIF 06 19:04:01.6 ± 42.53N, 43.52E, h8km, 2km, Western Caucasus

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the event.

DDA 06 19:05:57.1 ± 40.27N, 40.03E, h7km, MD2.6, Turkey

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the event.

ISK 06 19:15:23.5 ± 38.43N, 39.140E, h5km, MD2.8

ISCJB 06 19:15:24.7 ± 0.5, 38.42N, 0.03x39.32E, 0.04, h4km, 4km, Error ellipse: s-maj=6.7km s-min=4.2km az=42.2

DDA 06 19:15:24.2 ± 0.3, 38.41N, 39.31E, h7km, MD2.7

CSEM 06 19:15:24.2 ± 0.2, 38.42N, 39.30E, h4km, MD2.8, Error ellipse: s-maj=5.6km s-min=3.8km az=47.0

ISC 06 19:15:24.2 ± 0.9, 38.43N, 0.03x39.33E, 0.03, h2km, 5km, n18, c#38/31, Turkey

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the event.

CSEM 06 19:20:16.2 ± 0.5, 41.58N, 31.19E, h10km, MD2.9, Error ellipse: s-maj=12.2km s-min=8.0km az=34.0

ISK 06 19:20:22.8 ± 40.88N, 31.63E, h5km, MD2.9

DDA 06 19:20:23.2 ± 40.89N, 31.59E, h7km, MD2.9

ISC 06 19:20:23.0 ± 1.1, 40.94N, 0.04x31.57E, 0.02, h12km, 10km, n25, c#57/38, Turkey

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the event.

IDC 06 19:20:34.0 ± 0.8, 37.63N, 22.53E, h0km, mb3.7/9, mb1.3/7.14, mb1mx3.6/33, mbtmp3.6/14, ML3.4/5, MS2.6/2, Ms1.2/6.2, ms1mx2.2/30, Error ellipse: s-maj=22.3km s-min=15.8km az=71.0

HLW 06 19:20:38.0 ± 37.43N, 22.11E, h20km, 10km, M3.5, M13.3

ISCJB 06 19:20:41.9 ± 0.2, 37.60N, 0.02x22.50E, 0.02, h63km, 2km, n25, c#57/38, Error ellipse: s-maj=2.8km s-min=2.2km az=37.9

ATH 06 19:20:42.1 ± 37.59N, 22.61E, h56km, 1km, MD3.7/39, ML3.6

THE 06 19:20:43.3 ± 37.60N, 22.58E, h55km, 1km, ML3.8/18, Error ellipse: s-maj=1.3km s-min=0.5km az=254.0

CSEM 06 19:20:43.2 ± 0.1, 37.59N, 22.54E, h54km, 2km, ML3.9, Error ellipse: s-maj=2.4km s-min=1.8km az=45.0

DDA 06 19:20:55.4 ± 37.80N, 23.93E, h16km, MD3.2

ISC 06 19:20:42.0 ± 0.4, 37.58N, 0.02x22.57E, 0.02, h6km, 3km, n338, c#136/426, mb3.5/9, 15C-2D, Southern Greece

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the event.

ACOR Acrocorinthos	0.39 37 P	Pn	19 20 53.4 +0.6	SMIA Simia	1.39 21 eP	Pn	19 21 06.4 +1.3	NPS Neapolis	3.37 132 eP	Pn	19 21 33.4 +1.2
ACOR GOURA	0.40 332 eS	Sn	19 21 00.9 +0.2	SMIA Simia	1.39 21 eS	Sn	19 21 23.5 +1.0	NPS Neapolis	3.37 132 eP	Pn	19 21 33.4 +1.2
GUR GOURA	0.40 332 eS	Sn	19 20 53.8 +0.7	SMIA Simia	1.39 21 eP	Sn	19 21 06.5 +1.3	SMG Samos	3.39 87 eP	Pn	19 21 34.0 +1.7
GUR GOURA	0.40 332 eS	Sn	19 21 01.1 0.0	AGG Agios Georgios	1.45 352 eP	Sn	19 21 23.6 +1.0	SMG Samos	3.39 87 eP	Pn	19 21 34.0 +1.7
GUR GOURA	0.40 332 eS	Sn	19 20 53.7 +0.7	AGG Agios Georgios	1.45 352 eP	Sn	19 21 06.9 +0.9	KNT Kendrikon	3.58 4 ePN	Pn	19 21 36.4 +1.4
GUR GOURA	0.40 332 eS	Sn	19 21 01.0 0.0	AGG Agios Georgios	1.45 352 eP	Pn	19 21 06.9 +0.9	KNT Kendrikon	3.58 4 eS	Sn	19 22 18.8 +0.7
THAL Thalerio	0.46 9 eS	Sn	19 20 54.3 +0.7	EVR Evrytania	1.46 336 eP	Pn	19 21 07.3 +1.0	KNT Kendrikon	3.58 4 eS	Sn	19 21 36.4 +1.4
THAL Thalerio	0.46 9 eS	Sn	19 21 02.3 +0.4	EVR Evrytania	1.46 336 eP	Pn	19 21 07.3 +1.0	KNT Kendrikon	3.58 4 eP	Pn	19 21 36.7 +1.7
THAL Thalerio	0.46 9 eS	Sn	19 20 54.2 +0.7	EVR Evrytania	1.46 336 eP	Pn	19 21 07.2 +1.0	SRS Serrai	3.62 12 eP	Pn	19 21 36.9 +1.4
THAL Thalerio	0.46 9 eS	Sn	19 20 54.2 +0.7	MAKR Makrakomi, Fth	1.47 346 P	Pn	19 21 07.5 +1.2	SRS Serrai	3.62 12 eP	Pn	19 21 36.6 +1.1
THAL Thalerio	0.46 9 eS	Sn	19 21 02.3 +0.4	MAKR Makrakomi, Fth	1.47 346 P	Pn	19 21 07.5 +1.2	GADA Gvigeada	3.67 44 ePN	Pn	19 21 38.1 +1.9
KRND KRANIDI	0.50 113 P	Sn	19 20 54.8 +0.9	PDO Prodromos	1.49 313 eP	Pn	19 21 08.7 +2.1	GADA Gvigeada	3.67 44 ePN	Pn	19 21 38.1 +1.9
KRND KRANIDI	0.50 113 P	Sn	19 21 03.8 +1.2	PDO Prodromos	1.49 313 P	Pn	19 21 08.5 +1.9	SMTH Samothraki Isl	3.69 38 eP	Pn	19 21 37.0 +0.5
KRND KRANIDI	0.50 113 P	Sn	19 20 54.8 +0.9	PDO Prodromos	1.49 313 eP	Pn	19 21 08.5 +1.9	SMTH Samothraki Isl	3.69 38 eP	Pn	19 21 37.0 +0.5
KRND KRANIDI	0.50 113 P	Sn	19 21 04.2 +1.6	KFL Anninata	1.51 291 eP	Pn	19 21 08.3 +1.6	OHR Ohrid	3.78 339 ePN	Sn	19 22 36.0 -1.5
LOUT Loutraki	0.51 38 eS	Pn	19 20 55.0 +0.9	KFL Anninata	1.51 291 eP	Pn	19 21 08.3 +1.6	OHR Ohrid	3.78 339 ePN	Sn	19 22 36.0 -1.5
LOUT Loutraki	0.51 38 eS	Pn	19 21 03.7 +0.8	KFL Anninata	1.51 291 eP	Pn	19 21 08.4 +1.7	OHR Ohrid	3.78 339 ePN	Sn	19 22 36.3 -1.5
LOUT Loutraki	0.51 38 eS	Pn	19 20 55.0 +0.9	KARY Karystos	1.54 73 P	Pn	19 21 08.6 +1.4	OHR Ohrid	3.78 339 ePN	Sn	19 22 36.3 -1.5
LOUT Loutraki	0.51 38 eS	Pn	19 21 03.7 +0.8	KARY Karystos	1.54 73 P	Pn	19 21 26.9 +0.7	OHR Ohrid	3.78 339 ePN	Sn	19 22 36.3 -1.5
LOUT Loutraki	0.51 38 eS	Pn	19 20 55.0 +0.9	SERY Serifos	1.58 105 eS	Sn	19 21 08.7 +1.0	BODT Bodrum	3.81 96 ePN	Pn	19 22 40.4 +0.2
LOUT Loutraki	0.51 38 eS	Pn	19 20 55.0 +0.9	SERY Serifos	1.58 105 eS	Sn	19 21 27.5 +0.3	BODT Bodrum	3.81 96 ePN	Pn	19 22 40.4 +0.2
LTK LTK	0.54 35 eS	Pn	19 21 04.0 +0.6	SERY Serifos	1.58 105 eS	Sn	19 21 08.7 +1.0	ZKR Zakros	3.84 129 eP	Pn	19 21 40.5 +2.0
LTK LTK	0.54 35 eS	Pn	19 20 55.3 +0.9	SERY Serifos	1.58 105 eS	Sn	19 21 27.5 +0.3	ZKR Zakros	3.84 129 eP	Pn	19 21 40.5 +2.0
LTK LTK	0.54 35 eS	Pn	19 21 04.0 +0.6	SERY Serifos	1.58 105 eS	Sn	19 21 27.5 +0.3	NVR Nevrokopi	3.89 14 eP	Pn	19 21 41.1 +1.8
LTK LTK	0.54 35 eS	Pn	19 20 55.3 +0.9	SERY Serifos	1.58 105 eS	Sn	19 21 10.0 +1.0	NVR Nevrokopi	3.89 14 eP	Pn	19 21 41.1 +1.8
LTK LTK	0.54 35 eS	Pn	19 20 55.3 +0.9	VLS Valsamata	1.68 291 eP	Pn	19 21 10.1 +1.0	NVR Nevrokopi	3.89 14 eP	Pn	19 21 40.5 +2.0
LTK LTK	0.54 35 eS	Pn	19 20 54.8 +0.9	VLS Valsamata	1.68 291 eP	Pn	19 21 10.1 +1.0	NVR Nevrokopi	3.89 14 eP	Pn	19 21 40.5 +2.0
KLK Kalavryta, Ach	0.57 324 eS	Sn	19 20 55.3 +0.5	MHLO Agia Marina, M	1.71 121 P	Pn	19 21 10.7 +1.2	BDRM Kayabasi	3.92 96 iP	Pn	19 21 41.1 +1.5
KLK Kalavryta, Ach	0.57 324 eS	Sn	19 21 04.7 +0.6	MHLO Agia Marina, M	1.71 121 P	Pn	19 21 10.7 +1.2	BDRM Kayabasi	3.92 96 iP	Pn	19 21 41.1 +1.5
KLK Kalavryta, Ach	0.57 324 eS	Sn	19 20 55.3 +0.5	NEO Neokhori	1.79 16 eP	Pn	19 21 11.7 +1.0	ENEZ Enez	4.20 40 ePN	Pn	19 21 45.7 +2.2
KLK Kalavryta, Ach	0.57 324 eS	Sn	19 21 04.6 +0.5	NEO Neokhori	1.79 16 eP	Pn	19 21 33.0 +0.6	ENEZ Enez	4.20 40 ePN	Pn	19 21 45.7 +2.2
KLK Kalavryta, Ach	0.57 324 eS	Sn	19 21 04.7 +0.6	NEO Neokhori	1.79 16 eP	Pn	19 21 33.0 +0.6	AYDN Tasoluk	4.21 87 iP	Sn	19 21 57.3 +3.1
ITM Ithomi	0.66 232 eS	Pn	19 20 57.1 +1.4	NEO Neokhori	1.79 16 eP	Pn	19 21 11.6 +0.9	AYDN Tasoluk	4.21 87 iP	Sn	19 21 57.3 +3.1
ITM Ithomi	0.66 232 eS	Pn	19 21 07.3 +1.6	ANKY Antikythira Is	1.81 161 eP	Pn	19 21 11.5 +0.7	AYDN Tasoluk	4.21 87 iP	Sn	19 21 57.3 +3.1
ITM Ithomi	0.66 232 eS	Pn	19 20 57.0 +1.4	ANKY Antikythira Is	1.81 161 eP	Pn	19 21 11.7 +0.9	AYDB Zeytinokoy-Aydi	4.23 83 ePN	Pn	19 21 46.5 +2.5
ITM Ithomi	0.66 232 eS	Pn	19 21 06.9 +1.2	ANKY Antikythira Is	1.81 161 eP	Pn	19 21 11.7 +0.9	AYDB Zeytinokoy-Aydi	4.23 83 ePN	Pn	19 21 46.5 +2.5
ITM Ithomi	0.66 232 eS	Pn	19 21 07.1 +1.4	FYTO Fytokos, Volos	1.84 9 eP	Pn	19 21 12.4 +1.1	AYDB Zeytinokoy-Aydi	4.23 83 ePN	Pn	19 21 46.5 +2.5
ITM Ithomi	0.66 232 eS	Pn	19 21 07.5 +1.8	FYTO Fytokos, Volos	1.84 9 eP	Pn	19 21 12.4 +1.1	RDO Rodhopi	4.23 32 eP	Pn	19 21 45.3 +1.4
AMT Artemida-Makis	0.69 266 eS	Pn	19 20 57.4 +1.3	XOR Xorichti	1.84 15 eP	Pn	19 21 12.4 +1.1	ALN Alexandroupoli	4.27 38 ePN	Pn	19 21 47.0 +2.6
AMT Artemida-Makis	0.69 266 eS	Pn	19 21 08.5 +2.0	XOR Xorichti	1.84 15 eP	Pn	19 21 12.4 +1.1	ALN Alexandroupoli	4.27 38 ePN	Pn	19 21 45.2 +0.8
AMT Artemida-Makis	0.69 266 eS	Pn	19 20 57.2 +1.1	XOR Xorichti	1.84 15 eP	Pn	19 21 12.3 +1.0	ALN Alexandroupoli	4.27 38 ePN	Pn	19 21 45.2 +0.8
AMT Artemida-Makis	0.69 266 eS	Pn	19 21 08.1 +1.6	AOS Alonnissos	1.89 33 ePN	Pn	19 21 13.3 +1.4	ALN Alexandroupoli	4.27 38 ePN	Pn	19 21 47.0 +2.6
AMT Artemida-Makis	0.69 266 eS	Pn	19 21 08.1 +1.6	AOS Alonnissos	1.89 33 ePN	Pn	19 21 13.3 +1.4	ALN Alexandroupoli	4.27 38 ePN	Pn	19 21 47.0 +2.6
AMT Artemida-Makis	0.69 266 eS	Pn	19 21 08.1 +1.6	AOS Alonnissos	1.89 33 ePN	Pn	19 21 13.3 +1.4	YER Yerkesik	4.57 94 ePN	Pn	19 21 51.4 +2.8
AMT Artemida-Makis	0.69 266 eS	Pn	19 21 08.1 +1.6	AOS Alonnissos	1.89 33 ePN	Pn	19 21 12.8 +0.9	ARG Arkhangelos	4.65 105 eP	Pn	19 21 52.6 +2.9
AMT Artemida-Makis	0.69 266 eS	Pn	19 20 58.0 +1.2	AOS Alonnissos	1.89 33 ePN	Pn	19 21 12.8 +0.9	ARG Arkhangelos	4.65 105 eP	Pn	19 21 52.6 +2.9
AMT Artemida-Makis	0.69 266 eS	Pn	19 20 58.0 +1.2	LKD2 Lefkada island	1.93 309 eP	Pn	19 21 14.7 +2.2	ARG Arkhangelos	4.65 105 eP	Pn	19 21 52.6 +2.9
AMT Artemida-Makis	0.69 266 eS	Pn	19 20 58.0 +1.2	LKD2 Lefkada island	1.93 309 eP	Pn	19 21 13.9 +1.4	TIP Timpagrande	4.84 291 P	Pn	19 21 52.8 +0.5
AMT Artemida-Makis	0.69 266 eS	Pn	19 20 58.0 +1.2	LKD2 Lefkada island	1.93 309 eP	Pn	19 21 13.9 +1.4	TIP Timpagrande	4.84 291 P	Pn	19 21 52.8 +0.5
AMT Artemida-Makis	0.69 266 eS	Pn	19 20 58.2 +1.1	LKD2 Lefkada island	1.93 309 eP	Pn	19 21 15.1 +2.5	TIP Timpagrande	4.84 291 P	Pn	19 21 52.8 +0.5
AMT Artemida-Makis	0.69 266 eS	Pn	19 20 58.2 +1.1	DSL Palaion Diesel	1.94 324 eP	Pn	19 21 14.4 +0.7	TIP Timpagrande	4.84 291 P	Pn	19 21 52.8 +0.5
AMT Artemida-Makis	0.69 266 eS	Pn	19 20 58.2 +1.1	DSL Palaion Diesel	1.94 324 eP	Pn	19 21 15.1 +2.5	TIP Timpagrande	4.84 291 P	Pn	19 21 52.8 +0.5
AMT Artemida-Makis	0.69 266 eS	Pn	19 20 58.2 +1.1	DSL Palaion Diesel	1.94 324 eP	Pn	19 21 14.4 +0.7	TIP Timpagrande	4.84 291 P	Pn	19 21 52.8 +0.5
AMT Artemida-Makis	0.69 266 eS	Pn	19 20 58.2 +1.1	DSL Palaion Diesel	1.94 324 eP	Pn	19 21 15.1 +2.5	TIP Timpagrande	4.84 291 P	Pn	19 21 52.8 +0.5
AMT Artemida-Makis	0.69 266 eS	Pn	19 20 58.2 +1.1	DSL Palaion Diesel	1.94 324 eP	Pn	19 21 14.4 +0.7	TIP Timpagrande	4.84 291 P	Pn	19 21 52.8 +0.5
AMT Artemida-Makis	0.69 266 eS	Pn	19 20 58.2 +1.1	DSL Palaion Diesel	1.94 324 eP	Pn	19 21 15.1 +2.5	TIP Timpagrande	4.84 291 P	Pn	19 21 52.8 +0.5
AMT Artemida-Makis	0.69 266 eS	Pn	19 20 58.2 +1.1	DSL Palaion Diesel	1.94 324 eP	Pn	19 21 14.4 +0.7	TIP Timpagrande	4.84 291 P	Pn	19 21 52.8 +0.5
AMT Artemida-Makis	0.69 266 eS	Pn	19 20 58.2 +1.1	DSL Palaion Diesel	1.94 324 eP	Pn	19 21 15.1 +2.5	TIP Timpagrande	4.84 291 P	Pn	19 21 52.8 +0.5
AMT Artemida-Makis	0.69 266 eS	Pn	19 20 58.2 +1.1	DSL Palaion Diesel	1.94 324 eP	Pn	19 21 14.4 +0.7	TIP Timpagrande	4.84 291 P	Pn	19 21 52.8 +0.5
AMT Artemida-Makis	0.69 266 eS	Pn	19 20 58.2 +1.1	DSL Palaion Diesel	1.94 324 eP	Pn	19 21 15.1 +2.5	TIP Timpagrande	4.84 291 P	Pn	19 21 52.8 +0.5
AMT Artemida-Makis	0.69 266 eS	Pn	19 20 58.2 +1.1	DSL Palaion Diesel	1.94 324 eP	Pn	19 21 14.4 +0.7	TIP Timpagrande	4.84 291 P	Pn	19 21 52.8 +0.5
AMT Artemida-Makis	0.69 266 eS	Pn	19 20 58.2 +1.1	DSL Palaion Diesel	1.94 324 eP	Pn	19 21 15.1 +2.5	TIP Timpagrande	4.84 291 P	Pn	19 21 52.8 +0.5
AMT Artemida-Makis	0.69 266 eS	Pn	19 20 58.2 +1.1	DSL Palaion Diesel	1.94 324 eP	Pn	19 21 14.4 +0.7	TIP Timpagrande	4.84 291 P	Pn	19 21 52.8 +0.5
AMT Artemida-Makis	0.69 266 eS	Pn	19 20 58.2 +1.1	DSL Palaion Diesel	1.94 324 eP	Pn	19 21 15.1 +2.5	TIP Timpagrande	4.84 291 P	Pn	19 21 52.8 +0.5
AMT Artemida-Makis	0.69 266 eS	Pn	19 20 58.2 +1.1	DSL Palaion Diesel	1.94 324 eP	Pn	19 21 14.4 +0.7	TIP Timpagrande	4.84 291 P	Pn	19 21 52.8 +0.5
AMT Artemida-Makis	0.69 266 eS	Pn	19 20 58.2 +1.1	DSL Palaion Diesel	1.94 324 eP	Pn	19 21 15.1 +2.5	TIP Timpagrande	4.84 291 P	Pn	19 21 52.8 +0.5
AMT Artemida-Makis	0.69 266 eS	Pn	19 20 58.2 +1.1	DSL Palaion Diesel	1.94 324 eP	Pn	19 21 14.4 +0.7	TIP Timpagrande	4.84 291 P	Pn	19 21 52.8 +0.5
AMT Artemida-Makis	0.69 266 eS	Pn	19 20 58.2 +1.1	DSL Palaion Diesel	1.94 324 eP	Pn	19 21 15.1 +2.5	TIP Timpagrande	4.84 291 P	Pn	19 21 52.8 +0.5
AMT Artemida-Makis	0.69 266 eS	Pn	19 20 58.2 +1.1	DSL Palaion Diesel	1.94 324 eP	Pn	19 21 14.4 +0.7	TIP Timpagrande	4.84 291 P	Pn	19 21 52.8 +0.5
AMT Artemida-Makis	0.69 266 eS	Pn	19 20 58.2 +1.1	DSL Palaion Diesel	1.94 324 eP	Pn	19 21 15.1 +2.5	TIP Timpagrande	4.84 291 P	Pn	19 21 52.8 +0.5
AMT Artemida-Makis	0.69 266 eS	Pn	19 20 58.2 +1.1	DSL Palaion Diesel	1.94 324 eP	Pn	19 21 14.4 +0.7	TIP Timpagrande	4.84 291 P	Pn	19 21 52.8 +0.5
AMT Artemida-Makis	0.69 266 eS	Pn	19 20 58.2 +1.1	DSL Palaion Diesel	1.94 324 eP	Pn	19 21 15.1 +2.5	TIP Timpagrande	4.84 291 P	Pn	19 21 52.8 +0.5
AMT Artemida-Makis	0.69 266 eS	Pn	19 20 58.2 +1.1	DSL Palaion Diesel	1.94 324 eP	Pn	19 21 14.4 +0.7	TIP Timpagrande	4.84 291 P	Pn	19 21 52.8 +0.5
AMT Artemida-Makis											

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like RSO Redoubt South, ULN Ulaanbaatar, GTA Gaotai, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like FINES FINES Array B, AKASA Main Array B, NOA comp=2.0, KOLS Kolonicke sedl, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WNVZ Wahiana, MOVZ Moawhango, BHHZ Black Hill Sta, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like JHHU Haha-jima-NKT, BSO1 Boso 1, BSO3 Boso 3, etc.

DJA 06:21:36:02.3:0.4, 1°N:4°12'0E", h10km, M4.6/6, mb4.5/6, mB4.9/2, MLV4.6/4, Mw(MB)4.2/2, ISCJB 06:21:36:04.2:0.6, 0.40N:0.07E:120.03E:0.05, h47km, mb4.2/7, MS2.7/1, Error ellipse: s-maj=9.9km s-min=7.8km az=172.9

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MPSI Mapaga, MPSI Marisa, MPSI Ampana, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WRA Warramunga Arr, WRKA Warakura, MEEK Meeke, etc.

ISC 06:21:53:46.7:1.0, 52.6S:0.1:25.6E:0.3, h10km, n16, 0.51H18, mb4.0/8, MS3.7/7, South of Africa

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SNA4 Snae, SNA4 Mawson, MAW Mawson, MAW Mawson, etc.

WEL 06:22:03:23.0:7.1, 39.91S:176.84E, h40km, ML3.5/17, 14C-6D, Error ellipse: s-maj=1.4km s-min=0.8km az=90.0, North Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KAHZ Kahuranaki, KAHZ Pawanui, PXZ Pawanui, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like WHTZ Whakaora, HOWZ Holdsworth Sta, WAZ Wanganui, etc.

CSEM 06:22:19:13.6, 12.01N:44.30E, h11km, ML4.2, DHMR 06:22:19:13.6, 1.3, 12.01N:44.30E, h11km, 20km, ML4.2, 1C, Western Arabian Peninsula

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

CSEM 06:22:19:05.9:0.2, 76.97N:19.13E, h10km, ML4.0, Error ellipse: s-maj=7.1km s-min=3.8km az=36.0

ISCJB 06:22:19:07.3:0.6, 76.67N:0.06:18.6E:0.2, h17km, mb3.1/1, Error ellipse: s-maj=10.3km s-min=4.8km az=37.4

NEO 06:22:21:07.1:1.0, 76.92N:18.89E, h11km, 10km, ML4.0, BEA 06:22:21:08.6:2.6, 76.93N:18.96E, h15km, 17km, ML2.1, ML3.2, ML4.0, N/A

ISC 06:22:21:19.1:3.1, 76.32N:24.45E, h0km, mb3.3/1, mb1.3/6.4, mb1mx3.2/28, mbtmpt3.6/4, ML2.4/3, Error ellipse: s-maj=52.4km s-min=22.6km az=112.0

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

Table with columns: SPX, comp, E, 91nm, 0.3s, IAML, 23 30 04.2, CBX, Cerro Bola, 1.20 275, eP, Pb, 23 29 47.2, -2.4, etc.

AUST 06 23:35:29.3, 2.49S x 131.01E, h35km
IDC 06 23:35:31.6, 1.0, 3.06S, 130.57E, h0km, mb3.6,
mb1 4.1/9, mb1mx3.8/25, mbtmp3.9/9, ML3.9/3, MS3.4/6,

ISCJB 06 23:35:34.8, 0.8, 3.1, 1S:0.04, 130.61E:0.06, h36km, 10km,
mb3.8/5, MS3.5/3, Error ellipse: s-maj=10.9km,
s-min=9.6km az=25.3

DJA 06 23:35:35.4, 1.5, 3.3S:3.13E, h19km, 18km, M3.8/8,
MLV3.8/8
ISC 06 23:35:36.7, 1.1, 3.03S:0.04, 130.43E:0.04, h42km, 13km,

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC, etc.

WEL 06 23:36:29.2, 0.1, 43.53S x 171.88E, h10km, ML3.9/20,
1C-3D, Error ellipse: s-maj=0.8km s-min=0.6km az=90.0, Off
west coast of South Island

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC, etc.

Table with columns: TCW, DUWZ, D'Urville Isla, 3.12 30, AML, AML, 23 37 58.4, etc.

JMA 06 23:59:05.1, 0.2, 25.89N x 124.05E, h191km, M3.8,
Northeast of Taiwan

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC, etc.

IDC 07 00:00:36.5, 5.3, 2.68S: 131.69E, h0km, mb3.6/3,
mb1 3.7/4, mb1mx3.4/29, mbtmp3.6/4, ML3.7/1, Error
ellipse: s-maj=388.0km s-min=25.4km az=74.0,

ISCJB 07 00:00:40.7, 0.8, 3.14S:0.07, 130.58E:0.07, h24km,
mb3.7/2, Error ellipse: s-maj=11.7km s-min=7.8km
az=36.3

DJA 07 00:00:43.3, 1.5, 3.3S:6.13E, h15km, 13km, M3.5/7,
MLV3.5/7
ISC 07 00:00:42.6, 0.9, 3.09S:0.08, 130.48E:0.07, h24km, n9,

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC, etc.

DDA 07 00:21:01.3, 36.39N:36.97E, h7km, MD2.7
ISC 07 00:20:59.3, 61.3, 36.20N:1.37E:0.1, h4km, n5,
<069/10, Jordan - Syria region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC, etc.

WEL 07 00:26:34.3, 0.2, 46.26S x 165.95E, h23km, ML3.6/8, 1C-2D,
Error ellipse: s-maj=1.3km s-min=0.9km az=90.0, Off
west coast of South Island

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC, etc.

CSEM 07 00:27:05.4, 12.29N:44.48E, h7km, ML3.5
DHMR 07 00:27:05.4, 2.3, 12.29N:44.48E, h8km, 17km, ML3.5, 2C,
Western Arabian Peninsula

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC, etc.

IDC 07 00:30:51.7, 4.8, 20.96S: 178.07W, h475km, 50km,
mb3.2/12, mb1 3.4/13, mb1mx3.9/28, mbtmp4.0/13, Error
ellipse: s-maj=24.2km s-min=18.3km az=90.0

ISCJB 07 00:30:52.7, 0.7, 21.10S:0.2, 178.20W:0.1, h495km,
mb3.5/12, Error ellipse: s-maj=24.2km s-min=15.0km
az=149.0

ISC 07 00:30:53.0, 0.7, 21.10S:0.2, 178.20W:0.1, h495km, n19,
<060/19, mb3.5/12, Fiji Islands region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC, etc.

ISCJB 07 00:50:36.1, 0.7, 6.07S:0.06, 146.80E:0.09, h78km,
mb3.7/10, Error ellipse: s-maj=13.8km s-min=7.1km
az=158.1

IDC 07 00:50:36.0, 2.5, 6.03S: 146.77E, h57km, 23km, mb3.6/10,
mb1 3.8/15, mb1mx3.7/36, mbtmp3.9/15, ML3.6/3, Error
ellipse: s-maj=24.5km s-min=13.5km az=70.0

ISC 07 00:50:38.1, 0.8, 6.09S:0.08, 146.70E:0.1, h78km, n16,
<082/18, mb3.7/10, Eastern New Guinea region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC, etc.

SZGRF 07 00:57:19.4, 6.89S: 105.13E, h33km, mb5.5, MS5.2,
Sunda Strait, Indonesia
AUST 07 00:57:20.8, 0.2, 6.98S: 103.38E, h0km, Error ellipse:
s-maj=5.3km s-min=3.5km az=53.0

IDC 07 00:57:22.7, 1.5, 6.85S: 103.55E, h10km, 8km, mb5.1/44,
mb1 5.1/47, mb1mx5.1/54, mbtmp5.2/47, ML4.6/3, MS5.1/24,
MS1 5.1/24, mb1mx4.9/42, Error ellipse: s-maj=10.1km
s-min=6.0km az=42.0

GCMT 07 00:57:22.7, 0.1, 7.10S: 103.43E, h12km, MW5.5/105,
Moment Tensor Solution. 684, c143, s105, c278,
Duration: 1s4 Moment tensor: Scale 10^17Nm;
M2: 05.03; Mw: 1.79; 0.2: Mw: 0.25; 0.3: Mw: 1.19; 0.7:
Mw: 1.11; 0.2: Mw: 0.01; 0.9: Best double couple:
M2: 52.100x10^17 NP1: 104.000000; 859.000000;
1.74.000000; NP2: 313.000000; 834.000000; 1.115.000000.

Principal axes: T 2.4300, Plg17.0000, Azm337.0000;
N 0.1910, Plg14.0000, Azm112.0000; P -2.6130,
Plg13.0000, Azm205.0000; nsta1 refers to body waves,
cutoff=40s, nsta2 refers to surface/mantle waves,
cutoff=50s.

NEIC 07 00:57:22.4, 0.1, 6.92S: 103.46E, h8km, mb5.7/77, ME5.5,
MS5.4/268, MW5.5 Error ellipse: s-maj=5.2km
s-min=3.7km az=32.0, Depth from synthetics of broadband
displacement seismograms. Energy computed from CMT
mechanism.

ISCJB 07 00:57:23.7, 0.1, 6.92S:0.02, 103.52E:0.01, h29km,
mb5.5/188, MS5.4/319, Error ellipse: s-maj=2.6km
s-min=1.8km az=22.0

DJA 07 00:57:24.8, 0.8, 7.52S: 103.3E, h39km, 8km, M5.7/70,
mb5.7/70, mb6.1/69, MLV5.9/36, Mw(mb)5.7/69, Mwps.5/70,
BUJ 07 00:57:24.9, 7.00S: 103.70E, h34km, mb5.5/72, Mb5.6/70,
Ms6.0/86, Ms7.5/780

KLM 07 00:57:24.0, 7.07S: 103.27E, h37km, mb5.8, ML5.6, MS6.4
MOS 07 00:57:25.0, 1.0, 6.75S: 103.63E, h33km, mb5.8/70,
MS5.4/67, Error ellipse: s-maj=7.7km s-min=4.1km
az=120.7

NEIC 07 00:57:26.0, 0.6, 6.97S: 103.66E, h15km, Moment Tensor
Solution. 64 Moment tensor: Scale 10^17Nm; Mw: 1.57;
Mw: 1.26; Mw: 0.30; Mw: 1.22; Mw: 0.61; Mw: 0.74; Best
double couple: M2: 10000.0x10^17 NP1: 119.000000;
866.000000; 1.92.000000; NP2: 292.000000; 824.000000;
1.83.000000; Principal axes: T 2.1200, Plg68.0000;
Azm34.0000; N -0.0100, Plg2.0000; Azm298.0000; P
-2.1100, Plg21.0000; Azm207.0000;

ISC 07 00:57:25.6, 0.4, 6.92S:0.03, 103.56E:0.03, h28km, 2km,
h1km; P: 1.795, 1.834, 1.782, mb5.6/201, MS5.4/323,
114C-37D, Southwest of Sumatra

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC, etc.

7d 0h

Table with columns: YAK, comp, smax, smax, and various station names like David-gareji, Van, Delisi, etc.

2010 SEP

Table with columns: BRBR, GZT, KEMA, AKED, PET, etc., and various station names like Barbar, Gaziantep, Kema, etc.

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Table with columns: SIM, SVRH, KORT, BOLV, ISP, etc., and various station names like Simferopol', Sivrihisar-ESK, Korkuluk, etc.

EDM	Edmonton	124.96	26	ePKIKP	MLR	PKPpdf	MLR	01 16 20.4	-2.8
EDM	Edmonton	124.96	26	ePKPpdf	LR	PKPpdf	LR	01 16 20.4	-2.8
B08A	Colville Reser	125.05	34	ePKPpdf	LR	PKPpdf	LR	01 16 22.4	-1.0
I03D	Drain, OR	125.06	40	PKIKP	LR	PKIKP	LR	01 16 24.1	+0.2
H04A	Detroit Lake	125.32	39	PFAKE	LR	LR	LR	01 16 30.0	+5.9
L02D	Cave Junction,	125.59	42	PKIKP	LR	PKIKP	LR	01 16 25.4	+0.3
I04A	Tendick Farm,	125.61	40	PKIKP	LR	PKIKP	LR	01 16 25.3	+0.2
E07A	Sunnyside	125.75	36	PFAKE	LR	LR	LR	01 16 40.0	+1.5
HUMO	Hull Mountain	125.81	41	ePKPpdf	LR	PKPpdf	LR	01 16 26.4	+1.3
C09A	Chrisman Ranch	125.95	34	PFAKE	LR	LR	LR	01 16 40.0	+1.5
D08A	Wollman Farm,	126.01	35	ePKPpdf	LR	PKPpdf	LR	01 16 26.2	+0.9
I05D	Terrebonne, OR	126.02	39	PKIKP	LR	PKIKP	LR	01 16 26.2	+0.3
HAWA	Hanford	126.03	36	ePKPpdf	LR	PKPpdf	LR	01 16 26.5	+1.2
J04D	Umpqua Nationa	126.07	40	PKIKP	LR	PKIKP	LR	01 16 26.4	+0.2
NEW	Newport	126.31	33	PKIKP	LR	PKIKP	LR	01 16 26.6	+0.3
NEW	Newport	126.31	33	PFAKE	LR	LR	LR	01 16 40.0	+1.4
YBH	Yreka Blue Hor	126.38	42	PFAKE	LR	LR	LR	01 16 40.0	+1.4
M02C	Callahan	126.43	43	PKIKP	LR	PKIKP	LR	01 16 26.8	0.0
FCC	Fort Churchill	126.53	11	PFAKE	LR	LR	LR	01 16 40.0	+1.4
J05D	Fort Rock, OR	126.60	40	PKIKP	LR	PKIKP	LR	01 16 27.3	+0.1
N02D	Trinity Center	126.72	43	PKIKP	LR	PKIKP	LR	01 16 27.7	+0.2
M04C	Macdoel	126.93	42	PKIKP	LR	PKPpdf	LR	01 16 27.7	+0.3
G08A	Pilot Rock	126.97	37	ePKPpdf	LR	PKPpdf	LR	01 16 28.1	+0.8
WDC	Whiskeytown Da	127.01	43	PFAKE	LR	LR	LR	01 16 40.0	+1.3
K05A	Summer Lake	127.10	40	ePKPpdf	LR	PKPpdf	LR	01 16 29.1	+1.3
I07A	Izeze	127.28	38	PFAKE	LR	LR	LR	01 16 40.0	+1.2
WALA	Wateron Lakes	127.48	30	PFAKE	LR	LR	LR	01 16 40.0	+1.2
F10A	Beach Ranch, E	127.59	35	PFAKE	LR	LR	LR	01 16 40.0	+1.2
O03D	Paynes Creek	127.64	43	PKIKP	LR	PKIKP	LR	01 16 29.7	+0.4
BSMT	Bassow Peak	127.80	32	ePKPpdf	LR	PKPpdf	LR	01 16 29.1	+0.2
MOD	Modoc	127.88	41	ePKPpdf	LR	PKPpdf	LR	01 16 32.3	+3.0
FFC	Flin Flon	128.11	19	ePKPpdf	LR	PKPpdf	LR	01 16 09.6	
FFC	Flin Flon	128.11	19	ePKPpdf	LR	PKPpdf	LR	01 16 09.6	
J08A	Circle Bar Flan	128.30	38	PFAKE	LR	LR	LR	01 16 40.0	+1.0
SWMT	Swartz Lake	128.43	32	ePKPpdf	LR	PKPpdf	LR	01 16 31.3	+1.2
WVOR	Wild Horse Val	128.68	40	ePKPpdf	LR	PKPpdf	LR	01 16 27.8	-2.9
WVOR	Wild Horse Val	128.68	40	ePKPpdf	LR	PKPpdf	LR	01 16 27.8	-2.9
SLMT	Seeley Lake	128.87	32	ePKPpdf	LR	PKPpdf	LR	01 16 32.4	+1.5
MSO	Missoula	128.89	32	PKIKP	LR	PKPpdf	LR	01 16 31.5	+0.5
MSO	Missoula	128.89	32	ePKPpdf	LR	PKPpdf	LR	01 16 32.9	+1.9
MSO	Missoula	128.89	32	ePKPpdf	LR	PKPpdf	LR	01 18 31.6	-5.9
CHMT	Chamberlain Mo	129.20	32	ePKPpdf	LR	PKPpdf	LR	01 16 31.8	+0.1
CMB	Columbia Colle	129.63	45	PFAKE	LR	LR	LR	01 16 40.0	+7.4
MFID	Camas Ranch	129.88	37	ePKPpdf	LR	PKPpdf	LR	01 16 34.2	+1.3
WAKR	Walker	130.09	44	ePKPpdf	LR	PKPpdf	LR	01 16 36.5	+2.9
EGMT	Eagleton	130.22	29	PKIKP	LR	PKIKP	LR	01 18 36.3	-1.0
EGMT	Eagleton	130.22	29	ePKPpdf	LR	PKPpdf	LR	01 16 34.8	+1.4
LRM	Limekiln Ridge	130.33	33	ePKPpdf	LR	PKPpdf	LR	01 16 34.7	+0.8
DLMT	Dillon	130.54	33	ePKPpdf	LR	PKPpdf	LR	01 16 35.9	+1.6
HLID	Hailey	130.63	36	PKIKP	LR	PKIKP	LR	01 16 35.5	+0.2
HLID	Hailey	130.63	36	ePKPpdf	LR	PKPpdf	LR	01 16 36.2	+1.8
BMN	Battle Mountai	130.63	41	PFAKE	LR	LR	LR	01 16 40.0	+5.5
MCMT	McKenzie Canyo	130.74	34	ePKPpdf	LR	PKPpdf	LR	01 16 36.1	+1.4
NV01	Mina Array St	130.91	44	ePKPpdf	LR	PKPpdf	LR	01 16 36.0	+0.8
NVAR	Mina Array Bea	130.91	44	ePKPpdf	LR	PKPpdf	LR	01 16 35.9	+0.7
NVAR	Mina Array Bea	130.91	44	ePKPpdf	LR	PKPpdf	LR	01 20 01.2	+3.5
MTUM	Tungsten Hills	131.23	45	ePKPpdf	LR	PKPpdf	LR	01 16 38.7	+2.9
QLMT	Earthquake Lak	131.52	33	ePKPpdf	LR	PKPpdf	LR	01 16 40.6	+4.5
SCHQ	Schefferville	131.61	353	PKP	LR	PKPpdf	LR	01 16 35.6	-0.1
SBC	Santa Barbara	131.67	49	PKIKP	LR	PKPpdf	LR	01 16 36.7	+0.3
ELK	Elko	131.74	40	ePKPpdf	LR	PKPpdf	LR	01 16 38.9	+2.2
ELK	Elko	131.74	40	ePKPpdf	LR	PKPpdf	LR	01 16 38.9	+2.2
G0MT	Greycliff	131.81	31	ePKPpdf	LR	PKPpdf	LR	01 16 38.0	+1.4
BSC	Santa Cruz Isl	131.91	50	PKIKP	LR	PKIKP	LR	01 16 38.0	+0.8
CWC	Cottonwood Cre	132.00	46	PKIKP	LR	PKIKP	LR	01 16 38.6	+0.4
ARVC	Arvin	132.04	48	PKIKP	LR	PKIKP	LR	01 16 39.0	+0.8
ISA	Isabella	132.06	47	PFAKE	LR	LR	LR	01 16 50.0	+1.3
LKWY	Lake	132.25	33	PFAKE	LR	LR	LR	01 16 50.0	+1.2
H17A	Grant Village	132.26	33	PFAKE	LR	LR	LR	01 16 50.0	+1.2
IMW	Indian Meadow	132.39	34	PFAKE	LR	LR	LR	01 16 50.0	+1.2
FLWY	Flagg Ranch	132.40	33	PFAKE	LR	LR	LR	01 16 50.0	+1.2

DAC	Darwin (Calif)	132.42	46	ePKIKP	PKPpdf	MLR	MLR	01 16 40.7	+2.6
DAC	Darwin (Calif)	132.42	46	ePKPpdf	PKPpdf	MLR	MLR	01 16 40.6	+2.6
A25A	Dvargstun Ranch	132.45	24	PKIKP	PKIKP	LR	LR	01 16 38.8	+0.2
RLMT	Red Lodge	132.47	31	PKIKP	PKIKP	LR	LR	01 16 38.8	-0.2
RLMT	Red Lodge	132.47	31	PFAKE	LR	LR	LR	01 16 50.0	+1.2
FXWY	Fox Creek	132.51	34	ePKPpdf	PKPpdf	LR	LR	01 16 40.0	+1.9
MOOW	Moose Ponds	132.60	34	ePKPpdf	PKPpdf	LR	LR	01 16 40.3	+2.1
MPMC	Manual Propsec	132.60	46	PKIKP	PKPpdf	LR	LR	01 16 39.1	+0.7
TPAW	Teton Pass	132.65	34	ePKPpdf	PKPpdf	LR	LR	01 16 41.3	+2.9
HVU	Hansel Valley	132.66	37	ePKIKP	MLR	PKPpdf	MLR	01 16 40.5	+2.2
HVU	Hansel Valley	132.66	37	ePKPpdf	PKPpdf	LR	LR	01 16 40.5	+2.2
LRMC	Laurel Mountai	132.72	47	PKIKP	PKIKP	LR	LR	01 16 39.5	-0.2
LOHW	Long Hollow	132.76	34	ePKPpdf	PKPpdf	LR	LR	01 16 40.6	+2.0
EDW2	Edwards Air Fo	132.77	48	PKIKP	PKIKP	LR	LR	01 16 39.6	-0.2
SNOW	Snow King Moun	132.78	34	PFAKE	LR	LR	LR	01 16 50.0	+1.1
REDW	Red Top Meadow	132.79	34	ePKPpdf	PKPpdf	LR	LR	01 16 40.5	+1.9
R11A	Troy Canyon, C	132.79	43	PKIKP	PKIKP	LR	LR	01 16 39.7	-0.1
R11A	Troy Canyon, C	132.79	43	ePKPpdf	PKPpdf	LR	LR	01 16 40.0	+1.3
LAO	LASA Array	132.84	28	PKIKP	PKPpdf	LR	LR	01 16 38.8	+0.4
LAO	LASA Array	132.84	28	ePKPpdf	PKPpdf	LR	LR	01 16 40.5	+2.1
FURC	Furnace Creek,	132.85	45	PKIKP	PKPpdf	LR	LR	01 16 39.3	+0.8
A26A	Wade Farm, Ken	132.91	23	PKIKP	PKIKP	LR	LR	01 16 39.3	-0.3
H19A	Powell	132.92	32	PKIKP	PKPpdf	LR	LR	01 16 39.4	+0.7
BGU	Big Grass Mou	133.01	38	ePKPpdf	PKPpdf	LR	LR	01 16 41.3	+2.3
AHID	Auburn Hatcher	133.03	35	PFAKE	LR	LR	LR	01 16 50.0	+1.1
TPNV	Topopah Spring	133.05	45	PKIKP	PKPpdf	LR	LR	01 16 38.8	-0.4
SPUT	South Promonto	133.14	37	PFAKE	LR	LR	LR	01 16 50.0	+1.1
GSC	Goldstone	133.44	47	ePKIKP	PKPpdf	PKPpdf	LR	01 16 42.7	+2.8
GSC	Goldstone	133.44	47	ePKPpdf	PKPpdf	PKPpdf	LR	01 16 42.7	+2.8
HWUT	Hardware Ranch	133.48	36	ePKPpdf	PKPpdf	LR	LR	01 16 41.9	+2.0
H20A	Greybull	133.56	31	PKIKP	PKPpdf	LR	LR	01 16 40.5	+0.6
DUG	Dugway	133.57	39	ePKIKP	MLR	PKPpdf	MLR	01 16 42.4	+2.3
DUG	Dugway	133.57	39	PKIKP	PKPpdf	LR	LR	01 16 40.8	+0.7
DUG	Dugway	133.57	39	ePKPpdf	PKPpdf	LR	LR	01 16 42.4	+2.3
J19A	Crownhater	133.84	33	PKIKP	PKPpdf	LR	LR	01 16 41.3	+0.8
ULM	Lac du Bonnet	133.85	17	PKP	PKPpdf	LR	LR	01 16 40.0	-0.1
ULM	Lac du Bonnet	133.85	17	PKIKP	PKPpdf	LR	LR	01 16 40.0	-0.1
I20A	World	133.87	32	PKIKP	PKPpdf	LR	LR	01 16 40.9	+0.5
BW06	Boulder Array	133.89	34	ePKPpdf	PKPpdf	LR	LR	01 16 42.0	+1.3
H21A	Big Horn, Sher	133.95	30	PKIKP	PKPpdf	LR	LR	01 16 41.5	+0.9
SHPR	Sheep Range	134.03	45	ePKPpdf	PKPpdf	LR	LR	01 16 42.9	+1.8
D26A	Manning	134.25	25	PKIKP	PKIKP	LR	LR	01 16 42.3	0.0
E25A	Miller Ranch,	134.25	26	PKIKP	PKIKP	LR	LR	01 16 42.4	0.0
J20A	Shoshoni	134.30	32	PKIKP	PKPpdf	LR	LR	01 16 42.0	+0.7
HWB	Hans Werner Br	134.34	50	ePKPpre	PKPpre	LR	LR	01 16 30.3	
O16A	Springville	134.37	38	ePKPpdf	PKPpdf	LR	LR	01 16 41.8	+0.2
O16A	Springville	134.37	38	ePKPpdf	PKPpdf	LR	LR	01 16 46.0	+4.4
I21A	Big Trails, Te	134.40	31	PKIKP	PKIKP	LR	LR	01 16 42.4	-0.5
PFO	Pinyon Flat Ob	134.47	49	PKIKP	PKPpdf	LR	LR	01 16 42.1	+0.1
GMRC	Granite Mounta	134.51	47	PKIKP	PKIKP	LR	LR	01 16 43.1	-0.3
B03A	Belle Mtn. Jous	134.63	48	PKIKP	PKPpdf	LR	LR		

7d 0h

2010 SEP

Table with columns: ID, Name, Value, Count, Status, and other metrics. Includes entries like Ficken Ranch, George, Votaw Ranch, etc.

Table with columns: ID, Name, Value, Count, Status, and other metrics. Includes entries like Bolckow, Newcomb, Duane Minner, etc.

Table with columns: ID, Name, Value, Count, Status, and other metrics. Includes entries like Elmer, Wichita Mounta, Keystone Colle, etc.

Table with columns: ID, Name, Az, El, AzE, AzE, PK, PK, Time, Res. Includes stations like 531A Rocksprings, 432A Menard, 333A Richland Sprin, etc.

Table with columns: ID, Name, Az, El, AzE, AzE, PK, PK, Time, Res. Includes stations like 735A Kenedy, 834A Tilden, 636A Smothers Creek, etc.

Table with columns: Code, Station Name, Az, El, AzE, AzE, PK, PK, Time, Res. Includes stations like ASAR Alice Springs, FITZ Fitzroy Crossi, SONM Songoi Array, etc.

2010 SEP

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like CTAO Charters Tower, PMG Port Moresby, STKA Stephens Creek, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like SKNT Sakolnakorn, TRF Thorofore Moun, SRU San Rafael, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like NB2 NORSAR Subarr, NOA NORSAR Array B, GNI Garni, etc.

7d 2h

Table with columns for call sign, frequency, power, and other technical details. Includes stations like MKAR, PVL, ARU, etc.

2015 SEP

Table with columns for call sign, frequency, power, and other technical details. Includes stations like DRGR, BZS, LSA, etc.

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Table with columns for call sign, frequency, power, and other technical details. Includes stations like SOKA, AQU, ARU, etc.

Table with columns: Station Name, Frequency, Bandwidth, SNR, and other technical details. Includes stations like FINES, VSL, GTA, MOTA, ROTZ, NKC, etc.

Table with columns: Station Name, Frequency, Bandwidth, SNR, and other technical details. Includes stations like CMST, CASM, CASH, COP, etc.

Table with columns: Station Name, Frequency, Bandwidth, SNR, and other technical details. Includes stations like MEM, ZAK, MUD, HGN, etc.

7d 3h

2010 SEP

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 PTK, BAYT, KELT, BINGOL, ERZURUM, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like BNI, BNI, AAK, AAK, HFS, NOA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like DZER, DZER, SFK, SFK, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like ADEN, ADEN, UDYN, UDYN, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like SLWS, SLWS, BTHS, BTHS, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like PAU, PAU, SKR, SKR, etc.

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EDM	Edmonton	22.07	84	eP	P	05 59 01.2	+2.1
D08A	Wollman Farm, 17nm, 1.5s	22.34	103	eP	P	05 59 04.3	+2.2
NEW	Newport 4.3nm, 0.5s, baz=331, slow=5.3, SNR=6.8	22.57	98	P	P	05 59 06.9	+2.3
NEW	Newport 6.4nm, 1.1s	22.57	98	eP	P	05 59 03.5	-1.1
NEW	Newport	22.57	98	eP	P	05 59 06.5	+1.9
NEW	Tendick Farm, 22.75 113 P	22.75	113	P	P	05 59 06.9	+2.3
I05D	Terrebonne, OR	22.90	111	P	P	05 59 06.2	-1.9
J04D	Umpqua Nationa	23.30	114	P	P	05 59 10.3	-2.0
G08A	Pilot Rock 16nm, 1.8s	23.47	106	eP	P	05 59 14.9	+1.0
J05D	Fort Rock, OR	23.70	113	P	P	05 59 14.3	-2.0
I07A	Izeze 22nm, 1.9s	24.02	109	eP	P	05 59 21.8	+2.7
BSMT	Bassoo Peak 9.3nm, 1.2s	24.07	97	eP	P	05 59 21.6	+1.8
YBH	Yreka Blue Hor 2.8nm, 0.9s, baz=0, slow=8.1, SNR=3.0	24.13	117	P	P	05 59 19.7	-0.6
JTMT	Jette	24.41	97	eP	P	05 59 25.6	+2.8
SWMT	Swartz Lake 7.8nm, 1.2s	24.71	97	eP	P	05 59 26.9	+1.5
J08A	Circle Bar Ran	25.06	109	eP	P	05 59 32.1	+3.4
MSO	Missoula	25.15	98	P	P	05 59 29.1	+0.3
M50	Missoula	25.15	98	eP	P	05 59 33.8	+4.4
MOD	Modoc 16nm, 1.9s	25.19	114	eP	P	05 59 35.9	+6.0
WVOR	Wild Horse Val 5.0nm, 0.9s	25.64	111	eP	P	05 59 36.7	+2.8
EGMT	Eagleton	26.71	92	P	P	05 59 44.4	+0.9
HLID	Halley	27.04	104	P	P	05 59 44.2	-2.4
NVAR	Mina Array Bea 1.5nm, 0.9s, baz=306, slow=9.0, SNR=7.3	28.83	116	P	P	06 00 06.2	+3.5
A25A	Svangstu Ranch 29.79 85 P	29.79	85	P	P	06 00 09.7	-1.2
R11A	Troy Canyon, C	30.24	113	P	P	06 00 13.9	-1.3
A26A	Wade Farm, Ken 30.40 84 P	30.40	84	P	P	06 00 17.2	+0.9
GRAC	Grapevine Rang 30.41 117 P	30.41	117	P	P	06 00 14.6	-1.8
J20A	Shoshoni	30.56	98	P	P	06 00 16.2	-1.7
H22A	Clearmont	30.68	94	P	P	06 00 17.7	-1.2
D25A	Fairfield	30.73	88	P	P	06 00 17.4	-1.8
J21A	Lysite	30.91	97	P	P	06 00 19.3	-1.7
TPNV	Topopah Spring	31.00	115	P	P	06 00 20.2	-1.6
FURC	Furnace Creek, 31.07 117 P	31.07	117	P	P	06 00 21.2	-1.0
E25A	Miller Ranch, 31.08 89 P	31.08	89	P	P	06 00 20.4	-2.0
B27A	Peters Farms, 31.11 84 P	31.11	84	P	P	06 00 21.0	-1.5
SBCA	Santa Barbara 31.37 123 P	31.37	123	P	P	06 00 23.5	-1.5
J22A	Midwest	31.39	96	P	P	06 00 23.5	-1.7
F25A	Bowman	31.41	90	P	P	06 00 27.7	+2.5
LRMC	Laurel Mountai 31.47 119 P	31.47	119	P	P	06 00 28.1	+2.1
B28A	Dugan Ranch, T 31.57 84 P	31.57	84	P	P	06 00 24.1	-2.5
E26A	Carlson Angus 31.61 88 P	31.61	88	P	P	06 00 25.2	-1.8
MSU	Marysval 31.85 109 eP	31.85	109	eP	P	06 00 32.3	+2.9
F26A	Lodgepole 31.88 89 P	31.88	89	P	P	06 00 29.0	-0.4
G25A	Newell 31.89 91 P	31.89	91	P	P	06 00 29.2	+0.3
A29A	Manning Farm, 31.90 82 P	31.90	82	P	P	06 00 28.8	-0.7
GSC	Goldstone 32.04 118 P	32.04	118	P	P	06 00 30.1	-0.8
B29A	Wagenman Farm, 32.10 83 P	32.10	83	P	P	06 00 30.3	-1.0
E27A	Carson 32.13 88 P	32.13	88	P	P	06 00 30.7	-0.8
H25A	Fruitdale 32.16 92 P	32.16	92	P	P	06 00 30.6	-1.3
D28A	Regan 32.20 86 P	32.20	86	P	P	06 00 30.7	-1.4
F27A	Lenmon 32.22 89 P	32.22	89	P	P	06 00 30.0	-2.4
SRU	San Rafael 32.26 106 eP	32.26	106	eP	P	06 00 36.4	+3.5
G26A	Maurine 32.27 90 P	32.27	90	P	P	06 00 31.8	-1.0
K23A	Bowen Ranch, D 32.30 96 P	32.30	96	P	P	06 00 32.0	-1.2
TUQ	Turquoise Moun 32.36 117 P	32.36	117	P	P	06 00 32.4	-1.4
I25A	Rochford 32.48 93 P	32.48	93	P	P	06 00 32.9	-2.0
BFSC	Mount Baldy Ra 32.50 120 P	32.50	120	P	P	06 00 33.5	-1.5
E28A	Huff 32.51 87 P	32.51	87	P	P	06 00 33.7	-1.2
H26A	Fairpoint 32.61 91 P	32.61	91	P	P	06 00 35.0	-0.8
B30A	Nyrvik Farm, E 32.67 82 P	32.67	82	P	P	06 00 35.1	-1.1
O20A	White River Ci 32.72 102 P	32.72	102	P	P	06 00 35.6	-1.3
F28A	McLaughlin 32.90 88 P	32.90	88	P	P	06 00 35.8	-2.5
ULM	Lac du Bonnet 32.95 78 LR	32.95	78	LR	LR	06 14 12.0	
H27A	Hoves 32.98 91 P	32.98	91	P	P	06 00 37.5	-1.5
C30A	Mose, Pekin 33.03 83 P	33.03	83	P	P	06 00 37.8	-1.5
B31A	Greenbush Farm 33.05 82 P	33.05	82	P	P	06 00 38.3	-1.2
D30A	Buchanan 33.23 84 P	33.23	84	P	P	06 00 39.3	-1.9
MURC	Murrieta 33.24 120 P	33.24	120	P	P	06 00 39.5	-1.9
J26A	Sides Ranch, S 33.30 93 P	33.30	93	P	P	06 00 38.9	-3.0
I27A	Quinn 33.36 91 P	33.36	91	P	P	06 00 40.4	-1.9
C31A	Lanham Farms, 33.38 83 P	33.38	83	P	P	06 00 40.8	-1.6
K26A	Motz Farm, Whi 33.66 94 P	33.66	94	P	P	06 00 43.7	-1.3
G29A	Hoven 33.80 88 P	33.80	88	P	P	06 00 45.1	-1.0
I28A	Midland 33.89 91 P	33.89	91	P	P	06 00 47.0	+0.1
J27A	Elkhorn Farm, 33.93 92 P	33.93	92	P	P	06 00 47.4	+0.1
E31A	Horne 34.04 85 P	34.04	85	P	P	06 00 47.9	-0.3
AGMN	Agassiz Nation 34.09 81 P	34.09	81	P	P	06 00 49.0	+0.5
AGMN	Agassiz Nation 34.09 81 eP	34.09	81	eP	P	06 00 50.3	+1.7
J28A	Allard Ranch, 34.23 92 P	34.23	92	P	P	06 00 50.1	+0.1
G30A	Faulton 34.26 88 P	34.26	88	P	P	06 00 50.0	-0.1
I29A	Vivian Onida 34.35 90 P	34.35	90	P	P	06 00 49.8	-1.0
WUAZ	Wupakti 34.56 111 P	34.56	111	P	P	06 00 51.8	-1.1
J29A	Okreek 34.74 91 P	34.74	91	P	P	06 00 52.0	-2.3
E33A	Westby DABS, E 35.10 83 P	35.10	83	P	P	06 00 55.7	-1.6
D34A	Park Rapids 35.18 82 P	35.18	82	P	P	06 00 57.5	-0.4

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J30A	Dallas	35.25	90	P	P	06 00 57.0	-1.7
F33A	5 Mile Ranch, 35.36 84 P	35.36	84	P	P	06 00 57.9	-1.7
W18A	Petrified Fore 35.70 110 P	35.70	110	P	P	06 01 04.0	+1.2
P26A	Davis Ranch, A 35.76 98 P	35.76	98	P	P	06 01 01.3	-1.9
E35A	Pequot Lakes 35.93 82 P	35.93	82	P	P	06 01 03.5	-1.0
Q26A	Hugo 36.12 99 P	36.12	99	P	P	06 01 05.5	-0.8
D36A	Goodland 36.21 80 P	36.21	80	P	P	06 01 05.1	-1.8
H34A	Spellman Lake, 36.39 85 P	36.39	85	P	P	06 01 08.6	+0.2
K32A	Verdige 36.52 90 P	36.52	90	P	P	06 01 09.4	-0.2
ECSD	EROS Data Cent 36.54 87 P	36.54	87	P	P	06 01 09.1	-0.7
ECSD	EROS Data Cent 36.54 87 eP	36.54	87	eP	P	06 01 11.1	+1.3
EYMN	Ely 36.63 78 P	36.63	78	P	P	06 01 09.9	-0.6
P29A	Atwood 37.03 96 P	37.03	96	P	P	06 01 12.2	-1.8
K33A	Hardington 37.09 89 P	37.09	89	P	P	06 01 14.4	0.0
S26A	Kim 37.10 101 P	37.10	101	P	P	06 01 13.5	-1.2
L33A	Hoskins 37.24 90 P	37.24	90	P	P	06 01 14.5	-1.2
BGNE	Belgrade 37.28 91 P	37.28	91	P	P	06 01 16.7	+0.6
BGNE	Belgrade 37.28 91 eP	37.28	91	eP	P	06 01 18.8	+2.7
K34A	Le Mars 37.52 88 P	37.52	88	P	P	06 01 18.0	-0.1
SPMN	St. Paul 37.64 82 P	37.64	82	P	P	06 01 19.5	+0.5
SPMN	St. Paul 37.64 82 eP	37.64	82	eP	P	06 01 21.1	+2.1
N32A	Stuven Farm, 37.64 92 P	37.64	92	P	P	06 01 18.6	-0.5
M33A	Taylor Creek F 37.68 90 P	37.68	90	P	P	06 01 19.0	-0.5
L34A	Svendsen Farm, 37.86 89 P	37.86	89	P	P	06 01 19.4	-1.6
Q30A	Quinter 37.86 96 P	37.86	96	P	P	06 01 19.4	-1.7
S28A	Manter 37.96 99 P	37.96	99	P	P	06 01 22.9	+1.0
O32A	Brockman Farm, 38.01 93 P	38.01	93	P	P	06 01 23.2	+1.0
N33A	J Bar K, Exete 38.12 92 P	38.12	92	P	P	06 01 21.4	-1.7
T28A	Walsh 38.19 100 P	38.19	100	P	P	06 01 23.9	0.0
P32A	Huittig Farm, 38.28 94 P	38.28	94	P	P	06 01 25.5	+1.0
R30A	Dighton 38.33 97 P	38.33	97	P	P	06 01 26.0	+1.0
U27A	Thompson Grove 38.33 101 P	38.33	101	P	P	06 01 25.8	+0.7
O33A	Hebron 38.51 93 P	38.51	93	P	P	06 01 26.8	+0.4
M35A	Neola 38.58 89 P	38.58	89	P	P	06 01 27.9	+0.9
R31A	Burdett 38.73 96 P	38.73	96	P	P	06 01 27.3	-1.1
121A	Cookes Peak, D 38.74 110 P	38.74	110	P	P	06 01 29.3	+0.7
Q32A	Meitler Ranch, 38.75 95 P	38.75	95	P	P	06 01 27.0	-1.5
P33A	Williams Farm, 38.91 93 P	38.91	93	P	P	06 01 28.3	-1.5
O34A	Beatrice 38.92 92 P	38.92	92	P	P	06 01 30.8	+0.9
N35A	Tabor 39.02 90 P	39.02	90	P	P	06 01 29.2	-1.5
R32A	Long Quarter, 39.08 95 P	39.08	95	P	P	06 01 29.3	-1.9
Q33A	Connelly Farm, 39.14 94 P	39.14	94	P	P	06 01 32.4	+0.6
S31A	Mutville 39.24 97 P	39.24	97	P	P	06 01 33.2	+0.6
P34A	Walnut Farm, R 39.30 92 P	39.30	92	P	P	06 01 33.4	+0.4
T31A	Randall Ranch, 39.52 98 P	39.52	98	P	P	06 01 33.0	-1.9
R33A	Olander Ranch, 39.56 95 P	39.56	95	P	P	06 01 34.1	-1.1
Q34A	Chapman 39.68 93 P	39.68	93	P	P	06 01 34.7	-1.5
KSU1	Kansas State U 39.73 93 P	39.73	93	P	P	06 01 36.9	+0.3
KSU1	Kansas State U 39.73 93 eP	39.73	93	eP	P	06 01 38.2	+1.5
P35A	Duane Minner, 39.75 92 P	39.75	92	P	P	06 01 37.4	+0.6
R34A	Isabella, Hill 39.96 94 P	39.96	94				

WRA Warrungama Arr 98.18 246 LR 06 48 22.9

AUST 07 05:54:52.2 S, 146S, 156.75E, h0km
ISCJB 07 05:54:52.2 S, 146S, 156.75E, h100km, mb4.0/8,
Error ellipse: s-maj=15.8km s-min=14.9km az=17.2

ISC 07 05:55:19.0, 107.005N, 155.75E, h100km, n28,
a151/19, mb4.0/8, Bougainville - Solomon Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists various stations like Port Moresby, Charters Tower, etc.

ISC 07 06:00:08.7, 1.5, 6.48S, 106.77E, h0km, mb3.8/6,
mb1.4/0.6, mb1mx3.7/25, mbtmp3.8/6, MS3.3/3, Ms1.3/3/3,
ms1mx2.7/31, Error ellipse: s-maj=66.8km s-min=23.3km
az=27.0

ISCJB 07 06:00:10.8, 0.4, 6.79S, 106.68E, h100km,
mb3.7/6, MS3.0/2, Error ellipse: s-maj=6.1km s-min=4.2km
az=28.5

DJA 07 06:00:11.9, 0.2, 7.3S, 110.7E, h100km, M3.8/9, MLV3.8/9
ISC 07 06:00:11.5, 0.7, 6.83S, 106.65E, h100km, n33,
a151/23, mb3.8/6, Jawa

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists stations like SKJI, CBJI, etc.

ISC 07 06:12:22.8, 1.2, 27.09N, 44.28W, h0km, mb3.6/6,
mb1.3/9.6, mb1mx3.6/27, mbtmp3.6/6, MS3.1/4, Ms1.3/1.4,
ms1mx2.8/28, Error ellipse: s-maj=34.5km
s-min=28.1km az=153.0, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists stations like SJG, DBIC, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists stations like H10S3, H10S2, etc.

ISK 07 06:18:32.5, 37.33N, 28.23E, h5km, MD2.8
ISCJB 07 06:18:34.1, 0.5, 37.25N, 0.03, 28.20E, 0.04, h0km, Error
ellipse: s-maj=4.5km s-min=4.0km az=147.8

CSEM 07 06:18:34.3, 0.3, 37.23N, 28.19E, h1km, MD2.8, Error
ellipse: s-maj=6.4km s-min=4.9km az=38.0, Mining
explosion.

DDA 07 06:18:34.5, 37.25N, 28.19E, h16km, MD2.8
ISC 07 06:18:34.1, 0.8, 37.29N, 0.02, 28.22E, 0.03, h0km, n26,
a151/42, Turkey

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists stations like YER, YERKESIK, etc.

ISC 07 06:22:28.1, 1.3, 27.41N, 43.96W, h0km, mb3.3/3,
mb1.3/6/3, mb1mx3.3/33, mbtmp3.3/3, Error ellipse:
s-maj=37.2km s-min=35.7km az=30.0, Northern
Mid-Atlantic Ridge

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists stations like TOR, H10N2, etc.

ISCJB 07 06:30:26.4, 0.8, 23.09S, 0.07, 68.9W, 0.1, h104km, 15km,
mb3.7/2, Error ellipse: s-maj=20.7km s-min=10.9km
az=13.1

GUC 07 06:30:28.2, 0.5, 23.01S, 69.02W, h98km, 4km, ML3.9
ISC 07 06:30:31.6, 0.8, 22.84S, 68.49W, h15km, 37km, mb3.6/2,
mb1.3/5.4, mb1mx3.3/17, mbtmp3.9/4, Error ellipse:
s-maj=17.4km s-min=34.8km az=52.0

ISC 07 06:30:26.7, 1.0, 23.16S, 69.07W, 0.1, h100km, 15km,
n16, a135/16, 3C, Northern Chile

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists stations like PB06, PB07, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists stations like H08S3, H08S2, etc.

CSEM 07 06:34:40.0, 12.11N, 44.23E, h12km, ML4.0
DHMR 07 06:34:40.0, 2.0, 12.11N, 44.23E, h13km, 19km, ML4.0,
4C-3D, Western Arabian Peninsula

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists stations like ADEN, UDYN, etc.

DDA 07 06:35:30.2, 37.02N, 27.56E, h19km, MD2.4
ISK 07 06:35:30.4, 37.03N, 27.62E, h21km, MD2.6
ISCJB 07 06:35:31.0, 0.9, 37.06N, 0.06, 27.64E, 0.04, h0km, Error
ellipse: s-maj=8.5km s-min=4.1km az=161.8

CSEM 07 06:35:31.9, 0.3, 37.05N, 27.62E, h2km, MD2.6, Error
ellipse: s-maj=7.5km s-min=4.2km az=159.0, Mining
explosion.

ISC 07 06:35:30.9, 1.1, 37.05N, 0.06, 27.69E, 0.04, h0km, n11,
a057/20, Turkey

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists stations like BDRM, KHAL, etc.

ISC 07 06:36:12.4, 1.7, 40.34S, 176.68E, h0km, mb4.3/3,
mb1.4/3.5, mb1mx4.0/16, mbtmp4.2/5, ML3.4/2, MS2.1/1,
Ms1.2/1.1, ms1mx2.0/21, Error ellipse: s-maj=40.9km
s-min=23.9km az=125.0

ISCJB 07 06:36:13.7, 0.5, 40.49S, 0.03, 176.90E, 0.05, h28km, 3km,
mb4.1/3, Error ellipse: s-maj=7.0km s-min=2.9km az=34.7
WEL 07 06:36:14.1, 0.1, 40.47S, 176.83E, h12km, ML4.2/49, Error
ellipse: s-maj=1.2km s-min=0.6km az=90.0

WEL Felt from Hawke's Bay to Wellington, maximum reported
intensity MM 5.

NEIC 07 06:36:14.1, 0.1, 40.48S, 176.87E, h12km, ML4.3(WEL), After
WEL.

NEIC Felt [IV] at Waipukurau.
ISC 07 06:36:13.3, 1.4, 40.45S, 0.03, 176.83E, 0.04, h13km, 9km,
n179, a0974/182, mb4.0/3, 20C, 9D, North Island

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Lists stations like PRHZ, ANWZ, etc.

Table with columns: ARHZ, Aropoanui, 1.19 6 P*, Pg, 06 36 36.3 +0.1, etc. Lists various stations and their coordinates.

Table with columns: URZ, Uru, AML, 06 37 36.7, etc. Lists stations like Uru, Uru, Uru, etc.

Table with columns: QRZ, Quarte Range, 2.83 13 Pn, etc. Lists stations like Quarte Range, Tuapeka, etc.

CSEM 07 06:45:57.8, 12°11'N:44°25'E, h6km, ML4.0

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

NIED 07 07:19:20.40:50N:143.40E, h8km, Mw3.6 Best double

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

NEIC 07 06:40:05.5, 43°58'S:171°73E, h6km, ML3.8(WEL), After WEL

NEIC Felt in Canterbury. WEL 07 06:40:06.0±0.1, 43°55'S:171°72E, h13km±1km, ML3.8/2.0,

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

BUII 07 07:22:07.4, 7°6'S:103°13'E, h34km, mb4.7/32, mB4.9/24,

DJA 07 07:22:07.0±0.6, 7°5'S:103°3'E, h10km, M4.8/13, mb5.1/6, mB5.4/2, MLV4.6/13, Mw(MB)4.9/2,

IDC 07 07:22:08.4±0.6, 6°8'S:103°48'E, h0km, mb4.3/16, mb1.4/3/18, mb1mx4.1/49, mbmp4.3/18, ML3.4/2, MS3.4/7,

NEIC 07 07:22:09.9±4.5, 6°9'S:103°36'E, h11km±27km, mb4.9/10, Error ellipse: s-maj=15.7km s-min=6.0km az=54.0,

ISCJB 07 07:22:09.1±0.4, 7°09'S:105°103'33E±0.04, h20km, mb4.5/32, MS3.5/7, Error ellipse: s-maj=7.9km

MOS 07 07:22:12.1±1.0, 6°80'S:103°64'E, h35km, mb4.7/16, Error ellipse: s-maj=17.2km s-min=8.6km az=117.3

ISC 07 07:22:11.9±0.4, 7°17'S:103°29'E±0.07, h20km, n143, c194/138, mb4.5/32, MS3.7/5C, Southwest of Sumatara

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

7d 7h

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Table with columns: SOEI, Soe, 20.91, 99, P, Pn, 07 26 59.0 +3.0, etc. Lists various satellite stations and their parameters.

Table with columns: SONGIO, Songio Array, 54.85, 3 eP, P, 07 31 39.9 -1.2, etc. Lists satellite stations and their parameters.

Table with columns: PPT, Papeete, 79.15, 107, LR, LR, 08 12 33.1, etc. Lists satellite stations and their parameters.

IDC 07:07:24:08:3:1.4,3:17S:130:81E, h0km, mb4.0/3, mb1.3/9.5, mb1mx3.6/42, mbtmp3.8/18, ML4.1/4, MS3.2/5, MS1.3/2.5, ms1mx2.7/36, Error ellipse: s-maj=62.2km s-min=21.1km az=86.0, Seram

CSEM 07:07:38:40.1, 12:08N-44:14E, h5km, ML4.0, DHMR 07:07:38:40.1:0.9, 12:08N-44:14E, h5km, 7km, ML4.0

JYJM2	Yakumo 2	8.80 250	P	Pn	11 32 57.4	+0.2
JANG	Nango	9.05 237	P	Pn	11 32 58.5	-2.2
JANG			eS	Pn	11 34 32.8	-8.6
JSR	Shirubuchi	9.06 246	P	Pn	11 33 09.9	+0.2
JSR			eS	Pn	11 34 36.3	-5.2
JTM	Tanabayahashi	9.07 241	P	Pn	11 32 59.6	-1.2
JTM			eS	Pn	11 34 34.5	-7.2
JTH	Tenohata	9.14 234	P	Pn	11 32 59.3	-2.5
JTH			eS	Pn	11 34 33.9	-1.0
JOSM	Okushiri-Mats	9.41 251	P	Pn	11 33 05.6	+0.1
OKH	Okhata	9.58 328	AMS	AMS	11 32 56.4	
OFUJ	Ofunato	9.84 231	P	Pn	11 33 09.1	-2.4
OFUJ			eS	Pn	11 34 50.4	-1.0
JRFG	Rokugo	10.21 235	P	Pn	11 33 14.8	-1.6
NKL	Nikolayevsk	10.21 320	ePn	Pn	11 33 20.0	+3.6
NKL			pmax	pmax		
NKL	comp=N,2um,17.0s		MLR	MLR		
NKL	comp=Z,4um,17.0s		MLR	MLR		
NKL	comp=E,1um,20.0s		MLR	MLR		
NKL	Nikolayevsk	10.21 320	eP	Pn	11 33 20.0	+3.6
NKL			AMB	AMB	11 33 28.0	
NKL	comp=E,60nm,1.0s		AMS	AMS	11 37 54.0	
NKL	comp=E,2um,17.0s		AMS	AMS	11 37 54.0	
NKL	comp=E,4um,17.0s		AMS	AMS	11 37 54.0	
NKL	comp=E,1um,20.0s		AMS	AMS	11 37 54.0	
JIO	Ouri	10.47 229	P	Pn	11 33 17.3	-2.7
JIO			eS	Pn	11 35 05.1	-1.1
TEY	Ternei	10.49 271	eP	Pn	11 33 23.8	+3.5
TEY			AMB	AMB	11 33 26.8	
TEY	comp=E,50nm,0.9s		AMB	AMB	11 33 26.8	
GRNR	Gornyy	11.22 302	eP	Pn	11 33 34.9	+4.6
GRNR			AMB	AMB	11 33 35.9	
JYA	Atsumi	11.28 235	P	Pn	11 33 29.3	-1.8
HABR	Khabarovsk	11.53 290	ePn	Pn	11 35 29.0	+1.2
HABR			eSS	Pn	11 35 53.6	+1.2
HABR	comp=Z,25nm,2.0s		pmax	pmax		
HABR	comp=E,2um,15.0s		MLR	MLR		
JFK	Kawauchi	11.53 227	eS	Pn	11 35 31.6	-1.1
JFY	Yanaizu	12.12 231	P	Pn	11 33 40.9	-1.8
MJAR	Matsushiro Arr	13.57 232	P	Pn	11 33 59.9	-2.5
MJAR	comp=Z,1.0nm,0.3s,baz=29,slow=14,SNR=18.1		S	Pn	11 36 32.8	+0.8
MJAR	comp=Z,0.4nm,0.3s,baz=38,slow=40,SNR=31.7		S	Pn	11 39 43.3	
MJAR	comp=Z,588nm,22.0s,baz=45,slow=39		LR	LR	11 39 43.3	
MAJO	Matsushiro	13.57 232	iP	Pn	11 34 00.2	-2.2
MAJO	Matsushiro	13.57 232	ePn	Pn	11 34 00.3	-2.1
MAJO			eSn	Pn	11 36 34.2	+2.2
MAT	Matsushiro	13.57 232	P	Pn	11 34 00.1	-2.3
MAT			S	Pn	11 36 33.5	+1.5
KLR	Kul'dur	13.79 292	eP	Pn	11 34 05.0	-0.3
KLR			pmax	pmax		
KLR	comp=E,140nm,1.6s		pmax	pmax		
KLR	comp=Z,140nm,1.6s		MLR	MLR		
KLR	comp=Z,2um,14.5s		MLR	MLR		
KLR	Kul'dur	13.79 292	eP	Pn	11 34 05.0	-0.3
KLR			AMB	AMB	11 34 08.8	
KLR	comp=Z,140nm,2.0s		AMS	AMS	11 40 15.0	
MA2	Magadan	13.86 358	eP	Pn	11 34 07.8	+1.5
MA2	Magadan	13.86 358	eP	Pn	11 34 07.8	+1.5
USRK	Ussuriysk Ar.	13.89 271	P	Pn	11 34 08.3	+1.6
USRK	comp=Z,2.2nm,0.3s,baz=82,slow=13,SNR=26		LR	LR	11 39 31.0	
USRK	comp=Z,2um,18.9s,baz=69,slow=37		LR	LR	11 34 11.5	+2.0
EKM	Ekimchan	14.09 308	eP	Pn	11 34 23.3	
EKM			AMB	AMB	11 34 23.3	
VLA	Vladivostok	14.25 266	iP	Pn	11 34 14.6	+3.0
VLA			eP	Pn	11 36 52.4	+4.1
VLA	comp=Z,29nm,0.8s		pmax	pmax		
MSHR	Mys Shul'tsa	14.92 265	eP	Pn	11 34 22.7	+1.9
MDJ	Mudanjiang	15.48 274	P	Pn	11 34 30.0	+2.0
MDJ	comp=Z,92nm,1.3s		PMZ	PMZ		
MDJ	comp=Z,200nm,7.3s		LN	LN		
MDJ	comp=Z,610nm,16.1s		LE	LE		
MDJ	comp=Z,1um,21.0s		LE	LE		
MDJ	comp=Z,2um,19.8s		LE	LE		
MDJ	Mudanjiang	15.48 274	ePn	Pn	11 34 29.3	+1.3
MDJ	comp=Z,109nm,1.0s		P	Pn	11 34 29.2	+0.9
JHJ	Hachio jima 2	15.49 220	P	Pn	11 37 06.4	-1.2
JHJ	comp=Z,3.5nm,0.3s,baz=246,slow=20,SNR=4.2		S	Pn	11 37 06.4	-1.2
JHJ	comp=Z,20nm,0.3s,baz=80,slow=23,SNR=6.6		S	Pn	11 34 45.7	-1.3
YASR	Yasnyy	16.97 305	eP	Pn	11 34 49.9	
YASR			AMB	AMB	11 34 49.9	
SEY	Seymchan	17.23 1	P	Pn	11 34 49.6	-0.5
SEY	Seymchan	17.23 1	eP	Pn	11 34 50.4	+0.2
SEY	Seymchan	17.23 1	eP	Pn	11 34 50.4	+0.2
ZEA	Zeya	17.52 306	eP	Pn	11 34 54.4	-0.3
ZEA			AMB	AMB	11 34 58.8	
ZEA	comp=Z,60nm,1.0s		AMB	AMB	11 34 58.8	
ZEA	comp=Z,90nm,1.0s		AMB	AMB	11 35 08.0	
ZEA	comp=Z,2um,19.8s		AMB	AMB	11 35 08.0	
KROS	Kirovskiy	17.90 308	eP	Pn	11 34 58.0	-0.5
KROS			AMB	AMB	11 35 04.4	
KROS	comp=Z,30nm,1.0s		AMB	AMB	11 35 04.4	
CNC	Changchun	18.56 273	iP	P	11 35 05.4	-0.9
CN2			eP	P	11 35 13.4	-1.6
CN2			eS	Pn	11 38 26.3	-6.8
CN2			PMZ	PMZ		
CN2	comp=Z,50nm,0.6s		LN	LN		
CN2	comp=Z,300nm,16.0s		LE	LE		
CN2	comp=Z,1um,16.0s		LZ	LZ		
CN2	comp=Z,1um,18.0s		LZ	LZ		
KSKC	Sokcho	18.58 255	P	Pn	11 35 07.9	+1.0
KSDGV	Daegwallycong	18.79 253	P	Pn	11 35 10.5	+0.9
KSIJA	INJE	19.01 254	P	Pn	11 35 12.7	+0.6
KSCHC	Chuncheon	19.32 254	P	Pn	11 35 16.6	+0.8
KSRS	Korea Array	19.42 253	P	Pn	11 35 16.3	+0.7
KSRS	comp=Z,1.1nm,0.3s,baz=58,slow=12,SNR=31		LR	LR	11 42 03.2	
KSRS	comp=Z,574nm,21.0s,baz=62,slow=34		P	P	11 35 16.3	+0.7
KSRS	Korea Array	19.42 253	P	Pn	11 35 16.3	+0.7
KSRS	comp=Z,1.0nm,0.3s		MLR	MLR		
KSRS	comp=Z,575nm,21.0s		P	P	11 35 16.3	+0.3
KSAR	Wonju Array Be	19.45 253	P	P	11 35 16.3	+0.3
YNCB	YONCHEON	19.79 256	P	Pn	11 35 20.6	-0.7
CLNS	Chul'man	19.86 314	eP	Pn	11 35 22.4	+0.3
CLNS			eS	Pn	11 39 03.2	+1.2
CLNS	comp=Z,59nm,0.9s		pmax	pmax		
CLNS	comp=E,29nm,0.9s		pmax	pmax		
CLNS	comp=N,25nm,0.7s		pmax	pmax		

CLNS	comp=N,12nm,0.8s		smax	smax		
CLNS	comp=E,9.0nm,0.9s		smax	smax		
CLNS	comp=Z,620nm,15.0s		MLR	MLR		
CLNS	comp=E,1um,16.0s		MLR	MLR		
CLNS	comp=N,726nm,14.0s		MLR	MLR		
KSMUS	Musan	19.98 256	P	Pn	11 35 24.1	+0.5
CBJ	Chichi jima	20.03 205	P	Pn	11 35 25.3	+1.0
JCJ	Chichijima	20.03 205	P	Pn	11 35 25.3	+1.0
KSCPR	CHUPUNGYEONQO	20.00 250	P	Pn	11 35 26.3	+1.5
KSCPR	SNR=8.1		P	Pn	11 35 27.0	+0.7
KSCEA	Cheonan	20.21 252	P	Pn	11 35 27.0	+0.7
JNU	Nakatsue	20.23 239	P	Pn	11 35 25.8	-0.9
JNU	Nakatsue	20.23 239	P	Pn	11 35 25.8	-0.9
JNU	comp=N,54nm,1.0s,baz=78,slow=5.6,SNR=7.7		Pn	Pn	11 35 25.8	-0.9
JNU	comp=N,54nm,1.0s,baz=78,slow=5.6,SNR=7.7		ePn	Pn	11 35 25.8	-0.9
KSGAH	Ganghwa	20.28 256	P	Pn	11 35 26.6	-0.6
KSGAH	SNR=12		P	Pn	11 35 26.6	-0.6
TJN	Taeyon	20.39 251	eP	Pn	11 35 27.3	+1.1
SNY	Shenyang	20.48 269	iP	P	11 35 28.0	+0.9
SNY	comp=N,45nm,1.5s		PMZ	PMZ		
SNY	comp=N,290nm,3.5s		PMZ	PMZ		
SNY	comp=N,460nm,20.4s		LN	LN		
SNY	comp=N,1um,16.0s		LE	LE		
SNY	comp=N,1um,17.5s		LZ	LZ		
YAK	Yakutsk	20.60 330	P	P	11 35 29.0	+0.8
YAK	Yakutsk	20.60 330	eP	Pn	11 35 29.0	+0.8
YAK	comp=N,15nm,0.6s,baz=32,slow=20,SNR=4.5		S	P	11 35 29.0	+0.8
YAK	Yakutsk	20.60 330	eS	Pn	11 35 29.0	+0.8
YAK	Yakutsk	20.60 330	eSS	Pn	11 39 13.7	-2.8
YAK	comp=Z,188nm,0.9s		pmax	pmax	11 40 01.3	+3.1
YAK	comp=E,73nm,1.2s		pmax	pmax		
YAK	comp=N,96nm,1.3s		pmax	pmax		
YAK	comp=N,255nm,2.8s		smax	smax		
YAK	comp=E,156nm,2.4s		smax	smax		
YAK	Yakutsk	20.60 330	eP	P	11 35 28.7	+0.5
YAK	Yakutsk	20.60 330	ePn	P	11 35 29.0	+0.8
KSJEO	Jesju	20.69 250	P	Pn	11 35 33.2	+1.2
KSJEO	SNR=7.7		P	Pn	11 35 37.5	+1.2
KSBAR	Backryungdo	21.33 258	P	P	11 35 40.0	+3.5
KSBAR	SNR=21		P	P	11 35 39.3	-0.4
HIA	Hailar	21.64 291	eP	Pn	11 35 39.3	-0.4
HIA	Hailar	21.64 291	eP	Pn	11 35 39.3	-0.4
HIA	comp=Z,24nm,1.0s		pmax	pmax		
BILL	Bilibino	23.64 141	eP	Pn	11 36 00.8	+0.7
BILL			e	Pn	11 36 29.5	
BILL	comp=Z,7.0nm,0.5s		pmax	pmax		
BILL	comp=Z,909nm,17.0s		MLR	MLR		
BILL	Bilibino	23.64 14	eP	P	11 36 00.8	+0.7
BOD	Bodaibo	25.79 312	eP	P	11 36 17.5	-2.4
BOD			pmax	pmax		
BOD	comp=Z,6.0nm,0.9s		PMZ	PMZ		
BJI	Beijing	26.34 270	P	P	11 36 27.2	+2.1
BJI	comp=Z,88nm,0.8s		PMZ	PMZ		
BJI	comp=Z,260nm,5.0s		LN	LN		
BJI	comp=Z,660nm,17.4s		LE	LE		
BJT	Baijiatuu	26.36 270	eP	P	11 36 26.7	+1.4
BJT			pmax	pmax		
BJT	comp=Z,54nm,0.8s		P	P	11 36 26.7	+1.4
BJT	Baijiatuu	26.36 270	eP	P	11 36 26.7	+1.4
BJT	comp=Z,54nm,0.8s		P	P	11 36 26.7	+1.4
JOW	Kunigami	26.41 232	P	P	11 36 26.3	+0.4
JOW	comp=Z,3.2nm,1.0s,baz=36,slow=13,SNR=5.7		P	P	11 36 34.9	-0.2
TIA	Tai'an	27.45 262	iP	P	11 36 34.9	-0.2
TIA			PMZ	PMZ		
SSE	Sheshan	27.68 249	P	P	11 36 35.3	-1.9
SSE			S	S	11 41 15.2	-1.9
SSE			S	S	11 41 32.6	-0.2
SSE	comp=Z,43nm,0.7s		PMZ	PMZ		
SSE	comp=Z,170nm,3.8s		PMZ	PMZ		
SSE	comp=Z,480nm,22.2s		LN	LN		
SSE	comp=Z,500nm,17.4s		LZ	LZ		
NJ2	Nanjing	28.62 253	eP	P	11 36 46.0	+0.4
NJ2			pP	P	11 36 54.1	-1.0
NJ2			sP	P	11 36 57.8	-1.3
NJ2			S	S	11 41 35.5	+3.7
NJ2			sS	S	11 41 47.0	-0.6
NJ2	comp=Z,50nm,1.2s		PMZ	PMZ		
NJ2	comp=Z,310nm,7.4s		LN	LN		
NJ2	comp=Z,1um,18.1s		LN	LN		
NJ2	comp=Z,1um,23.3s		LE	LE		
NJ2	comp=Z,2um,23.4s		LE	LE		
H11N2	WAKE ISLAND Hy	28.89 149	T	T	12	

K22A LDLC	Landfair	68.02 62	eP	pP	11 42 00.1 +1.6	ASHO	Ashiyah	76.34 291	fl/P	P	11 42 38.3 +0.1	UBBA	Unterbreizbach	78.21 336	eP	P	11 42 47.9 -0.2
	comp=Z,19nm,1.1s				11 41 48.8 +0.3	TRPA	Tarpa	76.40 328	fl/P	P	11 42 38.3 +0.2	ZST	Bratislava	78.30 331	eP	P	11 42 48.9 +0.2
LDFO	Lac du Bonnet	68.02 40	eP	pP	11 41 58.1 -0.6	OKC	Ostrava-Krasne	76.54 331	eP	P	11 42 38.5 -0.3	BRT	Bratislava	78.30 331	eP	P	11 42 48.9 +0.2
ULM	comp=Z,59nm,21.1s,baz=15,slow=36		LR		12 12 03.6	OKC	comp=Z,200nm,19.9s			11 42 47.9	OKC	Keskin Array B	78.34 316	eP	P	11 42 49.2 -0.1	
SRU	San Rafael	68.11 56	eP	P	11 41 49.0 -0.1	OKC	Ostrava-Krasne	76.54 331	eP	P	11 42 38.5 -0.3	BRTR	comp=Z,19nm,0.9s,baz=68,slow=4.5,SNR=51		LR	12 22 43.5	
SRU	comp=Z,12nm,1.0s					OKC	comp=Z,200nm,19.9s			11 42 38.5 -0.3	MANZ	Manzenberg	78.34 335	eP	P	11 42 48.9 -0.1	
SRU	San Rafael	68.11 56	eP	P	11 41 49.0 -0.1	OKC	comp=Z,200nm,19.9s			11 42 43.5	BUG	Bochum-Universität	78.39 338	eP	P	11 42 49.0 -0.2	
BELC	Belle Mtn. Jos	68.17 63	P	P	11 41 48.6 -0.9	OKC	comp=Z,200nm,19.9s			11 42 47.9 -1.3	ROTZ	Rotzenmühle	78.50 334	eP	P	11 42 50.2 +0.3	
G26A	Maurine	68.28 47	P	P	11 41 49.6 -0.3	CFR	Carcaiu	76.56 323	fl/P	P	11 42 39.0 -0.1	GZR	Gura Zlata	78.58 326	fl/P	P	11 42 51.0 -0.4
RSSD	Black Hills	68.34 49	eP	P	11 41 52.6 +2.2	LAQ	Al Faqa, Dubai	76.60 292	fl/P	P	11 42 39.3 +0.6	ANTO	Ankara	78.64 316	fl/P	P	11 42 50.5 +0.6
RSSD	comp=Z,59nm,2.5s					LAQ	Liptovska Anna	76.66 330	eP	P	11 42 40.3 +0.6	ANTO	Ankara	78.64 316	fl/P	P	11 42 51.1 +0.2
RSSD	comp=Z,59nm,2.5s					LAQ	Liptovska Anna	76.66 330	eP	P	11 42 48.8	ANTO	Ankara	78.64 316	fl/P	P	11 42 51.5 +0.6
RSSD	comp=Z,59nm,2.5s					UPC	Ujice	76.67 333	eP	P	11 42 39.2 -0.4	KHC	Kasperske Hory	78.64 333	eP	P	11 42 50.7 0.0
URV	Uravakonda	68.47 270	eP	P	11 41 48.8 -2.6	UPC	comp=Z,400nm,18.0s			11 42 39.2 -0.4	KHC	comp=Z,122nm,0.8s		pmax			
IRM	Iron Mountain	68.60 63	P	P	11 41 52.5 +0.5	UPC	Ujice	76.67 333	eP	P	11 42 48.8 -1.2	KHC	Kasperske Hory	78.64 333	eP	P	11 42 50.7 0.0
O20A	White River Ci	68.74 54	eP	P	11 41 55.0 +2.0	DPC	Dobruska-Polom	76.70 332	eP	P	11 42 39.6 -0.3	KHC	comp=Z,12nm,0.8s		x	11 42 50.7 0.0	
NB2A	NORSAR Subarra	68.81 341	P	P	11 41 51.4 -1.4	DPC	comp=Z,400nm,18.0s			11 42 48.8 -1.2	KHC	Kasperske Hory	78.64 333	eP	x	11 42 50.7 0.0	
NB2A	comp=Z,3.6nm,0.8s					DPC	Dobruska-Polom	76.70 332	eP	P	11 42 39.6 -0.3	KHC	comp=Z,12nm,0.8s		eP	11 42 50.7 0.0	
NB2A	NORSAR Subarra	68.81 341	P	P	11 41 51.4 -1.4	DPC	comp=Z,300nm,13.4s			11 42 48.9	KHC	comp=Z,12nm,0.8s		eP	11 42 50.7 0.0		
NB2A	comp=Z,15nm,0.8s,baz=28,slow=6.5					DPC	Dobruska-Polom	76.70 332	eP	P	11 42 39.6 -0.3	KHC	comp=Z,12nm,0.8s		eP	11 42 50.7 0.0	
NB2A	NORSAR Subarra	68.81 341	P	P	11 41 51.4 -1.4	DPC	comp=Z,300nm,13.4s			11 42 48.9	KHC	comp=Z,12nm,0.8s		eP	11 42 50.7 0.0		
NB2A	comp=Z,28,slow=6.5					DPC	Dobruska-Polom	76.70 332	eP	P	11 42 39.6 -0.3	KHC	comp=Z,12nm,0.8s		eP	11 42 50.7 0.0	
NOA	NORSAR Array B	68.81 341	P	P	11 41 51.5 -1.3	DPC	comp=Z,300nm,13.4s			11 42 48.9	KHC	comp=Z,12nm,0.8s		eP	11 42 50.7 0.0		
NOA	comp=Z,7.8nm,0.6s,baz=29,slow=6.2,SNR=28					DPC	Dobruska-Polom	76.70 332	eP	P	11 42 39.6 -0.3	KHC	comp=Z,12nm,0.8s		eP	11 42 50.7 0.0	
NOA	comp=Z,7.8nm,0.6s,baz=29,slow=6.2,SNR=28					DPC	comp=Z,300nm,13.4s			11 42 48.9	KHC	comp=Z,12nm,0.8s		eP	11 42 50.7 0.0		
SWAC	Sam W. Steward	69.00 64	P	P	11 41 54.6 +0.2	DPC	comp=Z,300nm,13.4s			11 42 48.9	KHC	comp=Z,12nm,0.8s		eP	11 42 50.7 0.0		
SWAC	comp=Z,15nm,1.1s					DPC	comp=Z,300nm,13.4s			11 42 48.9	KHC	comp=Z,12nm,0.8s		eP	11 42 50.7 0.0		
SWAC	baz=69					DPC	comp=Z,300nm,13.4s			11 42 48.9	KHC	comp=Z,12nm,0.8s		eP	11 42 50.7 0.0		
B32A	Ashes, Strandq	69.05 41	P	P	11 41 53.3 -1.2	DPC	comp=Z,300nm,13.4s			11 42 48.9	KHC	comp=Z,12nm,0.8s		eP	11 42 50.7 0.0		
B32A	comp=Z,11nm,1.1s					DPC	comp=Z,300nm,13.4s			11 42 48.9	KHC	comp=Z,12nm,0.8s		eP	11 42 50.7 0.0		
PV01	Paradox Valley	69.90 56	eP	P	11 42 01.7 +1.5	DPC	comp=Z,300nm,13.4s			11 42 48.9	KHC	comp=Z,12nm,0.8s		eP	11 42 50.7 0.0		
PV01	comp=Z,303nm,0.9s					DPC	comp=Z,300nm,13.4s			11 42 48.9	KHC	comp=Z,12nm,0.8s		eP	11 42 50.7 0.0		
I28A	Midland	69.91 47	P	P	11 41 59.9 0.0	DPC	comp=Z,300nm,13.4s			11 42 48.9	KHC	comp=Z,12nm,0.8s		eP	11 42 50.7 0.0		
I28A	comp=Z,70					DPC	comp=Z,300nm,13.4s			11 42 48.9	KHC	comp=Z,12nm,0.8s		eP	11 42 50.7 0.0		
WUJAZ	Wupaki	70.01 59	eP	P	11 42 01.7 +0.9	DPC	comp=Z,300nm,13.4s			11 42 48.9	KHC	comp=Z,12nm,0.8s		eP	11 42 50.7 0.0		
WUJAZ	comp=Z,5.0nm,1.1s					DPC	comp=Z,300nm,13.4s			11 42 48.9	KHC	comp=Z,12nm,0.8s		eP	11 42 50.7 0.0		
SMCO	Snowmass	70.11 54	eP	pP	11 42 02.8 +1.1	DPC	comp=Z,300nm,13.4s			11 42 48.9	KHC	comp=Z,12nm,0.8s		eP	11 42 50.7 0.0		
SMCO	comp=Z,4.7nm,0.9s					DPC	comp=Z,300nm,13.4s			11 42 48.9	KHC	comp=Z,12nm,0.8s		eP	11 42 50.7 0.0		
SMCO	comp=Z,4.7nm,0.9s					DPC	comp=Z,300nm,13.4s			11 42 48.9	KHC	comp=Z,12nm,0.8s		eP	11 42 50.7 0.0		
SMCO	comp=Z,4.7nm,0.9s					DPC	comp=Z,300nm,13.4s			11 42 48.9	KHC	comp=Z,12nm,0.8s		eP	11 42 50.7 0.0		
SMCO	comp=Z,4.7nm,0.9s					DPC	comp=Z,300nm,13.4s			11 42 48.9	KHC	comp=Z,12nm,0.8s		eP	11 42 50.7 0.0		
SMCO	comp=Z,4.7nm,0.9s					DPC	comp=Z,300nm,13.4s			11 42 48.9	KHC	comp=Z,12nm,0.8s		eP	11 42 50.7 0.0		
SMCO	comp=Z,4.7nm,0.9s					DPC	comp=Z,300nm,13.4s			11 42 48.9	KHC	comp=Z,12nm,0.8s		eP	11 42 50.7 0.0		
SMCO	comp=Z,4.7nm,0.9s					DPC	comp=Z,300nm,13.4s			11 42 48.9	KHC	comp=Z,12nm,0.8s		eP	11 42 50.7 0.0		
SMCO	comp=Z,4.7nm,0.9s					DPC	comp=Z,300nm,13.4s			11 42 48.9	KHC	comp=Z,12nm,0.8s		eP	11 42 50.7 0.0		
SMCO	comp=Z,4.7nm,0.9s					DPC	comp=Z,300nm,13.4s			11 42 48.9	KHC	comp=Z,12nm,0.8s		eP	11 42 50.7 0.0		
SMCO	comp=Z,4.7nm,0.9s					DPC	comp=Z,300nm,13.4s			11 42 48.9	KHC	comp=Z,12nm,0.8s		eP	11 42 50.7 0.0		
SMCO	comp=Z,4.7nm,0.9s					DPC	comp=Z,300nm,13.4s			11 42 48.9	KHC	comp=Z,12nm,0.8s		eP	11 42 50.7 0.0		
SMCO	comp=Z,4.7nm,0.9s					DPC	comp=Z,300nm,13.4s			11 42 48.9	KHC	comp=Z,12nm,0.8s		eP	11 42 50.7 0.0		
SMCO	comp=Z,4.7nm,0.9s					DPC	comp=Z,300nm,13.4s			11 42 48.9	KHC	comp=Z,12nm,0.8s		eP	11 42 50.7 0.0		
SMCO	comp=Z,4.7nm,0.9s					DPC	comp=Z,300nm,13.4s			11 42 48.9	KHC	comp=Z,12nm,0.8s		eP	11 42 50.7 0.0		
SMCO	comp=Z,4.7nm,0.9s					DPC	comp=Z,300nm,13.4s			11 42 48.9	KHC	comp=Z,12nm,0.8s		eP	11 42 50.7 0.0		
SMCO	comp=Z,4.7nm,0.9s					DPC	comp=Z,300nm,13.4s			11 42 48.9	KHC	comp=Z,12nm,0.8s		eP	11 42 50.7 0.0		
SMCO	comp=Z,4.7nm,0.9s					DPC	comp=Z,300nm,13.4s			11 42 48.9	KHC	comp=Z,12nm,0.8s		eP	11 42 50.7 0.0		
SMCO	comp=Z,4.7nm,0.9s					DPC	comp=Z,300nm,13.4s			11 42 48.9	KHC	comp=Z,12nm,0.8s		eP	11 42 50.7 0.0		
SMCO	comp=Z,4.7nm,0.9s					DPC	comp=Z,300nm,13.4s			11 42 48.9	KHC	comp=Z,12nm,0.8s		eP	11 42 50.7 0.0		
SMCO	comp=Z,4.7nm,0.9s					DPC	comp=Z,300nm,13.4s			11 42 48.9	KHC	comp=Z,12nm,0.8s		eP	11 42 50.7 0.0		
SMCO	comp=Z,4.7nm,0.9s					DPC	comp=Z,300nm,13.4s			11 42 48.9	KHC	comp=Z,12nm,0.8s		eP	11 42 50.7 0.0		
SMCO	comp=Z,4.7nm,0.9s					DPC	comp=Z,300nm,13.4s			11 42 48.9	KHC	comp=Z,12nm,0.8s		eP	11 42 50.7 0.0		
SMCO	comp=Z,4.7nm,0.9s					DPC	comp=Z,300nm,13.4s			11 42 48.9	KHC	comp=Z,12nm,0.8s		eP	11 42 50.7 0.0		
SMCO	comp=Z,4.7nm,0.9s					DPC	comp=Z,300nm,13.4s			11 42 48.9	KHC	comp=Z,12nm,0.8s		eP	11 42 50.7 0.0		
SMCO	comp=Z,4.7nm,0.9s					DPC	comp=Z,300nm,13.4s			11 42 48.9	KHC	comp=Z,12nm,0.8s		eP	11 42 50.7 0.0		
SMCO	comp=Z,4.7nm,0.9s					DPC	comp=Z,300nm,13.4s			11 42 48.9	KHC	comp=Z,12nm,0.8s		eP	11 42 50.7 0.0		
SMCO	comp=Z,4.7nm,0.9s					DPC	comp=Z,300nm,13.4s			11 42 48.9	KHC	comp=Z,12nm,0.8s		eP	11 42 50.7 0.0		
SMCO	comp=Z,4.7nm,0.9s					DPC	comp=Z,300nm,13.4s			11 42 48.9	KHC	comp=Z,12nm,0.8s		eP	11 42 50.7 0.0		
SMCO	comp=Z,4.7nm,0.9s					DPC	comp=Z,300nm,13.4s			11 42 48.9	KHC	comp=Z,12nm,0.8s		eP	11 42 50.7 0.0		
SMCO	comp=Z,4.7nm,0.9s					DPC	comp=Z,300nm,13.4s			11 42 48.9	KHC	comp=Z,12nm,0.8s		eP	11 42 50.7 0.0		
SMCO	comp=Z,4.7nm,0.9s					DPC	comp=Z,300nm,13.4s			11 42 48.9	KHC	comp=Z,12nm,0.8s		eP	11 42 50.7 0.0		
SMCO	comp=Z,4.7nm,0.9s					DPC	comp=Z,300nm,13.4s			11 42 48.9	KHC	comp=Z,12nm,0.8s		eP	11 42 50.7 0.0		
SMCO	comp=Z,4.7nm,0.9s					DPC	comp=Z,300nm,13.4s			11 42 48.9	KHC	comp=Z,12nm,0.8s		eP	11 42 50.7 0.0		
SMCO																	

RPZ	2j,m,0.3s,baz=343,slow=17,SNR=60	LR	LR	12 41 54.5
RPZ	comp=2.397nm,20.6s,baz=22,slow=47			
RPZ	Rata Peaks 0.99 264	Sp		
RPZ		Sp		
RPZ		Sp		
WVZ	Waitaha Valley 1.34 293	AML	AML	12 41 55.4
WVZ		AML	AML	12 41 57.1
WVZ	Waitaha Valley 1.34 293	Pn	Pn	12 41 33.1 -0.7
KHZ	Kahutara 1.45 35	AML	AML	12 42 05.0
KHZ		AML	AML	12 42 06.9
KHZ	Kahutara 1.45 35	Pn	Pn	12 41 33.9 -1.4
LBZ	Lake Benmore 1.79 244	AML	AML	12 42 14.2
LBZ		AML	AML	12 42 14.3
LBZ		AML	AML	12 42 15.3
LBZ		AML	AML	12 42 16.4
LBZ	Lake Benmore 1.79 244	Pn	Pn	12 41 39.9 0.0
THZ	Topohuse 1.88 11	AML	AML	12 42 14.5
THZ		AML	AML	12 42 20.0
ODZ	Otahu Downs 1.92 221	AML	AML	12 42 13.8
ODZ		AML	AML	12 42 14.7
ODZ		AML	AML	12 42 16.7
ODZ	Otahu Downs 1.92 221	ePn	Pn	12 41 41.4 -0.2
ODZ		eSn	Sn	12 42 03.9 -1.8
DSZ	Denniston Nort 1.92 346	AML	AML	12 42 07.8
DSZ		AML	AML	12 42 12.7
DSZ		AML	AML	12 42 13.6
DSZ		AML	AML	12 42 15.4
DSZ	Denniston Nort 1.92 346	Pn	Pn	12 41 40.6 -1.1
FOZ	Fox Glacier 1.98 270	AML	AML	12 42 13.6
FOZ		AML	AML	12 42 15.2
FOZ		AML	AML	12 42 15.2
BSWZ	Blackbirch Sta 2.18 30	AML	AML	12 42 31.1
BSWZ		AML	AML	12 42 32.6
TUWZ	Tuamarina 2.46 28	AML	AML	12 42 39.5
TUWZ		AML	AML	12 42 39.5
NNZ	Nelson 2.50 17	AML	AML	12 42 36.5
NNZ		AML	AML	12 42 44.5
NNZ		AML	AML	12 42 44.6
JCZ	Jackson Bay 2.69 259	AML	AML	12 42 36.8
JCZ		AML	AML	12 42 41.1
WKZ	Wanaka 2.73 242	AML	AML	12 42 39.9
WKZ		AML	AML	12 42 41.0
WKZ		AML	AML	12 42 44.0
EAZ	Earnsclough 2.75 233	AML	AML	12 42 42.4
EAZ		AML	AML	12 42 42.4
EAZ		AML	AML	12 42 42.9
EAZ		AML	AML	12 42 42.9
TCW	Tory Channel 2.77 30	AML	AML	12 42 31.3
TCW		AML	AML	12 42 44.3
BHW	Baring Head 2.85 40	AML	AML	12 42 46.2
BHW		AML	AML	12 42 46.2
SNZO	South Karori 2.86 37	ePn	Pn	12 41 53.1 -1.5
SNZO		eSg	Sg	12 42 41.3 +0.2
WEL	Wellington 2.91 38	AML	AML	12 42 27.5
WEL		AML	AML	12 42 27.5
WEL	Wellington 2.91 38	Pn	Pn	12 41 53.7 -1.6
DUWZ	D'Urville Isla 3.02 22	AML	AML	12 42 59.4
DUWZ		AML	AML	12 42 59.4
MSWZ	Moikau Station 3.04 45	AML	AML	12 42 35.0
MSWZ		AML	AML	12 42 39.1
MSWZ	Moikau Station 3.04 45	Pn	Pn	12 41 54.7 -2.4
TUZ	Tuaepeka 3.07 219	AML	AML	12 42 57.5
TUZ		AML	AML	12 42 57.5
TUZ		AML	AML	12 42 58.6
TUZ		AML	AML	12 42 58.6
PAWZ	Paruwai Farm 3.15 46	AML	AML	12 42 45.3
PAWZ		AML	AML	12 42 48.4
CAW	Cannon Point 3.18 39	AML	AML	12 43 15.2
CAW		AML	AML	12 43 14.4
TRWZ	Traveller 3.28 49	AML	AML	12 43 38.2
TRWZ		AML	AML	12 43 38.6
TRWZ	Traveller 3.28 49	Pn	Pn	12 41 58.2 -2.2
KIW	Kapiti Island 3.31 35	AML	AML	12 43 08.9
KIW		AML	AML	12 43 09.0
MTW	Mount Morrison 3.35 44	AML	AML	12 42 43.2
MTW		AML	AML	12 42 47.5
MSZ	Milford Sound 3.40 250	AML	AML	12 43 00.9
MSZ		AML	AML	12 43 02.4
MLZ	Mavora Lakes 3.50 239	AML	AML	12 43 08.5
MLZ		AML	AML	12 43 14.4
TMWZ	Te Maipa 3.59 47	ePn	Pn	12 42 03.5 +0.1
MRZ	Mangatainoka R 3.77 40	AML	AML	12 42 02.2 -2.5
MRZ		AML	AML	12 43 35.5
MRZ		AML	AML	12 43 43.3
MRZ		AML	AML	12 43 43.3
TIWZ	Tintock 3.83 43	AML	AML	12 42 54.5
TIWZ		AML	AML	12 42 06.6 -1.5
TIWZ		AML	AML	12 43 20.8
WHZ	Wether Hill Ro 3.92 233	AML	AML	12 43 22.5
WHZ		AML	AML	12 43 07.6 -1.6
BFZ	Birch Farm 4.06 45	AML	AML	12 43 26.3
BFZ		AML	AML	12 42 57.3
DCZ	Deep Cove 4.02 242	AML	AML	12 43 25.8
DCZ		AML	AML	12 43 28.3
TSZ	Takapari Road 4.43 38	AML	AML	12 43 44.8
TSZ		AML	AML	12 43 47.5
TSZ	Takapari Road 4.43 38	Pn	Pn	12 42 15.1 -1.2
PREZ	Palmer Road 4.46 18	Pn	Pn	12 42 16.9 +0.2
APZ	The Paps 4.49 223	AML	AML	12 43 40.4
APZ		AML	AML	12 43 42.1
PKZ	Pukeiti 4.57 15	AML	AML	12 42 16.3 -0.8
PKZ		AML	AML	12 43 20.5
PKZ		AML	AML	12 43 22.0
DREZ	Durham Road 4.62 17	Pn	Pn	12 42 18.7 -0.1
MHEZ	Mangahewa 4.75 18	Pn	Pn	12 42 20.9 +0.2
PKVZ	Pokaka 4.85 28	AML	AML	12 43 49.8
PKVZ		AML	AML	12 44 09.9
PXZ	Pawanui 4.88 44	AML	AML	12 44 17.3
PXZ		AML	AML	12 44 19.0
MOVZ	Moawhango 4.89 32	AML	AML	12 42 20.9 -1.6
MOVZ		AML	AML	12 44 00.9
WVWZ	Wahianoa 4.90 30	Pn	Pn	12 42 22.5 -0.3
WHVZ	Whangahu Hut 4.94 30	Pn	Pn	12 42 22.9 -0.6
FWVZ	Far West T-bar 4.95 29	Pn	Pn	12 42 23.7 +0.1
TMVZ	Tukino 4.98 30	Pn	Pn	12 42 24.2 +0.4
WPVZ	Whakapapa 4.99 29	Pn	Pn	12 42 23.9 -0.2
KAHZ	Kahuranaki 5.07 43	Pn	Pn	12 42 23.6 -1.4
OTVZ	Oturere 5.07 30	Pn	Pn	12 42 25.0 -0.2
WTVZ	West Tongariro 5.09 29	Pn	Pn	12 42 24.8 -0.6
KRVZ	Karewarewa 5.12 29	Pn	Pn	12 42 27.3 +1.4
MCHZ	McNeill Hill 5.26 39	Pn	Pn	12 42 27.6 -0.1
ARHZ	Aroapanui 5.54 40	Pn	Pn	12 42 31.8 +0.2
URZ	Urewera 6.42 35	Pn	Pn	12 42 41.2 -2.3
URZ	2.2nm,0.3s,baz=278,slow=3,SNR=14	Sn	Sn	12 43 49.5 -7.2
MIKAZ	Moutakai 6.83 19	Pn	Pn	12 42 48.2 -0.9
ETAZ	East Tamaki Re 6.92 17	Pn	Pn	12 42 49.1 -1.0
KUZ	Kouatunu 7.31 21	Pn	Pn	12 42 53.5 -2.3
OZU	Omahuta 8.43 7	ePn	Pn	12 43 11.6 +0.4
OZU		eSn	Sn	12 44 49.1 +3.0
STKA	Stevens Creek 26.89 285	P	P	12 46 50.5 +0.6
VNDA	Vanda 2.59 184	P	P	12 48 02.3 +7.6
ASAR	Alice Springs 37.30 290	P	P	12 48 20.4 -0.8
WRA	Warramunga Arr 39.56 294	P	P	12 48 39.5 -0.8
WRAB	Tennant Creek 39.56 294	eP	P	12 48 42.1 +1.9
GSPA	South Pole Qui 46.51 180	P	P	12 49 41.5 +5.4
TORD	Torodi Ar. Bea 148.61 198	PKPbc	PKPbc	13 00 59.5 -0.3
BRTR	Keskin Array B 149.19 277	PKPbc	PKPbc	13 00 57.9 +0.6
FINES	FINES Array B 153.29 324	PKPab	PKPab	13 01 20.1 +2.1

Code	Station Name	Δ° AZ'	Phase ID	Time	Res
MTUR	Matau	0.09 135	Op	ISC	h m s ISC
MTUR	Matau	0.09 135	Op	Pg	12 47 42.6 +0.2
VOIR	VOIR	0.15 21	Op	Pg	12 47 42.4 +0.2
VOIR	VOIR	0.15 21	Op	Pb	12 47 43.4 0.0
VOIR	VOIR	0.15 21	Op	Sb	12 47 46.4 0.1
VOIR	VOIR	0.15 21	Op	Pb	12 47 43.4 0.0
VOIR	VOIR	0.15 21	Op	Pb	12 47 46.4 -0.1
MLR	Muntele Rosu	0.72 74	Op	Pb	12 47 53.0 0.0
MLR	Muntele Rosu	0.72 74	Op	Pb	12 47 53.0 0.0
MLR	MLR	0.86 281	Op	Sg	12 48 02.8 +0.1
LOT	Lotu	0.86 281	Op	Pb	12 47 55.4 0.0
LOT	Lotu	0.86 281	Op	Pb	12 47 55.4 0.0
LOT	LOT		Op	Sn	12 48 07.9 -0.7

AUST 07 12:48:53.0,14.45S:175.84W,h0km, Error ellipse:
s-maj=10.3km s-min=6.2km az=177.0
IDC 07 12:48:55.1s,0.6,14:51S:176:19W,h0km,mb4.9/17,
mb1.5/17,mb1mx3.0/22,mbtmp4.9/17,MS4.9/23,
MS1.4.9/23,ms1mx3.0/23,Error ellipse: s-maj=22.2km
s-min=15.5km az=120.0
NEIC 07 12:48:57.4,0.1,14:40S:176:24W,h10km,mb5.3/149,
MS5.1/39,Error ellipse: s-maj=7.5km s-min=3.8km
az=144.0
SZGRF 07 12:48:57.7,15:52S:175:68W,h33km,Tonga Islands
GCMT 07 12:48:57.4,0.1,14:37S:175:94W,h15km,MW5.5/118,
Moment Tensor Solution. s97,c179; s118,c233;
Duration: 1s4 Moment tensor: Scale 10¹⁷Nm;
Mn-0.01±.03; Mbb-1.02±.03; Mtt-0.03±.08;
Mss-2.16±.03; Mrr-0.45±.08; Best double couple:
M=2.42000x10¹⁷ NP13:193.00000°,δ87.00000°;
λ-170.00000°. NP23:102.00000°,δ80.00000°;
λ-3.00000°. Principal axes: T 2.4140, Pgs.0000°;
Azms327.0000°; N 0.0300, Plg79.0000°, Azm208.0000°; P
-2.4390, Plg9.0000°, Azm58.0000°; nsta1 refers to body
waves, cutoff=40s. nsta2 refers to surface waves,
cutoff=50s.
BUJ 07 12:48:59.5,14:40S:176:20W,h38km,mb5.1/46,
mb5.5/38,MS5.3/40,MS7.5/42
MOS 07 12:48:59.4,1.1,14:31S:176:32W,h33km,mb5.5/41,
MS5.1/35,Error ellipse: s-maj=10.4km s-min=8.0km
az=74.4
ISCJB 07 12:48:59.3,0.1,14:49S:176:14W,0:03,h33km,
ms=5/214,MS5.1/173,Error ellipse: s-maj=6.2km
s-min=3.1km az=155.8
ISC 07 12:49:00.5,0.4,14:44S:176:12W,0:06,h33km,1km,
h33km;pp-P,n852,ci17725,mb5.3/214,MS5.1/173,
47C-24D,Fiji Islands region

Code	Station Name	Δ° AZ'	Phase ID	Time	Res
AFI	Afiamaulu	4.24 83	Op	ISC	h m s ISC
AFI	265nm,0.3s,baz=211,slow=3.5,SNR=511		Pn	Pn	12 49 54.6 -8.3
AFI	383nm,0.3s,baz=302,slow=18,SNR=7.8		Sn	Sn	12 50 39.2 -12
AFI	comp=2.20um,19.3s,baz=263,slow=36		LR	LR	12 51 28.6
NIUE	Niue	7.51 129	P	Pn	12 50 42.4 -5.4
RAO	Raoul Island	14.84 186	LR	LR	12 57 08.7
DZM	Mont Dzumac	18.21 243	eP	P	12 53 12.3 +1.3
DZM	12um,26.9s		eLR	LR	12 57 31.6
DZM	Mont Dzumac	18.21 243	P	P	12 53 12.7 +1.7
DZM	baz=1.8,slow=17		LR	LR	12 59 04.9
TARA	Tarawa	19.08 324	eP	P	12 53 20.3 -0.1
TARA			eS	Sn	12 56 54.1 -0.2
OZU	Omahuta	22.68 202	eP	P	12 54 00.2 +1.1
HNR	Honiara	23.93 279	LR	LR	13 01 42.6
URZ	Urewera	24.48 193	P	P	12 54 14.2 -2.5
URZ	17nm,0.8s,baz=20,slow=7.6,SNR=7.9		LR	LR	13 03 08.0
URZ	comp=2.4um,18.5s,baz=28,slow=35		LR	LR	12 54 17.5 +0.8
URZ	Urewera	24.83 193	eP	S	12 58 51.3 -3.5
PPT2	Papeete2	25.69 101	eS	S	12 59 34.2
PPT2	14um,26.5s		eLR	LR	13 00 41.0
PPT2	3um,26.8s		eLR	LR	13 20 30.4
PPT2	Papeete2	25.69 101	eT	T	13 20 37.0
PAE	Paea	25.69 101	eT	T	13 20 59.2
TIAR	Tiarei	25.91 100	eT	T	13 30 20.7
TVO	Taravao	26.01 101	eT	T	13 30 54.8
TBI	Tubuai	26.69 113	eT	T	13 31 59.9
PMOR	Pomariorio Ree	27.30 95			

7d 12h

Table with columns: BTO, Baotou, 87.45 313, eP, PMZ, P, 13 01 45.4 +0.4, etc. Includes stations like Elmer, Black Hills, Whitaker Ranch, etc.

2010 SEP

Table with columns: LZH, Lanzhou, 90.55 307, eP, P, 13 02 00.6 +0.8, etc. Includes stations like Wade Farm, Maesarieng, Quinton, etc.

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Table with columns: LSA, Lhasa, 99.34 298, PFAKE, LR, 13 02 50.0 +9.5, etc. Includes stations like Limon Verde, Grayling, Ann Arbor, etc.

Table with columns: Station Name, Frequency, Mode, and Signal Quality. Includes stations like Malin Array Be, Kiev, Anapa, L'vov, Kishinev, etc.

Table with columns: Station Name, Frequency, Mode, and Signal Quality. Includes stations like Kasperske Hory, Geress Array, Lotru, Walferdange, etc.

Table with columns: Station Name, Frequency, Mode, and Signal Quality. Includes stations like Villacollemand, Makrakom, Makrakom, Santorini, L'Aquila, etc.

Western Gulf of Aden
Code Station Name Δ° AZ° Phase ID Op ISC Time Res h m s ISC
ADEN Aden 1.36 43 i P Sg 13 28 31.6 -0.1
ADEN Aden 1.36 43 i P Sg 13 28 50.1 0.0
ADEN Aden 1.36 43 i P Sg 13 28 53.9

THE 07 13:33:57.3, 41.82°N, 22.10°E, h7km, 1km, ML2.77, Error ellipse: s-maj=1.8km s-min=1.1km az=1.0
BEO 07 13:33:57.3, 0.9, 41.73°N, 22.12°E, h14km, 3km, ML2.8/9
ATH 07 13:33:57.6, 41.83°N, 22.15°E, h17km, 1km, MD3.3/12
CSEM 07 13:33:57.7, 0.1, 41.83°N, 22.11°E, h8km, ML2.8, Error ellipse: s-maj=3.5km s-min=2.5km az=54.0

Peninsula
Code Station Name Δ° AZ° Phase ID Op ISC Time Res h m s ISC
SKO Skopje 0.53 286 i P Pg 13 34 08.4 +0.5
SKO Skopje 0.53 286 i P Pg 13 34 14.3

Valandovo
Code Station Name Δ° AZ° Phase ID Op ISC Time Res h m s ISC
VAY VAY 0.61 147 i P Pg 13 34 09.7 -0.5
VAY VAY 0.61 147 i P Pg 13 34 18.4 -0.4
VAY VAY 0.61 147 i P Pg 13 34 20.2

Krupnik
Code Station Name Δ° AZ° Phase ID Op ISC Time Res h m s ISC
KKB Krupnik 0.72 87 i P Pp 13 34 12.2 +0.1
KKB Krupnik 0.72 87 i P Pp 13 34 12.2 +0.1
GJK Gjilan 0.81 321 P Pg 13 34 12.8 -0.5

Barje
Code Station Name Δ° AZ° Phase ID Op ISC Time Res h m s ISC
BARS Barje 1.01 347 e P Pg 13 34 32.9 +0.7
BARS Barje 1.01 347 e P Pg 13 34 32.9 +0.7
VTS Vitoshka 1.11 46 e P Pn 13 34 19.0 -0.3

Florina
Code Station Name Δ° AZ° Phase ID Op ISC Time Res h m s ISC
FNA Florina 1.19 209 e P Pn 13 34 21.1 0.0
FNA Florina 1.19 209 e P Pn 13 34 21.1 0.0
FNA Florina 1.19 209 e P Pn 13 34 21.1 0.0

Musomiste
Code Station Name Δ° AZ° Phase ID Op ISC Time Res h m s ISC
MMB Musomiste 1.22 101 i P Pn 13 34 21.1 0.0
MMB Musomiste 1.22 101 i P Pn 13 34 21.1 0.0
OHR Ohrid 1.23 235 e P Pg 13 34 20.2 -0.7

Peshkopia
Code Station Name Δ° AZ° Phase ID Op ISC Time Res h m s ISC
PHR Peshkopia 1.27 264 i P Pn 13 34 21.2 -0.2
PHR Peshkopia 1.27 264 i P Pn 13 34 21.2 -0.2
PHR Peshkopia 1.27 264 i P Pn 13 34 21.2 -0.2

Serrai
Code Station Name Δ° AZ° Phase ID Op ISC Time Res h m s ISC
SRS Serrai 1.31 122 e P Pn 13 34 21.1 -0.2
SRS Serrai 1.31 122 e P Pn 13 34 21.1 -0.2
SRS Serrai 1.31 122 e P Pn 13 34 21.1 -0.2

Kozani
Code Station Name Δ° AZ° Phase ID Op ISC Time Res h m s ISC
KZN Kozani 1.54 190 e P Pn 13 34 26.7 +0.4
KZN Kozani 1.54 190 e P Pn 13 34 26.7 +0.4
KZN Kozani 1.54 190 e P Pn 13 34 26.7 +0.4

Selova
Code Station Name Δ° AZ° Phase ID Op ISC Time Res h m s ISC
SELS Selova 1.58 332 e P Pg 13 34 26.4 -0.2
BCI Bajram Curri 1.62 290 i P Pn 13 34 28.6 -0.2
BCI Bajram Curri 1.62 290 i P Pn 13 34 28.6 -0.2

Kurdzhalii
Code Station Name Δ° AZ° Phase ID Op ISC Time Res h m s ISC
KDX Kurdzhalii 2.47 93 i P Pp 13 34 41.8 -0.2
XOR Xorichiti 2.59 161 e P Pn 13 34 40.3 +0.8
XOR Xorichiti 2.59 161 e P Pn 13 34 40.3 +0.8
KUBS Kucevo 2.60 353 e P Pn 13 34 38.7 -1.0

Palmer Station
Code Station Name Δ° AZ° Phase ID Op ISC Time Res h m s ISC
ALN Alexandroupoli 2.85 116 e P Pn 13 34 43.4 +0.2
BLLS Lazik#263;i 2.92 185 e P Pn 13 34 46.3 +2.2
EVR Evrytania 2.92 185 e P Pn 13 34 46.3 +2.2

Sanas
Code Station Name Δ° AZ° Phase ID Op ISC Time Res h m s ISC
SNAAS Sanas 18.63 156 P P 13 56 25.8 +1.5
PMSA Palmer Station 19.97 229 P P 13 56 39.7 +0.9
USHA Usha 23.31 256 LR LR 14 04 11.5

South Pole Qui
Code Station Name Δ° AZ° Phase ID Op ISC Time Res h m s ISC
QSPA South Pole Qui 34.14 160 P P 13 58 50.6 -0.2
VNSA Vanda 46.52 183 P P 14 00 32.3 -0.2
LPZA La Paz 50.53 305 P P 14 01 03.8 -0.9

Arhangelos
Code Station Name Δ° AZ° Phase ID Op ISC Time Res h m s ISC
ARG Arhangelos 0.90 153 e P Pn 14 01 32.3 -0.2
ARG Arhangelos 0.90 153 e P Pn 14 01 32.3 -0.2
ARG Arhangelos 0.90 153 e P Pn 14 01 32.3 -0.2

Samos
Code Station Name Δ° AZ° Phase ID Op ISC Time Res h m s ISC
SMG Samos 0.93 318 e P Pn 14 01 32.3 -0.2
SMG Samos 0.93 318 e P Pn 14 01 32.3 -0.2
SMG Samos 0.93 318 e P Pn 14 01 32.3 -0.2

Zeytinkoy-Aydi
Code Station Name Δ° AZ° Phase ID Op ISC Time Res h m s ISC
AYB Zeytinkoy-Aydi 0.95 13 e P Pn 14 00 16.1 -0.5
AYB Zeytinkoy-Aydi 0.95 13 e P Pn 14 00 30.3 0.0
AYB Zeytinkoy-Aydi 0.95 13 e P Pn 14 00 35.4

Kula-Manisa
Code Station Name Δ° AZ° Phase ID Op ISC Time Res h m s ISC
KULA Kula-Manisa 1.71 29 e P Pn 14 02 06.4 +0.8
KULA Kula-Manisa 1.71 29 e P Pn 14 02 06.4 +0.8
KULA Kula-Manisa 1.71 29 e P Pn 14 02 06.4 +0.8

Karpathos
Code Station Name Δ° AZ° Phase ID Op ISC Time Res h m s ISC
KAR Karpathos 1.51 194 P Pn 14 00 30.3 0.0
KAR Karpathos 1.51 194 P Pn 14 00 57.7 +1.0
KAR Karpathos 1.51 194 P Pn 14 00 33.3 +1.1

Apairanthos
Code Station Name Δ° AZ° Phase ID Op ISC Time Res h m s ISC
APE Apairanthos 1.67 272 e P Pn 14 01 09.5 +1.6
APE Apairanthos 1.67 272 e P Pn 14 01 13.8
APE Apairanthos 1.67 272 e P Pn 14 01 09.5 +1.6

ellipse: s-maj=9.1km s-min=5.5km az=75.4
NEIC 07 14:17:59.5, 37.04°N, 27.63°E, h3km, mb4.2/3, ML4.1(DDA), ML4.2(SIC), ML4.3(TH), Error THE
THE 07 14:17:59.5, 37.04°N, 27.63°E, h3km, 1km, ML4.3/7, Error ellipse: s-maj=1.6km s-min=0.7km az=171.0
CSEM 07 14:18:00.2, 0.1, 37.03°N, 27.61°E, h10km, mb4.2/12, Error ellipse: s-maj=2.5km s-min=2.0km az=1.0

Kayabasi
Code Station Name Δ° AZ° Phase ID Op ISC Time Res h m s ISC
BDRM Kayabasi 0.14 289 i P Pp 14 18 02.9 +0.1
BDRM Kayabasi 0.14 289 i P Pp 14 18 05.6 +0.7
BDRM Kayabasi 0.14 289 i P Pp 14 18 03.1 +0.2

Bodrum
Code Station Name Δ° AZ° Phase ID Op ISC Time Res h m s ISC
BODT Bodrum 0.25 280 e P Pg 14 18 05.6 +0.7
BODT Bodrum 0.25 280 e P Pg 14 18 05.6 +0.7
BODT Bodrum 0.25 280 e P Pg 14 18 05.6 +0.7

Nisyros Isl.
Code Station Name Δ° AZ° Phase ID Op ISC Time Res h m s ISC
NIS1 Nisyros Isl. 0.55 220 e P Pn 14 18 10.7 +0.3
NIS1 Nisyros Isl. 0.55 220 e P Pn 14 18 10.6 +0.3
NIS1 Nisyros Isl. 0.55 220 e P Pn 14 18 10.6 +0.3

Yerkesik
Code Station Name Δ° AZ° Phase ID Op ISC Time Res h m s ISC
YER Yerkesik 0.55 78 e P Pg 14 18 18.8 -1.1
YER Yerkesik 0.55 78 e P Pg 14 18 18.8 -1.1
YER Yerkesik 0.55 78 e P Pg 14 18 18.8 -1.1

Nisiroi
Code Station Name Δ° AZ° Phase ID Op ISC Time Res h m s ISC
NISR Nisiroi 0.56 224 e P Pn 14 18 11.2 +0.5
NISR Nisiroi 0.56 224 e P Pn 14 18 11.2 +0.5
NISR Nisiroi 0.56 224 e P Pn 14 18 11.2 +0.5

Tasoluk
Code Station Name Δ° AZ° Phase ID Op ISC Time Res h m s ISC
AYDN Tasoluk 0.67 18 i P Pg 14 18 22.2 +0.5
AYDN Tasoluk 0.67 18 i P Pg 14 18 22.2 +0.5
AYDN Tasoluk 0.67 18 i P Pg 14 18 22.2 +0.5

G?zelcaml?
Code Station Name Δ° AZ° Phase ID Op ISC Time Res h m s ISC
GCAM G?zelcaml? 0.74 336 i P Pg 14 18 22.2 +0.5
GCAM G?zelcaml? 0.74 336 i P Pg 14 18 22.2 +0.5
GCAM G?zelcaml? 0.74 336 i P Pg 14 18 22.2 +0.5

Dalyan (Mu'la)
Code Station Name Δ° AZ° Phase ID Op ISC Time Res h m s ISC
DALY Dalyan (Mu'la) 0.86 103 e P Pg 14 18 24.3 +0.4
DALY Dalyan (Mu'la) 0.86 103 e P Pg 14 18 24.3 +0.4
DALY Dalyan (Mu'la) 0.86 103 e P Pg 14 18 24.3 +0.4

Arhangelos
Code Station Name Δ° AZ° Phase ID Op ISC Time Res h m s ISC
ARG Arhangelos 0.90 153 e P Pn 14 01 32.3 -0.2
ARG Arhangelos 0.90 153 e P Pn 14 01 32.3 -0.2
ARG Arhangelos 0.90 153 e P Pn 14 01 32.3 -0.2

Samos
Code Station Name Δ° AZ° Phase ID Op ISC Time Res h m s ISC
SMG Samos 0.93 318 e P Pn 14 01 32.3 -0.2
SMG Samos 0.93 318 e P Pn 14 01 32.3 -0.2
SMG Samos 0.93 318 e P Pn 14 01 32.3 -0.2

Zeytinkoy-Aydi
Code Station Name Δ° AZ° Phase ID Op ISC Time Res h m s ISC
AYB Zeytinkoy-Aydi 0.95 13 e P Pn 14 00 16.1 -0.5
AYB Zeytinkoy-Aydi 0.95 13 e P Pn 14 00 30.3 0.0
AYB Zeytinkoy-Aydi 0.95 13 e P Pn 14 00 35.4

ISCJUB 07 13:52:10.4, 1.0, 56.1°S, 0.1, 27.0°W, 0.3, h63km, mb3.9/5, Error ellipse: s-maj=26.4km s-min=18.3km az=164.3
IDC 07 13:52:20.6, 7.3, 56.20°S, 27.19°W, h144km, 66km, mb3.6/5, mb1.3/6.7, mb1mx3.4/26, mbtmp3.9/7, MS3.5/1, Ms1.3/5.1, ms1mx3.0/13, Error ellipse: s-maj=34.0km s-min=22.6km az=60.0

ISC 07 13:52:12.2, 0.9, 56.1°S, 0.1, 26.9°W, 0.2, h63km, n10, c189g, mb4.0/5, South Sandwich Islands region
Code Station Name Δ° AZ° Phase ID Op ISC Time Res h m s ISC
SNAAS Sanas 18.63 156 P P 13 56 25.8 +1.5

CSEM 07 13:59:57.3, 12.07°N, 44.25°E, h9km, ML3.6
DHMR 07 13:59:57.3, 1.4, 12.07°N, 44.25°E, h9km, 23km, ML3.6, Western Arabian Peninsula
Code Station Name Δ° AZ° Phase ID Op ISC Time Res h m s ISC
ADEN Aden 1.01 45 i P Sg 14 00 16.1 -0.5

ADEN Aden 1.01 45 i P Sg 14 00 16.1 -0.5
ADEN Aden 1.01 45 i P Sg 14 00 30.3 0.0
ADEN Aden 1.01 45 i P Sg 14 00 35.4
UDYN Al Udayn 1.91 352 i S Sg 14 00 57.7 +1.0

UDYN Al Udayn 1.91 352 i S Sg 14 00 57.7 +1.0
UDYN Al Udayn 1.91 352 i S Sg 14 00 31.0 +0.7
UDYN Al Udayn 1.91 352 i S Sg 14 00 57.7 +1.0
LBOS Lbos 2.04 28 i P Pn 14 00 33.3 +1.1

BDHA Al Bayda' 2.29 34 i P Sg 14 01 09.5 +1.6
BDHA Al Bayda' 2.29 34 i P Sg 14 01 13.8
BDHA Al Bayda' 2.29 34 i P Sg 14 01 09.5 +1.6
BDHA Al Bayda' 2.29 34 i P Sg 14 01 09.5 +1.6

ISCJUB 07 14:02:01.4, 5.1, 1.0, 37.23°N, 0.04, 28.23°E, 0.07, h9km, 11km, Error ellipse: s-maj=10.6km s-min=5.7km az=150.2
DDA 07 14:02:01.4, 37.28°N, 28.22°E, h7km, MD2.6
ISC 07 14:02:00.9, 1.2, 37.26°N, 0.05, 28.29°E, 0.07, h8km, 11km, n5, c0976/10, Turkey
Code Station Name Δ° AZ° Phase ID Op ISC Time Res h m s ISC
YER Yerkesik 0.12 183 e P Pg 14 02 06.4 +0.8

TURN Turunc 0.46 147 i P Pp 14 02 09.6 -0.2
TURN Turunc 0.46 147 i P Pp 14 02 19.2 +1.1
AYDN Tasoluk 0.52 321 i P Pn 14 02 11.3 +0.3
AYDN Tasoluk 0.52 321 i P Pn 14 02 18.3 +0.4
BDRM Kayabasi 0.70 254 i P Pg 14 02 14.6 +0.1
BDRM Kayabasi 0.70 254 i P Pg 14 02 14.6 +0.1
AYB Zeytinkoy-Aydi 0.76 335 e P Pn 14 02 15.9 -0.5
AYB Zeytinkoy-Aydi 0.76 335 e P Pn 14 02 29.1 -0.6

IDC 07 14:10:14.2, 1.1, 3.56°S, 140.14°E, h0km, mb3.4/3, mb1.3/7.4, mb1mx3.5/18, mbtmp3.5/4, ML3.6/1, Error ellipse: s-maj=38.0km s-min=9.9km az=115.0, Irian Jaya
Code Station Name Δ° AZ° Phase ID Op ISC Time Res h m s ISC
JAY Jayapura 1.18 29 P Pn 14 10 38.2 +0.1
JAY Jayapura 1.18 29 P Pn 14 10 51.7
WRA Warramunga Arr 17.24 199 P P 14 14 15.6 -1.0
WRA Warramunga Arr 17.24 199 P P 14 14 15.6 -1.0
FITZ Fitzroy Crossi 20.26 223 P Pn 14 14 53.2 -0.1
FITZ Fitzroy Crossi 20.26 223 P Pn 14 14 53.2 -0.1
ASAR Alice Springs 20.88 196 P P 14 14 58.3 +0.1
ASAR Alice Springs 20.88 196 P P 14 14 58.3 +0.1
MKAR Makranich Arr 71.33 322 P P 14 21 35.5 -0.4

IDC 07 14:17:57.8, 0.7, 37.00°N, 27.66°E, h0km, mb4.0/14, mb1.4/0.20, mb1mx4.0/34, mbtmp4.0/20, ML3.6/5, MS3.5/1, Ms1.3/4.1, ms1mx2.7/44, Error ellipse: s-maj=16.5km s-min=13.3km az=141.0
DDA 07 14:17:57.4, 36.98°N, 27.59°E, h26km, ML4.1
ATH 07 14:17:58.9, 37.06°N, 27.63°E, h25km, 1km, MD3.9/30, ML4.0
ISCJUB 07 14:17:59.2, 0.3, 37.03°N, 0.01, 27.63°E, 0.01, h13km, 2km, mb4.1/23, MS4.1/1, Error ellipse: s-maj=2.3km s-min=1.9km az=7.3
ISK 07 14:17:59.7, 1.2, 36.96°N, 27.63°E, h17km, mb4.4/11, Error MOS 07 14:17:59.7, 1.2, 36.96°N, 27.63°E, h17km, mb4.4/11, Error

7d 15h

2010 SEP

PMPS	comp=E,88nm,0.1s	4.74	206	P	S	Pn	Sn	15 11 19.7	-12	
PMPS	comp=E,44nm,0.1s	4.76	741	ePn	eSn	Pn	Sn	15 11 29.2	+2.2	
EVO	comp=E,73nm,0.2s	4.76	74	P	S	Pn	Sn	15 11 34.2	+2.2	
EVO	comp=E,73nm,0.2s	4.76	74	P	S	Pn	Sn	15 12 29.2	+2.0	
EVO	comp=E,73nm,0.2s	4.76	74	P	S	Pn	Sn	15 11 34.2	+2.2	
EVO	comp=E,73nm,0.2s	4.76	74	P	S	Pn	Sn	15 12 29.2	+2.0	
PBEJ	comp=E,81nm,0.3s	4.79	80	ePn	eSn	Pn	Sn	15 11 34.8	+2.4	
PBEJ	comp=E,40nm,0.3s	4.79	80	P	S	Pn	Sn	15 12 29.7	+1.8	
PBEJ	comp=E,40nm,0.3s	4.79	80	P	S	Pn	Sn	15 11 34.8	+2.4	
PBEJ	comp=E,40nm,0.3s	4.79	80	P	S	Pn	Sn	15 12 29.7	+1.8	
PTOM	comp=E,63nm,0.2s	4.83	60	ePn	eSn	Pn	Sn	15 11 35.5	+2.6	
PTOM	comp=E,32nm,0.2s	4.83	60	P	S	Pn	Sn	15 12 31.4	+2.5	
PTOM	comp=E,32nm,0.2s	4.83	60	P	S	Pn	Sn	15 11 35.5	+2.6	
PTOM	comp=E,32nm,0.2s	4.83	60	P	S	Pn	Sn	15 12 31.4	+2.5	
PVAQ	comp=E,84nm,0.3s	4.88	88	ePn	eSn	Pn	Sn	15 11 35.9	+2.3	
PVAQ	comp=E,84nm,0.3s	4.88	88	P	S	Pn	Sn	15 12 31.8	+1.6	
PVAQ	comp=E,84nm,0.3s	4.88	88	P	S	Pn	Sn	15 11 35.9	+2.3	
PVAQ	comp=E,84nm,0.3s	4.88	88	P	S	Pn	Sn	15 12 31.8	+1.6	
PCAS	comp=E,28nm,0.3s	4.98	56	ePn	eSn	Pn	Sn	15 11 36.9	+1.9	
PCAS	comp=E,28nm,0.3s	4.98	56	ePn	eSn	Pn	Sn	15 12 36.0	+3.4	
PCAS	comp=E,28nm,0.3s	4.98	56	ePn	eSn	Pn	Sn	15 11 36.9	+1.9	
PCAS	comp=E,28nm,0.3s	4.98	56	ePn	eSn	Pn	Sn	15 12 36.0	+3.4	
EGRO	comp=E,123nm,0.3s,SNR=11	5.06	86	P	S	Pn	Sn	15 11 37.0	+2.3	
EGRO	comp=E,9.3nm,0.2s,SNR=50	5.06	86	P	S	Pn	Sn	15 11 38.6	+2.4	
EGRO	comp=E,123nm,0.3s,SNR=11	5.06	86	P	S	Pn	Sn	15 11 37.0	+2.3	
EGRO	comp=E,9.3nm,0.2s,SNR=50	5.06	86	P	S	Pn	Sn	15 11 38.6	+2.4	
PMAR	comp=E,156nm,0.2s	5.26	210	eSn	A	Sn	Sn	15 12 18.5	-21	
PMAR	comp=E,156nm,0.2s	5.26	210	S		Sn	Sn	15 12 18.5	-21	
PMAR	comp=E,156nm,0.2s	5.26	210	S		Sn	Sn	15 12 18.5	-21	
PMAR	comp=E,156nm,0.2s	5.26	210	S		Sn	Sn	15 12 18.5	-21	
PMOZ	comp=E,112nm,0.4s	5.29	212	ePn	eSn	Pn	Sn	15 11 27.5	-12	
PMOZ	comp=E,112nm,0.4s	5.29	212	ePn	eSn	Pn	Sn	15 12 19.5	-21	
PMOZ	comp=E,112nm,0.4s	5.29	212	P	S	Pn	Sn	15 11 27.5	-12	
PMOZ	comp=E,112nm,0.4s	5.29	212	P	S	Pn	Sn	15 12 19.5	-21	
PBAR	comp=E,76nm,0.3s	5.45	79	P	S	Pn	Sn	15 11 43.5	+2.0	
PBAR	comp=E,76nm,0.3s	5.45	79	P	S	Pn	Sn	15 12 45.5	+1.2	
PBAR	comp=E,76nm,0.3s	5.45	79	P	S	Pn	Sn	15 11 43.5	+2.0	
PBAR	comp=E,76nm,0.3s	5.45	79	P	S	Pn	Sn	15 12 45.5	+1.2	
PMRV	comp=E,51nm,0.4s	5.48	66	ePn	eSn	Pn	Sn	15 11 44.1	+2.2	
PMRV	comp=E,51nm,0.4s	5.48	66	P	S	Pn	Sn	15 12 46.6	+1.7	
PMRV	comp=E,51nm,0.4s	5.48	66	P	S	Pn	Sn	15 11 44.1	+2.2	
PMRV	comp=E,51nm,0.4s	5.48	66	P	S	Pn	Sn	15 12 46.6	+1.7	
PTO	comp=E,64nm,0.1s	5.55	45	P	S	Pn	Sn	15 11 43.2	+0.3	
PTO	comp=E,32nm,0.1s	5.55	45	P	S	Pn	Sn	15 12 46.5	-0.3	
PTO	comp=E,64nm,0.1s	5.55	45	P	S	Pn	Sn	15 11 43.2	+0.3	
PTO	comp=E,32nm,0.1s	5.55	45	P	S	Pn	Sn	15 12 46.5	-0.3	
EBAD	comp=E,16nm,0.1s,SNR=50	5.57	73	P	S	Pn	Sn	15 11 44.9	+1.8	
EBAD	comp=E,51nm,0.2s,SNR=8.2	5.57	73	P	S	Pn	Sn	15 12 48.7	+1.5	
EBAD	comp=E,16nm,0.1s,SNR=50	5.57	73	P	S	Pn	Sn	15 11 44.9	+1.8	
EBAD	comp=E,51nm,0.2s,SNR=8.2	5.57	73	P	S	Pn	Sn	15 12 48.7	+1.5	
PCBR	comp=E,27nm,0.4s	5.57	62	ePn	eSn	Pn	Sn	15 11 45.4	+2.3	
PCBR	comp=E,14nm,0.4s	5.57	62	P	S	Pn	Sn	15 12 48.8	+1.6	
PCBR	comp=E,27nm,0.4s	5.57	62	ePn	eSn	Pn	Sn	15 11 45.4	+2.3	
PCBR	comp=E,14nm,0.4s	5.57	62	P	S	Pn	Sn	15 12 48.8	+1.6	
EMIN	comp=E,47nm,0.2s,SNR=9.3	5.71	84	P	S	Pn	Sn	15 11 46.5	+1.4	
EMIN	comp=E,47nm,0.2s,SNR=9.3	5.71	84	P	S	Pn	Sn	15 12 52.4	+1.7	
EMIN	comp=E,47nm,0.2s,SNR=9.3	5.71	84	P	S	Pn	Sn	15 11 46.5	+1.4	
EMIN	comp=E,47nm,0.2s,SNR=9.3	5.71	84	P	S	Pn	Sn	15 12 52.4	+1.7	
PVIS	comp=E,14nm,0.1s	5.72	52	ePn	eSn	Pn	Sn	15 11 47.0	+1.7	
PVIS	comp=E,7.2nm,0.1s	5.72	52	P	S	Pn	Sn	15 12 51.4	+0.4	
PVIS	comp=E,14nm,0.1s	5.72	52	ePn	eSn	Pn	Sn	15 11 47.0	+1.7	
PVIS	comp=E,7.2nm,0.1s	5.72	52	P	S	Pn	Sn	15 12 51.4	+0.4	
MTE	comp=E,41nm,0.3s	5.78	56	ePn	eSn	Pn	Sn	15 11 48.4	+2.3	
MTE	comp=E,21nm,0.3s	5.78	56	P	S	Pn	Sn	15 12 54.2	+1.7	
MTE	comp=E,41nm,0.3s	5.78	56	ePn	eSn	Pn	Sn	15 11 48.4	+2.3	
MTE	comp=E,21nm,0.3s	5.78	56	P	S	Pn	Sn	15 12 54.2	+1.7	
PVRL	comp=E,15nm,0.2s	6.16	49	ePn	eSn	Pn	Sn	15 11 52.5	+1.2	
PVRL	comp=E,30nm,0.2s	6.16	49	P	S	Pn	Sn	15 13 01.6	-0.2	
PVRL	comp=E,15nm,0.2s	6.16	49	ePn	eSn	Pn	Sn	15 11 52.5	+1.2	
PVRL	comp=E,30nm,0.2s	6.16	49	P	S	Pn	Sn	15 13 01.6	-0.2	
POLO	comp=E,8.6nm,0.3s	6.17	48	ePn	eSn	Pn	Sn	15 11 52.8	+1.3	
POLO	comp=E,8.6nm,0.3s	6.17	48	ePn	eSn	Pn	Sn	15 13 01.8	-0.4	
POLO	comp=E,8.6nm,0.3s	6.17	48	ePn	eSn	Pn	Sn	15 11 52.8	+1.3	
POLO	comp=E,8.6nm,0.3s	6.17	48	ePn	eSn	Pn	Sn	15 13 01.8	-0.4	
PCAB	comp=E,18nm,0.1s	6.26	44	P	S	Pn	Sn	15 11 53.4	+0.8	

PCAB	comp=E,18nm,0.1s	6.26	44	P	S	Pn	Sn	15 13 04.1	-0.1	
PCAB	comp=E,9.2nm,0.1s	6.26	44	P	S	Pn	Sn	15 11 53.4	+0.8	
PCAB	comp=E,9.2nm,0.1s	6.26	44	P	S	Pn	Sn	15 13 04.1	-0.1	
PCAB	comp=E,9.2nm,0.1s	6.26	44	P	S	Pn	Sn	15 11 53.4	+0.8	
PGAV	comp=E,27nm,0.3s	6.30	41	ePn	eSn	Pn	Sn	15 11 54.3	+1.0	
PGAV	comp=E,27nm,0.3s	6.30	41	ePn	eSn	Pn	Sn	15 13 03.6	-1.8	
PGAV	comp=E,27nm,0.3s	6.30	41	ePn	eSn	Pn	Sn	15 11 54.3	+1.0	
PGAV	comp=E,27nm,0.3s	6.30	41	ePn	eSn	Pn	Sn	15 13 03.6	-1.8	
ELOB	comp=E,6.1nm,0.1s,SNR=49	6.34	43	P	S	Pn	Sn	15 11 54.5	+0.7	
ELOB	comp=E,6.1nm,0.1s,SNR=49	6.34	43	P	S	Pn	Sn	15 11 54.5	+0.7	
ELOB	comp=E,6.1nm,0.1s,SNR=49	6.34	43	P	S	Pn	Sn	15 11 54.5	+0.7	
ELOB	comp=E,6.1nm,0.1s,SNR=49	6.34	43	P	S	Pn	Sn	15 11 54.5	+0.7	
ESPR	comp=E,16nm,0.1s,SNR=7.9	6.40	92	P	S	Pn	Sn	15 11 57.3	+2.8	
ESPR	comp=E,9.4nm,0.2s,SNR=10	6.40	92	P	S	Pn	Sn	15 13 09.5	+1.8	
ESPR	comp=E,16nm,0.1s,SNR=7.9	6.40	92	P	S	Pn	Sn	15 11 57.3	+2.8	
ESPR	comp=E,9.4nm,0.2s,SNR=10	6.40	92	P	S	Pn	Sn	15 13 09.5	+1.8	
MVO	comp=E,40nm,0.5s	6.52	52	P	S	Pn	Sn	15 11 57.7	+1.5	
MVO	comp=E,42nm,0.3s,SNR=18	6.52	52	P	S	Pn	Sn	15 13 10.1	-0.5	
MVO	comp=E,40nm,0.5s	6.52	52	P	S	Pn	Sn	15 11 57.7	+1.5	
MVO	comp=E,42nm,0.3s,SNR=18	6.52	52	P	S	Pn	Sn	15 13 10.1	-0.5	
EPLA	comp=E,58nm,0.6s,SNR=7.1	6.65	64	P	S	Pn	Sn	15 12 00.5	+2.5	
EPLA	comp=E,58nm,0.6s,SNR=7.1	6.65	64	P	S	Pn	Sn	15 12 00.5	+2.5	
EPLA	comp=E,58nm,0.6s,SNR=7.1	6.65	64	P	S	Pn	Sn	15 12 00.5	+2.5	
EPLA	comp=E,58nm,0.6s,SNR=7.1	6.65	64	P	S	Pn	Sn	15 12 00.5	+2.5	
EPLA	comp=E,20nm,0.2s,SNR=6.4	6.72	61	P	S	Pn	Sn	15 12 01.4	+2.5	
EPLA	comp=E,6.0nm,0.3s,SNR=22	6.72	61	P	S	Pn	Sn	15 13 16.2	+0.7	
EPLA	comp=E,20nm,0.2s,SNR=6.4	6.72	61	P	S	Pn	Sn	15 12 01.4	+2.5	
EPLA	comp=E,6.0nm,0.3s,SNR=22	6.72	61	P	S	Pn	Sn	15 13 16.2	+0.7	
ECAB	comp=E,21nm,0.5s,SNR=16	6.72	61	P	S	Pn	Sn	15 12 01.4	+2.5	
ECAB	comp=E,21nm,0.5s,SNR=16	6.72	61	P	S	Pn	Sn	15 13 16.2	+0.7	
ECAB	comp=E,21nm,0.5s,SNR=16	6.72	61	P	S	Pn	Sn	15 12 01.4	+2.5	
ECAB	comp=E,21nm,0.5s,SNR=16	6.72	61	P	S	Pn	Sn	15 13 16.2	+0.7	
EMAZ	comp=E,29nm,0.3s,SNR=5.8	6.72	32	P	S	Pn	Sn	15 11 58.0	-0.9	
EMAZ	comp=E,12nm,0.4s,SNR=18	6.72	32	P	S	Pn	Sn	15 13 10.4	-5.1	
EMAZ	comp=E,29nm,0.3s,SNR=5.8	6.72	32	P	S	Pn	Sn	15 11 58.0	-0.9	
EMAZ	comp=E,12nm,0.4s,SNR=18	6.72	32	P	S	Pn	Sn	15 13 10.4	-5.1	
LJJA	comp=E,18nm,0.3s,SNR=4.8	6.76	91	P	S	Pn	Sn	15 12		

comp=E,0.3nm,0.5s,baz=243,slow=7.6,SNR=2.9
TORD Torodi Ar. Bea 27.82 146 P P 15 16 11.8 +2.1
 comp=E,0.5nm,0.5s,baz=327,slow=11,SNR=5.3
FINES FINESS Array B 34.57 33 P P 15 17 08.7 +0.1
 comp=E,0.5nm,0.5s,baz=243,slow=7.6,SNR=2.9
ARCAS ARCESS Array B 38.53 21 P P 15 17 44.8 +2.3
 comp=E,2.1nm,0.8s,baz=229,slow=6.9,SNR=2.8

IDC 07 15:17:12.0,28.0,22.37S;173.72W,h0km,mb3.9/4,
mb1.4/1.4,mb1mx3.7/min=2.0,mpb3.9/4, Error ellipse:
s-maj=513.4km s-min=154.5km az=77.0,Tonga Islands
region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
					h m s	ISC
CTA	Charters Tower	37.31	266	P	15 24 27.1	+0.9
STKA	Stephens Creek	40.65	247	P	15 24 53.2	-0.9
ASAR	Alice Springs	48.00	258	P	15 25 52.7	-0.5
WRA	Warrungarra Arr	48.31	263	P	15 25 55.5	-0.1

NNC 07 15:31:26.0,2.4,37.51N;71.52E,h170km,mb2.8,mpv3.9,
Error ellipse: s-maj=22.8km s-min=8.8km az=162.0
ISC 07 15:31:25.8,3.0,37.4N;02.7167E,0.09,h100km,n15,
o1907/20,7C-5D,Afghanistan-Tajikistan border region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
					h m s	ISC
DZET	Dzherino	2.67	304	↑P	15 32 08.1	+0.7
DZET				↓S	15 32 41.0	+1.5
SFK	Sufi-Kurgan	3.02	28	↑P	15 32 13.5	+1.3
SFK				↓S	15 32 50.4	+2.5
AML	Almayashu	5.02	18	P	15 32 39.3	+0.1
MNAS	Manas	5.16	7	↑P	15 32 41.4	+0.5
MNAS				↑S	15 33 39.4	0.0
UCH	Uchort	5.33	23	P	15 32 43.4	-0.2
KZA	Kyzart	5.54	29	P	15 32 44.3	-0.9
EKS2	Erkin-Say	5.46	16	P	15 32 46.2	+0.2
AAK	Ala-Archa	5.70	22	↑P	15 32 48.1	0.0
AAK				↑S	15 33 53.9	+1.5
AAK	Ala-Archa	5.70	22	P	15 32 48.5	+0.3
KK31	Karatay Array	5.81	352	↑P	15 32 49.8	+0.3
KK31				↑S	15 33 53.6	-1.1
CHMS	Chumysh	6.11	22	P	15 32 53.6	0.0
USP	Ospenovka	6.29	19	P	15 32 55.4	-0.6
TKM2	Tokmak 2	6.32	27	↑P	15 32 55.6	-1.0
TKM2				↑S	15 32 56.2	-0.4
AB31	AKbulak array	14.61	328	P	15 34 45.6	-1.4
AB31				↑S	15 37 18.7	-9.4

ISC/JB 07 15:34:42.6,1.5,32.3S;0.1x70.5W;0.1,h97km,15km,
Error ellipse: s-maj=24.7km s-min=7.0km az=139.2
GUC 07 15:34:43.0,3.0,32.28S;70.54W,h94km,8km,ML3.1
ISC 07 15:34:42.9,3.0,32.3S;0.1x70.46W;0.10,h96km,24km,
n11,0540/13,3C,Chile-Argentina border region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
					h m s	ISC
PEL	Peledhue	0.89	192	↑P	15 35 01.9	+0.1
PEL				↑S	15 35 16.0	-0.1
PEL				AML	15 35 16.9	
AUSP	Uspallata	0.91	87	↑P	15 35 02.1	-0.2
AUSP				↑S	15 35 16.1	-0.9
RTLS	Leoncito	1.10	65	↑P	15 35 05.0	+0.6
CLCH	Cerro Calan	1.12	183	↑P	15 35 04.7	+0.2
CLCH				↑S	15 35 20.8	+0.1
CLCH				AML	15 35 23.7	
RCDM	Rinconada Maip	1.25	193	↑P	15 35 06.1	+0.2
RCDM				↑S	15 35 23.5	+0.3
RCDM				AML	15 35 24.6	
ANTU	Antumapu	1.30	186	↑P	15 35 06.6	0.0
ANTU				↑S	15 35 24.8	+0.4
ANTU				AML	15 35 25.1	
ARCO	CERRO ARCO	1.41	114	↑P	15 35 07.8	-0.2
ARCO				↑S	15 35 27.5	+0.5
ARCO				AML	15 35 29.0	
ASAL	Salagasta	1.41	103	↑P	15 35 08.0	+0.1
AAGR	Agrelo	1.60	121	↑P	15 35 10.2	-0.1
AAGR				↑S	15 35 10.2	-0.1
CHCH	Chadas Angostu	1.66	186	↑P	15 35 11.3	+0.3
U73B	San Pedro	1.82	206	↑P	15 35 12.6	-0.5
U73B				↑S	15 35 37.7	+0.3
U73B				AML	15 35 36.0	

DDA 07 15:39:33.2,37.03N;27.62E,h7km,MD2.2,Turkey

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
					h m s	ISC
BDRM	Kayabasi	0.15	284	↑P	15 39 36.7	+0.4
BDRM				↑S	15 39 39.3	+0.8
AYDN	Tasoluk	0.66	18	↑P	15 39 47.1	-0.1
AYDN				↑S	15 39 56.0	-0.7
TURN	Turunc	0.80	101	↑P	15 39 44.1	-4.5
TURN				↑S	15 39 52.7	-6.3

IDC 07 15:41:36.4,0.4,39.48N;73.92E,h0km,mb5.1/42,
mb1.5/249,mb1mx5.2/50,mbmp5.1/49,ML4.1/7,MS4.9/21,
Ms1.4/9/21,ms1mx4.8/33, Error ellipse: s-maj=9.2km
s-min=7.8km az=157.0
NEIC 07 15:41:38.0,0.1,39.45N;73.84E,h10km,mb5.5/138,
MS5.2/192,MSW5.2,MSW5.3, Error ellipse: s-maj=4.1km
s-min=2.9km az=17.0, Moment Tensor Solution, s12
Moment tensor: Scale 10¹⁷Nm; Mv:1.81, Mw:6.46;
Mw:4.65; Mw:1.75; Mw:0.18; Mw:6.63; Best double couple:
M:9.00000x10¹⁶ NP1:0.3050000; 848.00000;
1.62.00000; NP2:0.47.00000; 877.00000; A43.00000;
Principal axes: T 10.1000, Plg39.0000; Azm275.0000;
N -3.1000, Plg45.0000; Azm61.0000; P -7.0000,
Plg17.0000; Azm170.0000; Moment Tensor Solution,
s23 Moment tensor: Scale 10¹⁷ Nm; Mw:0.42; Mw:1.19;
Mw:0.77; Mw:0.12; Mw:0.25; Mw:0.39; Best double
couple: Mo:1.10000x10¹⁷ NP1:0.43.00000; 866.00000;
7.22.00000; NP2:0.303.00000; 870.00000; 1.54.00000;
Principal axes: T 1.0500, Plg32.0000; Azm261.0000;
Nv:0.1700, Plg57.0000; Azm87.0000; P -1.2200,
Plg2.0000; Azm353.0000;
NEIC Felt at Kashi, Felt [V] at Nura, [IV] at Sufi-Kurgan and [II]
at Osh, Kyrgyzstan.
KRNET 07 15:41:37.9,0.1,39.49N;73.97E,mb6.7
GCMT 07 15:41:38.0,0.1,39.58N;73.98E,h21km,MS5.4/91,
Moment Tensor Solution, s70,c108; s91,c176;
Duration: 1s2 Moment tensor: Scale 10¹⁷Nm;
Mv:0.28e+03; Mw:1.75e+03; Mw:1.47e+03; Mw:0.11e+04;
Mw:0.15e+02; Mw:0.16e+05; Best double couple:
Mv:1.63000x10¹⁷ NP1:0.43.00000; 887.00000;
7.7.00000; NP2:0.312.00000; 863.00000; 1.177.00000;

Principal axes: T 1.4960, Plg7.0000; Azm268.0000; N
0.2730, Plg82.0000; Azm62.0000; P -1.7640, Plg3.0000;
Azm177.0000; inst: refers to body waves, cutoff=5.00s.
inst2: refers to surface waves, cutoff=50s.
NNC 07 15:41:38.9,0.9,39.59N;73.80E,h0km,mb6.1,mpv5.9
Error ellipse: s-maj=8.8km s-min=4.9km az=54.0
ISC/JB 07 15:41:38.3,0.5,39.43N;0.1x73.86E;0.01,h22km,3km,
mb5.4/306,MS5.1/241, Error ellipse: s-maj=2.3km
s-min=1.8km az=24.2
BJI 07 15:41:39.3,39.51N;73.90E,h30km,mb5.2/68,mb5.4/50,
ML5.7/6,MS5.5/81,MS7.5/371
MOS 07 15:41:39.0,0.1,39.46N;73.85E,h27km,mb5.6/68,
MS5.1/63, Error ellipse: s-maj=5.1km s-min=3.5km
az=119.3
MOS Felt (IV-V) at Nura; [V] at Sufi-Kurgan; [II] at Osh.
SZGRF 07 15:41:43.3,39.94N;73.69E,h33km,mb5.4,
Tajikistan-Xinjiang border region
ISC 07 15:41:41.6,0.3,39.50N;0.02x73.77E;0.02,h32km,1km,
h32km;P-P,1088,01859/1127,mb5.5/326,MS5.2/242,
101C-51D,Tajikistan-Xinjiang border region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
					h m s	ISC
SFK	Sufi-Kurgan	0.55	338	↑P	15 41 47.8	-5.4
SFK				↓S	15 41 55.5	-5.5
SFK	Sufi-Kurgan	0.55	338	PG	15 41 47.7	-5.4
KSH	Kashi	1.71	89	↑P	15 42 02.4	-6.8
KSH				Sg	15 42 19.1	-1.1
KSH				SMN		
KSH				SME		
BTK	Batken	2.34	285	↑P	15 42 21.9	-1.3
ARLS	Aral	2.40	10	↑P	15 42 19.9	+1.1
NRN	Naryn	2.57	41	eP	15 42 21.4	0.0
NRN				eS	15 42 55.3	+3.6
AML	Almayashu	2.63	359	P	15 42 22.7	+0.5
ARK	Arkit	2.67	330	eP	15 42 23.9	+1.3
ARK				eS	15 43 00.7	-0.6
UCH	Uchort	2.78	11	P	15 42 25.1	+0.7
UCH	Kyzart	2.81	23	P	15 42 24.9	+0.2
MNAS	Manas	3.13	343	↑P	15 42 30.1	+1.2
MNAS				↑P	15 42 34.5	-2.2
MNAS				↓S	15 43 14.2	
MNAS	Manas	3.13	343	PN	15 42 30.0	+1.2
MNAS				pmx	15 43 15.7	
MNAS				smx		
EKS2	Erkin-Say	3.16	0	ePN	15 42 30.4	+1.2
EKS2	Erkin-Say	3.16	0	eP	15 42 30.4	+1.2
EKS2	Erkin-Say	3.16	0	eP	15 42 30.2	+0.9
EKS	Erkin-Say	3.17	0	iP	15 42 31.1	+1.8
EKS				eS	15 43 09.5	+3.5
AAK	Ala-Archa	3.18	10	↑P	15 42 30.9	+1.4
AAK				↓S	15 43 09.4	+3.0
AAK	Ala-Archa	3.18	10	PN	15 42 30.9	+1.4
AAK				Sn	15 43 11.5	-4.3
AAK	Ala-Archa	3.18	10	PN	15 42 30.6	+1.1
AAK				↑P	15 42 31.7	+2.2
AAK	Ala-Archa	3.18	10	PN	15 42 30.9	+1.4
AAK				↑P	15 42 30.9	+1.4
AAK	Ala-Archa	3.18	10	P	15 42 30.9	+1.4
AAK				↑S	15 42 32.1	+1.2
ULHL	Ulhal	3.32	34	P	15 42 32.1	+0.5
FRU	Bishkek	3.39	11	iPN	15 42 34.0	+1.7
FRU				i	15 42 41.0	
FRU				i	15 43 23.5	
FRU				pmx	15 42 30.9	+1.4
FRU				pmx	15 42 30.9	+1.4
FRU				smx	15 42 30.9	+1.4
FRU				smx	15 42 30.9	+1.4
FRU				MLR	15 42 34.0	+1.7
FRU	Bishkek	3.39	11	eP	15 42 34.0	+1.7
FRU				eS	15 43 23.5	+1.7
CHMS	Chumysh	3.57	12	P	15 42 35.9	+1.1
TKM2	Tokmak 2	3.69	21	↑P	15 42 37.5	+1.0
TKM2				↑S	15 43 31.1	
TKM2				AML	15 43 31.1	
TKM2	Tokmak 2	3.69	21	PN	15 42 37.5	+1.0
TKM2				pmx	15 43 35.0	
TKM2				smx		
TKM2				smx		
TKM2	Tokmak 2	3.69	21	ePN	15 42 37.3	+0.7
TKM2	Tokmak 2	3.69	21	P	15 42 37.4	+0.9
USP	Ospenovka	3.80	8	P	15 42 38.9	+0.9
DZET	Dzherino	3.90	261	↑P	15 42 46.6	+3.2
DZET				↑P	15 42 52.0	+2.2
DZET				↓S	15 43 47.7	
DZET				↓S	15 43 47.3	
DZET				PN	15 42 43.3	+3.9
DZET				pmx	15 43 48.7	
DZET				smx		
DZET				smx		
KK31	Karatay Array	4.36	327	PN	15 42 47.0	+1.4
KK31						

Table with columns for flight codes (e.g., MOS, CMAI, OBN), destinations (e.g., Moscow, Chiangmai, Obninsk), times, and status indicators (e.g., eP, P, S).

Table with columns for flight codes (e.g., SZAC, AKASO, AK11), destinations (e.g., Souni-Zanaja, Malin Array Be, Malin Array Si), times, and status indicators (e.g., P, P, P).

Table with columns for flight codes (e.g., LVV, RDO, FINES), destinations (e.g., Moscow, Obninsk, Suwalki), times, and status indicators (e.g., eSS, MLR, P).

7d 15h

Table with columns for station name, frequency, power, and other technical details. Includes stations like PAIG Belsk, BZS Buzias, NIE Niedzica, etc.

2010 SEP

Table with columns for station name, frequency, power, and other technical details. Includes stations like YAK, DSI Palaion Diesel, MORC Moravsky Berou, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like KOGS Kog, KRSR Korea Array, PVCC Panska Ves, etc.

SDNR Sundarnagar	8.44 161	eP	Pn	15 51 17.0	+1.4
SDNR OTUK	8.76 354	eS	Sn	15 52 52.0	+1.0
OTUK	comp=N,215nm,1.3s	ifSn	Sn	15 52 59.7	+1.0
OTUK	comp=N,116nm,1.1s	ifLg	Lg	15 53 45.9	
SMLA Simla	8.84 161	eP	Sn	15 51 21.8	+0.7
SMLA	comp=E,476nm,0.5s	AML	AML	15 53 06.7	-2.6
SMLA	comp=N,426nm,0.7s	AML	AML	15 53 06.9	
MKAR	9.55 38	Pn	Pn	15 51 33.7	+2.8
MKAR	comp=N,0.6nm,0.3s,baz=222,slow=16,SNR=2.4	Lg	Lg	15 54 14.6	
DDI Dehra Dun	9.85 158	eP	Pn	15 51 34.7	+0.3
DDI	comp=E,313nm,0.1s	AML	AML	15 53 27.4	-4.9
DDI	comp=N,461nm,0.6s	AML	AML	15 53 28.7	
KURBB Kurchatov Arra	11.58 15	Lg	Lg	15 55 16.6	
GEYT Alibek	12.32 267	Pn	Pn	15 52 07.3	-1.5
GEYT	comp=N,3.8nm,0.3s,baz=101,slow=8.5,SNR=9.6	Sn	Sn	15 54 24.9	-1.3
BVAR Borovoye Array	13.68 351	Pn	Pn	15 52 25.0	-2.3
BVAR	comp=N,0.8nm,0.3s,baz=145,slow=13,SNR=5.9	Pn	Pn	15 52 29.9	+2.1
AB31 Akbulak array	13.83 319	ifPn	Pn	15 52 27.6	-1.7
AB31	comp=N,9.1nm,0.9s,baz=127,slow=14,SNR=42	ifSn	Sn	15 54 49.2	-1.4
AKBAR Akbulak array	13.83 319	eP	Pn	15 52 27.9	-1.3
AKTO Aktyubinsk	15.54 320	ifPn	Pn	15 52 52.7	+0.3
AKTO	comp=N,189nm,2.4s	ifSn	Sn	15 55 36.3	-8.2
AKTO Aktyubinsk	15.54 320	Pn	Pn	15 52 51.4	-0.9
ZALV Zalesovo Beam	16.25 24	Pn	Pn	15 53 00.8	-0.7
ZALV	comp=N,1.2nm,0.3s,baz=219,slow=10,SNR=4.4	LR	LR	16 00 08.3	
ZALV Zalesovo Beam	16.25 24	eP	Pn	15 53 02.3	+0.8
ZALV	comp=N,1.15nm,19.4s,baz=252,slow=40	pmx	pmx		
HVS Khovu-Aksy	18.12 44	eP	P	15 53 26.6	+1.2
HVS	comp=N,2.10nm,0.3s	pmx	pmx		
BOK Bokaro	18.76 143	eP	Pn	15 53 36.1	+3.2
BOK	comp=N,2.88nm,1.6s	AMB	AMB	15 53 48.6	
BANOM Banah	19.96 232	iP	P	15 53 46.7	+1.1
BANOM	SNR=7.5				
HASHO Hatta, Dubai	20.87 231	ifP	P	15 53 56.2	+0.7
ASHTO Ashiyah	21.02 230	ifP	P	15 53 57.6	+0.5
ASHTO	SNR=11				
FAQ Al Faqa, Dubai	21.25 231	ifP	P	15 53 58.9	+0.2
ASUD Al Ashush, Dub	21.50 232	ifP	P	15 54 03.2	+0.9
KIV Kislovodsk	23.52 91	pmx	pmx	15 54 25.4	+1.9
LZH Lanzhou	23.96 89	eP	P	15 54 22.5	-5.4
LZH	comp=N,2.67nm,1.1s	pP	pP	15 54 34.0	+3.1
LZH		sp	sp	15 54 37.5	+5.3
LZH		PMZ	PMZ	15 54 57.0	+0.8
LZH	comp=N,2.25nm,1.1s	LE	LE		
LZH	comp=N,2.470nm,10.0s	LZ	LZ		
TLY Talaya	23.99 50	eP	P	15 54 27.9	0.0
TLY	comp=N,2.770nm,13.7s	pmx	pmx		
SONM Songoing Array	24.86 60	eP	P	15 54 36.1	0.0
SONM	comp=N,2.7,0nm,0.8s	pmx	pmx		
SONM Songoing Array	24.86 60	eP	P	15 54 35.2	-0.8
SONM	comp=N,1.6nm,0.9s	pmx	pmx		
ULN Ulanbataar	25.31 60	eP	P	15 54 39.0	-1.1
ULN	comp=N,2.16nm,0.9s	P	P	15 54 39.0	-1.1
HHC Hu-ho-hao-te	28.76 75	eP	Pn	15 55 12.4	+1.2
HHC		PP	PP	15 56 07.2	+5.6
HHC		SS	SS	15 59 54.0	+6.6
HHC		PMZ	PMZ	16 01 24.0	+2.6
HHC	comp=N,1.5nm,0.9s	LZ	LZ		
OBN Obninsk	29.20 315	eP	P	15 55 15.3	+0.6
OBN	comp=N,2.1um,14.8s	eS	S	15 56 05.9	
OBN		pmx	pmx	15 59 59.7	-7.2
OBN	comp=N,2.39nm,1.1s	MLR	MLR		
OBN	comp=N,2.620nm,15.0s	P	P	15 55 22.4	-2.0
CMAR Chiang Mai Arr	30.26 127	P	P	15 55 29.3	+0.8
BRTR Keskin Array B	30.72 283	P	P	15 55 33.3	+4.8
BRTR Keskin Array B	30.72 283	eP	P	15 55 33.3	+4.8
BRTR	comp=N,2.8,0nm,0.9s	pmx	pmx		
AKASG Malin Array B	32.87 305	P	P	15 55 46.5	-0.7
AKASG	comp=N,2.1,2nm,0.4s,baz=79,slow=7.5,SNR=4.1				
HIA Hailar	33.79 58	eP	P	15 55 53.3	-1.9
CFR Caracul	33.82 295	ifP	P	15 55 55.3	-0.2
CFR	comp=N,2.1,2nm,0.4s,baz=91,slow=6.4,SNR=7.6	ifP	P	15 55 58.2	+0.2
TIA Tai'an	34.85 92	ifP	P	15 55 57.7	+0.3
TIA	comp=N,3.30nm,0.7s	PMZ	PMZ		
VRI Vrcincoia	34.73 296	ifP	P	15 56 13.1	+1.0
VRI	comp=N,2.1,2nm,0.4s,baz=91,slow=6.4,SNR=7.6	ifP	P	15 56 13.1	+1.0
PLOR Plostina	34.78 296	ifP	P	15 56 01.8	-2.1
MLR Muntele Rosu	35.32 296	ifP	P	15 56 10.9	+2.3
MLR	comp=N,2.1,2nm,0.4s,baz=91,slow=6.4,SNR=7.6	ifP	P	15 56 11.2	+0.4
BURAR Bucovina Array	35.58 299	ifP	P	15 56 12.7	+1.4
BURAR	comp=N,2.1,2nm,0.4s,baz=91,slow=6.4,SNR=7.6	ifP	P	15 56 12.7	+1.4
DOPR Dopca	35.95 296	ifP	P	15 56 15.3	+1.3
VOIR	comp=N,2.1,2nm,0.4s,baz=91,slow=6.4,SNR=7.6	ifP	P	15 56 15.3	+1.3
FINES FINES Array B	36.27 323	P	P	15 56 16.4	+0.1
SMTH Samotrakid Is	36.98 287	eP	P	15 56 20.3	+0.9
TRPA Tarpa	37.32 301	ifP	P	15 56 33.4	+7.9
DRGR	comp=N,2.1,2nm,0.4s,baz=91,slow=6.4,SNR=7.6	ifP	P	15 56 24.2	-1.9
DRGR	comp=N,2.1,2nm,0.4s,baz=91,slow=6.4,SNR=7.6	ifP	P	15 56 24.2	-1.9
GZR Gura Zlata	37.34 296	ifP	P	15 56 28.2	+0.7
GZR	comp=N,2.1,2nm,0.4s,baz=91,slow=6.4,SNR=7.6	ifP	P	15 56 28.2	+0.7
APE Apeiranthos	37.57 282	eP	P	15 56 23.6	-4.2
SRS Serrai	37.85 289	eP	P	15 56 31.2	+1.1
STHS Stebnicka Huta	38.05 303	eP	P	15 56 32.1	+0.4
STHS	comp=N,2.1,2nm,0.4s,baz=91,slow=6.4,SNR=7.6	eP	P	15 56 32.1	+0.4
ISG Polygros	38.15 288	eP	P	15 56 33.0	+0.3
LAST Last'nyy	38.27 289	eP	P	15 56 32.6	+1.2
KNT Kendrickon	38.34 289	eP	P	15 56 34.9	+0.6
XOR XORichti	38.62 286	eP	P	15 56 37.6	+1.0
IDI Anoyia	38.67 280	eP	P	15 56 36.4	-0.7
LKR Lokris	38.98 285	eP	P	15 56 32.9	-6.7
VAM Vamos	39.15 280	eP	P	15 56 42.4	+1.3
ARCES ARCES Array B	39.23 335	P	P	15 56 40.0	-1.2
ARCES	comp=N,2.6,0nm,0.4s	pmx	pmx	15 56 41.3	0.0
ARCES	comp=N,2.6,0nm,0.4s	pmx	pmx		
AGG Agios Georgios	39.36 286	eP	P	15 56 44.3	+1.5
DSF Desfina	39.40 285	eP	P	15 56 40.6	-2.6
THL Thlokotos Trika	39.43 287	eP	P	15 56 41.1	-2.3
MAKR Makrakomi, Fth	39.51 286	eP	P	15 56 44.7	+0.6
FNA Florina	39.56 289	eP	P	15 56 44.3	+0.2
GUR Goura	39.69 285	eP	P	15 56 44.8	-0.9
KALE Kalithea	39.70 285	eP	P	15 56 45.0	-0.7
KYTH Kithira	39.72 282	eP	P	15 56 45.9	0.0
DIVS Divlbar	39.73 295	ifP	P	15 56 47.0	+1.0
EVR Evrytania	39.78 286	eP	P	15 56 46.2	-0.2

KLV Kalavryta, Ach	39.80 285	eP	P	15 56 46.4	-0.2
EFP Epialo	39.86 285	eP	P	15 56 46.0	-1.0
LAKA Lakka	39.87 285	eP	P	15 56 47.3	+0.2
NEST Nestos	39.90 289	eP	P	15 56 47.7	+0.3
YAK Yakutsk	40.23 37	eP	P	15 56 48.5	-1.2
YAK Yakutsk	40.23 37	eP	P	15 56 48.5	-1.2
PKSM Moragy	40.24 288	ifP	P	15 56 50.2	+0.2
PKSM Moragy	40.24 288	ifP	P	15 56 50.2	+0.2
DSL Palaion Diasel	40.24 287	eP	P	15 56 50.3	+0.1
ITM Ithomi	40.25 284	eP	P	15 56 49.3	-1.0
PLS Filios of Patr	40.31 285	eP	P	15 56 49.1	-1.6
PRODOS Prodros	40.31 285	eP	P	15 56 49.1	-1.6
PYL PYLOS	40.49 283	eP	P	15 56 50.9	-1.3
IGT Igoumenitsa	40.68 288	eP	P	15 56 53.3	-0.5
SGD Sagiada	40.73 288	eP	P	15 56 53.5	-0.7
DPC Dobruska-Polom	41.10 305	eP	P	15 56 57.6	+0.4
DPC	comp=N,2.1nm,0.3s,baz=230,slow=22,SNR=4.0	ex	x	15 57 00.2	-1.4
DPC	comp=N,2.1nm,0.3s,baz=230,slow=22,SNR=4.0	ex	x	15 57 00.7	+0.4
UPC Upice	41.28 305	eP	P	15 56 58.8	+0.2
UPC	comp=N,2.1nm,0.3s,baz=230,slow=22,SNR=4.0	eP	P	15 56 58.8	+0.2
KSAR Katsuj Array Be	41.88 75	P	P	15 57 02.2	-1.4
KSAR	comp=N,2.1nm,0.3s,baz=230,slow=22,SNR=4.0	P	P	15 57 02.2	-1.4
KSRS Korea Array	41.91 75	P	P	15 57 02.2	-1.6
KSRS	comp=N,2.1nm,0.3s,baz=230,slow=22,SNR=4.0	P	P	15 57 02.2	-1.6
KSRS Korea Array	41.91 75	eP	P	15 57 05.0	+1.2
KSRS	comp=N,2.4,0nm,0.9s	pmx	pmx		
GERES Geres Array B	43.03 303	P	P	15 57 13.8	+0.8
GERES	comp=N,2.7,5nm,0.8s,baz=65,slow=7.9,SNR=11	P	P	15 57 13.8	+0.8
GERES	comp=N,2.7,5nm,0.8s,baz=65,slow=7.9,SNR=11	pmx	pmx		
CLL Collim	43.05 307	eP	P	15 57 13.0	0.0
CLL	comp=N,2.8,0nm,1.0s	pmx	pmx		
CLL	comp=N,2.8,0nm,1.0s	eS	sP	15 57 17.0	-0.3
CLL	comp=N,2.8,0nm,1.0s	ePP	PP	15 58 55.0	+2.3
KHC Kasperske Hory	43.06 303	eP	P	15 57 13.6	+0.5
KHC	comp=N,2.8,0nm,1.0s	eP	P	15 57 13.6	+0.5
KHC	comp=N,2.8,0nm,1.0s	eP	P	15 57 16.7	+0.5
KHC	comp=N,2.8,0nm,1.0s	ex	x	15 57 23.3	
NB2 NORSAR Subarra	43.33 321	P	P	15 57 14.4	-0.7
NOA NORSAR Array B	43.33 321	P	P	15 57 14.7	-0.4
NOA	comp=N,2.1nm,0.7s,baz=101,slow=7.2,SNR=10.0	P	P	15 57 19.6	+0.1
GSI Gunungsitoli	43.82 144	eP	P	15 57 30.0	+1.2
SPITS Spitsbergen Ar	45.06 346	P	P	15 57 30.0	+1.2
SPITS	comp=N,2.1nm,0.6s,baz=123,slow=9.0,SNR=7.5	P	P	15 57 30.0	+1.2
DAVA Damsel	45.87 302	ifP	P	15 57 35.7	-0.1
DAVA	comp=N,2.8,2nm,0.6s	P	P	15 57 35.7	-0.1
DAVOS Davos Dischmat	46.01 301	P	P	15 57 36.3	-0.6
MAJO Matsushiro	49.87 72	P	P	15 58 06.6	-0.2
MAJO	comp=N,2.6,3nm,0.5s,baz=111,slow=5.8,SNR=12	pmx	pmx		
MAJO	comp=N,2.6,3nm,0.5s,baz=111,slow=5.8,SNR=12	P	P	15 58 06.6	-0.2
MAJO	comp=N,2.6,3nm,0.5s,baz=111,slow=5.8,SNR=12	P	P	15 58 06.6	-0.2
MAT Matsushiro	49.87 72	P	P	15 58 06.4	-0.4
MJAR Matsushiro Arr	49.87 72	P	P	15 58 04.7	-2.1
MJAR	comp=N,2.6,0nm,0.9s,baz=290,slow=9.7,SNR=16	P	P	15 58 07.5	+0.5
MJAO Matsu Arr-Jizo	49.90 72	pmx	pmx		
MJAO	comp=N,2.6,0nm,0.9s	P	P	15 58 08.5	-0.7
KEST Kesra	50.18 287	P	P	15 58 25.9	-0.9
KEST	comp=N,2.3,4nm,0.8s,baz=27,slow=5.5,SNR=2.4	P	P	15 58 25.9	-0.9
KMBO Kilima Mbogo	52.48 229	P	P	15 58 54.2	+0.5
PETK Petropavlovsk	56.28 46	P	P	15 59 05.4	-0.7
PETK	comp=N,2.1,5nm,0.6s,baz=258,slow=5.3,SNR=3.3	P	P	15 59 05.4	-0.7
ESDD Souda Array	57.92 287	P	P	15 59 12.4	+0.1
ESDD	comp=N,2.1,7nm,0.7s,baz=65,slow=6.7,SNR=4.5	P	P	15 59 12.4	+0.1
SUMG Summit	58.90 341	eP	P	15 59 12.4	+0.1
SUMG	comp=N,2.1,7nm,0.7s,baz=65,slow=6.7,SNR=4.5	eP	P	15 59 12.4	+0.1
TOAO Torodi Arr. Sit	67.96 269	eP	P	16 00 11.6	-1.1
TORD Torodi Arr. Bea	67.96 269	eP	P	16 00 11.6	-1.1
ILAR Eielson Array	71.25 17	P	P	16 00 30.1	-2.2
ILAR	comp=N,2.3,6nm,0.8s,baz=322,slow=3.9,SNR=14	P	P	16 00 32.1	-0.1
ILAR	comp=N,2.3,6nm,0.8s,baz=322,slow=3.9,SNR=14	pmx	pmx		
ILAR	comp=N,2.4,0nm,0.7s	P	P	16 00 43.5	-1.7
SML Sawmill	73.41 19	eP	P	16 00 43.5	-1.7
SML	comp=N,2.3,0nm,0.8s	pmx	pmx		
SML	comp=N,2.3,0nm,0.8s	P	P	16 01 06.0	-0.6
DBIC Dimbokro	77.01 268	P	P	16 01 06.7	-0.6
DBIC	comp=N,2.12nm,0.8s,baz=288				

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Takapari Road, The Paps, Pukeiti, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NNC 07, ISCB, KRNET, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JMA 07, Honshu, Kuroka, etc.

BUI 07 16:13:30.6, 15:50S:178.74W, h6km, mb5.4/65, mB6.1/64, Ms6.2/82, Ms7.6/073

ISCJB 07 16:13:31.4, 0.1, 15.99S:0.03:179.21W:0.02, h12km, mb5.0/265, MS6.0/217, Error ellipse: s-maj=4.3km

IDC 07 16:13:31.0, 0.4, 15.92S:179.50W, h0km, mb5.1/28, mb1.5/30, mb1mx15.1/32, mbmp5.1/30, ML3.1/1, MS5.9/30

AUST 07 16:13:31.0, 0.5, 15.76S:179.34W, h0km, Error ellipse: s-maj=11.6km s-min=9.1km az=2.0

GCMT 07 16:13:32.0, 0.1, 15.78S:179.30W, h14km, MW6.3/134, Moment Tensor Solution. s125,c282; s134,c514

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

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

BGU	comp=Z,5um,21.0s	83.27	44	eP	P	16 26 00.4	+0.5
KHON	Big Grassy Mou comp=Z,1.52nm,2.1s	83.32	289	P	P	16 26 03.7	+3.2
KHON	Khomkaen	83.32	289	P	P	16 26 03.7	+3.2
GYA	comp=Z,1.9nm,1.2s,comp=Z,706nm	83.36	312	eP	S	16 36 27.4	+6.2
TIY	Taiyuan	83.36	312	eP	S	16 36 27.4	+6.2
TIY	comp=Z,1um,7.7s			PMZ			
TIY	comp=Z,2um,13.1s			LN			
TIY	comp=Z,3um,18.5s			LE			
TIY	comp=Z,6um,17.5s			LZ			
GYA	Guyang	83.39	300	iP	P	16 26 01.1	+0.3
GYA				PP	PP	16 29 14.0	+1.0
GYA				SKS	SKS	16 36 18.8	-3.2
GYA				SS	SS	16 36 22.6	-0.6
GYA				PMZ	PMZ	16 41 48.2	+0.4
GYA	comp=Z,30nm,1.1s			PMZ			
GYA	comp=Z,180nm,6.2s			LN			
GYA	comp=Z,9um,22.7s			LE			
GYA	comp=Z,10um,23.0s			LZ			
NLU	comp=Z,9um,22.4s	83.48	45	eP	P	16 26 02.6	+1.5
NLU	North Lily Min	83.48	45	eP	P	16 26 02.6	+1.5
121A	Cookes Peak, 2.1s	83.48	54	P	P	16 26 00.7	-0.5
121A	Cookes Peak, 2.1s	83.48	54	P	P	16 26 00.7	-0.5
121A	Cookes Peak, 1.4s	83.48	54	eP	P	16 26 01.5	+0.3
TSI	Tuntingan	83.50	275	P	P	16 26 03.7	+2.2
NONG	Nongkai	83.58	291	P	P	16 26 00.9	-0.9
NONG	Nongkai	83.58	291	P	P	16 26 00.9	-0.9
HLID	Hailey	83.61	41	P	P	16 26 01.9	+0.2
HLID	Hailey	83.61	41	eP	P	16 26 01.9	+0.2
HLID	Hailey	83.61	41	eP	P	16 26 00.0	-1.6
HLID	Hailey	83.61	41	eP	P	16 26 00.0	-1.6
HLID	Hailey	83.61	41	eP	P	16 26 00.0	-1.6
TRIT	Trang	83.66	280	P	P	16 26 05.3	+3.0
TRIT	Trang	83.66	280	P	P	16 26 05.3	+3.0
TMUT	Trail Mountain	83.78	46	eP	P	16 26 00.5	-2.3
TMUT	Trail Mountain	83.78	46	eP	P	16 26 00.5	-2.3
DOT	Dot Lake	83.81	15	eP	P	16 26 00.3	-1.7
DOT	Dot Lake	83.81	15	eP	P	16 26 00.3	-1.7
HVU	Hansel Valley	83.84	44	eP	P	16 26 01.6	-1.2
HVU	Hansel Valley	83.84	44	eP	P	16 26 01.6	-1.2
HVU	Hansel Valley	83.84	44	eP	P	16 26 01.6	-1.2
HVU	Hansel Valley	83.84	44	eP	P	16 26 01.6	-1.2
HVU	Hansel Valley	83.84	44	eP	P	16 26 01.6	-1.2
SPUT	South Promonto	83.84	44	eP	P	16 26 03.5	+0.6
SPUT	South Promonto	83.84	44	eP	P	16 26 03.5	+0.6
SPUT	South Promonto	83.84	44	eP	P	16 26 03.5	+0.6
SPUT	South Promonto	83.84	44	eP	P	16 26 03.5	+0.6
SPUT	South Promonto	83.84	44	eP	P	16 26 03.5	+0.6
GSI	Gunungsitoli	83.84	273	P	P	16 26 03.3	0.0
GSI	Gunungsitoli	83.84	273	P	P	16 26 03.3	0.0
GSI	Gunungsitoli	83.84	273	P	P	16 26 01.7	-1.6
GSI	Gunungsitoli	83.84	273	P	P	16 26 01.1	-2.1
GSI	Gunungsitoli	83.84	273	eP	P	16 26 01.1	-2.1
CHAI	Chaiyaphum	83.95	288	P	P	16 26 04.2	+0.5
CHAI	Chaiyaphum	83.95	288	P	P	16 26 04.2	+0.5
SRIT	Nakonsritamara	83.97	281	P	P	16 26 07.0	+3.1
SRIT	Nakonsritamara	83.97	281	P	P	16 26 07.0	+3.1
SLVN	Son La	83.98	294	eP	P	16 26 03.1	-0.8
SLVN	Son La	83.98	294	eP	P	16 26 03.1	-0.8
COLA	College	83.98	13	dIP	P	16 26 02.0	-0.7
COLA	College	83.98	13	dIP	P	16 26 02.0	-0.7
COLA	College	83.98	13	dIP	P	16 26 01.6	-1.2
COLA	College	83.98	13	dIP	P	16 26 01.6	-1.2
COLA	College	83.98	13	dIP	P	16 26 01.6	-1.2
CTU	Camp Tracy	84.03	45	eP	P	16 26 03.0	-0.9
CTU	Camp Tracy	84.03	45	eP	P	16 26 03.0	-0.9
PATY	Pataya	84.06	285	P	P	16 26 07.9	+3.6
PATY	Pataya	84.06	285	P	P	16 26 07.9	+3.6
NAYO	Nakonayok	84.07	287	P	P	16 26 05.5	+1.2
NAYO	Nakonayok	84.07	287	P	P	16 26 05.5	+1.2
ILAR	Eielsen Array	84.10	13	P	P	16 26 00.8	-2.6
ILAR	Eielsen Array	84.10	13	P	P	16 26 00.8	-2.6
ILAR	Eielsen Array	84.10	13	P	P	16 52 23.9	+4.4
ILAR	Eielsen Array	84.10	13	P	P	16 52 23.9	+4.4
ILAR	Eielsen Array	84.10	13	P	P	16 52 23.9	+4.4
ILAR	Eielsen Array	84.10	13	P	P	16 52 23.9	+4.4
ILAR	Eielsen Array	84.10	13	P	P	16 52 23.9	+4.4
SURA	Surathani	84.11	281	P	P	16 26 08.4	+3.8
SURA	Surathani	84.11	281	P	P	16 26 08.4	+3.8
SRU	San Rafael	84.18	47	eP	P	16 26 01.7	-3.0
SRU	San Rafael	84.18	47	eP	P	16 26 01.7	-3.0
SRU	San Rafael	84.18	47	eP	P	16 26 01.7	-3.0
SRU	San Rafael	84.18	47	eP	P	16 26 01.7	-3.0
SRU	San Rafael	84.18	47	eP	P	16 26 01.7	-3.0
KCSI	Kotacane, Aceh	84.27	275	P	P	16 26 06.9	+1.4
KCSI	Kotacane, Aceh	84.27	275	P	P	16 26 06.9	+1.4
DLBC	Dease Lake	84.28	24	eP	P	16 26 04.2	-0.4
DLBC	Dease Lake	84.28	24	eP	P	16 26 04.2	-0.4
HIA	Hailar	84.29	325	eP	P	16 26 05.5	+0.7
HIA	Hailar	84.29	325	eP	P	16 26 05.5	+0.7
HIA	Hailar	84.29	325	eP	P	16 26 05.5	+0.7
HIA	Hailar	84.29	325	eP	P	16 26 05.5	+0.7
HIA	Hailar	84.29	325	eP	P	16 26 05.5	+0.7
NEW	Newport	84.33	36	eP	P	16 26 05.1	+0.1
NEW	Newport	84.33	36	eP	P	16 26 05.1	+0.1
NEW	Newport	84.33	36	eP	P	16 26 05.1	+0.1
NEW	Newport	84.33	36	eP	P	16 26 05.1	+0.1
NEW	Newport	84.33	36	eP	P	16 26 05.1	+0.1
BILL	Bilbino	84.36	355	eP	P	16 26 03.7	-1.0
BILL	Bilbino	84.36	355	eP	P	16 26 03.7	-1.0
BILL	Bilbino	84.36	355	eP	P	16 26 10.0	+5.3
BILL	Bilbino	84.36	355	eP	P	16 26 10.0	+5.3
BILL	Bilbino	84.36	355	eP	P	16 26 10.0	+5.3
XAN	Xi'an	84.44	308	P	P	16 26 04.1	-1.8
XAN	Xi'an	84.44	308	P	P	16 26 10.9	-1.7
XAN	Xi'an	84.44	308	P	P	16 29 26.3	+4.9
XAN	Xi'an	84.44	308	P	P	16 36 23.5	+6.1
XAN	Xi'an	84.44	308	P	P	16 36 37.6	+2.5
XAN	Xi'an	84.44	308	P	P	16 42 00.8	-2.2
XAN	Xi'an	84.44	308	P	P	16 26 04.1	-1.8
XAN	Xi'an	84.44	308	P	P	16 26 10.9	-1.7
XAN	Xi'an	84.44	308	P	P	16 29 26.3	+4.9
XAN	Xi'an	84.44	308	P	P	16 36 23.5	+6.1
XAN	Xi'an	84.44	308	P	P	16 36 37.6	+2.5
XAN	Xi'an	84.44	308	P	P	16 42 00.8	-2.2
XAN	Xi'an	84.44	308	P	P	16 26 04.1	-1.8
XAN	Xi'an	84.44	308	P	P	16 26 10.9	-1.7
XAN	Xi'an	84.44	308	P	P	16 29 26.3	+4.9
XAN	Xi'an	84.44	308	P	P	16 36 23.5	+6.1
XAN	Xi'an	84.44	308	P	P	16 36 37.6	+2.5
XAN	Xi'an	84.44	308	P	P	16 42 00.8	-2.2
XAN	Xi'an	84.44	308	P	P	16 26 04.1	-1.8
XAN	Xi'an	84.44	308	P	P	16 26 10.9	-1.7
XAN	Xi'an	84.44	308	P	P	16 29 26.3	+4.9
XAN	Xi'an	84.44	308	P	P	16 36 23.5	+6.1
XAN	Xi'an	84.44	308	P	P	16 36 37.6	+2.5
XAN	Xi'an	84.44	308	P	P	16 42 00.8	-2.2

MCMT	McKenzie Canyo	85.20	41	eP	P	16 26 08.6	-1.2
MCMT	McKenzie Canyo	85.20	41	eP	P	16 26 08.6	-1.2
HHC	Hu-ho-hao-te	85.33	315	eP	P	16 26 11.6	+1.3
HHC	Hu-ho-hao-te	85.33	315	eP	P	16 29 34.1	+5.6
HHC	Hu-ho-hao-te	85.33	315	eP	P	16 36 31.9	-8.9
HHC	Hu-ho-hao-te	85.33	315	eP	P	16 36 44.2	+2.6
HHC	Hu-ho-hao-te	85.33	315	eP	P	16 36 56.4	+5.5
HHC	Hu-ho-hao-te	85.33	315	eP	P	16 42 15.1	-0.8
HHC	Hu-ho-hao-te	85.33	315	eP	P	16 26 11.6	+1.3
HHC	Hu-ho-hao-te	85.33	315	eP	P	16 29 34.1	+5.6
HHC	Hu-ho-hao-te	85.33	315	eP	P	16 36 31.9	-8.9
HHC	Hu-ho-hao-te	85.33	315	eP	P	16 36 44.2	+2.6
HHC	Hu-ho-hao-te	85.33	315	eP	P	16 36 56.4	+5.5
HHC	Hu-ho-hao-te	85.33	315	eP	P	16 42 15.1	-0.8
HHC	Hu-ho-hao-te	85.33	315	eP	P	16 26 11.6	+1.3
HHC	Hu-ho-hao-te	85.33	315	eP	P	16 29 34.1	+5.6
HHC	Hu-ho-hao-te	85.33	315	eP	P	16 36 31.9	-8.9
HHC	Hu-ho-hao-te	85.33	315	eP	P	16 36 44.2	+2.6
HHC	Hu-ho-hao-te	85.33	315	eP	P	16 36 56.4	+5.5
HHC	Hu-ho-hao-te	85.33	315	eP	P	16 42 15.1	-0.8
HHC	Hu-ho-hao-te	85.33	315	eP	P	16 26 11.6	+1.3
HHC	Hu-ho-hao-te	85.33	315	eP	P	16 29 34.1	+5.6
HHC	Hu-ho-hao-te	85.33	315	eP	P	16 36 31.9	-8.9
HHC	Hu-ho-hao-te	85.33	315	eP	P	16 36 44.2	+2.6
HHC	Hu-ho-hao-te	85.33	315	eP	P	16 36 56.4	+5.5
HHC	Hu-ho-hao-te	85.33	315	eP	P	16 42 15.1	-0.8
HHC	Hu-ho-hao-te	85.33	315	eP	P	16 26 11.6	+1.3
HHC	Hu-ho-hao-te	85.33	315	eP	P	16 29 34.1	+5.6
HHC	Hu-ho-hao-te	85.33	315	eP	P	16 36 31.9	-8.9
HHC	Hu-ho-hao-te	85.33	315	eP	P	16 36 44.2	+2.6
HHC	Hu-ho-hao-te	85.33	315	eP	P	16 36 56.4	+5.5
HHC	Hu-ho-hao-te	85.33	315	eP	P	16 42 15.1	-0.8
HHC	Hu-ho-hao-te	85.33	315	eP	P	16 26 11.6	+1.3
HHC	Hu-ho-hao-te	85.33	315	eP	P	16 29 34.1	+5.6
HHC	Hu-ho-hao-te	85.33	315	eP	P	16 36 31.9	-8.9
HHC	Hu-ho-hao-te	85.33	315	eP	P	16 36 44.2	+2.6
HHC	Hu-ho-hao-te	85.33	315	eP	P	16 36 56.4	+5.5
HHC	Hu-ho-hao-te	85.33	315	eP	P	16 42 15.1	-0.8
HHC	Hu-ho-hao-te	85.33	315	eP	P	16 26 11.6	+1.3
HHC	Hu-ho-hao-te	85.33	315	eP	P	16 29 34.1	+5.6
HHC	Hu-ho-hao-te	85.33	315	eP	P	16 36 31.9	-8.9
HHC	Hu-ho-hao-te	85.33	315	eP	P	16 36 44.2	+2.6
HHC	Hu-ho-hao-te	85.33	315	eP	P	16 36 56.4	+5.5
HHC	Hu-ho-hao-te	85.33	315	eP	P	16 42 15.1	-0.8
HHC	Hu-ho-hao-te	85.33	315	eP	P	16 26 11.6	+1.3
HHC	Hu-ho-hao-te	85.33	315	eP	P	16 29 34.1	+5.6
HHC	Hu-ho-hao-te	85.33	315	eP			

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like LK2D, LK2D, DRO, VLX, RLS, VAM, AQU, AMT, ITM, ANKY, VLS, GVD, PYL, CUC, TIP, MTE, VSL, CLTB, ESDC, PAB, WDD, RTC, DBIC, TAM, TORD, CSEM, DHMR, ADEN, UDYN, LBOS, BDHA, DHBB, DKL, URLA, PRK, CHOS, AKHS, AKS, SIGR, SMG, GCAM, YZEL, AYDB, BALLY, EZN, BOZC, AYDN, AYDN.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MANT, MANT, MANT, KULA, GONE, GONE, DURS, DURS, DURS, DST, DST, LPK, LIA, LIA, LIA, EDC, EDC, ERIK, ERIK, ALN, ALN, ALN, HOPE, VNA1, VNA2, SNA, SNA, SNA, PMSA, PMSA, USHA, SYO, SYO, SPO, QSPA, QSPA, QSPA, MAW, MAW, U65B, U73B, CPUP, CFAA, VVDA, BDFB, LVC, H10S2, H10S3, CASY, LPAZ, MATP, SAML, LSZ, DBIC, STKA, ASAR, ASAR, WRA, AKAS, ULM, NOA, CMAR, NVAR, FINES, ABKAR, AKTO, ARCES, BVOR, MKAR, YKA, ZALV, INK, INK, INK, KSAR, ILAR, MCK, BPAW.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ELDT, ELDT, ELDT, CDAG, CDAG, CDAG, ERBA, ERBA, ERBA, BRTR, BRTR, CUSAR, CUSAR, BBAL, BBAL, BBAL, AVNT, AVNT, AVNT, BCAM, BCAM, BCAM, CUKAN, CUKAN, CHVG, CHVG, KBZ, KBZ, KMAI, KMAI, MLR, MLR, AKAS, AKAS, AKTO, AKTO, FINES, FINES, ARU, ARU, MBAR, MBAR, HHC, HHC, HHC, CMAR, CSEM, DHMR, ADEN, UDYN, LBOS, BDHA, BDHA, DHBB, DHBB, CSEM, DHMR, ADEN, UDYN, LBOS, BDHA, BDHA, DHBB, DHBB, CSEM, DHMR, ADEN, UDYN, LBOS, BDHA, BDHA, DHBB, DHBB.

CSEM 07 16:41:08.5, 12:10N:44:11E, h11km, ML4.8
DHMR 07 16:41:08.5, 1.3, 12:10N:44:11E, h11km, 23km, ML4.8
ISCBJ 07 16:41:13.6, 0.8, 12:15N:0:06:44:33E:0.08, h10km,
mb3.9/11, Error ellipse: s-maj=11.1km s-min=8.1km
az=12.3

IDC 07 16:41:14.8, 1.4, 12:11N:44:59E, h0km, mb3.8/11,
mb1.3/9/11, mb1mx3.8/27, mbtmp3.8/11, Error ellipse:
s-maj=33.7km s-min=23.9km az=21.0

ISC 07 16:41:14.9, 1.2, 12:35N:0:07:44:27E:0.07, h10km, n23,
r=14725, mb3.9/11, Western Arabian Peninsula

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like Aden, Al Udayn, Mabar, Eilat, Keskin Array B, etc.

ISCBJ 07 16:41:34.9, 1.9, 11:28N:0:3:44:1E:0.2, h10km, mb4.1/10,
MS5.3/1, Error ellipse: s-maj=46.4km s-min=17.9km
az=38.5

IDC 07 16:41:34.5, 2.4, 11:72N:44:05E, h0km, mb4.1/10,
mb1.4/1/11, mb1mx3.9/29, mbtmp4.1/11, ML3.2/1, MS5.2/1,
Ms1.5/2.1, ms1mx3.8/46, Error ellipse: s-maj=56.2km
s-min=23.4km az=38.0

ISC 07 16:41:36.0, 2.2, 11:72N:0:3:44:0E:0.3, h10km, n12,
r=65411, mb4.3/10, Western Gulf of Aden

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like Eilat, ASF, Keskin Array B, etc.

MAN 07 16:43:19.8, 3.9N:126:17E, h48km, mb3.9, ML2.7, MS2.4,
IC, Mindanao

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like BIPH, Butuan, BUKP, MATI.

ATH 07 16:51:18.6, 37:04N:27:63E, h27km, 1km, MD3.2/5
DDA 07 16:51:18.4, 37:04N:27:62E, h13km, MD2.9
ISK 07 16:51:18.7, 37:03N:27:61E, h7km, MD2.8
THE 07 16:51:18.1, 37:03N:27:62E, h2km, 3km, ML3.0/1, Error
ellipse: s-maj=3.7km s-min=1.3km az=35.0

CSEM 07 16:51:18.4, 0.1, 37:03N:27:59E, h10km, MD2.9, Error
ellipse: s-maj=3.4km s-min=3.0km az=122.0
ISCBJ 07 16:51:18.0, 0.9, 37:02N:0:02:27:58E:0.03, h12km, 3km,
Error ellipse: s-maj=3.8km s-min=3.3km az=169.8
ISC 07 16:51:18.0, 0.9, 37:03N:0:02:27:63E:0.02, h11km, 6km,
n57, r=0563/86, Turkey

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like BDRM, BODR, YER, NIS1, etc.

Table with columns: TURN, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like Turunc, Dalyan, Arkhangelos, Samos, etc.

CSEM 07 16:54:35.5, 12:12N:44:34E, h8km, ML3.7
DHMR 07 16:54:35.5, 1.2, 12:12N:44:34E, h8km, 19km, ML3.7,
Western Arabian Peninsula

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like Aden, Al Udayn, LBSO, etc.

IDC 07 17:03:07.9, 2.1, 17:76S:167:55E, h0km, mb3.7/3,
mb1.4/0/4, mb1mx3.7/18, mbtmp3.7/4, ML3.3/1, Error
ellipse: s-maj=58.1km s-min=35.6km az=125.0, Vanuatu
Islands

CSEM 07 17:17:18.7, 12:11N:44:22E, h8km, ML4.1
DHMR 07 17:17:18.7, 1.5, 12:11N:44:22E, h8km, 26km, ML4.1
ISC 07 17:17:22.5, 1.5, 12:26N:0:09:44:32E:0.08, h10km, n16,
r=13522, mb3.9/7, Western Arabian Peninsula

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like Aden, Al Udayn, LBSO, etc.

DJA 07 17:22:30.6, 0.1, 12:22N:12:02E, h15km, 4km, M4.6/22,
mb4.6/6, MLV4.5/22
ISCBJ 07 17:22:31.6, 0.4, 0.69S:0:02:119:94E:0.02, h49km, 5km,
mb4.2/26, Error ellipse: s-maj=4.3km s-min=3.7km
az=29.6
NEIC 07 17:22:33.9, 0.8, 0.68S:120:12E, h55km, 8km, mb4.3/11,
Error ellipse: s-maj=12.2km s-min=5.9km az=70.0
NEIC Felt [11] at Palu
IDC 07 17:22:34.7, 2.6, 0.69S:120:16E, h63km, 25km, mb3.9/18,
mb1.4/0/21, mb1mx3.9/32, mbtmp4.2/21, ML3.9/3, Error
ellipse: s-maj=24.0km s-min=11.3km az=65.0

ISC 07 17:22:33.8, 0.9, 0.69S:0:04:119:97E:0.04, h52km, 10km,
n57, r=1317/5, mb4.2/26, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like Mapaga, Ampana, Toli-Toli, etc.

FITZ Fitzroy Crossi 18.18 162 P Pn 17 26 42.9 +0.4
KULM Kulim 20.19 287 P P 17 27 04.2 -0.1

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like PSI, WRA, ASAR, etc.

MDJ Muddanjali 45.92 10 P P 17 30 50.9 -0.4
USRK Ussusiyak Ar. 45.97 12 P P 17 30 50.4 -1.2

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res. Lists stations like ULN, SONM, MK31, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like BDHA, DHBB, SANA, AKASG, BVAR, MKAR, ZALV, CMAR, SONM, ASAR.

NEIC 07 17:29:13.9,35:73N;116:96W,h4km,ML3.5(PAS),After PAS.

ISC 07 17:29:12.9,1.1,35.76N;0.02,-116.91W;0.02,h7km,10km,n34,r102/50,Central California

Main table for NEIC/ISC stations. Columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like GSC, LRMCM, FURC, DAC, RRX, HEC, EDW2, ISA, GRAC, TPNV, GMRC, BBRC, SHPR, LDFC, OSI, PAS, BELC, IRM, PFO, R11A, BAR, GLA, WAKR, MSU, ELK, DUG, MVCO.

DHMR 07 17:37:05.6,1.3,11.37N;44:11E,h2km,6km,ML3.5, Western Gulf of Aden

Table for DHMR stations in the Western Gulf of Aden. Columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like ADEN, UDYN, LBOS.

CSEM 07 17:40:23.0,12:08N;-44:31E,h6km,ML3.8

DHMR 07 17:40:23.0,1.9,12.08N;-44:31E,h7km,19km,ML3.8,4C, Western Arabian Peninsula

Table for CSEM/DHMR stations in the Western Arabian Peninsula. Columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like ADEN, UDYN, LBOS, DHBB, HEC.

WEL 07 17:48:08.2,0.3,38:62S;175:68E,h163km,2km,ML3.7/10, 19C-3D, Error ellipse: s-maj=1.6km s-min=1.5km az=0.0, North Island

Table for WEL stations in the North Island. Columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like TLZ, KRZV.

Main table for 2010 SEP stations. Columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like TWVZ, OTVZ, NGZ, COVZ, WFWZ, FWVZ, TUWZ, DRZ, WHVZ, TRVZ, WHVZ, PKVZ, MOVZ, BHZ, KRHZ, URZ, ARHZ, WAZ, WHVZ, SNGZ, PNHZ, RAGZ, NEZ, TSZ, MWVZ, KARZ, CKVZ, WPHZ, KNZ, RIGZ, PXZ, PXZ, TKGZ, DVHZ, PRVZ, POWZ, PRHZ, MHGZ, HAZ, HWZ, PRVZ, CNVZ, MRZ, MRZ, PUKZ, BFZ, TIWZ, TIWZ, OGWZ, HOWZ, KIWZ, CPWZ, TMWZ, CAW, CAW, MTW, MTW, DUVZ, WEL, PAWZ, TRVZ, TCW, TCW, MSWZ, BHW, PLWZ, TUWZ, TUWZ, QNZ, QNZ.

IDC 07 17:55:31.2,4.5,1:43S;77:23W,h125km,44km,mb3.6/6, mb1.3/8/9,mb1mx3.6/32,mbmp4.1/9, Error ellipse: s-maj=45.3km s-min=18.5km az=42.0

IGQ 07 17:55:35.0,8.1,9:7S;77:80W,h6km,25km,MB4.1, Error ellipse: s-maj=8.4km s-min=5.4km az=167.9

ISCJB 07 17:55:37.0,0.5,1:96S;0:04;77:68W;0.09,h150km, mb3.7/6, Error ellipse: s-maj=12.3km s-min=5.2km az=167.9

ISC 07 17:55:35.6,0.6,1:90S;0:03;77:66W;0.06,h150km,n55,r172/39,mb3.8/6,3C-15D,Ecuador

Main table for IDC/ISCJB/ISC stations. Columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like BPAT, EMOR, BULB, BULB, ARRY, BRUN, BRUN, RUNS, RETU, BMAS, BMAS, JU6, BBIL, RIOE, IGUA, PISA, TAMB, COV1, COV1, COV1, BTAM, VC1, BNAS, CAMI, NASZ, ANTI, PITA, PAST, LAV4, CHAR, CONE, GGP, TERV, PINO, OTAN, COTA, PRCU, PECV, MAG1, CHIS, ATAH, ATAH, NNA, NNA, NNA, LPAZ, LPAZ, KRZV.

Table for 7d 18h stations. Columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like LVC, TXAR, NVAR, DBIC, TORI, ILAR, MKAR, SONM, ASAR, ASAR, WRA, WRA.

CSEM 07 17:56:33.7,12:03N;-44:24E,h13km,ML3.7

DHMR 07 17:56:33.7,1.3,12.03N;-44:24E,h14km,11km,ML3.7,2D, Western Arabian Peninsula

Table for CSEM/DHMR stations in the Western Arabian Peninsula. Columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like ADEN, ADEN, UDYN, UDYN, LBOS, LBOS, BDHA, BDHA, DHBB, DHBB, DHBB, DHBB.

IDC 07 18:05:19.2,4.5,20:68S;176:29W,h0km,mb3.9/3, mb1.4/1.3,mb1mx3.6/24,mbmp3.9/3, Error ellipse: s-maj=175.0km s-min=90.8km az=161.0,Fiji Islands region

Table for IDC stations in the Fiji Islands region. Columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like STKA, ASAR, ASAR, WRA.

WEL 07 18:09:10.6,0.1,43:60S;172:35E,h11km,ML3.7/18, 2C-3D, Error ellipse: s-maj=0.5km s-min=0.4km az=0.0, South Island

Main table for WEL stations in the South Island. Columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like CRZL, CRZL, CRZL, MOZ, MOZ, OXZ, OXZ, LTZ, LTZ, RPZ, RPZ, RPZ, WVVZ, KHZ, KHZ, LBZ, LBZ, LBZ, THZ, THZ, DSZ, DSZ, DSZ, ODZ, ODZ, ODZ, FJZ, FJZ, JCY, JCY, WAKZ, WAKZ, EAZ, EAZ, EAZ, QNZ, QNZ, QNZ, TUZ, TUZ, TUZ, CAW, CAW, MRZ.

CSEM 07 18:09:52.9,12:08N;-44:16E,h14km,ML3.6

DHMR 07 18:09:52.9,2.0,12.08N;-44:16E,h14km,19km,ML3.6, Western Arabian Peninsula

Table for CSEM/DHMR stations in the Western Arabian Peninsula. Columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like ADEN, ADEN, UDYN, UDYN, LBOS, LBOS, BDHA, BDHA.

7d 19h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Quartz Range, Earnsclough, Moikau Station, Tuapeka, Cannon Point, etc.

AUST 07 19:49:49.1,3,3,44.38S,174.15E,h12km,21km, Error ellipse: s-maj=22.6km s-min=7.6km az=118.0

ISCJBJ 07 19:49:55.8,0.7,43.57S,0.03:172.79E:0.05,h7km,4km, mb4.6/17,MS4.1/4, Error ellipse: s-maj=6.6km s-min=5.3km az=42.2

BUII 07 19:49:56.8,43.13S:172.97E,h6km,mb5.4/11,mb5.5/10, Ms5.3/9, Ms7.4/9

IDC 07 19:49:56.6,0.6,43.23S:172.61E,h0km,mb4.3/8, mb1.4/4.9,mb1mx4.2/24,mbtmp4.3/9,ML4.2/1,MS4.1/5, Ms1.4/1.5,ms1mx3.7/17, Error ellipse: s-maj=18.6km s-min=12.8km az=147.0

WEL 07 19:49:57.6,0.1,43.59S:172.70E,h8km,ML5.0/55, Error ellipse: s-maj=1.0km s-min=0.6km az=90.0

WEL Felt from West Coast to Otago, maximum reported intensity MM 8.

NEIC 07 19:49:57.5,43.60S:172.69E,h6km,mb5.0/11,MW4.7, ML5.0(WEL), Moment Tensor Solution. s23 Moment tensor: Scale 10^18Nm; M1=0.31; M2=1.11; M3=0.80; M4=0.64; M5=0.63; M6=0.62; Best double couple: M=1.50000x10^16 NP1=0.327 000000; 0.63 000000; -1.14 000000; NP2=0.65 000000; 0.79 000000; -1.143 000000; Principal axes: T 4200; P1g 16.0000; Azm191.0000; N 0.0900, P1g51.0000; Azm79.0000; P -1.5100, P1g34.0000; Azm282.0000; After WEL.

NEIC Some damage in Canterbury. Felt [VII] at Heathcote Valley and [VI] at Cashmere, Christchurch, Saint Albans and Woolston. Felt in much of Canterbury and as far as Greymouth and Oamaru.

ISC 07 19:49:57.2,1.0,43.52S:0.03:172.76E:0.04,h4km,5km, n142,0190/111,mb4.6/17,MS4.0/4,13C-8D, South Island

Main table for 7d 19h section, listing station codes, names, and seismic data.

2010 SEP

Main table for 2010 SEP section, listing station codes, names, and seismic data.

382

Main table for 382 section, listing station codes, names, and seismic data.

Table with columns for station name, frequency, and other parameters. Includes stations like BOD Bodaibo, CONA Conrad Observa, PRA Prague, etc.

Table with columns for station name, frequency, and other parameters. Includes stations like BOD Bodaibo, CONA Conrad Observa, PRA Prague, etc.

Table with columns for station name, frequency, and other parameters. Includes stations like KBL Kabul, KBL Kashi, KBL Kashi, etc.

ellipso: s-maj=22.8km s-min=9.6km az=83.0
CSEM 07 21:48:45.7,0.3,31.47N,7.23W,h5km,ML3.5/11,Error
ellipso: s-maj=7.4km s-min=4.2km az=146.0
ISCJB 07 21:48:46.1,0.7,31.54N,0.04:7.30W,0.04,h13km,Error
ellipso: s-maj=5.9km s-min=4.5km az=43.0
CNMR 07 21:48:47.4,31.39N,7.22W,h1km,MD3.4
ISC 07 21:48:45.7,1.2,31.42N,0.07:7.19W,0.04,h13km,n26,
e0588/40,Morocco

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like OUK Oukaimeden, TZC Tazerounte, CJA Chichauoa, etc.

CSEM 07 21:51:46.9,12.15N,44.23E,h13km,ML3.9
DHMR 07 21:51:46.9,1.3,12.15N,44.23E,h14km,ML3.9,2D,
Western Arabian Peninsula

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like ADEN Aden, UDYN Al Udayn, LBOS LBOS, etc.

CSEM 07 21:51:48.7,0.4,35.19N,23.29E,h2km,MD3.1,Error
ellipso: s-maj=9.9km s-min=3.9km az=37.0
ATH 07 21:51:48.1,35.17N,23.23E,h9km,1km,MD3.1/5
VAM 07 21:51:49.0,35.17N,23.35E,h0km,1km,ML3.1/5,Error
ellipso: s-maj=3.1km s-min=0.9km az=113.0
ISC 07 21:51:47.3,1.3,35.14N,0.04:23.20E,0.04,h7km,10km,
n67,e092/98,Crete

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like IMMV Iera Moni Meta, ANKY Antikythira Is, GVD Gavidhos, etc.

Table with columns: IDI, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like IDI Anoyia, IACM Heraklion, MHLO Agia Marina, etc.

ISCJB 07 22:00:09.0,0.4,12.93N,0.04:88.63W,0.04,h72km,2km,
mb4.6/83,Error ellipso: s-maj=9.3km s-min=4.1km
az=41.2
CASC 07 22:00:08.6,2.6,12.75N,88.80W,h47km,14km,MD4.6,
ML5.0
NEIC 07 22:00:10.2,0.9,12.79N,88.67W,h74km,7km,mb4.7/74,
MD4.4(SNET),Error ellipso: s-maj=12.1km s-min=6.3km
az=220.0
NEIC Felt [I] at San Salvador.
IDC 07 22:00:10.3,2.1,13.03N,88.42W,h72km,18km,mb4.1/14,
mb1.4,3/15,mb1mx4.1/30,mbtmp4.4/15,MS3.6/9,
Ms=1.3,6/9,ms1mx3.3/21,Error ellipso: s-maj=30.4km
s-min=11.3km az=100.0
ISC 07 22:00:07.7,0.7,12.75N,0.05:88.72W,0.05,h53km,6km,
n49.9,e106/409,mb4.6/83,MS3.8/9,3C-3D,Off coast of
Central America

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like VSM San Miguel, SNVI San Vicente, LFRS El Faro, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res. Includes stations like 633A Saathoff Ranch, 534A Blanco, 632A Uvalde, etc.

Z28A	Tucker Farm, M	23.96	331	P	P	22 05 17.0	-0.2
PBMO	Poplar Bluff	23.98	357	eP	P	22 05 16.8	-0.5
W33A	Caddo, Fort Co	23.99	340	P	P	22 05 16.9	-0.5
V35A	Meyer Ranch, C	24.06	344	P	P	22 05 16.9	-1.1
X31A	McDonald Ranch	24.06	337	P	P	22 05 18.2	+0.1
Y29A	Porterfield Fa	24.10	333	P	P	22 05 18.3	-0.2
TZTN	Tazewell	24.15	10	eP	P	22 05 18.1	-0.8
TZTN	Sentinel	24.23	339	P	S	22 09 33.5	+0.3
W32A	Coker Ranch, T	24.26	335	P	P	22 05 19.9	+0.3
X30A	Coker Ranch, T	24.26	335	P	P	22 05 20.0	+0.1
V34A	Guthrie	24.32	342	P	P	22 05 19.3	-1.1
V34A	Guthrie	24.32	342	eP	P	22 05 19.9	-0.5
V33A	Lossen Ranch,	24.54	341	P	P	22 05 21.7	-0.8
W31A	Holland Ranch,	24.54	337	P	P	22 05 22.1	-0.4
U35A	Pawnee	24.60	344	P	P	22 05 22.3	-0.6
X29A	Tulia	24.61	334	P	P	22 05 23.1	-0.1
MSTX	Muleshoe	24.70	331	P	P	22 05 24.1	+0.1
MSTX	Muleshoe	24.70	331	eP	P	22 05 23.6	-0.4
V32A	Arapaho	24.70	340	P	P	22 05 23.5	-0.4
SIUC	Southern Illin	24.87	359	eP	P	22 05 25.0	-0.4
U34A	Anderson Ranch	24.89	343	P	P	22 05 25.0	-0.5
U34A	Anderson Ranch	24.89	343	eP	P	22 05 24.9	-0.7
AMTX	Amarillo	24.97	334	P	P	22 05 26.3	-0.2
AMTX	Amarillo	24.97	334	eP	P	22 05 27.1	+0.7
V31A	Spring Creek L	25.03	338	P	P	22 05 27.2	+0.3
T36A	Boyers Farm, Ca	25.05	346	P	P	22 05 26.0	-1.0
U33A	Lingo Farm, Me	25.05	342	P	P	22 05 25.7	-1.4
W29A	Amrillo	25.16	334	P	P	22 05 27.7	-0.5
U32A	Winter Ranch,	25.28	340	P	P	22 05 28.3	-0.9
T34A	McClaskey Farm	25.34	344	P	P	22 05 29.2	-0.5
BLA	Blacksburg	25.47	16	eP	P	22 05 31.1	+0.2
S37A	Fort Scott	25.50	349	P	P	22 05 30.3	-0.8
W28A	Vega	25.52	334	P	P	22 05 31.8	+0.4
U31A	Nine Bar Ranch	25.56	339	P	P	22 05 31.7	-0.1
S36A	Lake Cedric, C	25.62	347	P	P	22 05 31.3	-0.9
WVCC	Virginia Weste	25.62	16	eP	P	22 05 32.5	+0.2
T33A	Patterson Ranch	25.69	342	P	P	22 05 32.2	-0.7
S35A	Otter Creek Ra	25.74	346	P	P	22 05 32.3	-1.0
OLIL	Olney	25.89	1	eP	P	22 05 34.0	-0.6
V28A	Channing	25.94	334	P	P	22 05 35.6	+0.4
S34A	Willow Spring	25.96	345	P	P	22 05 34.8	-0.5
S33A	Kaszmual Farm,	26.10	343	P	P	22 05 36.1	-0.4
R36A	Gordon, Harris	26.16	348	P	P	22 05 36.3	-1.0
121A	Cookes Peak, D	26.32	322	P	P	22 05 40.9	+2.1
T30A	Plains	26.42	338	P	P	22 05 39.4	-0.1
U28A	Mallet	26.48	335	P	P	22 05 39.9	-0.3
S31A	Mullinville	26.57	341	P	P	22 05 40.6	-0.3
JSRW	J. Sargeant Re	26.67	19	eP	P	22 05 42.2	+0.6
R37A	Olander Ranch,	26.76	344	P	P	22 05 41.9	-0.7
U27A	Thompson Grove	26.77	334	P	P	22 05 43.0	+0.2
T29A	Hugoton	26.79	337	P	P	22 05 42.9	+0.1
BNM	Barren Site	26.82	326	eP	P	22 05 45.5	+2.1
R32A	Long Quarter,	27.07	343	P	P	22 05 44.5	-0.9
T28A	Walsh	27.08	336	P	P	22 05 44.9	-0.6
S29A	Ulysses	27.14	338	P	P	22 05 45.7	-0.3
R31A	Burdett	27.20	341	P	P	22 05 46.0	-0.4
T27A	Campo	27.27	335	P	P	22 05 46.9	-0.4
LAZ	Ladron	27.29	325	eP	P	22 05 50.9	+3.4
ANMO	Albuquerque	27.32	327	P	P	22 05 49.0	+1.2
ANMO	Albuquerque	27.32	327	eP	P	22 05 51.6	+3.8
Q33A	Connelly Farm,	27.37	344	P	P	22 05 47.2	-0.8
S28A	Manter	27.40	337	P	P	22 05 48.3	-0.1
R30A	Dighton	27.44	340	P	P	22 05 48.9	+0.2
P35A	Duane Minner,	27.45	348	P	P	22 05 47.3	-1.3
Q32A	Meitler Ranch,	27.56	343	P	P	22 05 49.3	-0.4
SFIN	Scholer Farm	27.56	3	P	P	22 05 47.7	-1.9
P34A	Walnut Farm, R	27.64	346	P	P	22 05 49.8	-0.6
CBKS	Cedar Bluff	27.74	341	P	P	22 05 51.2	-0.2
CBKS	Cedar Bluff	27.74	341	eP	P	22 05 51.7	+0.3
Q31A	Ellis	27.81	342	P	P	22 05 51.8	-0.2
ACSO	Alum Creek Sta	27.84	9	eP	P	22 05 51.5	-0.7
S27A	Las Animas	27.88	335	P	P	22 05 52.6	-0.1
R28A	Tribune	28.03	338	P	P	22 05 53.9	-0.1
Q30A	Quinter	28.05	341	P	P	22 05 53.8	-0.3
S26A	Kim	28.06	335	P	P	22 05 54.8	+0.5
T25A	Trinidad	28.06	333	P	P	22 05 55.7	+1.2
T25A	Trinidad	28.06	333	eP	P	22 05 55.6	+1.2
Q34A	Beatrice	28.22	347	P	P	22 05 54.9	-0.6
Q29A	Oakley	28.22	339	P	P	22 05 55.9	+0.3
P31A	Stockton	28.29	342	P	P	22 05 56.2	0.0
Q33A	Hebron	28.32	346	P	P	22 05 56.6	+0.2
R27A	Eads	28.36	341	P	P	22 05 57.1	+0.2
P30A	Selden	28.37	336	P	P	22 05 58.9	+0.2
R26A	Arlington	28.63	335	P	P	22 05 59.4	+0.1
Q28A	Sharon Springs	28.67	338	P	P	22 05 59.5	-0.2
KSCO	Kaye Shedlock'	28.92	337	P	P	22 06 02.4	+0.4
KSCO	Kaye Shedlock'	28.92	337	eP	P	22 06 02.4	+0.4

SDCO	Great Sand Dun	29.05	332	P	P	22 06 04.0	+0.6
SDCO	Great Sand Dun	29.05	332	eP	P	22 06 04.4	+1.4
O30A	MW Ranch, Wils	29.09	342	P	P	22 06 03.5	+0.2
P28A	Saint Francis	29.10	339	P	P	22 06 03.5	0.0
BBSR	BB Station	29.44	45	eP	P	22 06 06.3	-0.1
P26A	Davis Ranch, A	29.67	337	P	P	22 06 09.2	+0.6
S22A	4UR Ranch, Cre	29.68	330	P	P	22 06 10.2	+1.2
S22A	4UR Ranch, Cre	29.68	330	eP	P	22 06 10.5	+1.6
S22A	4UR Ranch, Cre	29.68	330	eP	P	22 09 14.7	+2.4
BGNE	Belgrade	29.72	346	P	PcP	22 06 08.8	-0.1
M31A	Lambrecht Ranc	29.87	344	P	P	22 06 10.8	+0.6
O27A	Beecher Island	29.90	339	P	P	22 06 11.0	+0.4
Q24A	Divide	29.90	334	P	P	22 06 11.5	+0.6
N28A	Pribbeno Ranch	30.02	340	P	P	22 06 12.1	+0.5
MVCO	Mesa Verde	30.11	327	P	P	22 06 14.5	+1.8
MVCO	Mesa Verde	30.11	327	eP	P	22 06 14.8	+2.1
L33A	Hoskins	30.24	347	P	P	22 06 13.1	-0.3
L32A	Elgin	30.25	346	P	P	22 06 14.3	+0.8
O26A	Horse Wrangler	30.25	337	P	P	22 06 15.2	+1.4
M29A	Burnside Ranch	30.44	342	P	P	22 06 15.3	0.0
N27A	Anderson Farm,	30.47	339	P	P	22 06 16.2	+0.6
BRNJ	Basking Ridge	30.48	22	eP	P	22 06 15.8	+0.3
WUAZ	Wupatki	30.53	322	P	P	22 06 18.8	+2.5
ISCO	Idaho Springs	30.80	334	P	P	22 06 19.6	+0.8
ISCO	Idaho Springs	30.80	334	eP	P	22 06 19.5	+0.8
K32A	Verdigris	30.87	347	P	P	22 06 18.9	-0.1
SMCO	Snowmass	30.89	332	eP	P	22 06 21.1	+1.4
K30A	Basnet	31.28	344	P	P	22 06 22.2	-0.4
PTGA	Pitinga	31.52	113	eP	P	22 06 24.1	-1.0
K29A	Lazy Trails An	31.55	344	P	P	22 06 24.5	-0.5
ECSD	EROS Data Cent	31.62	349	P	P	22 06 24.0	-1.5
ECSD	EROS Data Cent	31.62	349	eP	P	22 06 23.5	-2.1
K28A	Ten Mile Ranch	31.81	342	P	P	22 06 27.6	+0.3
N23A	Red Feather La	31.85	335	P	P	22 06 28.2	+0.2
N23A	Red Feather La	31.85	335	eP	P	22 06 28.6	+0.7
J30A	Dallas	31.86	345	P	P	22 06 27.2	-0.5
PHWY	Pilot Hill	31.99	336	eP	P	22 06 29.9	+0.6
IRM	Iron Mountain	32.11	316	eP	PcP	22 09 22.4	+4.1
J29A	Okreek	32.15	344	P	P	22 06 36.6	+6.6
L25A	Engelbretsen Ra	32.16	338	P	P	22 06 30.1	0.0
O20A	White River Ci	32.24	331	P	P	22 06 33.1	+1.7
O20A	White River Ci	32.24	331	eP	P	22 06 33.3	+1.9
MONP	Monument Peak	32.29	313	P	P	22 06 33.1	+1.2
I30A	Oacoma	32.40	345	P	P	22 06 31.6	-0.8
J28A	Allard Ranch,	32.42	343	P	P	22 06 32.5	-0.2
H32A	Carlson Farm,	32.52	348	P	P	22 06 32.4	-1.0
SPMN	St. Paul	32.55	355	P	P	22 06 32.3	-1.4
SPMN	St. Paul	32.55	355	eP	P	22 06 32.5	-1.2
H33A	Prehn Over Nor	32.56	349	P	P	22 06 33.0	-0.8
SRU	San Rafael	32.59	328	eP	P	22 06 36.4	+2.0
I29A	Vivian Onida	32.72	344	P	P	22 06 34.7	-0.5
HWB	Hans Werner Br	32.75	313	eP	P	22 06 32.5	-3.2
P18A	Preston Nutter	32.83	328	eP	P	22 06 38.8	+2.2
PLM	Palomar	32.85	313	eP	P	22 06 43.8	+7.0
J26A	Sides Ranch, S	32.88	341	P	P	22 06 36.8	+0.1
I28A	Midland	32.93	343	P	P	22 06 37.0	-0.1
P17A	Butcher Ranch,	32.97	328	eP	P	22 06 39.5	+1.8
J25A	Sunshine Ranch	33.19	340	P	P	22 06 39.7	+0.2
I27A	Quinn	33.25	342	P	P	22 06 39.8	-0.1
H29A	Onida	33.26	345	P	P	22 06 38.5	-1.4
SAML	Samuel	33.29	129	eP	P	22 06 41.1	+0.5
SAML	Bowen Ranch, D	33.29	337	eP	PcP	22 09 23.8	+1.9
G30A	Faulkton	33.48					

Table with columns: Call sign, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like T36A, U37A, X33A, etc.

ISC/JB 08 00:28:45.4-0.3, 35.56N-0.01:97.29W-0.02, h7km, 2km, Error ellipse: s-maj=2.5km s-min=2.3km az=155.3 NEIC 08 00:28:46.0, 35.56N-97.29W, h4km, MD2.5(TUL), After TUL.

NEIC Fell at Jones. ISC 08 00:28:45.6-0.3, 35.56N-0.02:97.30W-0.02, h8km, 4km, n45, o566/78, Oklahoma

Main station list for the 395 page, including call signs, frequencies, and modes. Includes stations like OK001, OK003, OK008, etc.

ISC/JB 08 00:47:52.9-0.3, 34.64N-0.03:24.94E-0.04, h6km, 4km, mb3.6/8, Error ellipse: s-maj=5.7km s-min=4.2km az=40.0 IDC 08 00:47:53.6-1.9, 34.73N-25.16E, h35km, 15km, mb3.6/8, mb1.3/6/13, mb1mx2.5/3.1, mbtmp3.6/13, ML4.0/4, Error ellipse: s-maj=17.5km s-min=15.6km az=167.0

ATH 08 00:47:54.3, 34.66N-24.96E, h31km, 1km, MD3.1/10 CSEM 08 00:47:54.1-0.2, 34.65N-24.94E, h30km, ML3.4, 4/2, Error ellipse: s-maj=5.8km s-min=4.0km az=53.0

THE 08 00:47:56.9, 34.84N-24.92E, h44km, 2km, ML3.4/2, Error ellipse: s-maj=2.5km s-min=1.1km az=178.0 HLW 08 00:47:57.4, 34.56N-25.15E, h33km, 42km, MD3.8, MD3.3 ISC 08 00:47:54.2-0.9, 34.68N-0.04:25.00E-0.03, h41km, 9km, n132, o1552/162, mb3.7/8, Crete

Main station list for the 2010 SEP page, including call signs, frequencies, and modes. Includes stations like SIVA, ANOYIA, LASITHI, etc.

Table with columns: Call sign, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like IGT, IGT, KNT, FNA, AWB, etc.

ISC/JB 08 00:54:06.7-0.7, 37.05N-0.04:27.67E-0.04, h4km, 9km, Error ellipse: s-maj=7.4km s-min=4.7km az=173.6

ISK 08 00:54:06.4, 37.11N-27.67E, h5km, MD2.7 DDA 08 00:54:06.3, 37.03N-27.64E, h7km, MD2.6 CSEM 08 00:54:07.0-0.3, 37.07N-27.67E, h5km, MD2.6, Error ellipse: s-maj=6.0km s-min=4.7km az=163.0

ISC 08 00:54:05.1-1.0, 37.00N-0.04:27.66E-0.03, h10km, 9km, n24, o1970/34, Turkey

Main station list for the 8d 1h page, including call signs, frequencies, and modes. Includes stations like BDRM, BDRM, BODR, etc.

ISC/JB 08 01:06:15.3-1.0, 42.64N-0.07:145.18E-0.06, h75km, 8km, Error ellipse: s-maj=13.2km s-min=5.8km az=156.8

JMA 08 01:06:15.8-0.1, 42.67N-145.15E, h80km, 2km, M3.5 SKHL 08 01:06:16.4-0.4, 42.53N-145.24E, h56km, 3km, mb4.6/4 ISC 08 01:06:15.7-1.7, 42.52N-145.18E-0.05, h74km, 13km, n16, o567/26, Hokkaido region

Main station list for the 8d 1h page, including call signs, frequencies, and modes. Includes stations like JAK, JAK, NEMZ, etc.

Table with columns: Code, Station Name, Az, El, P, Ph, Time, Res, ISC. Includes stations like MGOD Makushin Gods, MCIR Makushin Cirqu, MSW Makushin Switc, etc.

ISCJB 08 01:54:36.0, 0.3, 28.57S; 0.06:74:35E; 0.07, h10km, mb4.4/29, M4.4/23, Error ellipse: s-maj=9.0km s-min=3.4km az=29.2
IDC 08 01:54:36.8, 0.5, 28.50S; 74:33E, h0km, mb4.2/25, mb1.4/3/25, mb1mx4.2/33, mbtmp4.2/25, MSA.1/23, Ms1.4/1/23, ms1mx4.0/32, Error ellipse: s-maj=14.3km s-min=12.7km az=106.0
GCMT 08 01:54:38.3, 0.2, 28.34S; 74:12E, h12km, MW5.0/89, Moment Tensor Solution, s28, c38; s89, c139; Duration: 0 Moment tensor: Scale 10^18Nm; Mr=3.11e-09; Mw=0.99; M0=2.12e-09; Mo1=2.02e-31; Mo=1.46e-07; Mo3=3.3e-30; Best double couple: Mo4.59200e-10; NP1=179.00000; 0.70.00000; A=67.00000; NP1=0.3000000; 3.0.00000; 1-137.00000; Principal axes: T 3.9740, Plg22.0000; Azm252.0000; N 1.2350, Plg21.0000; Azm351.0000; P -5.2100, Plg59.0000; Azm121.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.
NEIC 08 01:54:38.3, 0.2, 28.57S; 74:29E, h10km, mb4.8/18 Error ellipse: s-maj=6.8km s-min=6.4km az=159.0
ISC 08 01:54:38.4, 0.4, 28.55S; 0.09:74:31E; 0.09, h10km, n92, c=078/78, mb4.5/39, M54.2/23, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, El, P, Ph, Time, Res, ISC. Includes stations like H08S2 Diego Garcia H, H08S1 Diego Garcia H, H08S3 Diego Garcia H, etc.

Table with columns: Code, Station Name, Az, El, P, Ph, Time, Res, ISC. Includes stations like SOEI Soe, CMAR Chiang Mai Arr, CMAR, CHTO Chiang Mai, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, El, P, Ph, Time, Res, ISC. Includes stations like VVLD Villa Vallejo, VVLD, VVLD, etc.

Table with columns: Code, Station Name, Az, El, P, Ph, Time, Res, ISC. Includes stations like 3um,0.5s San Donato, SDI San Donato, SDI San Donato, GUAR Guarino, GUAR, GUAR, etc.

Table with columns: Code, Station Name, Az, El, P, Ph, Time, Res, ISC. Includes stations like CSEM 08 01:55:35.6, 0.1, 41.83N; 13:59E, h8km, MD2.7/37, ROM 08 01:55:35.6, 0.1, 41.83N; 13:59E, h8km, 1km, MD2.7/37, etc.

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

ISCJB 08 01:58:09.0, 3.33:25N, 01:03:96:18E, 0.04, h10km, mb4.2/22, MS3.1/3, Error ellipse: s-maj=5.2km s-min=4.3km az=39.7

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

Table with columns: WMOQ, LN, Op, ISC, Time, Res, ISC. Includes stations like WMOQ, WMOQ, WMOQ, Bokaro, etc.

NEIC 08 02:17:51.0, 61:38N, 140:17W, h10km, ML2.6(AEIC), ML2.8(OTT), After OTT.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like YUK3, YUK2, YUK1, etc.

Table with columns: GRNC, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Granite Creek, Table Mountain, Baldy, etc.

ISCJB 08 02:26:00.4, 0.6:6.25S, 01:155:31E, 0.09, h200km, mb3.7/10, Error ellipse: s-maj=15.9km s-min=10.0km az=142.6

ICD 08 02:26:03.7, 2.9:6.27S, 155:14E, h219km, 28km, mb3.5/10, mb1.3/7.13, mb1mx3.5/29, mbtmp4.1/13, MS3.3/1, Ms1.3/2.1, ms1mx2.6/21, Error ellipse: s-maj=17.7km s-min=15.5km az=50.3

ISC 08 02:26:01.8, 0.7:6.25S, 01:155:2E, 0.1, h200km, m18, c-0899/15, mb3.8/10, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Port Moresby, Charters Tower, Warramunga Arr, etc.

TAP 08 02:36:46.7, 23:46N, 121:31E, h12km, ML3.8, 8C-10D, B, Taiwan

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like Hungye, Yuli, Jichi Village, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like Kamikawa-asahi, Asahikawa, Asahikawa, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like FINES FINES Array B, FINES FINES, etc.

ISCJB 08 03:58:04.3, 1.0, 30.25N, 0.08, 113.69W, 0.05, h10km, mb3.9/3, MS3.6/10, Error ellipse: s-maj=12.3km

IDC 08 03:58:07.2, 3.0, 59N, 113.54W, h0km, mb3.8/2, mb1.4/0.8, mb1mx3.7/37, mbmp3.6/8, ML3.4/5, MS3.5/15, Ms1.3/5.15, ms1mx2.3/3.7, Error ellipse: s-maj=44.7km

NEIC 08 03:58:08.4, 1.4, 30.44N, 113.63W, h10km, mb4.0/5, Error ellipse: s-maj=18.8km s-min=6.5km az=201.0

ISC 08 03:57:51.1, 30.41N, 113.70W, 0.04, h10km, n55, r185/65, mb4.0/3, MS3.5/10, Gulf of California

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like 214A Oregon Pipe Nat, 214A GLA, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like JCT Junction City, MOD Modoc, etc.

IDC 08 04:01:50.7, 4.0, 15.31S, 75.23W, h94km, 30km, mb3.5/2, mb1.3/6.5, mb1mx3.3/25, mbmp3.8/5, MS3.3/2, Ms1.1mx2.9/13, Error ellipse: s-maj=57.6km s-min=19.2km az=40.0, Near coast of Peru

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like LPAZ La Paz, ATAH Atahualpa, etc.

NNC 08 04:21:45.9, 1.6, 40.79N, 74.95E, h0km, mb3.4, mpv3.1, Error ellipse: s-maj=5.6km s-min=5.6km az=118.0

KRNET 08 04:21:45.1, 0.1, 40.95N, 74.86E, h0km, mb3.3, ISC 08 04:21:44.9, 1.6, 40.87N, 0.05, 74.90E, 0.04, h4km, 12km, n28, r076/42, 14C-16D, Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details. Includes stations like NRN Naryn, ARLS Aral, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like JTS JuntasAbangare, ROSC El Rosal, ATAH Atahualpa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like ZNIK Zanjan, IGVZ Ghazvin, THKV Tehran-Karaj, etc.

Table with columns: PQL, Station Name, SNR, P, Pn, Time, Res, ISC. Includes stations like Pirkul, Altiaghaj, Kolahrood, etc.

AUST 08 05:26:12.1a.36.0.16.06S:175.95W,h99km,2km, Error ellipse: s-maj=3.6km s-min=2.6km az=321.0

ISCJB 08 05:27:12.3a.0.5.17.6S:0.1x178.31W:0.10,h579km, mb3.9/12, Error ellipse: s-maj=20.5km s-min=7.2km az=148.6

IDC 08 05:27:12.3a.1.3.17.80S:178.40W,h572km,15km, mb3.5/13, mb1.3.7/15, mb1mx3.6/24, mbmp4.4/15, Error ellipse: s-maj=15.9km s-min=9.6km az=140.0

ISC 08 05:27:12.7a.0.5.17.8S:0.1x178.31W:0.10,h579km,n45, r113/50,mb3.8/12,1C-4D, Fiji Islands region

Main table listing seismic stations with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like AFI Afiamalu, DZM Mont Dzumac, URZ Urewera, etc.

Main table listing seismic stations with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, ISC. Includes stations like ZNIK Zanjan, IGVZ Ghazvin, THKV Tehran-Karaj, etc.

Main table listing seismic stations with columns: PQL, Station Name, SNR, P, Pn, Time, Res, ISC. Includes stations like Pirkul, Altiaghaj, Kolahrood, etc.

ISN 08 05:30:19.6:1.6.37.25N:50.21E,h0km,93km IDC 08 05:30:26.6:1.0.36.96N:49.26E,h0km,mb4.0/13, mb1.4.0/17,mb1mx3.9/39,mbmp4.0/17,ML3.6/4,MS3.0/1, Ms1.3/0.1,ms1mx2.3/31, Error ellipse: s-maj=20.6km s-min=13.7km az=167.0

AZER 08 05:30:28.8:0.1.36.86N:49.14E,h18km,22km, Error ellipse: s-maj=75.8km s-min=11.0km az=345.0

THR 08 05:30:29.7:1.0.36.98N:49.53E,h14km,9km,ML4.2 ISCJB 08 05:30:29.7:0.2.36.93N:0.02:49.53E:0.03,h10km, mb4.1/16,MS3.1/3, Error ellipse: s-maj=4.2km s-min=2.2km az=149.0

CSEM 08 05:30:0.3:0.9.2.36.86N:49.44E,h15km,ML4.2, Error ellipse: s-maj=6.6km s-min=4.2km az=56.0

TEH 08 05:30:32.1.36.82N:49.45E,h5km,ML4.3

ISN 08 05:30:19.6:1.6.37.25N:50.21E,h0km,93km IDC 08 05:30:26.6:1.0.36.96N:49.26E,h0km,mb4.0/13, mb1.4.0/17,mb1mx3.9/39,mbmp4.0/17,ML3.6/4,MS3.0/1, Ms1.3/0.1,ms1mx2.3/31, Error ellipse: s-maj=20.6km s-min=13.7km az=167.0

AZER 08 05:30:28.8:0.1.36.86N:49.14E,h18km,22km, Error ellipse: s-maj=75.8km s-min=11.0km az=345.0

THR 08 05:30:29.7:1.0.36.98N:49.53E,h14km,9km,ML4.2 ISCJB 08 05:30:29.7:0.2.36.93N:0.02:49.53E:0.03,h10km, mb4.1/16,MS3.1/3, Error ellipse: s-maj=4.2km s-min=2.2km az=149.0

ISN 08 05:30:19.6:1.6.37.25N:50.21E,h0km,93km IDC 08 05:30:26.6:1.0.36.96N:49.26E,h0km,mb4.0/13, mb1.4.0/17,mb1mx3.9/39,mbmp4.0/17,ML3.6/4,MS3.0/1, Ms1.3/0.1,ms1mx2.3/31, Error ellipse: s-maj=20.6km s-min=13.7km az=167.0

AZER 08 05:30:28.8:0.1.36.86N:49.14E,h18km,22km, Error ellipse: s-maj=75.8km s-min=11.0km az=345.0

THR 08 05:30:29.7:1.0.36.98N:49.53E,h14km,9km,ML4.2 ISCJB 08 05:30:29.7:0.2.36.93N:0.02:49.53E:0.03,h10km, mb4.1/16,MS3.1/3, Error ellipse: s-maj=4.2km s-min=2.2km az=149.0

CSEM 08 05:30:0.3:0.9.2.36.86N:49.44E,h15km,ML4.2, Error ellipse: s-maj=6.6km s-min=4.2km az=56.0

SAUI	Saumlaki	39.45 283	PFAKE	LR	11 45 10.0 +6.6
SAUI	comp-Z,33um,20.0s				
RKPI	Ransiki, Papua	39.83 294	P	P	11 45 04.7 -1.8
WAKE	Wake Island	39.92 355	eP	P	11 45 06.2 -1.0
WAKE	comp-Z,425nm,1.1s				
WAKE	comp-Z,41um,21.0s				
H11N1	WAKE ISLAND Hy	40.33 355	T	T	12 27 51.5
H11N3	WAKE ISLAND Hy	40.34 356	T	T	12 27 51.5
H11N2	WAKE ISLAND Hy	40.35 356	T	T	12 27 51.5
FAKI	Fak Fak	40.80 291	P	P	11 45 12.0 -2.6
FAKI	Fak Fak	40.80 291	UP	P	11 45 12.4 -2.2
FAKI	Fak Fak	40.80 291	eP	P	11 45 12.4 -2.2
FAKI	comp-Z,91nm,0.9s				
FAKI	comp-Z,17um,19.0s				
FITZ	Fitzroy Crossi	41.81 266	P	P	11 45 21.0 -1.9
FITZ	comp-Z,55nm,0.7s,baz=108,slow=7.8,SNR=144				11 51 41.0 +3.8
FITZ	comp-Z,3.9nm,1.0s,baz=152,slow=18,SNR=2.5				12 02 31.1
FITZ	comp-Z,70um,19.9s,baz=102,slow=36				
FITZ	Fitzroy Crossi	41.81 266	P	P	11 45 21.1 -1.7
GUMO	Guam	42.12 322	LR	LR	12 03 34.6
SUJI	Sorong	42.66 293	P	P	11 45 27.4 -2.4
SUJI	comp-Z,93nm,0.9s,baz=112,slow=10.0,SNR=12				11 51 52.0 +2.2
SUJI	comp-Z,12nm,0.8s,baz=139,slow=20,SNR=1.8				12 02 18.4
KMBL	Kambalda	44.19 246	P	P	11 45 41.3 -0.7
PALU	Palau	44.69 305	UP	P	11 45 44.2 -1.8
SOEI	Soe	45.30 277	UP	P	11 45 50.5 -0.6
SOEI	Soe	45.30 277	eP	P	11 45 50.0 -1.1
SOEI	comp-Z,225nm,1.0s				
BATI	Baumata	45.71 276	P	P	11 45 52.3 -2.0
BATI	comp-Z,28nm,0.6s,baz=117,slow=4.5,SNR=4.0				11 52 38.4 +4.1
BATI	comp-Z,9.9nm,0.4s,baz=282,slow=17,SNR=2.2				12 04 52.0
MBWA	Marble Bar	46.77 260	eP	P	11 45 59.5 -2.9
MBWA	comp-Z,210nm,1.3s				
TNTI	Ternate	46.85 292	eP	P	11 46 04.7 +1.6
MEEK	Meekatharra	47.15 252	UP	P	11 46 04.3 -1.1
MMRI	Maumere	47.56 277	eP	P	11 46 06.9 -1.8
MMRI	comp-Z,158nm,1.0s				
KLBR	Kellerberrin	47.72 246	UP	P	11 46 08.5 -1.2
NWAO	Narrogin (SRO)	48.16 244	P	P	11 46 12.3 -0.9
NWAO	comp-Z,44nm,1.0s,baz=174,slow=6.4,SNR=7.5				12 07 43.0
NWAO	comp-Z,538nm,18.4s,baz=172,slow=38				11 46 12.8 -0.4
MORW	Morawa	49.27 249	UP	P	11 46 20.9 -0.9
TAOE	Nuku Hiva Isla	49.46 84	eS	S	11 53 28.9 +1.3
TAOE	comp-Z,15um,26.5s				12 00 35.7
DRV	Dumont d'Urville	49.75 195	P	P	11 46 22.0 -2.8
DRV	comp-Z,11um,2.4s				11 53 18.0 -1.4
DRV	comp-Z,13um,21.0s				11 57 00.0
MIDW	Midway	50.19 15	PFAKE	LR	11 46 40.0 +1.1
RKT	Rikitea	50.86 103	eP	P	11 46 36.2 +2.4
RKT	comp-Z,130nm,1.5s				11 53 47.0 +0.3
KAPI	Kappang	51.17 281	P	P	11 46 35.1 -1.2
KAPI	comp-Z,52nm,0.9s,baz=129,slow=5.8,SNR=12				11 53 55.3 +4.1
DAV	Davao City (W)	51.65 298	LR	LR	12 08 46.7
DAV	comp-Z,10um,18.7s,baz=113,slow=36				11 46 40.0 +0.2
POHA	Pohakuloa	52.54 42	PFAKE	LR	11 47 00.0 +1.3
TOLI	Toll-Toll	52.80 288	P	P	11 46 44.5 -3.9
JCJ	Chichijima	54.66 329	P	P	11 46 58.8 -2.9
JCJ	comp-Z,11nm,0.6s,baz=287,slow=19,SNR=2.6				12 08 49.0
CBIJ	Chichi jima	54.66 329	eP	P	11 46 59.9 -1.8
CBIJ	comp-Z,125nm,1.2s				11 54 40.5 +2.3
JAGI	Jajag, Banyuwya	55.15 274	UP	P	11 47 05.1 -0.4
JAGI	comp-Z,8um,20.0s				11 47 20.0 +1.4
RCP	Roxas	56.46 300	eP	P	11 47 14.8 0.0
MYLDM	Lahad Datu	56.71 291	UP	P	11 47 17.7 +1.0
MYLDM	Lahad Datu	56.71 291	eP	P	11 47 16.8 +0.1
TSM	Tawau	56.84 290	UP	P	11 47 18.9 +1.2
VNDA	Vanda	56.95 182	P	P	11 47 17.1 -0.3
VNDA	comp-Z,9.3nm,0.8s,baz=1.9,slow=6.6,SNR=26				11 55 14.5 +7.0
VNDA	comp-Z,0.2nm,0.3s,baz=325,slow=16,SNR=1.9				12 08 59.6
SBA	Scott Base	57.16 181	eP	P	11 47 19.1 +0.1
SBA	comp-Z,247nm,1.3s				11 49 25.5
SBA	comp-Z,13um,21.0s				11 47 19.1 +0.1
SBA	comp-Z,247nm,1.3s				11 49 25.5 -0.5
SDKM	Sandakan	58.07 291	UP	P	11 47 27.0 +0.7
UGM	Wanagama	58.72 273	P	P	11 47 30.4 -0.5
UGM	comp-Z,13um,21.0s				11 47 40.0 +9.1
KDM	Kudat	59.00 292	UP	P	11 47 34.0 +1.2
CASY	Casey	59.03 204	eP	P	11 47 31.7 -0.5
CASY	comp-Z,138nm,1.4s				11 47 32.2 -1.5
KKM	Kota Kinabalu	59.12 291	UP	P	11 47 32.8 -0.9
KKM	comp-Z,150nm,1.4s				11 47 32.1 -1.5
BTM	Bintulu	60.61 286	UP	P	11 47 46.3 +2.4
JHJ2	Mitsune	60.82 331	PFAKE	LR	11 48 00.0 +1.5
JHJ2	comp-Z,13um,18.0s				

SBUM	Sibu	61.07 285	UP	P	11 47 46.4 -0.5
SBUM	Sibu	61.07 285	eP	P	11 47 45.9 -1.0
CISI	Cisompot, Garu	61.37 273	PFAKE	LR	11 48 00.0 +1.1
CISI	comp-Z,12um,20.0s				
LEM	Lembang	61.80 273	LR	LR	12 15 58.3
LEM	Lembang	61.80 273	P	P	11 47 51.8 -0.3
JOW	Kunigami	62.22 318	PFAKE	LR	11 48 10.0 +1.6
JOW	comp-Z,2um,19.0s				
KSM	Kuching	62.40 283	P	P	11 47 55.1 -0.9
KSM	Kuching	62.40 283	UP	P	11 47 55.0 -0.9
KSM	Kuching	62.40 283	eP	P	11 47 54.6 -1.3
XMIS	Christmas Isla	62.46 269	PFAKE	LR	11 48 10.0 +1.4
YOJ	Yonaguni jima	64.10 312	PFAKE	LR	11 48 20.0 +1.3
YOJ	comp-Z,14um,20.0s				
MJAR	Matsushiro Arr	64.41 332	P	P	11 48 05.9 -2.9
MJAR	comp-Z,12nm,1.0s,baz=164,slow=7.3,SNR=14				11 56 45.1 +1.3
MJAR	comp-Z,0.4nm,0.5s,baz=155,slow=18,SNR=3.3				12 19 25.8
MAJO	Matsushiro	64.42 332	eP	P	11 48 07.0 -1.8
MAJO	comp-Z,3um,18.1s,baz=140,slow=39				
MAJO	comp-Z,150nm,1.1s				
MAJO	Matsushiro	64.42 332	eP	P	11 48 06.4 -2.4
MAJO	comp-Z,6um,19.0s				
MAT	Matsushiro	64.42 332	P	P	11 48 05.7 -3.1
MAT	comp-Z,23um,19.0s				11 56 44.6 +0.8
TWG	Pinlang	64.43 310	PFAKE	LR	11 48 20.0 +1.1
YULB	Yu-li	64.62 310	P	P	11 48 08.7 -1.7
NACB	Ninganchiao	64.90 311	eP	P	11 48 10.2 -2.0
TPUB	Tapu	65.05 310	eP	P	11 48 10.2 -2.9
SSLB	Suanglung	65.11 310	eP	P	11 48 11.3 -2.3
JNU	Nakatsue	65.30 324	eP	P	11 48 13.9 -0.8
JNU	comp-Z,11um,22.0s				11 48 13.2 -2.1
YHNB	Yeheng	65.37 311	eP	P	11 48 17.4 +1.5
YHNB	comp-Z,192nm,1.0s				
TATO	Taipei	65.49 312	eP	P	11 48 28.0 +1.0
TATO	comp-Z,9um,20.0s				
MIR	Mirnyy	65.97 205	UP	P	11 48 34.6 +2.1
MIR	comp-Z,160nm,1.0s				11 48 44.1 -2.5
MNAI	Manna	67.00 274	PFAKE	LR	11 48 40.0 +1.4
MNAI	comp-Z,12um,20.0s				
ERM	Erimo	67.20 339	PFAKE	LR	11 48 40.0 +1.3
ERM	comp-Z,20um,21.0s				
QZH	Quanzhou	67.52 310	UP	P	11 48 29.6 +0.7
QZH	comp-Z,90nm,1.0s				11 57 26.5 +4.6
QZH	comp-Z,2um,7.2s				
QZH	comp-Z,3um,10.2s				
QZH	comp-Z,7um,17.5s				
QZH	comp-Z,9um,17.2s				
YUK	Yuzh-Kuril'sk	68.16 341	d/P	P	11 48 34.6 +2.1
YUK	comp-Z,11um,19.0s				11 48 44.1 -2.5
MNIN	Manna	67.00 274	PFAKE	LR	11 48 40.0 +1.4
MNIN	comp-Z,12um,20.0s				
ERM	Erimo	67.20 339	PFAKE	LR	11 48 40.0 +1.3
ERM	comp-Z,20um,21.0s				
QZH	Quanzhou	67.52 310	UP	P	11 48 29.6 +0.7
QZH	comp-Z,90nm,1.0s				11 57 26.5 +4.6
QZH	comp-Z,2um,7.2s				
QZH	comp-Z,3um,10.2s				
QZH	comp-Z,7um,17.5s				
QZH	comp-Z,9um,17.2s				
YUK	Yuzh-Kuril'sk	68.16 341	d/P	P	11 48 34.6 +2.1
YUK	comp-Z,11um,19.0s				11 48 44.1 -2.5
MNIN	Manna	67.00 274	PFAKE	LR	11 48 40.0 +1.4
MNIN	comp-Z,12um,20.0s				
ERM	Erimo	67.20 339	PFAKE	LR	11 48 40.0 +1.3
ERM	comp-Z,20um,21.0s				
QZH	Quanzhou	67.52 310	UP	P	11 48 29.6 +0.7
QZH	comp-Z,90nm,1.0s				11 57 26.5 +4.6
QZH	comp-Z,2um,7.2s				
QZH	comp-Z,3um,10.2s				
QZH	comp-Z,7um,17.5s				
QZH	comp-Z,9um,17.2s				
YUK	Yuzh-Kuril'sk	68.16 341	d/P	P	11 48 34.6 +2.1
YUK	comp-Z,11um,19.0s				11 48 44.1 -2.5
MNIN	Manna	67.00 274	PFAKE	LR	11 48 40.0 +1.4
MNIN	comp-Z,12um,20.0s				
ERM	Erimo	67.20 339	PFAKE	LR	11 48 40.0 +1.3
ERM	comp-Z,20um,21.0s				
QZH	Quanzhou	67.52 310	UP	P	11 48 29.6 +0.7
QZH	comp-Z,90nm,1.0s				11 57 26.5 +4.6
QZH	comp-Z,2um,7.2s				
QZH	comp-Z,3um,10.2s				
QZH	comp-Z,7um,17.5s				
QZH	comp-Z,9um,17.2s				
YUK	Yuzh-Kuril'sk	68.16 341	d/P	P	11 48 34.6 +2.1
YUK	comp-Z,11um,19.0s				11 48 44.1 -2.5
MNIN	Manna	67.00 274	PFAKE	LR	11 48 40.0 +1.4
MNIN	comp-Z,12um,20.0s				
ERM	Erimo	67.20 339	PFAKE	LR	11 48 40.0 +1.3
ERM	comp-Z,20um,21.0s				
QZH	Quanzhou	67.52 310	UP	P	11 48 29.6 +0.7
QZH	comp-Z,90nm,1.0s				11 57 26.5 +4.6
QZH	comp-Z,2um,7.2s				
QZH	comp-Z,3um,10.2s				
QZH	comp-Z,7um,17.5s				
QZH	comp-Z,9um,17.2s				
YUK	Yuzh-Kuril'sk	68.16 341	d/P	P	11 48 34.6 +2.1
YUK	comp-Z,11um,19.0s				11 48 44.1 -2.5
MNIN	Manna	67.00 274	PFAKE	LR	11 48 40.0 +1.4
MNIN	comp-Z,12um,20.0s				
ERM	Erimo	67.20 339	PFAKE	LR	11 48 40.0 +1.3
ERM	comp-Z,20um,21.0s				
QZH	Quanzhou	67.52 310	UP	P	11 48 29.6 +0.7
QZH	comp-Z,90nm,1.0s				11 57 26.5 +4.6
QZH	comp-Z,2um,7.2s				
QZH	comp-Z,3um,10.2s				
QZH	comp-Z,7um,17.5s				
QZH	comp-Z,9um,17.2s				
YUK	Yuzh-Kuril'sk	68.16 341	d/P	P	11 48 34.6 +2.1
YUK	comp-Z,11um,19.0s				11 48 44.1 -2.5
MNIN	Manna	67.00 274	PFAKE	LR	11 48 40.0 +1.4
MNIN	comp-Z,12um,20.0s				
ERM	Erimo	67.20 339	PFAKE	LR	11 48 40.0 +1.3
ERM	comp-Z,20um,21.0s				
QZH	Quanzhou	67.52 310	UP	P	11 48 29.6 +0.7
QZH	comp-Z,90nm,1.0s				11 57 26.5 +4.6
QZH	comp-Z,2um,7.2s				
QZH	comp-Z,3um,10.2s				
QZH	comp-Z,7um,17.5s				
QZH	comp-Z,9um,17.2s				
YUK	Yuzh-Kuril'sk	68.16 341	d/P	P	11 48 34.6 +2.1
YUK	comp-Z,11um,19.0s				11 48 44.1 -2.5
MNIN	Manna	67.00 274	PFAKE	LR	11 48 40.0 +1.4
MNIN	comp-Z,12um,20.0s				
ERM	Erimo	67.20 339	PFAKE	LR	11 48 40.0 +1.3
ERM	comp-Z,20um,21.0s				
QZH	Quanzhou	67.5			

L25A	baz=101 Engelbretsen Ra	100.81	49	Pdiff	Pdiff	11 51 22.1 +0.8
KSCO	baz=101 Kaye Shedlock	100.81	52	Pdiff	Pdiff	11 51 22.1 +0.7
KSCO	baz=101 Kaye Shedlock	100.81	52	PFAKE LR	LR	11 51 30.0 +8.6
533A	comp=Z,10um,19.0s Keriville	100.92	62	Pdiff	Pdiff	11 51 22.1 +0.2
S28A	baz=101 Manter	100.93	54	Pdiff	Pdiff	11 51 22.1 +0.3
N26A	baz=101 Koester Ranch,	100.94	51	Pdiff	Pdiff	11 51 21.7 -0.1
734A	baz=101 La Parita Cree	100.95	63	Pdiff	Pdiff	11 51 21.8 -0.3
232A	baz=101 Coleman	100.97	60	Pdiff	Pdiff	11 51 22.3 +0.2
GOA	GOA	100.97	282	eP AMB	Pdiff AMB	11 51 20.3 -2.1 11 51 50.3
Z31A	comp=Z,47nm,1.3s Sharp Cattle R	101.00	59	Pdiff	Pdiff	11 51 22.7 +0.5
P27A	baz=101 Ficken Ranch,	101.02	52	Pdiff	Pdiff	11 51 23.0 +0.7
K25A	baz=101 Mack Ranch, Ha	101.02	49	Pdiff	Pdiff	11 51 22.1 -0.1
U29A	baz=101 Oasis Ranch, S	101.06	55	Pdiff	Pdiff	11 51 22.5 0.0
433A	baz=101 Art	101.08	61	Pdiff	Pdiff	11 51 21.9 -0.7
Y31A	baz=101 Rekieta Farm,	101.10	58	Pdiff	Pdiff	11 51 23.1 +0.5
KV7X	baz=101 Kingsville	101.12	65	PFAKE LR	LR	11 51 30.0 +7.2
M26A	comp=Z,9um,18.0s McRoberts Ranc	101.19	50	Pdiff	Pdiff	11 51 23.3 +0.3
ABTX	baz=101 Abilene, Hawle	101.19	59	Pdiff	Pdiff	11 51 23.3 +0.2
ABTX	baz=101 Abilene, Hawle	101.19	59	ePdiff LR	Pdiff LR	11 51 31.0 +7.9
W30A	comp=Z,10um,20.0s Crocket Farms	101.22	57	Pdiff	Pdiff	11 51 23.7 +0.5
R28A	baz=101 Tribune	101.22	53	Pdiff	Pdiff	11 51 23.9 +0.7
T29A	baz=101 Hugoton	101.25	55	Pdiff	Pdiff	11 51 22.9 -0.4
O27A	baz=102 Beecher Island	101.28	51	Pdiff	Pdiff	11 51 24.4 +1.0
634A	baz=102 China Grove, S	101.28	63	Pdiff	Pdiff	11 51 24.4 +0.9
V30A	baz=102 Spur Ranch, Mi	101.30	56	Pdiff	Pdiff	11 51 25.2 +1.6
J25A	baz=102 Sunshine Ranch	101.31	48	Pdiff	Pdiff	11 51 24.0 +0.6
333A	baz=102 Richland Sprin	101.34	61	Pdiff	Pdiff	11 51 24.7 +0.9
RSSD	baz=102 Black Hills	101.37	47	eP MLR	Pdiff MLR	11 51 24.0 +0.1
RSSD	comp=Z,5um,21.0s Black Hills	101.37	47	ePdiff LR	Pdiff LR	11 51 24.0 +0.1
534A	comp=Z,5um,21.0s Blanco	101.37	62	Pdiff	Pdiff	11 51 24.1 +0.2
835A	baz=102 Beeville	101.39	64	Pdiff	Pdiff	11 51 24.9 +0.9
L26A	baz=102 Underwood Farm	101.41	49	Pdiff	Pdiff	11 51 24.3 +0.3
Q28A	baz=102 Sharon Springs	101.42	53	Pdiff	Pdiff	11 51 24.3 +0.3
N27A	baz=102 Anderson Farm,	101.42	51	Pdiff	Pdiff	11 51 24.8 +0.8
X31A	baz=102 McDonald Ranch	101.52	57	Pdiff	Pdiff	11 51 24.1 -0.4
S29A	baz=102 Ulysses	101.53	54	Pdiff	Pdiff	11 51 25.5 +0.9
Z32A	baz=102 Haskell	101.53	59	Pdiff	Pdiff	11 51 24.8 +0.3
K26A	baz=102 Motz Farm, Whi	101.53	49	PKIKP	PKIKP	11 55 42.4 -5.7
I25A	baz=102 Rochford	101.55	47	Pdiff	Pdiff	11 51 25.3 +0.7
U30A	baz=102 WK&C Inc. Balk	101.56	55	Pdiff	Pdiff	11 51 26.3 +1.6
735A	baz=102 Kenedy	101.58	63	PKIKP	PKIKP	11 55 41.2 -7.3
233A	baz=102 Rising Star	101.61	60	Pdiff	Pdiff	11 51 26.1 +1.1
P28A	baz=102 Saint Francis	101.63	52	PKIKP	PKIKP	11 55 43.6 -4.9
YKA	baz=102 Yellowknife Ar	101.69	27	P	Pdiff	11 51 22.9 -1.5
M27A	comp=Z,1.8nm,0.6s,ba=252,slow=4.7,SNR=6.7 Reverse DX Ran	101.75	50	PKIKP	PKIKP	11 55 41.3 -7.3
R29A	baz=102 Marienthal	101.75	53	Pdiff	Pdiff	11 51 26.5 +1.0
Y32A	baz=102 R-V Farms, Ver	101.76	58	PKIKP	PKIKP	11 55 42.1 -6.7
635A	baz=102 Leesville	101.77	63	PKIKP	PKIKP	11 55 41.4 -7.5
133A	baz=102 Hamilton Ranch	101.78	60	Pdiff	Pdiff	11 51 26.1 +0.5
434A	baz=102 Burnet	101.78	61	Pdiff	Pdiff	11 51 27.0 +1.3
O28A	baz=102 Kruisinger Ran	101.78	52	Pdiff	Pdiff	11 51 26.1 +0.5
DDI	baz=102 Dehra Dun	101.78	298	eP AMB	Pdiff AMB	11 51 25.3 -0.5 11 51 39.1
J26A	comp=Z,14nm,1.3s Sides Ranch, S	101.79	48	Pdiff	Pdiff	11 51 27.1 +1.5
T30A	baz=102 Plains	101.81	55	Pdiff	Pdiff	11 51 26.7 +1.0
H25A	baz=102 Fruitdale	101.82	47	Pdiff	Pdiff	11 51 26.8 +1.1
OGNE	baz=102 Ogallala	101.83	51	Pdiff	Pdiff	11 51 27.7 +1.9
OGNE	OGNE	101.83	51	PFAKE LR	LR	11 51 40.0 +1.4
HOPE	comp=Z,6um,20.0s Hope Point	101.88	165	PFAKE LR	LR	11 51 40.0 +1.4
POO	comp=Z,10um,21.0s Poona	101.90	285	eP AMB	Pdiff AMB	11 51 24.9 -1.7 11 51 42.3
334A	comp=Z,33nm,4.1s Lometa	101.95	61	Pdiff	Pdiff	11 51 27.4 +0.9
L27A	baz=102 T5 Ranch, Ells	101.96	49	PKIKP	PKIKP	11 55 42.2 -6.8
V31A	baz=102 Spring Creek L	101.97	56	Pdiff	Pdiff	11 51 28.1 +1.6
Q29A	baz=102 Oakley	102.00	53	Pdiff	Pdiff	11 51 26.9 +0.3
X32A	baz=102 Elmer	102.01	58	PKIKP	PKIKP	11 55 43.1 -6.0
S30A	baz=102 Montezuma	102.03	54	Pdiff	Pdiff	11 51 26.8 +0.1
Z33A	baz=102 Whitaker Ranch	102.09	59	Pdiff	Pdiff	11 51 26.9 -0.2
G25A	baz=102 Newell	102.11	46	Pdiff	Pdiff	11 51 26.5 -0.4
N28A	baz=102 Pribbeno Ranch	102.11	51	Pdiff	Pdiff	11 51 27.6 +0.6
535A	baz=102 Dale	102.12	62	PKIKP	PKIKP	11 55 37.3 -1.2
U31A	baz=102 Nine Bar Ranch	102.13	56	Pdiff	Pdiff	11 51 27.3 0.0
I26A	baz=102 New Underwood	102.15	47	Pdiff	Pdiff	11 51 28.0 +0.9
K27A	baz=102 Flueckinger Fa	102.20	49	Pdiff	Pdiff	11 51 28.2 +0.8
234A	baz=102 Clairette	102.23	60	Pdiff	Pdiff	11 51 28.6 +0.9
W32A	baz=102 Sentinel	102.24	57	Pdiff	Pdiff	11 51 29.1 +1.4
Z29A	baz=102 Atwood	102.25	52	Pdiff	Pdiff	11 51 27.8 +0.1
F25A	baz=102 Bowman	102.30	45	Pdiff	Pdiff	11 51 28.0 +0.2
435B	baz=102 Jarrell	102.33	62	Pdiff	Pdiff	11 51 28.8 +0.7
R30A	baz=102 Dighton	102.36	54	Pdiff	Pdiff	11 51 28.5 +0.3
H26A	baz=103 Fairpoint	102.38	47	Pdiff	Pdiff	11 51 29.0 +0.9
636A	baz=103 Smothers Creek	102.39	63	PKIKP	PKIKP	11 55 46.2 -3.7
Y23A	baz=103 Hilltop Ranch,	102.41	58	Pdiff	Pdiff	11 51 28.5 0.0
M28A	baz=103 Bar X Bar Ranc	102.44	50	Pdiff	Pdiff	11 51 28.8 +0.3
134A	baz=103 White-Moore Ra	102.44	60	Pdiff	Pdiff	11 51 28.9 +0.2
T31A	baz=103 Randall Ranch,	102.47	55	Pdiff	Pdiff	11 51 29.0 +0.3
O29A	baz=103 4D Ranch, Culb	102.49	52	Pdiff	Pdiff	11 51 29.3 +0.6
WMOK	comp=Z,10um,20.0s Wichita Mounta	102.50	57	PFAKE LR	LR	11 51 40.0 +1.1
E25A	comp=Z,7um,18.0s Miller Ranch,	102.51	45	Pdiff	Pdiff	11 51 29.3 +0.7
L28A	baz=103 Connealy Angus	102.51	50	Pdiff	Pdiff	11 51 29.4 +0.6
J27A	baz=103 Elkhorn Farm,	102.52	48	Pdiff	Pdiff	11 51 29.2 +0.4
S36A	baz=103 Bastrop	102.56	62	PKIKP	PKIKP	11 55 47.0 -3.3
DGMT	baz=103 Dagmar	102.56	43	Pdiff	Pdiff	11 51 29.1 +0.3
DGMT	comp=Z,7um,18.0s Dagmar	102.56	43	PFAKE LR	LR	11 51 40.0 +1.1
V32A	comp=Z,10um,20.0s Arapaho	102.57	56	PKIKP	PKIKP	11 55 47.0 -3.2
Q30A	baz=103 Quinter	102.59	53	Pdiff	Pdiff	11 51 29.5 +0.3
X35A	baz=103 Moody	102.60	61	Pdiff	Pdiff	11 51 30.9 +1.6
X33A	baz=103 Lawton	102.67	58	Pdiff	Pdiff	11 51 30.3 +0.7
G26A	baz=103 Maurine	102.69	46	PKIKP	PKIKP	11 55 49.0 -1.2
I27A	baz=103 Quinn	102.72	48	PKIKP	PKIKP	11 55 48.4 -1.9
P30A	baz=103 Selden	102.74	52	Pdiff	Pdiff	11 51 29.5 -0.3
D25A	baz=103 Fairfield	102.75	44	Pdiff	Pdiff	11 51 30.9 +1.2
SMLA	comp=Z,8.7nm,2.6s Simia	102.75	299	eP AMB	Pdiff AMB	11 51 29.0 -1.0 11 51 49.1
S31A	baz=103 Mullinville	102.77	55	Pdiff	Pdiff	11 51 30.5 +0.5
WHTX	baz=103 Lake Whitney	102.78	61	Pdiff	Pdiff	11 51 29.5 -0.7
WHTX	comp=Z,10um,20.0s Lake Whitney	102.78	61	PFAKE LR	LR	11 51 40.0 +1.0
U32A	comp=Z,10um,20.0s Winter Ranch,	102.79	56	PKIKP	PKIKP	11 55 45.2 -5.4
Z34A	baz=103 Collier Ranch,	102.80	59	Pdiff	Pdiff	11 51 30.7 +0.5
F26A	baz=103 Lodgepole	102.81	46	PKIKP	PKIKP	11 55 48.1 -2.3
N29A	baz=103 Votaw Ranch, W	102.81	51	Pdiff	Pdiff	11 51 30.7 +0.6
K28A	baz=103 Ten Mile Ranch	102.82	49	Pdiff	Pdiff	11 51 31.2 +1.0
H27A	baz=103 Howes	102.86	47	Pdiff	Pdiff	11 51 30.9 +0.7
W33A	baz=103 Caddo, Fort Co	102.86	57	Pdiff	Pdiff	11 51 30.9 +0.5
CBKS	baz=103 Cedar Bluff	102.91	53	Pdiff	Pdiff	11 51 31.2 +0.6
CBKS	baz=103 Cedar Bluff	102.91	53	PFAKE LR	LR	11 51 40.0 +9.4
R31A	comp=Z,6um,21.0s Burdett	102.92	54	Pdiff	Pdiff	11 51 32.8 +2.1
M29A	baz=103 Burnside Ranch	102.94	50	Pdiff	Pdiff	11 51 32.6 +1.9
C25A	baz=103 Freed Ranch, W	102.95	44	Pdiff	Pdiff	11 51 32.2 +1.6
436A	baz=103 Wall Ranch, Ga	102.98	62	Pdiff	Pdiff	11 51 32.8 +1.8
135A	baz=103 Vickery Place,	102.98	60	Pdiff	Pdiff	11 51 34.6 +3.6
O30A	baz=103 MW Ranch, Wils	103.05	52	Pdiff	Pdiff	11 51 33.5 +2.3
Y34A	baz=103 Keegan Ranch,	103.09	59	Pdiff	Pdiff	11 51 35.1 +3.6
J28A	baz=103 Allard Ranch,	103.11	48	Pdiff	Pdiff	11 51 35.9 +4.5
336A	baz=103 Riesel	103.11	61	Pdiff	Pdiff	11 51 34.5 +2.9
E26A	baz=103 Carlson Angus	103.12	45	Pdiff	Pdiff	11 51 35.2 +3.8
B25A	baz=103 Knox Farm, Ray	103.17	43	Pdiff	Pdiff	11 51 35.4 +3.9
G27A	baz=103 Dupree	103.17	46	Pdiff	Pdiff	11 51 34.7 +3.1
537A	baz=103 Green Hill Far	103.18	63	Pdiff	Pdiff	11 51 31.3 -0.6
V33A	baz=103 Lossen Ranch,	103.19	57	Pdiff	Pdiff	11 51 34.9 +3.0
N30A	baz=103 Hueffelt Ranch,	103.19	51	PKIKP	PKIKP	11 55 51.2 0.0
S32A	baz=103 Newy Ranch, P	103.21	55	Pdiff	Pdiff	11 51 33.5 +1.6
X34A	baz=103 Smith Ranch, M	103.21	58	Pdiff	Pdiff	11 51 33.5 +1.5
Q31A	baz=103 Ellis	103.22	53	Pdiff	Pdiff	11 51 35.7 +3.7
DDI	baz=103 Lemmon	103.25	46	Pdiff	Pdiff	11 51 34.4 +2.4
L29A	baz=103 Maesberg Ranch	103.27	50	PKIKP	PKIKP	11 55 48.7 -2.6
D26A	baz=104 Manning	103.29	45	Pdiff	Pdiff	11 51 33.2 +1.1
MKAR	comp=Z,0.5nm,0.5s,ba=106,slow=4.6,SNR=3.9 Makanchi Array	103.30	315	Pdiff PP	Pdiff PP	11 51 30.3 -1.8 11 55 43.8 -4.5
MKAR	comp=Z,1.7nm,0.9s,ba=109,slow=9.0,SNR=3.1 Midland	103.31	48	Pdiff	Pdiff	11 51 31.9 -0.4
Z35A	baz=104 Perchaven, San	103.32	59	Pdiff	Pdiff	11 51 35.4 +2.9
P31A	baz=104					

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Table with columns: ID, Name, Az, El, AzEl, PK1, PK2, AzEl, PK1, PK2, AzEl, PK1, PK2. Includes entries like Pettibone, Tap, Rude Farm, Bot, Otter Creek Ra, Verdigre, Galy, Leola, Quinton, Walnut Farm, R, Walsey, Kirbyville, Oologah, Kansas State U, Kansas State U, Maddox, Maddox, Maddox, Boggs Farm, Ca, Emporia Municipi, Bunkhouse Ranc, Parkston, Jud, Idabel, Taylor Creek F, Beatrice, Bronson, Flin Flon, Hoskins, Whitesboro, Wagenman Farm, Hulbert, Mercer Eighty, Buchanan, Lake Cedric, C, Irene McRaven, Salina, Lincoln, Manning Farm, Duane Minner, Hardington, Kashi, Karley and Nic, Aspy Farms, Fr, Poteau, Gordon, Harris, Lockesburg, Carlson Farm, Mose, Pekin, Davis, Humboldt, Cheneyville 18, Arnold C. Orve, Nome, Svendsen Farm, Canehill, Myrtle Farm, E, Fort Scott, Coleman, Gravette, McClaffin, Tow, EROS Data Cent, EROS Data Cent, Tabor, Teagarden Farm, Good Intent, A, Prehn Over Nor, Le Mars, Landman Farms, Tegucigalpa, Un, Mount Ida, Mount Ida, Kurchatov, Kurchatov, Kurchatov Arra, Nana, Braaten, Kindr, Greenbush Farm, George, Bolckow.

Table with columns: ID, Name, Az, El, AzEl, PK1, PK2, AzEl, PK1, PK2, AzEl, PK1, PK2. Includes entries like Bielow Farm, R, Longview Farm, BHJ, Hadley, 5 Mile Ranch, Linda, St. Vin, Storm Lake, Spellman Lake, Milford, Westby DABS, E, Ashes, Strandq, JuntasAbangare, Creekview Farm, University of, Bishkek, Park Rapids, Erkin-Say, State Center, Vicksburg, Vicksburg, Pequot Lakes, Remer, St. Paul, St. Paul, Goodland, Poplar Bluff, Memphis-Engin, Oxford, Portageville, Saint Louis, Otavalo, Fort Churchill, Southern Illin, Ely, Ely, Jewell Farm, Brewton, Ambohimanpon, Waverly, Olney, University of, Isla Barro Col, Borovoye Array, Scholer Farm, Scholer Farm, Bloomington, Grayling, Ann Arbor, Alum Creek Sta, Jenkinsville, Kings Mountain, Mount Denham, New Hope.

Table with columns: ID, Name, Az, El, AzEl, PK1, PK2, AzEl, PK1, PK2, AzEl, PK1, PK2. Includes entries like Blacksburg, Akbulak array, Arti, Arti, Sadowa, Guanantamo Bay, Wadi Hiliu, Solikamsk, Cliffs of, Alibeck, Sutherland, Aktuyubinsk, Standing Stone, Mt. Morris Dam, Kingsbay, Corbin, Santo Domingo, Soldier's Deli, Kingsbay, Spitsbergen Ar, Spitsbergen Ar, Spitsbergen Ar, Keystone Colle, Port-au-Prince, Lehigh Univers, Lake Ozonia, Ogdensburg, Basking Ridge, Newcomb, Presa de Saban, Central Park, Palisades, Adirondack Con, Troy, Grand Turk, Yale, Danmarks Havn, Hanover, Franklin Falls, Adam Dzewonski, Bryant College, Lovozero, Summit, Summit, Waterville, Apatity, Arces, Arces Array B, Arces Array S, Kangerlussuaq, Kangerlussuaq, San Juan, San Juan, San Juan.

8d 12h

Table with columns for station code, name, frequency, and various signal quality metrics (PKP, P, etc.). Includes stations like Novy Kostel, Alonnissos, and Kasperse Hory.

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Table with columns for station code, name, frequency, and various signal quality metrics. Includes stations like Terra Mystica, PDO, and WLF.

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Table with columns for station code, name, frequency, and various signal quality metrics. Includes stations like Marneleto, Marneleto, and DBC.

WEL 08 11:53:33.8-0.2, 40:475x-176:78E, h12km, ML3.4/29, 4C-8D, Error ellipse: s-maj=2.2km s-min=0.8km az=90.0,

Table with columns for Code, Station Name, Azimuth, Phase ID, Time, and Signal Quality. Includes stations like Porangahau, Anzang Road, and Pawanui.

ISCJB 08 12:01:00.6-0.5, 23:14S:0:04:66:69W:0:04, h231km, 5km,

CSEM 08 12:36:37.5, 0.1, 39.24N; 22.68E, h15km, ML1.9, Error ellipse: s-maj=2.9km s-min=2.1km az=171.0

ATH 08 12:36:37.8, 39.25N; 22.68E, h9km, MD2.79 THE 08 12:36:38.1, 39.26N; 22.70E, h12km, ML1.9, Error ellipse: s-maj=1.9km s-min=0.6km az=302.0, Greece

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

ROM 08 12:37:51.0, 0.3, 42.54N; 13.24E, h9km, 3km, Md1.7/4, M1.3/2, Error ellipse: s-maj=9.0km s-min=2.3km az=127.0, Central Italy

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like RM29, SMA1, etc.

IDC 08 12:38:40.8, 1.3, 8.41N; 127.31E, h0km, mb3.6/5, mb1 3.7/6, mb1mx3.6/5, mbtmp3.6/6, ML4.0/1, Error ellipse: s-maj=46.8km s-min=21.5km az=74.0

ISCJB 08 12:38:43.1, 1.1, 8.02N; 0.07; 127.22E; 0.07, h10km, mb3.6/5, Error ellipse: s-maj=11.7km s-min=6.6km az=37.6

ISC 08 12:38:44.8, 1.7, 8.03N; 0.09; 127.1E; 0.1, h10km, n12, r153/12, mb3.8/5, 2C, Philippine Islands region

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

IDC 08 13:00:25.6, 0.6, 30.57N; 142.05E, h0km, mb3.9/16, mb1 4.1/20, mb1mx4.0/2, mbtmp3.9/20, ML3.7/4, Error ellipse: s-maj=21.2km s-min=15.0km az=79.0

ISCJB 08 13:00:26.7, 0.4, 30.62N; 0.03; 142.05E; 0.09, h23km, mb4.0/18, Error ellipse: s-maj=11.3km s-min=3.2km az=168.1

JMA 08 13:00:26.8, 0.2, 30.63N; 142.25E, h43km, M4.5 NEIC 08 13:00:27.2, 2.8, 30.53N; 142.04E, h14km, 17km, mb4.6/2, Error ellipse: s-maj=10.6km s-min=5.9km az=81.0

ISC 08 13:00:28.7, 0.6, 30.63N; 0.05; 142.12E; 0.09, h23km, n48, r154/59, mb4.0/18, Southeast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like JHCJ, JHU2, etc.

Table with columns: JOD2, Odawara 2, JHU, Hanno, JYT, Yasuto, etc. Lists stations and their coordinates.

CSEM 08 13:12:12.1, 1.1, 93N; 44.29E, h3km, ML4.0, DHMR 08 13:12:12.1, 1.3, 11.93N; 44.29E, h3km, 10km, ML4.0, Western Gulf of Aden

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

DJA 08 13:15:48.2, 0.3, 6.5; 6.106E; h193km, 7km, M4.1/20, mb4.4/7, mb5.2/1, MLV3.9/20, Mw(mb)4.6/1, Sunda Strait

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

IDC 08 13:28:28.6, 4.1, 13.56S; 166.92E, h0km, mb4.0/4, mb1 4.1/4, mb1mx3.7/27, mbtmp3.9/4, MS3.8/2, MS1 3.8/2, ms1mx3.4/35, Error ellipse: s-maj=115.2km s-min=48.4km az=123.0

NEIC 08 13:28:34.9, 2.0, 13.53S; 166.77E, h35km, mb4.3/1, Error ellipse: s-maj=73.3km s-min=27.9km az=133.0

ISC 08 13:28:34.6, 2.9, 13.65S; 0.4; 166.8E; 0.6, h35km, n8, r154/61, mb3.9/5, Vanuatu Islands

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

0.1nm, 0.4s, baz=90, slow=5.8, SNR=2.7 GERES 08 13:28:35.0, 0.3, 138.33N; 33.3PKP PKPdf 13 47 57.8 +1.3 0.4nm, 0.4s, baz=20, slow=3.1, SNR=4.0

IDC 08 13:48:03.5, 6.2, 7.05S; 148.15E, h88km, 51km, mb3.5/2, mb1 3.5/4, mb1mx3.2/31, mbtmp3.7/4, Error ellipse: s-maj=88.1km s-min=51.2km az=125.0, Eastern New Guinea region

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

MEX 08 14:17:24.8, 0.6, 18.53N; 101.160W, h48km, 12km, MD4.6 NEIC 08 14:17:24.3, 0.3, 18.53N; 101.148W, mb4.6/78, MD4.6(MEX), Error ellipse: s-maj=6.1km s-min=3.5km az=224.0

NEIC Felt at Morelia, Patzcuaro, Santa Clara del Cobre and Tinguamato

BUI 08 14:17:25.2, 9.9, 18.81N; 101.30W, h78km, mb5.4/1, ISCJB 08 14:17:25.6, 0.4, 18.69N; 0.02; 101.38W; 0.03, h104km, 2km, mb4.6/96, Error ellipse: s-maj=4.8km s-min=2.6km az=138.1

IDC 08 14:17:27.5, 2.9, 18.81N; 101.29W, h99km, 24km, mb4.3/25, mb1 4.4/27, mb1mx4.3/35, mbtmp4.6/27, MS4.1/3, MS1 4.1/3, ms1mx3.3/38, Error ellipse: s-maj=19.5km s-min=9.9km az=53.0

MOS 08 14:17:27.1, 1.2, 18.83N; 101.34W, h108km, mb4.7/16, Error ellipse: s-maj=9.5km s-min=5.8km az=96.6

ISC 08 14:17:24.2, 0.6, 18.57N; 101.54W; 0.04, h78km, 5km, n645, r157/685, mb4.7/97, 7C, Guerrero

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

8d 14h

936A	North Padre Is	9.63	23	P	Pn	14 19 41.2 +1.3
832A	Faith Ranch, C	9.77	8	P	Pn	14 19 44.0 +2.1
834A	Tilden	9.89	16	P	Pn	14 19 45.1 +1.5
833A	Chaparral WMA,	9.90	11	P	Pn	14 19 45.1 +1.4
732A	Laxson Ranch,	10.21	8	P	Pn	14 19 49.3 +1.4
835A	Beeville	10.25	19	P	Pn	14 19 49.5 +1.1
733A	Divot King Ran	10.30	11	P	Pn	14 19 51.0 +1.8
734A	La Parita Cree	10.58	14	P	Pn	14 19 54.3 +1.4
735A	Kenedy	10.79	18	P	Pn	14 19 56.9 +1.1
631A	Perdido Creek	10.82	4	P	Pn	14 19 57.8 +1.4
TXAR	Lajitas Array	10.89	350	P	P	14 19 59.5 +2.3
TXAR	LR	1.0m,0.3s,baz=164,slow=15,SNR=49			LR	14 24 31.3
632A	Uvalde	11.00	8	P	Pn	14 20 00.1 +1.4
633A	Saathoff Ranch	11.05	11	P	Pn	14 20 00.5 +1.2
736A	Circle Diamond	11.11	21	P	Pn	14 20 01.2 +1.0
634A	China Grove, S	11.14	15	P	Pn	14 20 01.9 +0.9
737A	Port Lavaca	11.16	24	P	Pn	14 20 01.9 +1.1
635A	Leesville	11.30	17	P	Pn	14 20 03.7 +1.0
529A	Stev Forest Ra	11.52	357	P	Pn	14 20 08.2 +2.4
530A	J-C Ranch, Com	11.53	1	P	Pn	14 20 08.2 +2.3
738A	Farr-Stevens R	11.55	27	P	Pn	14 20 08.5 +0.3
531A	Rocksprings	11.57	4	P	Pn	14 20 08.4 +1.9
532A	Rocksprings	11.60	7	P	Pn	14 20 07.9 +1.1
636A	Smothers Creek	11.60	20	P	Pn	14 20 08.0 +1.2
533A	Kerrville	11.67	11	P	Pn	14 20 08.2 +0.4
534A	Blanco	11.74	13	P	Pn	14 20 09.2 +0.5
637A	Eagle Lake	11.81	23	P	Pn	14 20 09.6 -0.1
JCT	Junction City	11.96	7	eP	Pmax	14 20 12.3 +0.6
JCT	Junction City	11.96	7	P	Pn	14 20 12.3 +0.6
JCT	Junction City	11.96	7	eP	Pn	14 20 12.3 +0.6
535A	Dale	11.96	17	P	Pn	14 20 11.5 -0.3
429A	Davenport Ranc	12.00	359	P	Pn	14 20 13.9 +1.6
431A	Sonora	12.09	4	P	Pn	14 20 15.4 +2.0
536A	Bastrop	12.15	19	P	Pn	14 20 14.8 +0.5
430A	Baggett Ranch,	12.16	1	P	Pn	14 20 17.0 +2.5
433A	Art	12.33	10	P	Pn	14 20 17.2 +0.4
432A	Menard	12.35	7	P	Pn	14 20 18.4 +1.4
537A	Green Hill Far	12.40	22	P	Pn	14 20 17.6 -0.1
HKT	Hockley	12.46	24	eP	Pmax	14 20 18.2 -0.2
HKT	Hockley	12.46	24	eP	Pn	14 20 18.2 -0.2
434A	Burnet	12.54	13	P	Pn	14 20 19.7 0.0
TEIG	Tejich	12.62	80	P	Pn	14 20 19.9 -0.8
435B	Jarell	12.67	16	P	Pn	14 20 21.8 +0.4
331A	San Angelo	12.72	4	P	Pn	14 20 23.1 +1.0
330A	Mertzon	12.78	1	P	Pn	14 20 24.5 +1.6
332A	Millersview	12.86	7	P	Pn	14 20 24.3 +0.4
329A	Wagon Wheel Ra	12.86	358	P	Pn	14 20 25.8 +1.8
436A	Wall Ranch, Ga	12.88	19	P	Pn	14 20 24.0 -0.2
333A	Richard Sprin	12.90	10	P	Pn	14 20 24.7 +0.2
334A	Lometa	13.05	13	P	Pn	14 20 25.9 -0.5
437A	Phantom Ranch,	13.15	21	P	Pn	14 20 28.0 +0.2
335A	Moody	13.19	16	P	Pn	14 20 28.2 -0.1
230A	Sterling City	13.26	2	P	Pn	14 20 31.2 +1.9
438A	Sam Houston St	13.31	23	P	Pn	14 20 30.4 +0.5
229A	Bryant Ranch,	13.34	359	P	P	14 20 37.8 +0.6
231A	Bronte	13.35	4	P	Pn	14 20 31.5 +1.0
232A	Coleman	13.37	7	P	Pn	14 20 31.2 +0.5
336A	Riese	13.45	18	P	Pn	14 20 30.8 -0.9
540A	Vidor	13.47	29	P	Pn	14 20 31.9 0.0
228A	UT Block 9, Go	13.52	356	P	Pn	14 20 33.9 +1.1
233A	Rising Star	13.60	10	P	Pn	14 20 33.8 +0.1
439A	Center Grove,	13.63	26	P	Pn	14 20 34.0 -0.1
337A	Centerville	13.68	21	P	Pn	14 20 35.0 +0.2
234A	Clairette	13.72	12	P	Pn	14 20 35.4 0.0
WHTX	Lake Whitney	13.86	15	P	Pn	14 20 37.2 +0.1
WHTX	Lake Whitney	13.86	15	eP	Pn	14 20 36.8 -0.3
338A	Crockett	13.92	23	P	Pn	14 20 37.3 -0.5
440A	Kirbyville	13.93	28	P	Pn	14 20 37.6 -0.5
130A	Snyder	13.97	2	P	Pn	14 20 39.7 +1.0
129A	Stewart Farms,	14.00	359	P	Pn	14 20 39.5 +0.4
128A	Castleberry Fa	14.02	357	P	Pn	14 20 41.5 +2.3
131A	Roby	14.08	4	P	Pn	14 20 40.7 +0.6
ABTX	Ablene, Hawle	14.09	7	P	Pn	14 20 40.0 -0.2
ABTX	Ablene, Hawle	14.09	7	eP	Pn	14 20 38.9 -1.3
236A	Katherine and	14.11	18	P	Pn	14 20 40.5 +0.2
133A	Hamilton Ranch	14.17	9	P	Pn	14 20 40.4 -0.9
339A	Huntington	14.19	25	P	Pn	14 20 40.9 -0.4
134A	White-Moore Ra	14.28	12	P	Pn	14 20 41.7 -0.9
237A	Washetta, Mont	14.33	20	P	Pn	14 20 43.0 -0.3
135A	Vickery Place,	14.41	14	P	Pn	14 20 43.7 -0.6
NATX	Nacogdoches	14.52	24	P	Pn	14 20 45.5 -0.3
NATX	Nacogdoches	14.52	24	eP	Pn	14 20 44.9 -0.8
340A	Broncos	14.54	27	P	Pn	14 20 45.3 -0.6

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136A	Ennis	14.56	17	P	Pn	14 20 46.1 0.0
238A	Jacksonville	14.57	22	P	Pn	14 20 46.3 -0.1
Z29A	Hungry Hill Ra	14.63	359	P	Pn	14 20 47.7 +0.5
Z30A	Sanderson Ranc	14.66	1	P	Pn	14 20 47.9 +0.4
Z28A	Tucker Farm, M	14.67	357	P	Pn	14 20 49.2 +1.4
Z31A	Sharp Cattle R	14.74	5	P	Pn	14 20 48.6 0.0
Z32A	Hazen	14.79	7	P	Pn	14 20 49.1 -0.1
Z39A	Gary	14.82	24	P	Pn	14 20 49.1 -0.6
Z33A	Whitaker Ranch	14.86	9	P	Pn	14 20 49.0 -1.2
137A	Heron Place, G	14.90	19	P	Pn	14 20 50.2 -0.4
121A	Cookes Peak, D	14.99	339	P	P	14 20 54.2 -1.5
121A	Cookes Peak, D	14.99	339	eP	Pn	14 20 53.0 +1.0
Z34A	Collier Ranch,	15.09	12	P	Pn	14 20 52.8 -0.3
138A	Matattal Enter	15.18	21	P	Pn	14 20 53.0 -1.2
Z35A	Perchaven, San	15.19	14	P	Pn	14 20 53.5 -0.8
Y29A	Porterfield Fa	15.22	360	P	Pn	14 20 54.9 0.0
Y30A	Stafford Catti	15.25	2	P	Pn	14 20 55.4 +0.2
Y28A	McKinney Farm,	15.29	358	P	Pn	14 20 56.4 +0.7
Z36A	Blue Ridge	15.33	16	P	Pn	14 20 55.7 -0.4
Y31A	Rekieta Farm,	15.37	4	P	Pn	14 20 56.4 -0.2
MSTX	Muleshoe	15.37	356	P	Pn	14 20 55.5 -0.3
MSTX	Muleshoe	15.37	356	eP	Pn	14 20 56.0 -0.8
139A	Bunkhouse Ranc	15.44	23	P	Pn	14 20 56.6 -0.9
Y32A	R-V Farms, Ver	15.48	7	P	Pn	14 20 56.9 -1.1
Z37A	Pop Cattle C	15.50	19	P	Pn	14 20 57.9 -0.4
Y33A	Hilltop Ranch,	15.59	9	P	Pn	14 20 58.2 -1.2
Y34A	Reagan Ranch,	15.69	12	P	Pn	14 20 59.7 -1.0
Z38A	Mt. Pleasant	15.75	21	P	Pn	14 21 00.1 -1.4
Y35A	Marietta	15.79	14	P	Pn	14 21 00.4 -1.5
X29A	Tulia	15.81	359	P	Pn	14 21 02.3 0.0
X30A	Coker Ranch, T	15.82	2	P	Pn	14 21 01.8 -0.5
X28A	Dimmitt	15.89	358	P	Pn	14 21 03.0 -0.3
X32A	Elmer	15.91	7	P	Pn	14 21 02.9 -0.6
Y36A	Duran	15.97	16	P	Pn	14 21 02.9 -1.3
Z39A	Irene McRaven,	16.02	23	P	Pn	14 21 03.5 -1.4
X31A	McDonald Ranch	16.05	5	P	Pn	14 21 04.5 -0.7
X33A	Lawton	16.13	9	P	Pn	14 21 05.1 -1.1
AMTX	Amarillo	16.25	360	eP	Pn	14 21 07.3 -0.4
AMTX	Amarillo	16.25	360	eP	Pn	14 21 07.1 -0.6
LENM	Lemitar	16.27	344	P	Pn	14 21 08.8 +0.7
X35A	Drake	16.28	14	P	Pn	14 21 06.3 -1.7
WMOK	Wichita Mounta	16.29	8	P	Pmax	14 21 02.4 -5.7
WMOK	Wichita Mounta	16.29	8	P	Pn	14 21 02.4 -5.7
X34A	Smith Ranch, M	16.30	11	P	Pn	14 21 07.1 -1.2
LPM	Los Lunos Moun	16.32	345	eP	Pn	14 21 09.7 -0.6
Y38A	Idabel	16.45	20	P	Pn	14 21 08.7 -1.6
W29A	Amrallito	16.48	360	P	Pn	14 21 10.3 -0.4
LAZ	Ladron	16.54	344	eP	P	14 21 13.2 +0.4
X36A	Centrahoma	16.59	15	P	Pn	14 21 10.8 -1.1
W32A	Sentinel	16.61	7	P	Pn	14 21 11.2 -0.9
W28A	Vega	16.63	358	P	Pn	14 21 11.7 -0.8
Y39A	Lockesburg	16.68	22	P	Pn	14 21 12.0 -1.1
W33A	Caddo, Fort Co	16.73	9	P	Pn	14 21 12.8 -1.0
VBMS	Vicksburg	16.82	34	P	Pn	14 21 14.8 -2.0
X37A	Clayton	16.87	18	P	Pn	14 21 12.0 -1.4
ANMO	Albuquerque	16.88	346	P	LR	14 21 16.9 +0.4
ANMO	Albuquerque	16.88	346	eP	Pmax	14 28 23.6
ANMO	Albuquerque	16.88	346	eP	Pmax	14 21 17.4 +0.8
ANMO	Albuquerque	16.88	346	eP	Pmax	14 21 17.0 +0.4
W34A	Bridge Creek,	16.93	11	P	Pn	14 21 15.0 -1.1
W35A	Tecumseh	17.02	13	P	Pn	14 21 16.0 -1.3
X38A	Whitesboro	17.11	19	P	Pn	14 21 16.9 -1.4
V28A	Channing	17.12	358	P	Pn	14 21 18.5 -0.1
V30A	Spur Ranch, Mi	17.14	2	P	Pn	14 21 18.9 +0.1
V27A	Dan Oppiter Fa	17.16	356	P	Pn	14 21 19.1 +0.1
W36A	Wetumka	17.16	15	P	Pn	14 21 17.6 -1.3
V31A	Spring Creek L	17.20	5	P	Pn	14 21 19.0 -0.5
V32A	Arapaho	17.22	7	P	Pn	14 21 18.7 -1.0
V29A	Stinnett	17.23	0	P	Pn	14 21 19.4 -0.5
W37A	Quinton	17.37	17	P	Pn	14 21 20.2 -1.3
MIAR	Mount Ida	17.42	22	eP	Pmax	14 21 21.2 -0.9
MIAR	Mount Ida	17.42	22	P	Pn	14 21 20.2 -1.9
MIAR	Mount Ida	17.42	22	eP	Pn	14 21 21.2 -0.9
V33A	Lossen Ranch,	17.42	9	P	Pn	14 21 21.2 -1.0
V34A	Guthrie	17.56	11	P	Pn	14 21 22.4 -1.3
V34A	Guthrie	17.56	11	eP	Pn	14 21 22.2 -1.6
W38A	Poteau	17.57	19	P	Pn	14 21 22.8 -1.2
V35A	Meyer Ranch, C	17.62	13	P	P	14 21 23.0 -1.5
U28A	Mallet	17.75	358	P	P	14 21 25.9 -0.2
U31A	Nin Bar Ranch	17.79	4	P	Pn	14 21 25.9 -0.5
U29A	Oasis Ranch, S	17.81	1	P	Pn	14 21 26.5 -0.2
U27A	Thompson Grove	17.82	357	P	Pn	14 21 27.2 +0.1

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V36A	Jenks	17.84	15	P	P	14 21 26.0 -0.9
U32A	Winter Ranch,	17.88	7	P	P	14 21 27.0 -0.4
U30A	WK&E Inc. Balk	17.91	2	P	P	14 21 27.6 -0.2
TUL1	Tulsa	18.00	15	P	P	14 21 27.6 -1.1
TUL1	Tulsa	18.00	15	eP	P	14 21 26.4 -2.3
W18A	Petrified Fore	18.02	338	eP	Pn	14 21 30.6 +1.0
JTS	JuntasAbangare	18.04	115	P	Pn	14 21 32.7 +2.9
JTS	JuntasAbangare	18.04	115	eP	Pmax	14 21 32.4 +2.6
U33A	Lingo Farm, Me	18.05	9	P	P	14 21 28.3 -0.9
U34A	Anderson Ranch	18.14	10	eP	P	14 21 29.8 -0.5
U34A	Anderson Ranch	18.14	10	eP	P	14 21 29.4 -0.9
V37A	Hulbert	18.14	17	P	P	14 21 29.5 -0.8
U35A	Pawnee	18.23	12	P	P	14 21 30.1 -1.1

GMRC	Granite Mounta	20.45	325	P	P	14 21 57.2	+1.6
MURC	Murrieta	20.50	320	P	P	14 21 57.7	+1.7
Q32A	Mettler Ranch,	20.51	7	P	P	14 21 54.9	-1.1
R37A	Teagarden Farm	20.52	15	P	P	14 21 54.4	-1.7
Q24A	Divide	20.56	352	P	P	14 21 57.0	+0.1
Q33A	Connelly Farm,	20.60	8	P	P	14 21 56.1	-1.0
TIGA	Tifton	20.66	48	P	P	14 21 55.5	-2.2
TIGA	Tifton	20.66	48	eP	P	14 21 55.5	-2.2
Q34A	Chapman	20.66	10	P	P	14 21 56.6	-1.1
GLAT	Glass	20.68	29	eP	P	14 21 56.9	-0.9
PV04	Paradox Valley	20.77	343	eP	P	14 21 59.4	+0.4
Q35A	Mercer Eighty,	20.77	12	P	P	14 21 57.0	-1.8
PARMO	Parma	20.79	28	eP	P	14 21 58.2	-0.8
HEC	Hector,Ludlow	20.86	324	P	Pn	14 21 02.5	-0.7
KSU1	Kansas State U	20.90	11	P	P	14 22 09.5	-0.6
KSU1	Kansas State U	20.90	11	eP	P	14 21 59.8	-0.3
P28A	Saint Francis	20.93	360	P	P	14 21 59.7	-0.9
P30A	Selder	20.93	3	P	P	14 21 59.2	-1.3
P27A	Ficken Ranch,	20.93	358	P	P	14 22 00.7	+0.1
UTMT	University of	20.93	30	P	P	14 21 58.8	-1.7
SCI	San Clemente I	20.94	317	P	Pn	14 22 04.3	+0.2
P31A	Stockton	20.96	5	P	P	14 22 00.2	-0.7
P29A	Atwood	20.96	1	P	P	14 22 00.6	-0.4
P26A	Davis Ranch, A	20.97	356	P	P	14 22 01.3	+0.1
Q36A	Arnold C. Orve	20.99	13	P	P	14 22 00.3	-0.9
P33A	Williams Farm,	21.05	8	P	P	14 22 01.4	-0.5
SMCO	Snowmass	21.07	348	eP	P	14 22 03.2	+0.8
TU	Turquoise Moun	21.09	326	P	P	14 22 05.0	+2.6
P32A	Huitt Farm,	21.13	6	P	P	14 22 01.9	-0.8
BFSC	Mount Baldy Ra	21.21	321	P	P	14 22 06.0	+2.3
P34A	Walnut Farm, R	21.29	10	P	P	14 22 03.7	-0.7
ISCO	Idaho Springs	21.44	351	eP	Pmax	14 22 06.3	-0.1
ISCO	Idaho Springs	21.44	351	P	Pmax	14 22 06.4	+0.1
ISCO	Idaho Springs	21.44	351	eP	P	14 22 06.2	-0.1
GSC	Goldstone	21.47	324	P	P	14 22 09.1	+2.6
O28A	Krutsinger Ran	21.48	360	P	P	14 22 06.2	-0.3
SHPR	Sheep Range	21.52	329	eP	P	14 22 07.6	+0.6
O27A	Beecher Island	21.56	358	P	P	14 22 07.0	-0.3
O31A	Woolen Ranch,	21.59	5	P	P	14 22 07.1	-0.5
SWET	Sewanee	21.59	37	eP	P	14 22 04.8	-2.9
DECC	Green Verdugo	21.63	320	P	P	14 22 11.2	+3.1
O26A	Horse Wrangler	21.65	356	P	P	14 22 08.1	-0.2
P36A	Good Intent, A	21.68	13	P	P	14 22 07.4	-1.1
O33A	Hebron	21.70	8	P	P	14 22 07.5	-1.2
O32A	Brockman Farm,	21.80	7	P	P	14 22 09.7	0.0
EDW2	Edwards Air Fo	21.85	321	P	P	14 22 12.5	+2.0
SRU	San Rafael	21.90	341	eP	Pmax	14 22 11.0	-0.1
SRU	San Rafael	21.90	341	eP	Pmax	14 22 11.0	-0.1
MSU	Marysvale	21.92	337	eP	Pmax	14 22 12.0	+0.6
MSU	Marysvale	21.92	337	eP	Pmax	14 22 11.9	+0.6
O34A	Beatrice	21.94	10	P	P	14 22 09.9	-1.3
BLG	Laguna Peak	22.00	318	P	P	14 22 14.9	+2.9
N28A	Pribbeno Ranch	22.04	360	P	P	14 22 11.9	-0.6
LRMC	Laurel Mountai	22.09	323	P	P	14 22 14.9	+1.7
O35A	Humboldt	22.16	11	P	P	14 22 12.5	-1.1
N27A	Anderson Farm,	22.17	358	P	P	14 22 12.9	-1.0
N30A	Hueftle Ranch,	22.18	3	P	P	14 22 13.4	-0.5
N26A	Koester Ranch,	22.23	357	P	P	14 22 14.5	-0.1
O20A	White River Ci	22.25	346	P	P	14 22 15.2	+0.3
O20A	White River Ci	22.25	346	eP	P	14 22 15.0	+0.1
N31A	Bailey Ranch,	22.29	5	P	P	14 22 14.4	-0.7
TMUT	Trail Mountain	22.29	340	eP	P	14 22 15.6	+0.2
N32A	Stulken Farm,	22.29	6	P	P	14 22 14.7	-0.4
OGNE	Ogallala	22.30	359	P	P	14 22 15.1	-0.2
OGNE	Ogallala	22.30	359	eP	P	14 22 15.0	-0.3
FURC	Furnace Creek,	22.36	326	P	P	14 22 17.3	+1.5
N33A	J Bar K, Exete	22.37	8	P	P	14 22 15.1	-0.8
MPMC	Manual Prospec	22.40	324	P	P	14 22 17.9	+1.3
TPNV	Topopah Spring	22.41	328	P	P	14 22 17.3	+0.7
ARVC	Arvin	22.52	320	P	P	14 22 19.5	+1.9
N23A	Red Feather La	22.57	351	P	P	14 22 17.7	-0.7
CPCT	Cooper Cave	22.57	38	eP	P	14 22 14.9	-3.3
N34A	Lincoln	22.61	10	P	P	14 22 17.1	-1.3
ISA	Isabella	22.68	322	eP	Pmax	14 22 20.9	+1.5
ISA	Isabella	22.68	322	P	P	14 22 20.6	+1.3
ISA	Isabella	22.68	322	eP	P	14 22 20.9	+1.5
M28A	Bar X Bar Ranc	22.72	0	P	P	14 22 18.4	-1.6
MTDJ	Mount Denham	22.77	87	eP	P	14 22 20.3	-0.2
N35A	Tabor	22.78	12	P	P	14 22 18.0	-2.3
M31A	Lambrecht Ranc	22.80	5	P	P	14 22 20.1	-0.4
US1N	University of	22.80	29	P	P	14 22 18.3	-2.2
M29A	Burnside Ranch	22.81	2	P	P	14 22 20.6	0.0
M26A	McRoberts Farm	22.86	357	P	P	14 22 20.0	-1.2
M25A	Palm-Egill Farm	22.89	355	P	P	14 22 20.8	-0.7
M30A	Dale-Ortello V	22.93	3	P	P	14 22 20.9	-1.0

baz=23	GMRC	Granite Mounta	20.45	325	P	P	14 21 57.2	+1.6
baz=23	BGNE	Belgrade	22.94	7	P	P	14 22 21.1	-0.9
baz=23	BGNE	Belgrade	22.94	7	P	P	14 22 20.8	-1.1
comp=Z,7.7nm,0.9s	BGNE	Belgrade	22.94	7	eP	P	14 22 20.8	-1.1
epP	BGNE	Belgrade	22.94	7	P	P	14 22 20.8	-1.1
baz=23	PKM	Peak Mountain	22.98	319	P	P	14 22 24.0	+1.5
baz=23	GRAC	Grapevine Rang	23.03	326	P	P	14 22 24.3	+1.5
baz=23	TKL	Tuckaleechee C	23.16	39	P	P	14 22 20.9	-3.2
comp=Z,1.0nm,0.6s,baz=204,slow=11,SNR=15	R11A	Troy Canyon, C	23.20	331	P	P	14 22 25.2	+0.6
baz=23	M33A	Taylor Creek F	23.22	8	P	P	14 22 23.5	-1.1
baz=23	M34A	Aspy Farms, Fr	23.24	9	P	P	14 22 24.2	-0.6
baz=23	L30A	Spencer Herefo	23.35	3	P	P	14 22 25.5	-0.4
baz=23	L28A	Connealy Angus	23.36	0	P	P	14 22 25.0	-1.0
baz=23	M35A	Neola	23.36	11	P	P	14 22 25.1	-0.7
baz=23	SMMC	Simmler	23.36	319	P	P	14 22 26.5	+0.6
baz=23,SNR=7.5	L26A	Underwood Farm	23.42	357	P	P	14 22 26.4	-0.2
baz=23	L29A	Maesberg Ranch	23.43	2	P	P	14 22 26.5	-0.1
baz=23	L27A	T5 Ranch, Ellis	23.44	359	P	P	14 22 26.5	-0.3
baz=24	TIN	Tinemaha	23.53	325	P	P	14 22 28.9	+1.3
baz=24	L25A	Engelbretsen Ra	23.60	355	P	P	14 22 27.7	-0.5
baz=24	L31A	Butterfield Fa	23.64	5	P	P	14 22 27.4	-1.0
baz=24	DUG	Dugway	23.64	338	eP	Pmax	14 22 28.5	-0.1
comp=Z,8.0nm,0.9s	DUG	Dugway	23.64	338	P	Pmax	14 22 29.4	+0.9
baz=24,SNR=6.3	DUG	Dugway	23.64	338	eP	P	14 22 28.4	-0.1
comp=Z,7.9nm,0.9s	L34A	Swedish Farm,	23.73	10	P	P	14 22 27.8	-1.3
baz=24,SNR=9.1	L33A	Hoskins	23.80	8	P	P	14 22 29.0	-0.8
baz=24,SNR=8.7	TZTN	Tazwell	23.90	38	eP	P	14 22 28.3	-2.4
comp=Z,6.7nm,0.6s	K25A	Mack Ranch, Ha	24.04	356	P	P	14 22 32.1	0.0
baz=24,SNR=5.8	K27A	Flueckinger Fa	24.06	359	P	P	14 22 32.2	0.0
baz=24,SNR=6.3	K28A	Ten Mile Ranch	24.06	0	P	P	14 22 31.5	-0.7
baz=24	K30A	Basset	24.08	3	P	P	14 22 32.1	-0.2
SNR=6.0	K31A	O'Neill	24.09	5	P	P	14 22 32.4	-0.1
baz=24,SNR=5.2	K26A	Motz Farm, Whi	24.09	357	P	P	14 22 32.3	-0.2
baz=24,SNR=6.7	K29A	Lazy Trails An	24.13	2	P	P	14 22 32.7	-0.2
baz=24,SNR=8.9	K32A	Verdigre	24.20	6	P	P	14 22 32.7	-0.7
baz=24,SNR=6.8	K24A	Anderson Ranch	24.23	354	P	P	14 22 33.5	-0.3
baz=24	K33A	Hardington	24.26	8	P	P	14 22 33.3	-0.7
baz=24,SNR=5.4	MLAC	Mammoth Lakes	24.28	325	P	P	14 22 35.8	+1.3
comp=Z,2.4nm,0.7s	SCIA	State Center	24.32	15	eP	P	14 22 31.3	-3.2
baz=24	K23A	Bowen Ranch, D	24.35	353	P	P	14 22 34.4	-0.6
baz=24	KM5C	Kings Mountain	24.36	43	P	P	14 22 32.7	-2.2
baz=24	KM5C	Kings Mountain	24.36	43	eP	P	14 22 32.1	-2.8
comp=Z,1.4nm,0.6s	K22A	Casper	24.37	351	P	P	14 22 35.5	+0.3
baz=24,SNR=4.3	K22A	Casper	24.37	351	eP	P	14 22 35.0	-0.2
comp=Z,1.32nm,1.0s	K34A	Le Mar	24.48	10	P	P	14 22 35.1	-0.8
baz=24,SNR=6.0	HWUT	Hardware Ranch	24.50	342	eP	P	14 22 35.9	-0.5
comp=Z,2.4nm,0.8s	HWUT	Hardware Ranch	24.50	342	eP	P	14 22 35.9	-0.5
epP	NVAR	Mina Array Bea	24.59	327	P	P	14 22 54.5	0.0
comp=Z,9.3nm,0.7s,baz=153,slow=9.2,SNR=56	NVAR	Mina Array Bea	24.59	327	P	P	14 22 38.6	+1.3
PcP	NVAR	Mina Array Bea	24.59	327	P	P	14 26 14.6	+1.2
comp=Z,0.5nm,0.6s,baz=145,slow=3.3,SNR=3.7	K35A	Storm Lake	24.66	11	P	P	14 22 36.5	-1.1
baz=25	J26A	Sides Ranch, S	24.70	357	P	P	14 22 37.8	-0.2
baz=25,SNR=24	J30A	Dallas	24.73	4	P	P	14 22 37.8	-0.5
baz=25	J31A	Geddes	24.75	5	P	P	14 22 37.2	-1.3
baz=25,SNR=6.0	J28A	Allard Ranch,	24.77	1	P	P	14 22 38.5	-0.2
baz=25	J29A	Okreke	24.78	2	P	P	14 22 38.3	-0.4
baz=25	J25A	Sunshine Ranch	24.81	356	P	P	14 22 39.0	-0.1
baz=25,SNR=8.6	J24A	Dixie Ranch, L	24.82	352	P	P	14 22 39.1	-0.1
baz=25	J32A	Parkston	24.92	6	P	P	14 22 39.4	-0.5
baz=25	J33A	Davis	24.97	8	P	P	14 22 39.7	-0.7
baz=25,SNR=13	J23A	Dilts Ranch, B	24.98	353	P	P	14 22 40.2	-0.5
baz=25	SFIN	Scholer Farm	25.04	27	P	P	14 22 40.7	-0.3
baz=25,SNR=8.8	SFIN	Scholer Farm	25.04	27	eP	P	14 22 39.9	-1.1
comp=Z,9.6nm,1.0s	SFIN	Scholer Farm	25.04	27	eP	P	14 22 57.4	-1.7
epP	HVU	Hansel Valley	25.04	340	P	P	14 22 40.2	-1.1
comp=Z,1.0nm,1.1s	HVU	Hansel Valley	25.04	340	eP	Pmax	14 22 40.2	-1.1
comp=Z,1.0nm,1.1s	HVU	Hansel Valley	25.04	340	eP	P	14 22 40.2	-1.1
comp=Z,1.1nm,1.1s	BW06	Boulder Array	25.06	346	eP	P	14 22 39.9	-1.6
comp=Z,4.5nm,1.0s	J34A	George	25.08	10	P	P	14 22 40.8	-0.7
baz=25,SNR=15	J21A	Lysite	25.20	350	P	P	14 22 42.7	0.0
baz=25	J35A	Milford	25.29	11	P	P	14 22 42.5	-0.8
baz=25	J20A	Shoshoni	25.32	349	P	P	14 22 43.6	-0.1
baz=25,SNR=32	I28A	Midland	25.35	1	P	P	14 22 43.1	-0.8
baz=25	I29A	Vivian Onida	25.39	2	P	P		

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like U65B, N65B, NICH, etc.

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

Table with columns: JAR, MSH, XMIS, SBA, QSPA, CMAR, ULN, SONM, ILAR, MKAR. Includes station names, times, and phases.

IDC 08 15:30:30.0-2.0, 6.68N-123.35E, h0km, mb3.8/4, mb1 4.1/4, mb1mx3.4/4.1, mbtmp3.8/4, MS3.3/1, Ms1 3.3/1, ms1mx2.5/3.8, Error ellipse: s-maj=112.2km s-min=22.0km az=56.0, Mindanao

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes CMAR, WRA, ASAR, MKAR, PETK.

WEL 08 15:44:56.0-0.1, 43.605N-172.28E, h7km, ML3.5/1, 2C-3D, Error ellipse: s-maj=0.5km s-min=0.4km az=90.0, South Island

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes CR LZ, MOZ, OXF, LTZ, RATA, WAITA, LBZ, ODZ, DENNISTON, THZ, JACKSON, WAK, EAZ, QUARTZ, TUAPEKA.

ISCJB 08 16:01:31.5-0.5, 32.30N-103.115, 38W, 0.04, h14km, Error ellipse: s-maj=5.1km s-min=4.3km az=150.4 ECX 08 16:01:32.6-0.4, 32.31N-115.38W, h6km, MD2.4, ML2.6 MEX 08 16:01:33.6-0.4, 32.24N-115.27W, h16km, 12km, MD4.0 ISC 08 16:01:30.6-0.9, 32.27N-103.115, 40W, 0.03, h14km, n13, r18/20, 5C-2D, California-Baja California border region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes CPBX, MBIG, SGL, RDX, YUH, COA, RMX, ECXB, CBX, BAR, ECNX, SPIG.

IDC 08 16:04:11.6-1.3, 3.15S-139.80E, h0km, mb3.3/3, mb1 3.7/5, mb1mx3.5/23, mbtmp3.5/5, ML3.7, MS2.9/4, Ms1 2.9/4, ms1mx2.6/18, Error ellipse: s-maj=30.9km s-min=14.0km az=118.0

AUST 08 16:04:13.2-34.0, 3.12S-139.78E, h0km, Error ellipse: s-maj=5.4km s-min=2.1km az=227.0 ISCJB 08 16:04:15.4-0.5, 3.07S-139.77E, 0.05, h54km, mb3.4/2, MS2.8/1, Error ellipse: s-maj=7.6km s-min=5.3km az=42.5 DJA 08 16:04:17.0-0.6, 3.12S-14.0E, h45km, 17km, M4.0/5, mb4.2/2, MLV4.0/5 ISC 08 16:04:16.7-0.8, 3.06S-107.139, 80E, 0.06, h54km, n19, r17/23, Irian Jaya

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes GENE, JAY, JAY, JAY, JAY, SMI, SMI, BAKI, FAKI, FAKI, SIJI, SIJI.

Table with columns: KDU, MTN, SANI, KNRA, GUMO, WRA, WRA, FITZ, FITZ, ASAR, CMAR, ILAR.

IDC 08 16:17:55.4-7.1, 0.66S-135.55E, h0km, mb3.7/2, mb1 3.7/4, mb1mx3.3/29, mbtmp3.6/4, ML3.1/2, MS4.3/1, Ms1 4.3/1, ms1mx2.5/37, Error ellipse: s-maj=118.0km s-min=31.8km az=26.0, Irian Jaya region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes SIJI, SIJI, WRA, ASAR, STKA, PSI.

ISCJB 08 16:40:27.5-1.4, 33.91S-103.72, 52W, 0.05, h11km, 9km, mb4.2/1, MS3.6/1, Error ellipse: s-maj=6.8km s-min=5.6km az=8.4

GUC 08 16:40:28.7-0.6, 33.92S-72.45W, h41km, 3km, ML4.2 NEIC 08 16:40:31.6-0.5, 33.93S-72.31W, mb4.5/3, Error ellipse: s-maj=11.2km s-min=8.2km az=87.0 IDC 08 16:40:31.8-0.6, 33.88S-72.26W, h25km, 3km, mb4.0/9, mb1 4.0/12, mb1mx3.9/25, mbtmp4.0/12, ML3.6/3, MS3.6/3, Ms1 3.5/3, ms1mx3.0/18, Error ellipse: s-maj=18.8km s-min=15.3km az=101.0

ISC 08 16:40:31.4-0.6, 33.94S-103.72, 35W, 0.05, h26km, 4km, n15, r19/27, mb4.2/1, 6C-6D, Off coast of central Chile

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes U73B, U73B, U73B, U73B, IHA, U65B, U65B.

U65B Hualave 1.13 156 ePn Pn 16 40 50.3 -1.2 TACH Talagante 1.21 77 iJP Pn 16 40 51.8 -0.9 RCDM Rinconada Maip 1.36 71 iJP Pn 16 40 53.8 -1.0 NICH Los Niches 1.41 139 ePn Pn 16 40 55.4 -0.1 NICH 1.41 90 eS Sb 16 40 55.4 +0.7 CHCH Chadas Angostu 1.48 50 iJP Pn 16 40 55.5 -1.0 ROCH El Roble 1.48 50 iJP Pn 16 40 55.6 -1.0 ROCH 1.48 50 iJP Pn 16 40 55.6 -1.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes ANTU, ANTU, SAN, SAN, STL, PCH, TALC, TALC, PEL, PEL, CLCH, CLCH, CLCH, CLCH, LNC, LNC, AUSP, AUSP, ARCO, ARCO, RTLS, RTLS, CFAA, CFAA, CFAA, CFAA, LCO, LCO.

AGUA GUANDACOL 5.52 38 ePn Pn 16 41 53.2 +1.1 AGUA MRA 5.77 77 iS AML AML 16 43 08.6 -4.5 VCA Vinchina 6.28 35 AML AML 16 43 47.3 TCA Tanti 7.04 71 iP Pn 16 42 11.9 -1.0 TCA 7.04 71 iP Pn 16 44 04.3

TROA Torquai 9.36 119 ePn Pn 16 42 44.7 +0.1 LVC Limon Verde 11.68 16 LR LR 16 47 50.3 LVC Limon Verde 11.68 16 Pn Pn 16 43 19.1 +2.4 CPUP Villa Florida 15.04 64 Pn Pn 16 44 02.8 +0.6 CPUP 15.04 64 Pn Pn 16 48 10.2 CPUP 15.04 64 Pn Pn 16 50 13.6 CPUP 15.04 64 Pn Pn 16 54 39.2 -1.1

SAM S Samuel 26.26 21 ePn Pn 16 46 04.1 -0.6 BDFB Brasilia 28.52 56 P Pn 16 46 22.9 -2.2 BDFB 28.52 56 P Pn 16 58 50.5 SNA S Sanae 51.74 38 LR LR 16 49 36.9 +0.6 SNA 51.74 38 LR LR 16 49 45.3 +1.0

QSPA South Pole Qui 56.30 18 ePn Pn 16 50 10.6 +0.9 QSPA South Pole Qui 56.30 18 ePn Pn 16 50 10.3 +0.6 TXAR Lajitas Array 69.55 31 P Pn 16 51 38.7 +0.6

AGUA GUANDACOL 5.52 38 ePn Pn 16 41 53.2 +1.1 AGUA MRA 5.77 77 iS AML AML 16 43 08.6 -4.5 VCA Vinchina 6.28 35 AML AML 16 43 47.3 TCA Tanti 7.04 71 iP Pn 16 42 11.9 -1.0 TCA 7.04 71 iP Pn 16 44 04.3

TROA Torquai 9.36 119 ePn Pn 16 42 44.7 +0.1 LVC Limon Verde 11.68 16 LR LR 16 47 50.3 LVC Limon Verde 11.68 16 Pn Pn 16 43 19.1 +2.4 CPUP Villa Florida 15.04 64 Pn Pn 16 44 02.8 +0.6 CPUP 15.04 64 Pn Pn 16 48 10.2 CPUP 15.04 64 Pn Pn 16 50 13.6 CPUP 15.04 64 Pn Pn 16 54 39.2 -1.1

SAM S Samuel 26.26 21 ePn Pn 16 46 04.1 -0.6 BDFB Brasilia 28.52 56 P Pn 16 46 22.9 -2.2 BDFB 28.52 56 P Pn 16 58 50.5 SNA S Sanae 51.74 38 LR LR 16 49 36.9 +0.6 SNA 51.74 38 LR LR 16 49 45.3 +1.0

QSPA South Pole Qui 56.30 18 ePn Pn 16 50 10.6 +0.9 QSPA South Pole Qui 56.30 18 ePn Pn 16 50 10.3 +0.6 TXAR Lajitas Array 69.55 31 P Pn 16 51 38.7 +0.6

Table with columns: TXAR, WVT, MAW, DBIC, BOSA, NVAR, NVAR, TORD, TORD, WRA, WRA, WRA, BRTR, ZALV, ZALV, MKAR, MKAR.

IDC 08 17:07:30.7-0.6, 0.72N-67.14E, h0km, mb4.1/19, mb1 4.2/20, mb1mx4.0/40, mbtmp4.1/20, ML4.7/1, MS3.6/6, Ms1 3.6/6, ms1mx3.2/40, Error ellipse: s-maj=16.9km s-min=15.2km az=27.0

ISCJB 08 17:07:32.1-0.5, 0.73N-67.16E, 0.08, h22km, mb4.1/22, MS3.5/5, Error ellipse: s-maj=13.7km s-min=11.3km az=164.8 NEIC 08 17:07:32.0-0.4, 0.69N-67.16E, h0km, mb4.4/3, Error ellipse: s-maj=10.2km s-min=8.1km az=163.0 ISC 08 17:07:34.0-0.6, 0.71N-67.17E, 0.01, h22km, n35, r05/128, mb4.3/22, MS3.4/5, Carlsberg Ridge

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes H08N2, H08N3, H08N1, PALK, OPO, KMBO, CMAR, CMAR, CHTO, GEYT, GEYT, LSZ, EKSZ, AAK, MKAR, KBZ, ABKAR, BRTR, BOSA, BOSA, AKTO, ZALV, H01W3, H01W2, H01W1, SONM, SONM.

MEX 08 17:13:11.6-0.4, 15.94N-96.88W, h25km, 16km, MD4.0, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes PANG, PANG, OXBJ, OXBJ, VHO, VHO, PNI, PNI, PCIG, PCIG.

ROM 08 17:35:07.2-0.2, 42.53N-13.21E, h8km, 1km, Mdl1.2/3, Mdl1.0/1, Error ellipse: s-maj=1.9km s-min=1.2km az=64.0, Central Italy

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes RM33, RM33, RM29, RM29, LNSS, LNSS.

NIED 08 17:39:00, 44.50N-150.10E, h23km, Mw5.5 Best double couple: M2.24000x1017 N1.1x178.00000, r32.00000

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes RM33, RM33, RM29, RM29, LNSS, LNSS.

ROM 08 17:35:07.2-0.2, 42.53N-13.21E, h8km, 1km, Mdl1.2/3, Mdl1.0/1, Error ellipse: s-maj=1.9km s-min=1.2km az=64.0, Central Italy

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes RM33, RM33, RM29, RM29, LNSS, LNSS.

NIED 08 17:39:00, 44.50N-150.10E, h23km, Mw5.5 Best double couple: M2.24000x1017 N1.1x178.00000, r32.00000

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes RM33, RM33, RM29, RM29, LNSS, LNSS.

λ39.00000°; NP23.54.00000°; δ70.00000°; λ116.00000°
 ISCJB 08 17:39:38.2.0.6.44.47N.01.02:149.90E.01.02:h8km₂3km,
 mb5.4/313,MS5.3/450,Error ellipse: s-maj=3.4km
 s-min=1.9km az=157.3
 IDC 08 17:39:38.5.0.4.44.53N:149.92E,h0km,mb4.9/33,
 mb1.4/9.41,mb1mx4.8/50,mbtmp4.8/41,ML4.5/7,MS5.2/37,
 MS1.5/3/7,ms1mx5.1/49,Error ellipse: s-maj=12.7km
 s-min=8.6km az=127.0
 GCMT 08 17:39:40.5.0.1.44.47N:150.15E,h16km,MW5.5/105,
 Moment Tensor Solution. s91,c177; s105,c204;
 Duration: 154 Moment tensor: Scale: 10¹⁷Nm;
 M=1.40E+03; Mw=0.67E+02; Mw0.72E+02; Mw1.12E+07;
 M=0.90E+02; Mw1.60E+08; Best double couple:
 M=2.46500E+10; NP13.37.00000°; δ71.00000°;
 λ84.00000°; NP23.54.00000°; δ19.00000°; λ106.00000°.
 Principal axes: T 2.3780,Plg63.0000°; Azm298.0000°;
 N 0.1750,Plg5.0000°; Azm38.0000°; P -2.5510,
 Plg26.0000°; Azm131.0000°; nsta1 refers to body waves,
 cutoff=40s. nsta2 refers to surface waves, cutoff=50s.
 JMA 08 17:39:40.9.0.4.44.53N:150.05E,h30km,MB5.6/
 NEIC 08 17:39:40.5.0.1.44.59N:149.72E,h10km,mb5.5/165,
 MS5.3/298,Error ellipse: s-maj=5.5km s-min=2.9km
 az=154.0
 SKHL 08 17:39:40.9.1.1.44.36N:150.16E,h37km₂5km,mb6.2/7,
 mb5.9/4,MS5.4/13,MS5.7/6
 BUJ 08 17:39:42.5.44.61N:149.64E,h31km,mb5.4/84,MB5.6/64,
 MS5.6/87,MS7.5/77
 MOS 08 17:39:43.3.1.1.44.53N:149.75E,h43km,mb5.7/68,
 MS5.4/86,Error ellipse: s-maj=6.1km s-min=4.0km
 az=115.8
 SZGRF 08 17:39:49.7.45.49N:149.79E,h45km,mb5.9,MS5.4,Kuril
 Islands, Russia
 ISC 08 17:39:44.2.0.3.44.51N:0.03:149.88E:0.03,h35km₂1km,
 h35km:pp-P,n1434,σ1334/1337,mb5.5/342,MS5.3/454,
 97C-45D,Kuril Islands

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
				Op	h	m	s
KUR	Kuril'sk	1.61	298	eP	Pn	17 40 09.9	-0.1
KUR	comp=Z,7μm,2.1s			pmax	pmax	17 40 31.9	+2.4
KUR	comp=N,823nm,0.6s						
KUR	comp=E,619nm,0.6s						
KUR	comp=N,23μm,2.2s						
KUR	comp=E,52μm,2.2s						
KUR	comp=N,8μm,0.7s						
KUR	comp=E,5μm,0.7s						
KUR	comp=E,7μm,2.0s						
KUR	comp=E,390nm,0.4s						
KUR	comp=E,570nm,0.4s						
KUR	comp=E,2μm,0.4s						
KUR	comp=E,8μm,0.7s						
KUR	comp=E,4μm,0.7s						
KUR	comp=E,43μm,3.0s						
KUR	comp=E,51μm,3.0s						
KUR	comp=E,68μm,15.0s						
KUR	comp=E,74μm,15.0s						
KUR	comp=E,76μm,15.0s						
SHO	Shikotan	2.29	255	eP	Pn	17 40 17.9	-1.5
SHO	comp=E,1μm,0.5s						
SHO	comp=E,9μm,0.8s						
SHO	comp=E,80μm,19.0s						
SHO	comp=E,40μm,19.0s						
SHO	comp=E,39μm,19.0s						
YUK	Yuzh-Kuril'sk	2.93	262	eP	Pn	17 40 27.4	-0.8
YUK	comp=Z,3μm,2.6s						
YUK	comp=N,391nm,0.5s						
YUK	comp=E,476nm,0.5s						
YUK	comp=Z,931nm,0.5s						
YUK	comp=N,3μm,0.7s						
YUK	comp=N,12μm,2.0s						
YUK	comp=E,6μm,2.0s						
YUK	comp=E,25μm,10.0s						
YUK	comp=Z,17μm,10.0s						
YUK	comp=N,32μm,6.0s						
YUK	comp=N,3μm,3.0s						
YUK	comp=N,390nm,0.5s						
YUK	comp=N,480nm,0.5s						
YUK	comp=N,930nm,0.5s						
YUK	comp=N,3μm,0.7s						
YUK	comp=N,4μm,0.7s						
YUK	comp=N,12μm,2.0s						
YUK	comp=N,6μm,2.0s						
YUK	comp=N,32μm,8.0s						
YUK	comp=N,25μm,8.0s						
YUK	comp=N,17μm,8.0s						
NEM2	Nemuro 2	3.20	251	iP	Pn	17 40 29.9	-2.0
NEM2	comp=N,3μm,0.7s						
JRA	Rausu	3.47	262	eP	Pn	17 41 06.4	-2.4
JRA	comp=N,3μm,0.7s						
JNK	Nakash	3.83	258	iP	Pn	17 40 40.0	-0.7
JNK	comp=N,3μm,0.7s						
JAK	Akkeshi	4.05	250	iP	Pn	17 40 41.5	-2.1
JTKR	Abashiri-Toko	4.33	255	iP	Pn	17 40 48.0	+0.6
JAR	Ashorobuto	4.58	257	iP	Pn	17 40 50.5	-0.4
JOB	Onbets	4.67	252	P	Pn	17 40 51.0	-1.1
JMP	Maruseppu	4.71	266	P	Pn	17 40 53.4	+0.7
JCH	Churui	5.10	250	P	Pn	17 40 56.9	-1.2
JKK2	Kamakawa 2	5.17	265	P	Pn	17 41 00.1	+1.1
JSE	Soyaes	5.22	278	P	Pn	17 41 00.9	+1.2
ASAJ	Asahikawa	5.24	268	iP	Pn	17 41 01.4	+1.4
ASAJ	Asahikawa	5.24	268	eP	Pn	17 41 00.3	+0.3
ASAJ	comp=N,109nm,0.3s,baz=93,slo=16,SNR=244						
ASAJ	comp=N,62μm,18.4s,baz=112,slo=44						
ASAJ	Asahikawa	5.24	268	eP	Pn	17 41 01.5	+1.4

ASAJ	Furan	5.44	258	P	Pn	17 42 10.0	+1.1
JFR	ERM	5.51	245	eP	Pn	17 41 03.0	+0.3
ERM	ERM	5.51	245	eP	Pn	17 41 03.0	-0.2
ERM	comp=Z,780nm,1.7s	5.51	245	Pn	Pn	17 41 03.8	+0.2
ERM	comp=Z,4μm,0.5s	5.51	245	eP	Pn	17 41 03.4	-0.2
ERM	ERM	5.51	245	eP	Pn	17 41 03.5	-0.2
JEM	ERM	5.51	245	iP	Pn	17 41 03.2	-0.4
YSS	Yuzh-Sakhalins	5.56	299	iP	Pn	17 41 05.8	+1.5
YSS	comp=Z,190nm,1.0s						
YSS	comp=Z,2μm,6.0s						
YSS	comp=N,160nm,0.8s						
YSS	comp=E,320nm,0.9s						
YSS	comp=N,14μm,15.0s						
YSS	comp=E,43μm,16.0s						
YSS	Yuzh-Sakhalins	5.56	299	iP	Pn	17 41 05.8	+1.5
YSS	comp=E,190nm,1.0s						
YSS	comp=E,2μm,6.0s						
YSS	comp=E,160nm,0.9s						
YSS	comp=E,320nm,0.9s						
YSS	comp=E,4μm,4.0s						
YSS	comp=E,14μm,16.0s						
YSS	comp=E,43μm,16.0s						
YSS	Yuzh-Sakhalins	5.56	299	eP	Pn	17 41 06.0	+1.7
JAB	Ashibetsu	5.62	262	P	Pn	17 41 06.8	+1.7
JNBK	Urakawa-nobuka	5.65	249	P	Pn	17 41 04.3	-1.3
JBT2	Birator 2	5.72	255	iP	Pn	17 41 05.5	-1.1
JWK2	Keihoku	5.73	281	P	Pn	17 41 10.1	+3.4
JSS	Shosan	5.75	272	P	Pn	17 41 09.7	+2.8
JHR	Hokuryu	5.92	265	P	Pn	17 41 11.2	+1.9
JNEV	Nevers	6.03	294	eP	Pn	17 41 14.3	+3.5
JEW	Eniwo	6.34	258	P	Pn	17 41 14.9	-0.1
JNB	Noboribetsu	6.75	256	P	Pn	17 41 19.5	-1.2
JNB	Shakotan	6.89	264	eS	Pn	17 42 33.6	-2.6
JKB	Kayabe	6.98	251	P	Pn	17 41 22.7	+0.1
JKB	Uglegorsk	7.05	313	eP	Pn	17 41 23.9	-1.5
JKB	Uglegorsk	7.05	313	eP	Pn	17 41 27.0	+2.3
UGL	comp=E,80nm,0.5s						
UGL	comp=E,1μm,6.0s						
UGL	comp=E,3μm,6.0s						
UGL	comp=E,4μm,6.0s						
UGL	comp=E,200nm,0.9s						
UGL	comp=E,250nm,0.9s						
UGL	comp=E,3μm,7.0s						
UGL	comp=E,10μm,7.0s						
UGL	comp=E,9μm,16.0s						
UGL	comp=E,51μm,16.0s						
JYM2	Yakumo 2	7.34	254	P	Pn	17 41 27.6	-1.2
JSH	Shimam	7.38	259	P	Pn	17 41 29.5	+0.1
JAW	Nango	7.44	239	P	Pn	17 41 26.9	-3.3
SKR	Severo-Kuril's	7.48	32	eP	Pn	17 41 19.9	-1.1
SKR	comp=N,80nm,0.5s						
SKR	comp=Z,150nm,0.5s						
SKR	comp=N,30μm,18.0s						
SKR	comp=E,68μm,18.0s						
SKR	comp=Z,38μm,18.0s						
SKR	Severo-Kuril's	7.48	32	eP	Pn	17 41 30.9	+0.3
SKR	comp=Z,80nm,0.5s						
SKR	comp=Z,150nm,0.5s						
SKR	comp=Z,170nm,0.6s						
SKR	comp=Z,160nm,0.6s						
SKR	comp=Z,5μm,10.0s						
SKR	comp=Z,8μm,10.0s						
SKR	comp=Z,30μm,18.0s						
SKR	comp=Z,68μm,18.0s						
SKR	comp=Z,38μm,18.0s						
JTM	Tenrabayashi	7.49	243	P	Pn	17 41 28.3	-2.5
JTM	comp=N,3μm,0.7s						
JTH	Tanohata	7.50	235	P	Pn	17 41 26.2	-4.8
JTH	comp=N,3μm,0.7s						
JSR	Shiruchi	7.55	250	P	Pn	17 41 30.0	-1.6
JOSM	Okushiri-Mats	7.97	256	P	Pn	17 41 36.2	-1.2
JOSM	Tymovskoe	8.01	325	eP	Pn	17 41 39.5	+1.6
TYV	comp=N,62nm,0.6s						
TYV	comp=E,4μm,8.0s						
TYV	comp=Z,4μm,8.0s						
TYV	comp=Z,60nm,0.6s						
TYV	comp=Z,4μm,8.0s						
TYV	comp=Z,4μm,8.0s						
TYV	comp=Z,30μm,18.0s						
TYV	comp=Z,30nm,0.6s						
TYV	comp=Z,80nm,0.6s						
OFUJ	Ofunato	8.19	231	P	Pn	17 41 36.2	-4.2
OFUJ	comp=N,3μm,0.7s						
PAU	Pauzhetka	8.37	31	iP	Pn	17 41 41.6	-1.1
PAU	comp=N,3μm,0.7s						
PAU	comp=Z,600nm,0.8s						
PAU	comp=Z,38μm,18.0s						
PAU	comp=Z,51μm,18.0s						

SEHD	SEOHWA	17.36 256	↑P	Pn	17 43 40.6	-3.0
ZEA	Zeya	17.39 310	eP	Pn	17 43 42.9	-0.9
ZEA	comp=Z,40nm,0.8s		AMB	AMB	17 43 46.4	
CN2	Changchun	17.54 276	↓P	Pn	17 43 44.3	-1.4
CN2	comp=Z,60nm,0.8s		eS	SP	17 43 51.4	-8.8
CN2	comp=Z,160nm,0.8s		PMZ	S	17 46 55.3	-4.5
CN2	comp=Z,1μm,9.0s			LN		
CN2	comp=Z,6μm,17.0s			LE		
CN2	comp=Z,13μm,17.0s			LZ		
CN2	comp=Z,15μm,17.0s			PMZ		
KSIJA	INJE	17.59 256	↓P	Pn	17 43 43.7	-2.8
KROS	Kirovskiy	17.82 312	eP	Pn	17 43 49.0	-0.2
KROS	comp=Z,20nm,0.5s		AMB	AMB	17 43 52.0	
KROS	comp=Z,30nm,0.5s		AMB	AMB	17 43 52.0	
KROS	comp=Z,50nm,0.5s		AMB	AMB	17 43 52.0	
KSCHC	Chuncheon	17.90 256	↑P	Pn	17 43 48.1	-2.1
KSCHC	SNR=16					
KSCWO	Cheorwon	17.96 257	↓P	Pn	17 43 48.5	-2.6
KSRs	Korea Array	17.98 255	P	Pn	17 43 48.7	-2.6
KSRs	comp=Z,0.6nm,0.3s,baz=59,slow=11,SNR=27					
KSRs	Korea Array	17.98 255	P	Pn	17 43 48.7	-2.6
KSRs	comp=Z,1.0nm,0.3s		PMZ	PMZ		
KSAR	Wonju Array Be	18.02 255	P	Pn	17 43 48.7	-3.0
KSAR	Wonju Array Be	18.02 255	P	Pn	17 43 48.7	-3.0
YNCB	YEONCHEON	18.39 257	↓P	P	17 43 54.4	-1.7
CBJ	Chichi jima	18.45 202	P	P	17 43 56.4	-0.3
CJ	Chichijima	18.45 202	P	P	17 43 56.4	-0.3
CJ	comp=Z,4.0nm,0.3s,baz=57,slow=18,SNR=3.0		LR	LR	17 49 42.0	
SEY	Seymchan	18.52 4	P	P	17 43 55.7	-1.5
SEY	comp=Z,1.4nm,0.3s,baz=184,slow=10.0,SNR=31					
SEY	Seymchan	18.52 4	P	P	17 43 55.4	-1.8
SEY	Seymchan	18.52 4	P	P	17 43 55.4	-1.8
KSBN	Boeun	18.56 252	↓P	P	17 43 57.4	-0.5
JNU	Nakatsue	18.62 239	P	P	17 43 58.2	-0.4
JNU	comp=Z,0.5nm,0.3s,baz=64,slow=7.1,SNR=4.5					
JNU	Nakatsue	18.62 239	eP	P	17 43 57.7	-1.0
JNU	comp=Z,55nm,1.0s					
KSSWO	Suwon	18.74 255	↑P	P	17 43 58.3	-1.5
KSCFA	Cheonan	18.76 254	↑P	P	17 43 59.6	-0.5
KSCFA	SNR=11					
KSGAH	Ganghwa	18.89 257	↑P	P	17 44 01.3	-0.1
KSGAH	SNR=7.2					
TJN	Taejon	18.93 252	eP	P	17 44 01.9	0.0
SNY	Shenyang	19.35 271	↓P	P	17 44 06.1	-0.3
SNY	comp=Z,260nm,1.9s		PMZ	PMZ	17 44 18.6	+3.0
SNY	comp=Z,3μm,12.0s					
SNY	comp=Z,5μm,20.8s					
SNY	comp=Z,9μm,19.3s					
SNY	comp=Z,12μm,18.8s					
CLNS	Chul'man	19.94 317	eP	P	17 44 12.6	-0.2
CLNS	comp=Z,41nm,0.8s		PMZ	PMZ	17 47 55.6	+0.5
CLNS	comp=E,26nm,0.9s		PMZ	PMZ		
CLNS	comp=N,28nm,0.8s		SMZ	SMZ		
CLNS	comp=N,13nm,1.1s		SMZ	SMZ		
CLNS	comp=E,21nm,1.2s		MLR	MLR		
CLNS	comp=Z,15μm,14.0s		MLR	MLR		
CLNS	comp=E,8μm,13.0s		MLR	MLR		
CLNS	comp=N,8μm,13.0s		MLR	MLR		
HIA	Hailar	21.06 294	eP	P	17 44 22.8	-2.3
HIA	comp=Z,55nm,0.6s		MLR	MLR		
HIA	comp=Z,15μm,18.3s		MLR	MLR		
HIA	Hailar	21.06 294	eP	P	17 44 22.8	-2.3
HIA	comp=Z,55nm,0.6s		LR	LR		
YAK	Yakutsk	21.14 333	P	P	17 44 24.3	-1.5
YAK	comp=Z,54nm,0.7s,baz=218,slow=8.8,SNR=75					
YAK	Yakutsk	21.14 333	eP	P	17 44 22.3	-3.5
YAK	comp=Z,15μm,18.3s		S	S	17 44 39.4	-6.5
YAK	comp=Z,15μm,18.3s		eS	S	17 48 12.3	-6.5
YAK	comp=Z,15μm,18.3s		eSSS	S	17 48 27.8	
YAK	comp=Z,15μm,18.3s		eSSS	S	17 48 33.8	+7.3
YAK	comp=Z,15μm,18.3s		eSSS	S	17 48 48.0	
YAK	comp=Z,15μm,18.3s		eSSS	S	17 55 43.1	
YAK	comp=Z,251nm,0.9s		PMZ	PMZ		
YAK	comp=E,48nm,1.0s		PMZ	PMZ		
YAK	comp=N,56nm,1.0s		SMZ	SMZ		
YAK	comp=N,315nm,2.0s		SMZ	SMZ		
YAK	comp=E,355nm,2.3s		MLR	MLR		
YAK	comp=Z,11μm,16.0s		MLR	MLR		
YAK	comp=N,7μm,14.0s		MLR	MLR		
YAK	comp=E,4μm,17.0s		MLR	MLR		
YAK	comp=E,263nm,0.7s		LR	LR		
DL2	Dalian	21.76 265	P	P	17 44 32.4	-0.2
DL2	comp=Z,10μm,18.2s		S	S	17 48 29.3	-2.1
DL2	comp=Z,190nm,1.5s		PMZ	PMZ		
JOW	Kunigami	24.76 232	P	P	17 45 02.2	-0.3
JOW	comp=Z,3.8nm,0.9s,baz=24,slow=13,SNR=9.0					
JOW	Kunigami	24.76 232	P	P	17 45 02.2	-0.3
JOW	comp=Z,300nm,21.8s		LR	LR	17 45 10.0	+6.7
ATKA	Atka Island	24.87 59	PFAKE	LR	17 45 04.2	-1.1
BILL	Bilibino	25.11 14	d/P	P	17 49 27.7	+0.4
BILL	comp=Z,8μm,17.0s		MLR	MLR		
CIT	Chita	25.11 300	eP	P	17 45 03.2	-2.4
CIT	comp=Z,230nm,1.7s		PMZ	PMZ	17 45 11.2	
CIT	comp=Z,230nm,1.7s		PMZ	PMZ	17 49 24.3	
BJI	Beijing	25.23 272	P	P	17 45 06.0	-0.6
BJI	comp=Z,190nm,1.7s		PMZ	PMZ	17 49 28.5	-1.1
BJI	comp=Z,3μm,4.6s		LN	LN		
BJI	comp=Z,7μm,18.4s		LE	LE		
BJI	comp=Z,10μm,22.0s		LE	LE		

BJI	comp=Z,111μm,20.4s		LZ	LZ		
BJT	Baijiatuu	25.24 272	eP	P	17 45 05.9	-0.8
BJT	comp=Z,131nm,0.8s		MLR	MLR		
BJT	comp=Z,16μm,19.5s		MLR	MLR		
BJT	Baijiatuu	25.24 272	eP	P	17 45 05.9	-0.8
BJT	comp=Z,131nm,0.8s		LR	LR		
BOD	Bodaibo	25.79 314	eP	P	17 45 08.1	-3.4
BOD	comp=Z,32nm,0.8s		PMZ	PMZ		
TIA	Tai'an	26.16 263	↑P	P	17 45 14.4	-0.8
TIA	comp=Z,70nm,1.3s		PMZ	PMZ	17 49 46.7	+2.1
TIA	comp=Z,2μm,5.8s		LN	LN		
TIA	comp=Z,3μm,14.3s		LE	LE		
TIA	comp=Z,8μm,15.5s		LZ	LZ		
SSE	Sheshan	26.18 249	↑P	P	17 45 15.5	+0.2
SSE	comp=Z,35nm,0.8s		S	S	17 49 47.9	+2.8
SSE	comp=Z,35nm,0.8s		PMZ	PMZ	17 49 53.1	-8.2
SSE	comp=Z,1μm,7.1s		PMZ	PMZ		
SSE	comp=Z,8μm,20.5s		LN	LN		
SSE	comp=Z,6μm,19.9s		LN	LN		
NJ2	Nanjing	27.18 253	eP	P	17 45 24.1	-0.2
NJ2	comp=Z,2μm,4.2s		LN	LN	17 45 35.1	+0.8
NJ2	comp=Z,21μm,16.2s		LE	LE	17 45 38.9	+0.4
NJ2	comp=Z,27μm,16.4s		LZ	LZ	17 50 01.0	+0.4
NJ2	comp=Z,27μm,16.6s		PMZ	PMZ	17 50 19.0	+1.9
SPIA	Saint Paul Isl	27.75 49	PFAKE	LR	17 45 40.0	+11
NIKH	Nikolski High	28.16 58	PFAKE	LR	17 45 50.0	+17
NIKH	comp=Z,4μm,20.7s					
HHC	Hu-ho-hao-te	28.23 276	eP	P	17 45 33.6	-0.2
HHC	comp=Z,4μm,22.0s		PMZ	PMZ	17 46 22.3	-0.4
HHC	comp=Z,77nm,1.1s		PMZ	PMZ	17 50 13.7	-3.6
HHC	comp=Z,1μm,3.9s		PMZ	PMZ	17 51 31.5	-3.8
HHC	comp=Z,3μm,12.2s		LN	LN		
HHC	comp=Z,10μm,15.8s		LZ	LZ		
H1N2	WAKE ISLAND Hy	28.48 145	T	T	18 16 36.7	
H1N2	baz=335,slow=75,SNR=1531					
H1N1	WAKE ISLAND Hy	28.50 145	T	T	18 16 37.7	
H1N1	baz=335,slow=75,SNR=482					
H1N3	WAKE ISLAND Hy	28.50 145	T	T	18 16 37.9	
H1N3	baz=335,slow=75,SNR=493					
WAKE	Wake Island	28.78 146	PFAKE	LR	17 45 50.0	+11
TIY	Taiyuan	28.83 270	eP	P	17 45 39.4	+0.3
TIY	comp=Z,6μm,18.8s		PMZ	PMZ	17 50 32.2	+5.5
TIY	comp=Z,46nm,0.9s		PMZ	PMZ		
TIY	comp=Z,760nm,5.5s		LN	LN		
TIY	comp=Z,3μm,21.5s		LE	LE		
TIY	comp=Z,4μm,16.6s		LZ	LZ		
GAMB	Gambell	28.96 35	PFAKE	LR	17 45 50.0	+10
BTO	Baotou	29.42 277	eP	P	17 45 43.7	-0.6
BTO	comp=Z,48nm,0.6s		PMZ	PMZ		
H11S1	WAKE ISLAND Hy	29.50 146	T	T	18 17 53.3	
H11S1	baz=336,slow=76,SNR=830					
H11S3	WAKE ISLAND Hy	29.51 146	T	T	18 17 55.6	
H11S3	baz=336,slow=76,SNR=661					
H11S2	WAKE ISLAND Hy	29.52 146	T	T	18 17 54.6	
H11S2	baz=336,slow=76,SNR=761					
ULN	Ulanbaatar	29.56 292	eP	P	17 45 44.6	-1.0
ULN	comp=Z,152nm,1.7s		MLR	MLR		
ULN	comp=Z,11μm,17.0s		MLR	MLR		
ULN	Ulanbaatar	29.56 292	eP	P	17 45 44.6	-1.0
ULN	comp=Z,11μm,17.0s		MLR	MLR		
ULN	Ulanbaatar	29.56 292	eP	P	17 45 45.8	
ULN	comp=Z,77nm,1.0s		LR	LR	17 45 45.2	-0.4
UNV	Unalaska Valle	29.58 56	PFAKE	LR	17 46 00.0	+15
YOY	Yongunji jima	29.62 236	PFAKE	LR	17 46 00.0	+14
SONM	Songino Array	30.00 292	P	P	17 45 49.4	0.0
SONM	comp=Z,23nm,0.6s,baz=78,slow=7.8,SNR=150		LR	LR	17 59 13.7	
AKUT	Akutan	30.01 55	PFAKE	LR	17 46 00.0	+11
TATO	Taipei	30.16 239	PFAKE	LR	17 46 00.0	+9.1
YHNB	Yeheng	30.46 239	PFAKE	LR	17 46 10.0	+16
NACB	Ninganchiao	30.69 238	PFAKE	LR	17 46 10.0	+14
MIDW	Midway	30.72 111	PFAKE	LR	17 46 10.0	+14
IRK	Irkutsk	30.83 301	↓P	P	17 45 54.8	-1.8
GUMO	Guam	31.11 189	LR	LR	17 59 52.3	
TNA	Tin City	31.15 33	PFAKE	LR	17 46 10.0	+11
WHN	Wuhan	31.17 256	↑P	P	17 45 59.4	-0.4
WHN	comp=Z,96nm,0.6s		PMZ	PMZ	17 51 04.2	+0.8
WHN	comp=Z,12μm,14.2s		LN	LN		
WHN	comp=Z,9μm,13.4s		LE	LE		
WHN	comp=Z,21μm,17.0s		LZ	LZ		
TLY	Talaya	31.26 300	P	P	17 45 59.8	-0.7
TLY	comp=Z,14nm,0.7s,baz=105,slow=7.6,SNR=8.2		PMZ	PMZ	17 45 57.1	-3.3

TLY	comp=Z,38nm,1.5s		ePPP	PPP	17 47 00.3	
TLY	comp=Z,10μm,14.0s		PMZ	PMZ	17 47 23.4	
TLY	Talaya	31.26 300	eP	P	17 45 59.5	-0.9
TLY	Talaya	31.26 300	P	P	17 45 60.0	-0.4
TLY	SNR=11					
TLY	Talaya	31.26 300	mb	mb	17 46 02.8	
TLY	SNR=12					
TLY	Talaya	31.26 300	eP	P	17 45 59.3	-1.1
TLY	comp=Z,19nm,0.8s		LR	LR		
SSLB	Suanguang	31.37 238	PFAKE	LR	17 46 10.0	+8.4
FALS	False Pass	31.38 54	PFAKE	LR	17 46 10.0	+8.6
FALS	comp=Z,5μm,19.5s		LR	LR		
YULB	Yu-li	31.45 237	eP	P	17 46 03.3	+1.0
YULB	comp=Z,26nm,0.8s		LR	LR		
ZAK	Zakamensk	31.64 298	eP			

CD2	comp=Z,100nm,0.7s	PMZ			
CD2	comp=Z,800nm,10.2s	PMZ			
CD2	comp=Z,310nm,6.0s	LN			
COLD	Coldfoot	38.45 33	eP	P	17 47 02.5 +0.4
COLD	comp=Z,309nm,2.3s				
RC01	Rabbit Creek A	38.52 43	PFAKE	LR	17 47 10.0 +7.2
RC01	comp=Z,4um,19.0s				
BWN	Browne	38.59 38	eP	P	17 47 04.8 +1.5
BWN	comp=Z,425nm,1.2s				
SEW	Seward	38.72 44	PFAKE	LR	17 47 20.0 +16
SEW	comp=Z,4um,19.1s				
KWAJ	Kwajalein Atol	38.76 151	PFAKE	LR	17 47 20.0 +15
KWAJ	comp=Z,3um,19.3s				
PMR	Palmer	38.78 42	eP	pmax	17 47 02.8 -2.2
PMR	comp=Z,25nm,0.8s				
PMR	Palmer	38.78 42	eP	MLR	17 47 02.8 -2.2
PMR	comp=Z,4um,21.5s				
MCK	McKinley	38.82 38	eP	pmax	17 47 04.5 -0.8
MCK	comp=Z,61nm,1.0s				
MCK	McKinley	38.82 38	eP	P	17 47 04.5 -0.8
MCK	comp=Z,4um,20.3s				
RND	Reindeer	38.86 39	PFAKE	LR	17 47 20.0 +14
RND	comp=Z,4um,20.3s				
GYA	Guiyang	39.01 257	iP	P	17 47 06.3 -1.1
GYA	comp=Z,4um,18.1s				
GYA	comp=Z,530nm,8.7s				
GYA	comp=Z,6um,16.9s				
GYA	comp=Z,4um,17.6s				
MDM	Murphy Dome	39.13 36	PFAKE	LR	17 47 20.0 +12
MDM	comp=Z,2um,19.2s				
SML	Sawmill	39.15 42	eP	pmax	17 47 07.6 -0.5
SML	comp=Z,24nm,0.8s				
SML	Sawmill	39.15 42	eP	P	17 47 07.6 -0.5
SML	comp=Z,24nm,0.8s				
WRH	Wood River Hill	39.19 37	PFAKE	LR	17 47 20.0 +12
WRH	comp=Z,4um,18.1s				
COLA	College	39.30 37	eP	pmax	17 47 09.1 -0.1
COLA	comp=Z,18nm,1.5s				
COLA	College	39.30 37	eP	P	17 47 09.1 -0.1
COLA	comp=Z,3um,17.0s				
COLA	College	39.30 37	eP	P	17 47 08.9 -0.3
COLA	comp=Z,108nm,1.3s				
CCB	Clear Creek Bu	39.31 37	eP	P	17 47 09.4 +0.1
CCB	comp=Z,105nm,1.7s				
DHY	Denali Highway	39.54 39	eP	P	17 47 11.9 +0.4
DHY	comp=Z,3um,19.7s				
SCM	Sheep Creek Mo	39.63 41	PFAKE	LR	17 47 20.0 +7.8
SCM	comp=Z,4um,21.9s				
HDA	Harding Lake	39.69 37	eP	P	17 47 12.0 -0.5
HDA	comp=Z,31nm,0.8s				
ILAR	Eielson Array	39.71 37	P	P	17 47 12.1 -0.6
ILAR	comp=Z,4.1nm,0.7s,baz=264,slow=7.7,SNR=31				
KLU	Klutina	40.33 42	eP	P	17 47 19.4 +1.4
KLU	comp=Z,68nm,1.0s				
MID	Middleton Is	40.36 45	PFAKE	LR	17 47 30.0 +12
MID	comp=Z,4um,21.1s				
FYU	Fort Yukon	40.38 34	PFAKE	LR	17 47 30.0 +12
FYU	comp=Z,3um,20.9s				
PAX	Paxson	40.41 40	eP	pmax	17 47 19.1 +0.5
PAX	comp=Z,39nm,1.2s				
PAX	Paxson	40.41 40	eP	P	17 47 19.1 +0.5
PAX	comp=Z,4um,20.0s				
DIV	Divide	40.43 42	eP	P	17 47 19.3 +0.5
DIV	comp=Z,60nm,1.0s				
HARP	HARP	40.60 40	eP	P	17 47 21.6 +1.4
HARP	comp=Z,125nm,1.3s				
DOT	Dot Lake	40.99 38	eP	P	17 47 24.4 +1.1
DOT	comp=Z,45nm,1.0s				
BMRM	Bremner River	41.02 43	eP	P	17 47 23.2 -0.4
BMRM	comp=Z,69nm,1.0s				
RAGM	Ragged Mountai	41.06 43	PFAKE	LR	17 47 40.0 +16
RAGM	comp=Z,4um,21.4s				
MENT	Menstata	41.21 40	eP	P	17 47 25.1 -0.1
MENT	comp=Z,5um,18.0s				
QIZ	Qiongzong	41.87 246	S	S	17 47 32.2 +1.2
QIZ	comp=Z,18nm,1.9s				
QIZ	Qiongzong	41.87 246	S	S	17 53 48.6 +1.9
QIZ	comp=Z,540nm,9.5s				
QIZ	Qiongzong	41.87 246	PFAKE	LR	17 47 40.0 +9.0
QIZ	comp=Z,5um,17.3s				
QIZ	Qiongzong	41.87 246	PFAKE	LR	17 47 40.0 +9.0
QIZ	comp=Z,6um,18.0s				
ZALV	Zalesovo Beam	42.11 307	P	P	17 47 30.9 -1.7
ZALV	comp=Z,9.5nm,0.6s,baz=61,slow=6.8,SNR=30				
ZALV	Zalesovo Beam	42.11 307	iP	pmax	17 49 26.5 -0.1
ZALV	comp=Z,9.8nm,0.7s,baz=80,slow=2.5,SNR=7.8				
ZALV	Zalesovo Beam	42.11 307	iP	pmax	17 47 30.8 -1.8
ZALV	comp=Z,7um,18.3s,baz=64,slow=38				

EGAK	Eagle	42.16 37	eP	P	17 47 32.4 -0.4
EGAK	comp=Z,10.0nm,0.6s				
KMI	Kunming	42.60 259	P	P	17 47 36.9 -0.2
KMI	comp=Z,2um,19.0s				
KMI	Kunming	42.60 259	P	P	17 47 47.1 -0.3
KMI	comp=Z,2um,19.0s				
KMI	Kunming	42.60 259	P	P	17 47 52.4 +0.8
KMI	comp=Z,2um,19.0s				
KMI	Kunming	42.60 259	P	P	17 49 17.4 +1.2
KMI	comp=Z,2um,19.0s				
KMI	Kunming	42.60 259	P	P	17 53 59.4 +1.7
KMI	comp=Z,2um,19.0s				
KMI	Kunming	42.60 259	P	P	17 47 36.9 -0.2
KMI	comp=Z,2um,19.0s				
KMI	Kunming	42.60 259	P	P	17 47 47.1 -0.3
KMI	comp=Z,2um,19.0s				
KMI	Kunming	42.60 259	P	P	17 47 52.4 +0.8
KMI	comp=Z,2um,19.0s				
KMI	Kunming	42.60 259	P	P	17 49 17.4 +1.2
KMI	comp=Z,2um,19.0s				
KMI	Kunming	42.60 259	P	P	17 53 59.4 +1.7
KMI	comp=Z,2um,19.0s				
KMI	Kunming	42.60 259	P	P	17 47 36.9 -0.2
KMI	comp=Z,2um,19.0s				
KMI	Kunming	42.60 259	P	P	17 47 47.1 -0.3
KMI	comp=Z,2um,19.0s				
KMI	Kunming	42.60 259	P	P	17 47 52.4 +0.8
KMI	comp=Z,2um,19.0s				
KMI	Kunming	42.60 259	P	P	17 49 17.4 +1.2
KMI	comp=Z,2um,19.0s				
KMI	Kunming	42.60 259	P	P	17 53 59.4 +1.7
KMI	comp=Z,2um,19.0s				
KMI	Kunming	42.60 259	P	P	17 47 36.9 -0.2
KMI	comp=Z,2um,19.0s				
KMI	Kunming	42.60 259	P	P	17 47 47.1 -0.3
KMI	comp=Z,2um,19.0s				
KMI	Kunming	42.60 259	P	P	17 47 52.4 +0.8
KMI	comp=Z,2um,19.0s				
KMI	Kunming	42.60 259	P	P	17 49 17.4 +1.2
KMI	comp=Z,2um,19.0s				
KMI	Kunming	42.60 259	P	P	17 53 59.4 +1.7
KMI	comp=Z,2um,19.0s				
KMI	Kunming	42.60 259	P	P	17 47 36.9 -0.2
KMI	comp=Z,2um,19.0s				
KMI	Kunming	42.60 259	P	P	17 47 47.1 -0.3
KMI	comp=Z,2um,19.0s				
KMI	Kunming	42.60 259	P	P	17 47 52.4 +0.8
KMI	comp=Z,2um,19.0s				
KMI	Kunming	42.60 259	P	P	17 49 17.4 +1.2
KMI	comp=Z,2um,19.0s				
KMI	Kunming	42.60 259	P	P	17 53 59.4 +1.7
KMI	comp=Z,2um,19.0s				
KMI	Kunming	42.60 259	P	P	17 47 36.9 -0.2
KMI	comp=Z,2um,19.0s				
KMI	Kunming	42.60 259	P	P	17 47 47.1 -0.3
KMI	comp=Z,2um,19.0s				
KMI	Kunming	42.60 259	P	P	17 47 52.4 +0.8
KMI	comp=Z,2um,19.0s				
KMI	Kunming	42.60 259	P	P	17 49 17.4 +1.2
KMI	comp=Z,2um,19.0s				
KMI	Kunming	42.60 259	P	P	17 53 59.4 +1.7
KMI	comp=Z,2um,19.0s				
KMI	Kunming	42.60 259	P	P	17 47 36.9 -0.2
KMI	comp=Z,2um,19.0s				
KMI	Kunming	42.60 259	P	P	17 47 47.1 -0.3
KMI	comp=Z,2um,19.0s				
KMI	Kunming	42.60 259	P	P	17 47 52.4 +0.8
KMI	comp=Z,2um,19.0s				
KMI	Kunming	42.60 259	P	P	17 49 17.4 +1.2
KMI	comp=Z,2um,19.0s				
KMI	Kunming	42.60 259	P	P	17 53 59.4 +1.7
KMI	comp=Z,2um,19.0s				
KMI	Kunming	42.60 259	P	P	17 47 36.9 -0.2
KMI	comp=Z,2um,19.0s				
KMI	Kunming	42.60 259	P	P	17 47 47.1 -0.3
KMI	comp=Z,2um,19.0s				
KMI	Kunming	42.60 259	P	P	17 47 52.4 +0.8
KMI	comp=Z,2um,19.0s				
KMI	Kunming	42.60 259	P	P	17 49 17.4 +1.2
KMI	comp=Z,2um,19.0s				
KMI	Kunming	42.60 259	P	P	17 53 59.4 +1.7
KMI	comp=Z,2um,19.0s				
KMI	Kunming	42.60 259	P	P	17 47 36.9 -0.2
KMI	comp=Z,2um,19.0s				
KMI	Kunming	42.60 259	P	P	17 47 47.1 -0.3
KMI	comp=Z,2um,19.0s				
KMI	Kunming	42.60 259	P	P	17 47 52.4 +0.8
KMI	comp=Z,2um,19.0s				
KMI	Kunming	42.60 259	P	P	17 49 17.4 +1.2
KMI	comp=Z,2um,19.0s				
KMI	Kunming	42.60 259	P	P	17 53 59.4 +1.7
KMI	comp=Z,2um,19.0s				
KMI	Kunming	42.60 259	P	P	17 47 36.9 -0.2
KMI	comp=Z,2um,19.0s				
KMI	Kunming	42.60 259	P	P	17 47 47.1 -0.3
KMI	comp=Z,2um,19.0s				
KMI	Kunming	42.60 259	P	P	17 47 52.4 +0.8
KMI	comp=Z,2um,19.0s				
KMI	Kunming	42.60 259	P	P	17 49 17.4 +1.2
KMI	comp=Z,2um,19.0s				

Table with columns: Station, Frequency, Power, Direction, Date, Time, etc. Includes stations like Pulchoki, PKIN, AML, DMN, RES, etc.

Table with columns: Station, Frequency, Power, Direction, Date, Time, etc. Includes stations like APA, MMRI, COEN, AKTO, LON, etc.

Table with columns: Station, Frequency, Power, Direction, Date, Time, etc. Includes stations like WALA, BKNI, BSMT, NGP, BLMT, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like MOS, FINES, SRLL, NVAR, IMYA, etc.

2010 SEP

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like REDW, DGMT, AHID, VOR, etc.

8d 17h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like GMRC, IDID, AKN, ISAL, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes entries like MSAB Monastery St. A, CLZ Clausthal, and many others.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes entries like MANZ Manzenberg, U34A Anderson Ranch, and many others.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes entries like W36A Wetumka, U38A Gravette, and many others.

ESDC	Sonsec Array	92.95 340	P	P	17 52 52.2	-1.5
ESDC	comp=Z,0.7nm,0.5s,baz=15,slow=4.0,SNR=6.5		LR	LR	18 39 31.7	
MTE	Manteigas	93.07 343	PFAKE	LR	17 53 10.0	+1.6
MTE	comp=Z,2jm,18.3s		LR	LR		
PAB	San Pablo	93.16 340	PFAKE	LR	17 53 10.0	+1.5
DWPF	Disney	93.88 44	PFAKE	LR	17 53 10.0	+1.2
DWPF	comp=Z,2jm,21.8s		LR	LR		
TEIG	Vila Bisbo	96.48 343	PFAKE	LR	17 53 20.0	+1.0
TEIG	comp=Z,2jm,18.2s		LR	LR		
BBSR	BB Station	97.25 29	PFAKE	LR	17 53 20.0	+6.6
BBSR	comp=Z,2jm,19.4s		LR	LR		
RTC	Rabat Centre	99.06 341	PFAKE	LR	17 53 30.0	+8.6
RTC	comp=Z,10jm,19.0s		LR	LR		
PTCN	Pitcairn Islan	100.48 115	PFAKE	LR	17 53 40.0	+1.2
PTCN	comp=Z,2jm,19.6s		LR	LR		
SNET	Serv Nac Est T	101.11 58	PFAKE	LR	17 53 40.0	+9.0
SNET	comp=Z,600nm,20.8s		LR	LR		
TGUH	Tegucigalpa,Un	102.00 56	PFAKE	LR	17 53 50.0	+1.5
TGUH	comp=Z,900nm,21.1s		LR	LR		
GTBY	Guantanamo Bay	103.85 43	PFAKE	LR	17 53 50.0	+7.0
GTBY	comp=Z,2jm,21.1s		LR	LR		
MTDJ	Mount Denham	104.06 46	PFAKE	LR	17 54 00.0	+1.6
MTDJ	comp=Z,1jm,19.0s		LR	LR		
GRTK	Grand Turk	104.36 39	PFAKE	LR	17 54 00.0	+1.5
GRTK	comp=Z,1jm,19.4s		LR	LR		
LGNH	L'Gogne	106.27 42	PFAKE	LR	17 58 20.0	
LGNH	comp=Z,1jm,18.9s		LR	LR		
JTS	JuntasAbangare	106.35 57	PFAKE	LR	17 58 20.0	
JTS	comp=Z,500nm,21.0s		LR	LR		
PAPH	Port-au-Prince	106.41 42	PFAKE	LR	17 58 20.0	
PAPH	comp=Z,1jm,19.1s		LR	LR		
SDDR	Pres de Saban	106.49 41	PFAKE	LR	17 58 20.0	
SDDR	comp=Z,1jm,19.4s		LR	LR		
KMBO	Kilima Mbogo	106.79 285	PFAKE	LR	17 58 20.0	
KMBO	comp=Z,2jm,18.0s		LR	LR		
AGP	Aguadilla	108.85 37	PFAKE	LR	17 58 20.0	
AGP	comp=Z,1jm,20.9s		LR	LR		
MPR	Mayaguez	109.03 37	PFAKE	LR	17 58 20.0	
MPR	comp=Z,400nm,19.7s		LR	LR		
SJG	San Juan	109.54 36	PFAKE	LR	17 58 20.0	
SJG	comp=Z,800nm,19.0s		LR	LR		
HUMP	Col San Antoni	109.64 36	PFAKE	LR	17 58 20.0	
HUMP	comp=Z,1jm,19.9s		LR	LR		
CPD	Cerro La Pandu	109.70 36	PFAKE	LR	17 58 20.0	
CPD	comp=Z,2jm,20.3s		LR	LR		
BCIP	Isla Barro Col	110.25 53	PFAKE	LR	17 58 20.0	
BCIP	comp=Z,600nm,22.0s		LR	LR		
MBAR	Mbarara	110.84 291	PFAKE	LR	17 58 30.0	
MBAR	comp=Z,1jm,19.8s		LR	LR		
SMRT	St. Maarten	110.86 34	PFAKE	LR	17 58 30.0	
SMRT	comp=Z,1jm,20.3s		LR	LR		
SABA	Saba	111.18 34	PFAKE	LR	17 58 30.0	
SABA	comp=Z,2jm,19.8s		LR	LR		
PAYG	Puerto Ayora	111.35 69	PFAKE	LR	17 58 30.0	
PAYG	comp=Z,700nm,18.4s		LR	LR		
SEUS	St. Eustatius	111.40 34	PFAKE	LR	17 58 30.0	
SEUS	comp=Z,1jm,20.5s		LR	LR		
ANWB	Willy Bob	111.73 33	PFAKE	LR	17 58 30.0	
ANWB	comp=Z,600nm,20.6s		LR	LR		
ABPO	Ambohimpanom	112.00 265	PFAKE	LR	17 58 30.0	
ABPO	comp=Z,1jm,19.4s		LR	LR		
CASY	Casey	114.52 196	PFAKE	LR	17 58 30.0	+1.1
CASY	comp=Z,600nm,18.4s		LR	LR		
SDV	Santo Domingo	115.49 45	PFAKE	LR	17 58 30.0	+7.1
SDV	comp=Z,2jm,21.2s		LR	LR		
TORD	Torodi Ar. Bea	115.75 325	PKP	PKPpdf	17 58 21.8	-1.4
TORD	comp=Z,0.5nm,0.3s,baz=22,slow=2.1,SNR=8.6		PP	PP	17 59 18.6	-6.8
TORD	comp=Z,4.6nm,1.0s,baz=24,slow=7.2,SNR=8.4		PP	PP	17 58 40.0	+1.5
BBGH	Gun Hill	116.69 32	PFAKE	LR	17 58 40.0	+1.1
BBGH	comp=Z,2jm,18.2s		LR	LR		
OTAV	Otavalo	118.22 58	PFAKE	LR	17 58 40.0	+1.1
OTAV	comp=Z,500nm,19.5s		LR	LR		
SBA	Scott Base	122.53 176	PFAKE	LR	17 58 50.0	+1.6
SBA	comp=Z,900nm,18.0s		LR	LR		
LSZ	Lusaka	123.07 281	ePKIP	PKPpdf	17 58 35.8	-1.5
LSZ	comp=Z,1jm,20.2s		MLR	MLR		
LSZ	Lusaka	123.07 281	ePKPpdf	PKPpdf	17 58 35.8	-1.5
LSZ	comp=Z,1jm,20.2s		MLR	MLR		
DBIC	Dimbokro	124.20 329	PKP	PKPpdf	17 58 38.5	-0.9
DBIC	comp=Z,2.5nm,0.6s,baz=41,slow=3.2,SNR=5.2		PFAKE	PFAKE	17 59 00.0	+1.2
NNA	Nana	128.62 66	LR	LR	17 59 00.0	+1.2
NNA	comp=Z,800nm,19.0s		LR	LR		
PTGA	Pitinga	129.00 40	PKP	PKPpdf	17 58 48.3	-0.4
PTGA	comp=Z,1.1nm,0.4s,baz=231,slow=4.4,SNR=2.1		PKP	PKPpdf	17 58 48.3	-0.4
PTGA	Pitinga	129.00 40	PKP	PKPpdf	17 58 48.3	-0.4
PTGA	comp=Z,800nm,21.1s		LR	LR		
MAW	Mawson	129.12 210	PKP	PKPpdf	17 58 46.3	-0.8
MAW	comp=Z,0.6nm,0.6s,baz=11,slow=2.2,SNR=2.9		PFAKE	PFAKE	17 59 10.0	+1.4
TSUM	Tsumeb	133.12 287	PFAKE	LR	17 59 10.0	+1.4
TSUM	comp=Z,2jm,20.0s		LR	LR		
BOSA	Boshof	133.65 271	PKP	PKPpdf	17 58 58.5	+1.4
BOSA	comp=Z,0.9nm,0.4s,baz=11,slow=2.2,SNR=2.7		PKP	PKPpdf	17 58 58.5	+1.4
BOSA	Boshof	133.65 271	PKP	PKPpdf	17 58 58.5	+1.4
BOSA	comp=Z,800nm,20.1s		PKP	PKPpdf	17 58 58.5	+1.4
BOSA	Boshof	133.65 271	PKP	PKPpdf	17 58 58.5	+1.4
BOSA	comp=Z,800nm,20.1s		PKP	PKPpdf	17 58 58.5	+1.4
QSPA	South Pole Qui	134.24 180	ePKPpdf	PKPpdf	17 58 54.3	-2.6
QSPA	comp=Z,2jm,20.0s		LR	LR	17 59 11.6	
SAML	Samuel	134.46 49	PFAKE	LR	17 59 10.0	+1.1
SAML	comp=Z,300nm,21.0s		LR	LR		
LPAZ	La Paz	137.40 61	PKP	PKPpdf	17 59 07.5	+2.4
LPAZ	comp=Z,1.2nm,0.6s,baz=231,slow=4.4,SNR=4.4		PKP	PKPpdf	17 59 20.0	+8.7
RCBR	Riachuelo	141.14 9	PFAKE	LR	17 59 20.0	+8.7
RCBR	comp=Z,700nm,21.0s		LR	LR		
LVC	Limon Verde	141.48 68	PKP	PKPpdf	17 59 12.1	+0.3
LVC	comp=Z,2.5nm,0.3s,baz=274,slow=5.4,SNR=1.3		PKP	PKPpdf	17 59 12.1	+0.3
LVC	Limon Verde	141.48 68	PKP	PKPpdf	17 59 12.1	+0.3
LVC	comp=Z,1jm,20.0s		LR	LR		
LCO	Las Campanas	144.39 78	ePKPpdf	PKPpdf	17 59 14.7	-0.4
LCO	comp=Z,2jm,19.0s		LR	LR		
U73B	San Pedro	146.62 86	PFAKE	LR	17 59 30.0	+7.1

U73B	comp=Z,1jm,19.0s		LR	LR		
NVL	N'azarevskaya	146.66 204	ePKP2	PKPpdf	17 59 34.2	+1.2
U65B	Hualae0	146.88 88	ePKPpdf	PKPpdf	17 59 19.6	-0.9
U65B	comp=Z,1jm,18.7s		LR	LR		
BDFB	Brasilia	147.48 33	PKPbc	PKPbc	17 59 23.9	-0.8
BDFB	comp=Z,3.5nm,0.7s,baz=324,slow=2.0,SNR=3.7		PKPbc	PKPbc	17 59 24.0	-0.8
BDFB	Brasilia	147.48 33	PKP2	PKPbc	17 59 23.5	-1.3
CFAA	Coronel Fontan	147.63 80	PKPbc	PKPbc	17 59 23.0	-1.3
CFAA	comp=Z,0.8nm,0.7s,baz=287,slow=3.0,SNR=8.6		P	P	17 59 28.8	-0.2
SNA4	Sanae	149.76 197	P	PKPbc	17 59 28.0	-1.0
SNA4	Sanae	149.76 197	ePKP2	MLR	17 59 28.0	-1.0
SNA4	comp=Z,400nm,18.9s		MLR	MLR		
SNA4	Sanae	149.76 197	ePKPbc	PKPbc	17 59 28.0	-1.0
SNA4	comp=Z,400nm,18.9s		LR	LR		
VNA2	Neumayer-Watz	151.25 195	P	PKPbc	17 59 32.6	+0.2
VNA2	comp=Z,2.7nm,0.7s,baz=358,slow=4.0,SNR=5.2		PKPbc	PKPbc	17 59 33.3	0.0
CPUP	Villa Florida	151.55 59	PKPbc	PKPbc	17 59 33.1	-1.4
CPUP	comp=Z,2.7nm,0.7s,baz=358,slow=4.0,SNR=5.2		PKPbc	PKPbc	17 59 33.3	0.0
VNA1	Neumayer-Stat	151.64 195	P	PKPbc	17 59 40.0	+5.0
PMSA	Palmer Station	152.33 149	PFAKE	LR	17 59 40.0	+5.0
PMSA	comp=Z,1jm,20.6s		LR	LR		
TRQA	Tornquist	155.31 86	PFAKE	LR	17 59 40.0	+6.6
TRQA	comp=Z,1jm,20.0s		LR	LR		

SKHL 08 17:42:36.9±0.6,44°21'N,150°20'E,h52km,5km,mb4.5/2, East of Kuril Islands

Code	Station Name	Δ° AZ'	Phase ID	ISC	Time	Res
KUR	Kuril'sk	1.95 302	eP	Op	h m s	ISC
KUR	80nm,0.3s		AMB	AMB	17 43 07.3	-0.5
KUR	570nm,0.5s		eS	A	17 43 29.3	-1.6
KUR	460nm,0.5s		A	A	17 43 35.0	
SHO	Shikotan	2.45 263	eS	A	17 43 40.9	-2.3
SHO	480nm,0.7s		A	A	17 43 41.9	
YUK	Yuzh-Kuril'sk	3.13 268	eP	Pn	17 43 23.9	+0.2
YUK	100nm,0.3s		AMB	AMB	17 43 24.2	
YUK	310nm,0.8s		iS	A	17 43 59.6	-0.2
YUK	380nm,0.8s		A	A	17 44 00.3	
MYR	Myori	5.40 252	eP	Pn	17 43 54.8	-0.1
MYR			eS	Sn	17 44 51.5	-4.2

MEX 08 17:46:05.0±0.3,23°37'N,99°39'W,h28km,MD3.6,Central Mexico

Code	Station Name	Δ° AZ'	Phase ID	ISC	Time	Res
LNIG	Linare	0.93 356	eS	Op	h m s	ISC
LNIG	Zacatecas	3.15 248	eP	Pn	17 46 51.9	-1.8
IGIG	Irapuato, Guan	3.67 210	eP	Pn	17 46 58.8	-1.9

IDC 08 17:55:29.1±16.0,20°36'S,176°43'W,h650km,234km, mb2.9/4,mb1 3.1/4,mb1mx2.8/34,mbtm0.4/0, Error ellipse: s-maj=61.1km s-min=33.1km az=87.0,Fiji Islands region

Code	Station Name	Δ° AZ'	Phase ID	ISC	Time	Res
CTA	Charters Tower	34.97 264	P <th>Op</th> <th>h m s</th> <th>ISC</th>	Op	h m s	ISC
CTA	2.8nm,0.4s,baz=82,slow=7.1,SNR=6.3		P	P	18 01 30.6	+0.4
ASAR	Alice Springs	45.98 256	P	P	18 02 55.9	-1.2
ASAR	0.3nm,0.5s,baz=90,slow=8.2,SNR=28		P	P	18 02 55.9	-1.2
WRA	Warramunga Arr	46.07 262	P	P	18 02 58.8	+1.0
WRA	0.9nm,0.5s,baz=99,slow=8.3,SNR=7					

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like Denniston North, Fox Glacier, Otahua Downs, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like Erkin-Say, Ala-Archa, Karagaybulak, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like Arti, Gaotai, Kazeroun, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like IDC 08, NEIC 08, BUI 08, KRNET 08, NNC 08, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like EKS, AAK, AAK, AAK, AAK, etc.

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

NEIC 08 18:49:57.0, 43:53S:172:17E, h8km, ML4.0(WEL), After WEL. NEIC Felt in Canterbury. WEL 08 18:49:57.2±0.1, 43:51S:172:18E, h8km, ML4.0/27, 2C-3D, Error ellipse: s-maj=0.4km s-min=0.4km az=90.0, South Island

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like BSWZ, TUWZ, NNZ, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like VYHS, BMR, Uzhgorod, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like DRGR, PKSM, FRGS, etc.

SIGU 08 18:53:34.6:0.4, 46°88'N:0°02'20.68E:0.02, h5km, mb2.5/10

CSEM 08 18:53:34.8:0.1, 46°81'N:20°64'E, h2km, ML2.7, Error ellipse: s-maj=3.6km s-min=3.1km az=29.0

BE0 08 18:53:36.0:0.5, 46°78'N:20°70'E, h12km, 3km, ML2.5/1 PRU 08 18:53:36.2, 46°73'N:20°59'E, h0km

ISU 08 18:53:35.7:1.1, 46°81'N:0°02'20.66E:0.01, h9km, 9km, n86, a154/135, 17C-25Z, Hungary

IDC 08 18:58:36.8:3.9, 54°9'S:154°18'E, h175km, 32km, mb3.3/7, mb1.3/4.8, mb1mx3.2/37, mbtmp3.8/8, Error ellipse: s-maj=27.5km s-min=14.4km az=55.0, Bougainville - Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like PMG, DZM, WRA, ASAR, SONM, VNDAR, MAW, TORO, etc.

IDC 08 19:02:15.6:2.5, 22°49'N:11°99'W, h0km, mb3.5/3, mb1.3/6.5, mb1mx3.4/34, mbtmp3.5/5, ML3.1/2, Error ellipse: s-maj=76.1km s-min=30.8km az=87.0, Mauritania

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like TORO, DBIC, GERES, BRET, FINES, WRA, ASAR, etc.

BE0 08 19:09:19.9:0.6, 46°82'N:20°66'E, h11km, 3km, ML2.2/7 CSEM 08 19:09:19.9:0.1, 46°79'N:20°61'E, h10km, ML2.6, Error ellipse: s-maj=3.2km s-min=3.1km az=44.0

ISU 08 19:09:21.4:1.1, 46°82'N:0°02'20.65E:0.02, h26km, 13km, n71, a153/118, 17C-19Z, Hungary

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

IDC 08 19:18:20.1:1.9, 3°69'N:126°15'E, h0km, mb3.6/4, mb1.3/8.4, mb1mx3.4/49, mbtmp3.6/4, Error ellipse: s-maj=114.1km s-min=23.8km az=69.0

DJA 08 19:18:47.0:0.4, 3°N:3°12'E, h10km, M4.0/6, mb4.2/1, ML4.8/1, ML4.0/6, Mw(MB4.1/1)

ISU 08 19:18:21.6:1.5, 3°62'N:0°08:126°01'E:0.09, h10km, n9, a157/111, mb3.6/4, Talaud Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like TINTI, KMSI, LBMI, SANI, NLANI, FITZ, WRA, ASAR, MKAR, etc.

NNC 08 19:20:58.2:6.2, 39°71'N:74°01'E, h0km, mb3.8, mpv3.5, Error ellipse: s-maj=23.1km s-min=13.8km az=44.0

IDC 08 19:20:59.7:3.3, 39°44'N:73°02'E, h0km, mb3.5/2, mb1.3/3.3, mb1mx3.0/54, mbtmp3.3/3, Error ellipse: s-maj=88.2km s-min=22.1km az=149.0

KRNET 08 19:20:59.0:0.1, 39°59'N:73°85'E, mb3.9 ISU 08 19:20:58.6:1.2, 39°58'N:0°06:74.00E:0.05, h10km, n28, a157/140, 22C-9D, Southern Xinjiang

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like SFK, ARLS, AML, AML, BTK, BTK, UCH, UCH, KZA, KZA, etc.

8d 19h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KZA Kyzart, ARK Arkit, AAK Ala-Archa, etc.

ISCJB 08 19:24:37.0-0.4, 44.81N:105.148.66E:0.09, h83km, 7km, mb3.3/5, Error ellipse: s-maj=12.2km s-min=6.7km az=35.0

SKHL 08 19:24:37.0-0.4, 44.76N:148.80E, h47km, 6km, mb4.5/4 JMA 08 19:24:37.0-0.4, 44.91N:148.69E, h30km, 2.4km

ISC 08 19:24:42.0-2.9, 44.94N:148.46E, h110km, 6km, mb3.2/6, mb1 3.4/7, mb1mx3.1/57, mbtmp3.7/7, Error ellipse: s-maj=28.7km s-min=21.7km az=111.0

NIED 08 19:25:00.44:50N:150.00E, h17km, Mw5.2 Best double couple: Mw6.36000, 1019; NP1: 176.00000, 637.00000, 1.42.00000; NP2: 50.00000, 866.00000, 1.19.00000

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

2010 SEP

IDC 08 19:25:53.9-0.4, 44.48N:149.96E, h0km, mb4.6/35, mb1 4.8/41, mb1mx4.5/63, mbtmp4.6/41, ML3.6/6, MS4.8/31, MS1 4.8/31, ms1mx4.5/63, Error ellipse: s-maj=13.4km s-min=9.2km az=136.0

ISCJB 08 19:25:55.9-0.7, 44.38N:149.98E:0.02, h23km, 5km, mb5.0/176, MS5.0/60, Error ellipse: s-maj=4.9km s-min=2.3km az=160.4

NEIC 08 19:25:55.6-0.2, 44.48N:149.86E, h10km, mb5.2/83, Error ellipse: s-maj=6.8km s-min=3.6km az=157.0

GCMT 08 19:25:55.6-0.2, 44.49N:150.18E, h16km, Mw5.2/75, Moment Tensor Solution: 650, c80, s75, c139. Duration: 0 Moment tensor: Scale 16Nm; Mw1.13; 16; Mw2.18; 10; Mw1.95; 11; Mw1.90; 28; Mw1.62; 08; Mw4.56; 38; Best double couple: Mw6.63800, 1016

NP1: 29.00000, 870.00000, 1.76.00000; NP2: 244.00000, 824.00000, 1.123.00000; Principal axes: T 6.5950, Plg63.0000, Azm277.0000; N 0.0870, Plg13.0000, Azm34.0000; P -6.6820, Plg24.0000, Azm129.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

BUI 08 19:25:56.9, 44.48N:149.95E, h32km, mb5.0/72, mb5.2/59, MS5.2/74, MS7 5.0/72

JMA 08 19:25:57.0-0.5, 44.54N:150.01E, h30km, M4.9 SKHL 08 19:25:58.0-0.4, 44.36N:150.07E, h54km, 4km, mb5.7/6, mb5 4/3, MS5.2/11, ms5 4/3

MOS 08 19:25:58.6-1.1, 44.48N:149.87E, h41km, mb5.3/53, MS5.0/37, Error ellipse: s-maj=7.1km s-min=4.4km az=117.7

SZGRF 08 19:26:09.2, 46.41N:150.20E, h43km, mb5.5, MS5.1, Kuril Islands, Russia

ISC 08 19:25:59.4-0.4, 44.47N:150.04E:149.89E:0.03, h35km, 1km, h35km; P-P, n681, c1949/778, mb5.1/193, MS5.1/63, 55C-21D, Kuril Islands

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

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like UGL comp=Z, 1um, 4.0s, UGL comp=Z, 1um, 4.0s, etc.

8d 19h

DLBC	Dease Lake	48.81 44	P	P	19 34 40.5	-0.3
DLBC	Chiang Mai	49.25 51	P	LR	19 35 39.1	
DLBC	Dease Lake	48.81 44	eP	P	19 34 41.7	+0.8
UTTA	Utтарadit	49.00 253	P	P	19 34 45.4	+2.7
LAMP	Lampang	49.10 255	P	P	19 34 45.4	+1.9
CHAI	Chaiyaphum	49.31 250	P	P	19 34 48.2	+3.1
CMMT	Chiang Mai	49.38 256	P	P	19 34 46.6	+1.0
CHTO	Chiang Mai	49.38 256	P	P	19 34 46.7	+1.1
CHTO	Chiang Mai	49.38 256	eP	P	19 34 46.3	+0.7
CHTO	Chiang Mai	49.38 256	eP	P	19 34 46.3	+0.7
CMAR	Chiang Mai	49.62 255	P	P	19 34 48.3	+0.8
CMAR	Chiang Mai	49.62 255	P	P	19 36 09.4	+0.8
SHL	Shillong	50.04 266	eP	P	19 34 50.5	-0.3
MHMT	Maesariang	50.51 258	eP	P	19 34 56.8	+2.6
UMPA	Umpang Tak	51.23 253	P	P	19 35 04.9	+5.3
UTHA	Uthairat	51.28 252	P	P	19 35 03.0	+3.0
CHBT	ChBT	51.35 247	P	P	19 35 03.8	+3.3
TAPN	Taplejung	51.96 273	eP	P	19 35 06.2	+0.8
TKM2	Tokmak 2	51.97 296	eP	P	19 35 05.5	+0.3
TKM2	Tokmak 2	51.97 296	eP	P	19 35 05.5	+0.3
TKM2	Tokmak 2	51.97 296	eP	P	19 35 06.3	+1.1
BBB	Bella Bella	52.30 50	P	P	19 35 06.1	-1.1
CHMS	Chumysh	52.48 297	P	P	19 35 09.9	+1.2
ODAN	Odare	52.48 272	eP	P	19 35 10.1	+0.9
USP	Ospenovka	52.51 297	P	P	19 35 10.0	+1.1
KBK	Karagaybulak	52.52 296	P	P	19 35 10.2	+1.0
KZA	Kyzart	52.61 295	P	P	19 35 11.9	+1.7
FRU	Bishkek	52.65 296	iP	P	19 35 10.0	+0.1
FRU	Bishkek	52.65 296	eS	P	19 42 39.0	+4.1
FRU	Bishkek	52.65 296	eS	P	19 35 10.0	+0.1
AAK	Ala-Archa	52.82 296	eP	P	19 35 12.0	+0.6
AAK	Ala-Archa	52.82 296	eP	P	19 35 12.8	+1.4
AAK	Ala-Archa	52.82 296	eP	P	19 35 12.2	+0.8
GUN	Gumba	52.94 275	eP	P	19 35 13.3	+0.6
RAMN	Ramite	53.29 273	eP	P	19 35 13.3	+0.3
EKS2	Erkin-Say	53.29 297	eP	P	19 35 15.3	+0.6
EKS2	Erkin-Say	53.29 297	eP	P	19 35 15.3	+0.6
EKS2	Erkin-Say	53.29 297	eP	P	19 35 15.5	+0.9
KSH	Kashi	53.43 292	P	P	19 35 20.3	+4.4
KSH	Kashi	53.43 292	sP	P	19 35 34.3	+3.9
KSH	Kashi	53.43 292	sP	P	19 40 21.5	+6.7
KSH	Kashi	53.43 292	sS	P	19 43 06.3	+3.3
KSH	Kashi	53.43 292	sS	P	19 35 20.3	+4.4
KSH	Kashi	53.43 292	sS	P	19 35 34.3	+3.9
KSH	Kashi	53.43 292	sS	P	19 40 21.5	+6.7
KSH	Kashi	53.43 292	sS	P	19 43 06.3	+3.3
KSH	Kashi	53.43 292	sS	P	19 35 20.3	+4.4
KSH	Kashi	53.43 292	sS	P	19 35 34.3	+3.9
KSH	Kashi	53.43 292	sS	P	19 40 21.5	+6.7
KSH	Kashi	53.43 292	sS	P	19 43 06.3	+3.3
KSH	Kashi	53.43 292	sS	P	19 35 20.3	+4.4
KSH	Kashi	53.43 292	sS	P	19 35 34.3	+3.9
KSH	Kashi	53.43 292	sS	P	19 40 21.5	+6.7
KSH	Kashi	53.43 292	sS	P	19 43 06.3	+3.3
KSH	Kashi	53.43 292	sS	P	19 35 20.3	+4.4
KSH	Kashi	53.43 292	sS	P	19 35 34.3	+3.9
KSH	Kashi	53.43 292	sS	P	19 40 21.5	+6.7
KSH	Kashi	53.43 292	sS	P	19 43 06.3	+3.3
KSH	Kashi	53.43 292	sS	P	19 35 20.3	+4.4
KSH	Kashi	53.43 292	sS	P	19 35 34.3	+3.9
KSH	Kashi	53.43 292	sS	P	19 40 21.5	+6.7
KSH	Kashi	53.43 292	sS	P	19 43 06.3	+3.3
KSH	Kashi	53.43 292	sS	P	19 35 20.3	+4.4
KSH	Kashi	53.43 292	sS	P	19 35 34.3	+3.9
KSH	Kashi	53.43 292	sS	P	19 40 21.5	+6.7
KSH	Kashi	53.43 292	sS	P	19 43 06.3	+3.3
KSH	Kashi	53.43 292	sS	P	19 35 20.3	+4.4
KSH	Kashi	53.43 292	sS	P	19 35 34.3	+3.9
KSH	Kashi	53.43 292	sS	P	19 40 21.5	+6.7
KSH	Kashi	53.43 292	sS	P	19 43 06.3	+3.3
KSH	Kashi	53.43 292	sS	P	19 35 20.3	+4.4
KSH	Kashi	53.43 292	sS	P	19 35 34.3	+3.9
KSH	Kashi	53.43 292	sS	P	19 40 21.5	+6.7
KSH	Kashi	53.43 292	sS	P	19 43 06.3	+3.3
KSH	Kashi	53.43 292	sS	P	19 35 20.3	+4.4
KSH	Kashi	53.43 292	sS	P	19 35 34.3	+3.9
KSH	Kashi	53.43 292	sS	P	19 40 21.5	+6.7
KSH	Kashi	53.43 292	sS	P	19 43 06.3	+3.3
KSH	Kashi	53.43 292	sS	P	19 35 20.3	+4.4
KSH	Kashi	53.43 292	sS	P	19 35 34.3	+3.9
KSH	Kashi	53.43 292	sS	P	19 40 21.5	+6.7
KSH	Kashi	53.43 292	sS	P	19 43 06.3	+3.3
KSH	Kashi	53.43 292	sS	P	19 35 20.3	+4.4
KSH	Kashi	53.43 292	sS	P	19 35 34.3	+3.9
KSH	Kashi	53.43 292	sS	P	19 40 21.5	+6.7
KSH	Kashi	53.43 292	sS	P	19 43 06.3	+3.3
KSH	Kashi	53.43 292	sS	P	19 35 20.3	+4.4
KSH	Kashi	53.43 292	sS	P	19 35 34.3	+3.9
KSH	Kashi	53.43 292	sS	P	19 40 21.5	+6.7
KSH	Kashi	53.43 292	sS	P	19 43 06.3	+3.3
KSH	Kashi	53.43 292	sS	P	19 35 20.3	+4.4
KSH	Kashi	53.43 292	sS	P	19 35 34.3	+3.9
KSH	Kashi	53.43 292	sS	P	19 40 21.5	+6.7
KSH	Kashi	53.43 292	sS	P	19 43 06.3	+3.3
KSH	Kashi	53.43 292	sS	P	19 35 20.3	+4.4
KSH	Kashi	53.43 292	sS	P	19 35 34.3	+3.9
KSH	Kashi	53.43 292	sS	P	19 40 21.5	+6.7
KSH	Kashi	53.43 292	sS	P	19 43 06.3	+3.3
KSH	Kashi	53.43 292	sS	P	19 35 20.3	+4.4
KSH	Kashi	53.43 292	sS	P	19 35 34.3	+3.9
KSH	Kashi	53.43 292	sS	P	19 40 21.5	+6.7
KSH	Kashi	53.43 292	sS	P	19 43 06.3	+3.3
KSH	Kashi	53.43 292	sS	P	19 35 20.3	+4.4
KSH	Kashi	53.43 292	sS	P	19 35 34.3	+3.9
KSH	Kashi	53.43 292	sS	P	19 40 21.5	+6.7
KSH	Kashi	53.43 292	sS	P	19 43 06.3	+3.3
KSH	Kashi	53.43 292	sS	P	19 35 20.3	+4.4
KSH	Kashi	53.43 292	sS	P	19 35 34.3	+3.9
KSH	Kashi	53.43 292	sS	P	19 40 21.5	+6.7
KSH	Kashi	53.43 292	sS	P	19 43 06.3	+3.3
KSH	Kashi	53.43 292	sS	P	19 35 20.3	+4.4
KSH	Kashi	53.43 292	sS	P	19 35 34.3	+3.9
KSH	Kashi	53.43 292	sS	P	19 40 21.5	+6.7
KSH	Kashi	53.43 292	sS	P	19 43 06.3	+3.3
KSH	Kashi	53.43 292	sS	P	19 35 20.3	+4.4
KSH	Kashi	53.43 292	sS	P	19 35 34.3	+3.9
KSH	Kashi	53.43 292	sS	P	19 40 21.5	+6.7
KSH	Kashi	53.43 292	sS	P	19 43 06.3	+3.3
KSH	Kashi	53.43 292	sS	P	19 35 20.3	+4.4
KSH	Kashi	53.43 292	sS	P	19 35 34.3	+3.9
KSH	Kashi	53.43 292	sS	P	19 40 21.5	+6.7
KSH	Kashi	53.43 292	sS	P	19 43 06.3	+3.3
KSH	Kashi	53.43 292	sS	P	19 35 20.3	+4.4
KSH	Kashi	53.43 292	sS	P	19 35 34.3	+3.9
KSH	Kashi	53.43 292	sS	P	19 40 21.5	+6.7
KSH	Kashi	53.43 292	sS	P	19 43 06.3	+3.3
KSH	Kashi	53.43 292	sS	P	19 35 20.3	+4.4
KSH	Kashi	53.43 292	sS	P	19 35 34.3	+3.9
KSH	Kashi	53.43 292	sS	P	19 40 21.5	+6.7
KSH	Kashi	53.43 292	sS	P	19 43 06.3	+3.3
KSH	Kashi	53.43 292	sS	P	19 35 20.3	+4.4
KSH	Kashi	53.43 292	sS	P	19 35 34.3	+3.9
KSH	Kashi	53.43 292	sS	P	19 40 21.5	+6.7
KSH	Kashi	53.43 292	sS	P	19 43 06.3	+3.3
KSH	Kashi	53.43 292	sS	P	19 35 20.3	+4.4
KSH	Kashi	53.43 292	sS	P	19 35 34.3	+3.9
KSH	Kashi	53.43 292	sS	P	19 40 21.5	+6.7
KSH	Kashi	53.43 292	sS	P	19 43 06.3	+3.3
KSH	Kashi	53.43 292	sS	P	19 35 20.3	+4.4
KSH	Kashi	53.43 292	sS	P	19 35 34.3	+3.9
KSH	Kashi	53.43 292	sS	P	19 40 21.5	+6.7
KSH	Kashi	53.43 292	sS	P	19 43 06.3	+3.3
KSH	Kashi	53.43 292	sS	P	19 35 20.3	+4.4
KSH	Kashi	53.43 292	sS	P	19 35 34.3	+3.9
KSH	Kashi	53.43 292	sS	P	19 40 21.5	+6.7
KSH	Kashi	53.43 292	sS	P	19 43 06.3	+3.3
KSH	Kashi	53.43 292	sS	P	19 35 20.3	+4.4
KSH	Kashi	53.43 292	sS	P	19 35 34.3	+3.9
KSH	Kashi	53.43 292	sS	P	19 40 21.5	+6.7
KSH	Kashi	53.43 292	sS	P	19 43 06.3	+3.3
KSH	Kashi	53.43 292	sS	P	19 35 20.3	+4.4
KSH	Kashi	53.43 292	sS	P	19 35 34.3	+3.9
KSH	Kashi	53.43 292	sS	P	19 40 21.5	+6.7
KSH	Kashi	53.43 292	sS	P	19 43 06.3	+3.3
KSH	Kashi	53.43 292	sS	P	19 35 20.3	+4.4
KSH	Kashi	53.43 292	sS	P	19 35 34.3	+3.9
KSH	Kashi	53.43 292	sS	P	19 40 21.5	+6.7
KSH	Kashi	53.43 292	sS	P	19 43 06.3	+3.3
KSH	Kashi	53.43 292	sS	P	19 35 20.3	+4.4
KSH	Kashi	53.43 292	sS	P	19 35 34.3	+3.9
KSH	Kashi	53.43 292	sS	P	19 40 21.5	+6.7
KSH	Kashi	53.43 292	sS	P	19 43 06.3	+3.3
KSH	Kashi	53.43 292	sS	P	19 35 20.3	+4.4
KSH	Kashi	53.43 292	sS	P	19 35 34.3	+3.9
KSH	Kashi	53.43 292	sS	P	19 40 21.5	+6.7

MVCO	comp=Z,38nm,0.9s	72.22	55	eP	P	19 37 21.7	+0.5
Mesa Verde	comp=Z,4.2nm,0.7s						
GNI	Garni	72.25	309	eP	P	19 37 23.2	+2.0
GNI	comp=Z,33nm,1.7s						
GNI	comp=Z,786nm,17.0s						
GNI	Garni	72.25	309	iP	P	19 37 23.1	+2.0
GNI	SNR=7.4						
GNI	Garni	72.25	309	eP	P	19 37 23.1	+1.9
IRAZ	Razeghan	72.46	302	eP	P	19 37 23.6	+1.1
F33A	5 Mile Ranch, baz=72	72.72	42	P	P	19 37 23.2	-0.4
ANN	Anapa	72.81	316	eP	P	19 37 24.5	+0.3
ANN				eS	S	19 46 50.6	+3.1
ANN							
N27A	Anderson Farm, baz=73	73.12	49	P	P	19 37 25.8	-0.4
EYMN	Ely	73.36	38	P	P	19 37 26.8	-0.7
CLDR	Caldiran	73.40	309	eP	P	19 37 29.7	+1.6
AGRB	Hanur-Agry	73.61	310	eP	P	19 37 30.8	+1.4
ECSD	EROS Data Cent	74.10	44	P	P	19 37 31.3	-0.5
ECSD	EROS Data Cent	74.10	44	eP	P	19 37 31.5	-0.3
	comp=Z,42nm,1.4s						
SIM	Simferopol'	74.31	318	eP	P	19 37 33.6	+0.6
SIM				eS	S	19 37 49.0	
SIM						19 47 08.0	+3.5
SIM	comp=Z,23nm,0.9s						
SIM	comp=N,700nm,18.0s						
BEL	Belisk	74.50	330	eP	P	19 37 35.0	+1.1
BEK	Belisk	74.50	330	eP	P	19 37 35.1	+1.1
GKP	Gorka Klasztor	74.53	333	eP	P	19 37 34.2	+0.1
GKP	Gorka Klasztor	74.53	333	eP	P	19 37 34.3	+0.1
BAYT	Ayd-ntepe-Bay	74.58	312	eP	P	19 37 35.6	+0.7
Q28A	Sharon Springs	74.73	50	P	P	19 37 34.9	-0.9
BANOM	Banah	74.75	291	iP	P	19 37 36.2	+0.3
VRTB	Varto-Mus	74.75	310	eP	P	19 37 37.4	+1.5
CUKT	Cukurca	74.90	308	eP	P	19 37 37.8	+1.1
IVIS	Veis	74.90	304	eP	P	19 37 37.2	+0.4
LVV	L'vov	74.92	327	iP	P	19 37 36.5	0.0
LVV				eS	S	19 37 52.1	
LVV						19 47 06.5	-4.6
LVV	comp=Z,300nm,1.9s						
LVV	comp=E,800nm,16.0s						
LVV	comp=N,700nm,18.0s						
LVV	comp=Z,1um,18.0s						
ANMO	Albuquerque	74.97	56	P	P	19 37 37.8	+0.5
ANMO	comp=Z,0.7nm,0.6s,baz=297,slow=14,SNR=2.5						
ANMO	Albuquerque	74.97	56	iP	P	19 37 38.7	+1.4
ANMO	comp=Z,1.0nm,0.9s						
T26A	Comanche Natio	75.08	52	P	P	19 37 37.0	-0.8
KIS	Kishinev	75.17	323	eP	P	19 37 38.0	+0.1
KIS				eS	S	19 47 12.0	-1.9
KIS				LRM	MLR	20 13 10.0	
KIS	comp=Z,2um,20.0s						
KIS	Kishinev	75.17	323	eP	P	19 37 38.0	+0.1
KIS				e	P	19 42 15.0	
KIS				eS	S	19 47 12.0	-1.9
KIS						19 47 40.0	
KIS	comp=Z,2um,18.0s						
KIS	comp=N,1um,20.0s						
KIS	comp=Z,2um,20.0s						
KWP	Kalwaria Pacia	75.58	328	eP	P	19 37 41.2	+0.9
KWP	Kalwaria Pacia	75.58	328	iP	P	19 37 41.2	+0.9
HATD	Hatta, Dubai	75.59	291	iP	P	19 37 41.3	+0.5
ASHO	Ashiyah	75.74	291	iP	P	19 37 41.5	-0.1
121A	Cookes Peak, D	75.86	58	eP	P	19 37 42.8	+0.4
PTK	Pertek	76.04	311	eP	P	19 37 44.4	+0.9
RSDY	Resadiye-TOKAT	76.06	313	eP	P	19 37 44.5	+1.3
OJC	Ojcow	76.19	343	+0.6	P	19 37 44.3	+0.6
OJC	Ojcow	76.19	330	iP	P	19 37 44.3	+0.6
BURAR	Bucovina Array	76.21	327	eP	P	19 37 44.5	+0.6
KVT	Kavak	76.22	315	eP	P	19 37 45.8	+1.7
SCHO	Schefferville	76.27	21	P	P	19 37 44.5	+0.4
SCHO	comp=Z,3.6nm,0.7s,baz=315,slow=2.9,SNR=3.5						
RUE	Ruedersdorf	76.31	334	eP	P	19 37 44.9	+0.6
RUE	comp=Z,1um,19.4s,baz=344,slow=38						
RUE	Ruedersdorf	76.31	334	eP	P	19 37 44.9	+0.6
RUE	comp=Z,70nm,1.1s						
STHS	Stebnicka Huta	76.31	328	eP	P	19 37 45.5	+1.0
STHS							
STHS	Stebnicka Huta	76.31	328	eP	P	19 37 45.5	+1.0
KOLS	Kolonickie sedl	76.32	327	eP	P	19 37 44.8	+0.3
KOLS							
KOLS	Kolonickie sedl	76.32	327	eP	P	19 37 44.8	+0.3
KOLS				eS	S	19 47 27.8	+1.2
KOLS						20 14 18.5	
STKA	Stephens Creek	76.36	187	LR	LR	20 14 19.0	
TESR	Tescani	76.48	324	iP	P	19 37 45.9	+0.4
MAZI	Mazidag	76.52	310	iP	P	19 37 47.1	+1.1
UZH	Uzhgorod	76.55	327	eP	P	19 37 46.0	+0.2
UZH				e	P	19 37 44.6	
UZH				eS	S	19 47 26.9	-2.2
UZH				e	P	19 48 06.6	
UZH						19 52 31.0	
UZH	comp=N,800nm,18.0s						
UZH	comp=E,1um,18.0s						
UZH	comp=Z,350nm,18.0s						
SVSK	Karacayir	76.59	313	eP	P	19 37 47.6	+1.5
NIE	Niedzica	76.66	329	eP	P	19 37 47.6	+1.1
NIE	Niedzica	76.66	329	iP	P	19 37 47.6	+1.1
PETR	Petresti	76.85	323	iP	P	19 37 49.4	+1.9
TRPA	Tarpa	76.86	327	iP	P	19 37 48.6	+1.1
TRPA	Tarpa	76.86	327	eP	P	19 37 48.9	+1.4
CFR	Carcaliu	76.88	322	iP	P	19 37 48.9	+1.2
KSP	Ksiaz	76.89	332	eP	P	19 37 48.1	+0.4
KSP	Ksiaz	76.89	332	eP	P	19 37 48.2	+0.5
Q33A	Connelly Farm	76.94	48	P	P	19 37 46.7	-1.5
VRI	Vrincioaia	76.96	323	iP	P	19 37 50.2	+2.0
PLOR	Plostina	77.00	323	iP	P	19 37 50.1	+1.6
P34A	Walnut Farm, R	77.06	47	P	P	19 37 47.5	-1.3
OKC	Ostrava-Krasne	77.10	330	eP	P	19 37 49.5	+0.7
OKC				ePP	P	19 38 01.7	+2.0
OKC				eS	S	19 47 37.4	+2.4
OKC							
OKC	comp=Z,1um,14.6s						
OKC	Ostrava-Krasne	77.10	330	eP	P	19 37 49.5	+0.7
OKC				ePCP	P	19 47 37.4	+2.4
OKC				eS	S	19 47 37.4	+2.4
OKC						20 16 40.0	
OKC	comp=Z,1um,14.6s						
LANS	Liptovska Anna	77.19	329	eP	P	19 37 50.7	+1.2
LANS	Liptovska Anna	77.19	329	eP	P	19 37 50.7	+1.2
UPC	Udice	77.27	332	eP	P	19 37 50.5	+0.7
UPC				ePP	P	19 38 02.1	+1.4
UPC				eS	S	19 38 11.6	
UPC				eS	S	19 47 34.0	-2.9
UPC						19 48 06.6	
UPC	comp=Z,800nm,16.2s						
UPC	Udice	77.27	332	eP	P	19 37 50.5	+0.7
UPC				ePCP	P	19 38 02.1	+1.4
UPC				eS	S	19 47 34.0	-2.9
UPC						20 20 30.0	
DPC	Dobruska-Polom	77.30	332	eP	P	19 37 50.9	+0.9
DPC				ePP	P	19 38 03.0	+1.7
DPC				eS	S	19 47 38.8	+1.5
DPC				MLR	MLR		
DPC	comp=Z,1um,16.8s						
DPC	Dobruska-Polom	77.30	332	eP	P	19 37 50.9	+0.9
DPC				ePCP	P	19 38 03.0	+1.7
DPC				eS	S	19 47 38.8	+1.5
DPC				AMS	AMS	20 19 50.0	
TIRR	Tirgusor	77.32	321	iP	P	19 37 52.2	+2.0
HARR	Harsova	77.35	322	iP	P	19 37 51.0	+0.6
MORC	Moravsky Berou	77.36	331	eP	P	19 37 51.2	+0.8
MORC							
MORC	Moravsky Berou	77.36	331	eP	P	19 37 51.2	+0.8
MORC	comp=Z,236nm,1.4s						
MORC	Moravsky Berou	77.36	331	eP	P	19 37 51.2	+0.8
MORC	comp=Z,236nm,1.4s						
KRLC	Kraliky	77.37	331	eP	P	19 37 51.3	+0.8
KRLC				ePP	P	19 38 03.0	+1.7
KRLC	Kraliky	77.37	331	eP	P	19 37 51.3	+0.8
KRLC				ePCP	P	19 38 03.0	+1.7
URFA	Urfa	77.43	310	eP	P	19 37 52.3	+1.3
DOPR	Doenca	77.45	324	iP	P	19 37 52.0	+1.1
CLL	Colim	77.56	334	iP	P	19 37 51.4	0.0
CLL				eS	S	19 38 03.3	
CLL				eS	S	19 47 46.0	+5.9
CLL	comp=Z,41nm,1.1s						
CLL	Colim	77.56	334	eP	P	19 37 51.4	0.0
CLL	comp=Z,41nm,1.1s						
CLL	Colim	77.56	334	eP	P	19 37 51.4	0.0
CLL				ePP	P	19 38 03.5	+1.2
CLL				eP	P	19 37 51.4	0.0
CLL						19 37 51.4	0.0
CLL	comp=Z,44nm,1.3s						
CLL				iPCP	P	19 37 58.0	
CLL				eS	S	19 47 46.0	+5.9
CLL				eScS	S	19 48 16.0	+9.0
CLL				eSS	SS	19 53 00.0	+2.2
CLL				e(SSS)	S	19 56 42.0	
CLL				e	P	19 59 10.0	
CLL						20 15 00.0	
CJR	Cluj-Napoca	77.59	325	iP	P	19 37 53.1	+1.4
MLR	Muntele Rosu	77.59	323	iP	P	19 37 52.4	+0.5
ISR	Istrita	77.63	323	iP	P	19 37 53.9	+1.9
BRG	Berggiesshubel	77.64	333	eP	P	19 37 52.0	+0.2
BRG				e	P	19 38 05.6	
BRG	comp=Z,28nm,1.6s						
BRG	Berggiesshubel	77.64	333	eP	P	19 37 52.0	+0.2
BRG				eS	S	19 47 47.0	+6.1
BRG				eS	S	19 38 05.6	
BRG						19 47 47.0	+6.1
BRG	comp=Z,2.0nm,1.7s						
BRG	comp=N,28um,17.2s						
BRG	comp=E,862nm,15.3s						
BRG	comp=Z,683nm,15.7s						
BRG	Berggiesshubel	77.64	333	eP	P	19 37 52.1	+0.2
BRG				e	P	19 37 52.1	+0.2
PVCC	Panska Ves	77.73	333	eP	P	19 37 53.3	+0.9
PVCC				ePP	P	19 38 05.2	+1.9
PVCC	Panska Ves	77.73	333	eP	P	19 37 53.3	+0.9
PVCC				ePCP	P	19 38 05.2	+1.9
FBE	Freiberg	77.79	334	eP	P	19 37 53.0	+0.3
FBE	comp=Z,60nm,1.5s					</	

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Samothraki Isl, Menard, Bojanci, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LAS PENAS INFR, LPAZ, etc.

MOS 08 19:48:07.4+1.8, 49:86N; 157:00E, h18km, mb4.4/1, Error ellipse: s-maj=99.9km s-min=26.3km az=89.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Severo-Kuril's, Mutnovka, etc.

IDC 08 19:49:16.1+1.4, 44:39N; 150:54E, h0km, mb3.7/6, mb1 3.8/8, mb1mx3.5/46, mbtmp3.7/8, ML3.6/2, Error ellipse: s-maj=39.4km s-min=23.4km az=73.0

ISC/JB 08 19:49:21.5+0.8, 44:25N; 150:04E; 0.07, h35km, mb3.6/6, Error ellipse: s-maj=9.4km s-min=6.7km az=165.2

SKHL 08 19:49:22.8+0.3, 44:26N; 150:07E, h44km; 5km, mb4.4/3

JMA 08 19:49:22.0+0.5, 44:59N; 150:03E, h30km, M4.0

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

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

IDC 08 19:52:02.4+0.8, 44:55N; 150:23E, h0km, mb4.0/14, mb1 4.2/17, mb1mx4.0/42, mbtmp4.0/17, ML2.8/2, Error ellipse: s-maj=21.3km s-min=18.2km az=121.0

NEIC 08 19:52:04.2+0.6, 44:54N; 150:21E, h10km, mb4.6/1, Error ellipse: s-maj=14.7km s-min=9.9km az=142.0

ISC/JB 08 19:52:05.7+0.5, 44:30N; 150:05E; 0.05, h34km, mb4.0/15, Error ellipse: s-maj=8.8km s-min=4.3km az=156.7

SKHL 08 19:52:06.8+0.5, 44:30N; 150:11E, h44km; 5km, mb4.5/4

JMA 08 19:52:06.2+0.5, 44:50N; 150:09E, h30km, M4.2

ISC 08 19:52:06.9+0.7, 44:29N; 150:12E; 0.07, h34km, n59, s=145/65, mb4.0/15, East of Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Kuril'sk, Yuzh-Kuril'sk, Nemuro 2, etc.

IDC 08 19:35:23.4+1.2, 0:19S; 125:33E, h0km, mb3.2/4, mb1 3.4/6, mb1mx3.3/38, mbtmp3.3/6, ML2.8/2, Error

NEIC 08 19:52:42.7+1.1, 16:50S; 174:39W, h220km; 15km, mb4.3/2, Error ellipse: s-maj=26.5km s-min=15.7km az=124.0

IDC 08 19:52:42.8+1.6, 16:51S; 174:46W, h214km; 19km, mb4.0/6, mb1 4.1/7, mb1mx3.5/39, mbtmp4.5/7, Error ellipse: s-maj=37.7km s-min=18.9km az=133.0

AUST 08 19:52:45.6, 16:24S; 174:96W, h200km

ISC 08 19:52:41.6+0.8, 16:75S; 02:174:4W; 0.1, h200km, n22,

8d 20h

Table with columns for station code, name, frequency, and other parameters. Includes stations like JKA, ASAJ, JEM, ERM, JNBK, etc.

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Table with columns for station code, name, frequency, and other parameters. Includes stations like ARU, ABKAR, SUMG, FINES, etc.

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Table with columns for station code, name, frequency, and other parameters. Includes stations like YUK, NEM2, JRA, JNK, etc.

NEIC 08 20:33:01.6i.0.5, 44.49N; 149.88E, h10km, mb4.4/5, Error ellipse: s-maj=12.8km s-min=9.9km az=143.0

ISK 08 20:51:54.5i.0.40, 20N; 29.28E, h5km, MD3.0 CSEM 08 20:51:55.9i.0.1, 40.20N; 29.28E, h2km, MD2.9, Error ellipse: s-maj=2.6km s-min=2.1km az=149.0

Table with columns for Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KUR, ULUD, etc.

Table with columns for Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ULUD, ORNL, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Istanbul-Kandi, Sapanca-Adapaz, Eskisehir, Gulveren, etc.

CSEM 08 20:53:43.7, 0.2, 38.82N, 31.50E, h2km, MD2.8, Error ellipse: s-maj=5.8km s-min=4.0km az=35.0

DDA 08 20:53:44.1, 38.81N, 31.43E, h7km, MD2.9, Error ellipse: s-maj=8.9km s-min=4.9km az=1.0

ISC 08 20:53:44.1, 38.87N, 31.55E, h5km, MD2.9, Error ellipse: s-maj=9.9km s-min=4.9km az=1.0

ISC 08 20:53:44.1, 38.82N, 0.03, 31.48E, 0.02, h0km, 11km, n35, e073/53, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Bolvadin, Sivrihisar-ESK, Eskypehyr, Karahalli, etc.

WEL 08 21:04:51.9, 0.1, 43.45S, 172.16E, h6km, ML3.6/15, 1C-4D, Error ellipse: s-maj=0.5km 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 Oxford, Canterbury Lys, McQueen's Vall, Lake Taylor, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Tophouse, Fox Glacier, Otahua Downs, Jackson Bay, etc.

DDA 08 21:09:52.8, 36.20N, 34.32E, h7km, MD2.7, Error ellipse: s-maj=8.9km s-min=4.5km az=2.7

CSEM 08 21:09:54.6, 0.4, 36.27N, 34.27E, h10km, MD2.7, Error ellipse: s-maj=9.9km s-min=4.9km az=1.0

ISC 08 21:09:56.1, 36.33N, 34.31E, h21km, MD3.0, Error ellipse: s-maj=9.9km s-min=4.9km az=1.0

ISC 08 21:09:53.1, 1.4, 36.21N, 0.05, 34.31E, 0.03, h4km, 11km, n28, e045/42, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Mersin, Karatas, Gulek, Ermenek, etc.

DDA 08 21:17:52.2, 1.3, 37.37N, 75.50E, h0km, mb3.5/2, Error ellipse: s-maj=5.6km s-min=2.6km az=152.0

ISC/JCJ 08 21:18:12.9, 1.3, 38.1N, 0.1, 75.32E, 0.09, h135km, mb3.3/2, Error ellipse: s-maj=5.8km s-min=3.1km az=165.4

NNC 08 21:18:18.3, 4.8, 38.51N, 75.03E, h173km, 40km, mb2.5, mpv3.5, Error ellipse: s-maj=58.3km s-min=31.9km az=148.0

ISC 08 21:18:15.0, 1.6, 38.3N, 0.1, 75.30E, 0.09, h135km, n19, e139/22, 4C-5D, Southern Xinjiang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Sufi-Kurgan, Kyzart, Uchul, etc.

DDA 08 21:44:45.9, 7.1, 4.49N, 95.51E, h90km, 51km, mb3.0/4, Error ellipse: s-maj=95.9km s-min=19.9km az=60.0, Northern Sumatra

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

ASAR Alice Springs 46.73 129 P P 21 53 06.7 +0.4, 0.6nm, 0.9s, baz=298, slow=8.0, SNR=8.8

IDC 08 21:52:28.6, 44.0, 16.71S, 172.00W, h0km, mb4.2/3, Error ellipse: s-maj=860.3km s-min=182.4km az=80.0, Samoa Islands region

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

KRSC 08 21:54:51.6, 1.1, 52.52N, 159.77E, h54km, 12km, ML3.7, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Mys Shipunski, Nalytchevo, Petropavlovsk, Ugluyova, etc.

NIED 08 22:29:00.3, 0.60N, 142.20E, h8km, Mw4.3, Best double comp=3.0, 2000x1015, NP1.9, e82.00000, d14.00000, lambda-135.00000, NP2.9, 307.00000, delta.00000, lambda-80.00000

IDC 08 22:29:09.0, 0.5, 30.62N, 142.01E, h0km, mb4.1/17, mb1 2.4/22, mb1mx4.1/42, mbtmp4.1/22, ML4.0/5, MS3.1/7, MS1 3.1/7, ms1mx2.8/43, Error ellipse: s-maj=18.9km s-min=12.6km az=75.0

ISC/JCJ 08 22:29:10.7, 0.3, 30.58N, 0.03, 141.92E, 0.07, h23km, mb4.2/23, MS3.1/3, Error ellipse: s-maj=8.9km s-min=2.7km az=162.0

JMA 08 22:29:10.9, 0.2, 30.64N, 142.25E, h52km, M4.5, NEIC 08 22:29:10.8, 0.2, 30.60N, 142.02E, h12km, 15km, mb4.5/6, MW4.3(NIED), Error ellipse: s-maj=8.7km s-min=5.4km az=78.0

ISC 08 22:29:12.5, 0.5, 30.58N, 0.05, 142.02E, 0.09, h23km, n77, e196/83, mb4.3/23, MS3.3/3, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Hachiojimakas, Mitsune, Hachiojima 2, etc.

8d 22h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like WRAB Tennant Creek, WRO Warramunga Arr, AS12 Alice Springs, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like H08N3 Diego Garcia H, H08N2 Diego Garcia H, H08N1 Diego Garcia H, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like H08N3 Diego Garcia H, H08N2 Diego Garcia H, H08N1 Diego Garcia H, etc.

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

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NIKH Nikolski High, OKSO Okmok South, OKWE Okmok Wng Wal, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KUR Kuril'sk, KUR Kuril'sk, KUR Kuril'sk, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like YSS comp=N,300nm,15.0s, YSS comp=E,400nm,14.0s, YSS comp=E,30nm,0.7s, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like H11S1 WAKE ISLAND HY 2905 146, H11S2 WAKE ISLAND HY 2907 146, ULN Ulaanbaatar, etc.

Table with columns: CHN1, Nanshi, 2.28 228 eP, Pn, 00 23 09.9 +0.3, etc.

MEX 09 00:22:35.9-0.4, 17.32N-101.36W, h15km, 5km, MD3.9, Near coast of Guerrero

IDC 09 00:32:56.4-1.8, 4.42S-144.19E, h115km, 18km, mb3.6/3, mb1 3.6/6, mb1mx3.3/2, mbtbp3.9/6, Error ellipse: s-maj=24.9km s-min=11.7km az=49.0

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

NEIC 09 00:38:57.8, 43.32S-171.91E, h12km, ML.4 (WEL), After WEL

NEIC Felt in the Christchurch area, WEL 09 00:38:57.6-0.0, 43.33S-171.90E, h11km, ML.4/2/3, 2C-3D, Error ellipse: s-maj=0.5km s-min=0.4km az=90.0, South Island

Main table listing seismic stations with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

Table listing stations: MLZ Mavora Lakes, WHZ Wether Hill Ro, MRZ Mangatoinoka R, etc.

IDC 09 00:40:44.5-4.5, 4.84S-147.69E, h0km, mb3.1/1, mb1 3.5/2, mb1mx3.2/2, mbtbp3.3/2, ML3.7/1, Error ellipse: s-maj=167.2km s-min=47.7km az=108.0, Blismarck Sea

Table listing stations: WRA Warramunga Arr, ASAR Alice Springs, TORD Torodi Arr, etc.

IDC 09 00:40:59.1-2.6, 45.04N-150.12E, h0km, mb3.8/8, mb1 4.0/10, mb1mx3.7/4, mbtbp3.8/10, ML2.6/1, Error ellipse: s-maj=76.8km s-min=26.4km az=172.0

NIED 09 00:41:00.44-6.0N, 150.00E, h23km, Mw3.9, Best double couple: M=8.18000E-10, N1=3.16000E-10, N2=3.16000E-10, etc.

ISCJB 09 00:41:01.5-0.9, 44.46N-150.149E, h0.09, h34km, mb3.7/8, Error ellipse: s-maj=15.0km s-min=7.5km az=158.1

SKHL 09 00:41:07.0-0.6, 44.52N-149.50E, h35km, 5km, mb4.2/4, ISC 09 00:41:02.5-1.1, 44.5N-149.8E, h0.10, h34km, n21, r160/19, mb3.8/8, Kuril Islands

Table listing stations: KUR Kuril'sk, SHO Shikotan, etc.

ISCJB 09 00:56:01.1-0.9, 25.37N-101.141E, h0.02, h10km, mb3.7/9, MS4.0/4, Error ellipse: s-maj=20.9km s-min=10.1km az=32.5

IDC 09 00:56:01.6-1.1, 25.50N-141.38E, h0km, mb3.7/9, mb1 4.0/9, mb1mx3.7/4, mbtbp3.7/8, MS3.9/4, Ms1 3.9/4, ms1mx2.9/39, Error ellipse: s-maj=28.1km s-min=18.8km az=119.0

ISC 09 00:56:03.1-1.1, 25.5N-101.141E, h0.02, h10km, r084/12, mb3.8/9, MS3.9/4, Volcano Islands region

Main table listing seismic stations with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

ISCJB 09 00:49:38.5-0.6, 37.84N-103.21E, h2km, 4km, Error ellipse: s-maj=7.4km s-min=5.2km az=150.4

ATH 09 00:49:38.0, 37.84N-103.21E, h2km, 2km, MD2.8/12, CSEM 09 00:49:38.5-0.2, 37.85N-103.21E, h2km, ML1.6, Error ellipse: s-maj=4.9km s-min=3.3km az=35.0

THE 09 00:49:39.0, 37.88N-103.21E, h2km, ML1.6/3, Error ellipse: s-maj=0.8km s-min=0.4km az=261.0

ISC 09 00:49:39.1-1.1, 37.86N-103.21E, h2km, 3km, n33, r0949/56, Southern Greece

Main table listing seismic stations with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc.

Table listing stations: EFP Efpalio, ITM Ithomi, GUR Gaura, etc.

IDC 09 00:49:49.0-1.3, 6.28S-146.77E, h0km, mb3.8/4, mb1 4.1/6, mb1mx3.7/39, mbtbp3.8/6, ML2.7/2, MS2.6/2, Ms1 2.6/2, ms1mx2.4/39, Error ellipse: s-maj=41.4km s-min=21.5km az=92.0, Eastern New Guinea region

Table listing stations: PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, etc.

ISCJB 09 00:56:01.1-0.9, 25.37N-101.141E, h0.02, h10km, mb3.7/9, MS4.0/4, Error ellipse: s-maj=20.9km s-min=10.1km az=32.5

IDC 09 00:56:01.6-1.1, 25.50N-141.38E, h0km, mb3.7/9, mb1 4.0/9, mb1mx3.7/4, mbtbp3.7/8, MS3.9/4, Ms1 3.9/4, ms1mx2.9/39, Error ellipse: s-maj=28.1km s-min=18.8km az=119.0

ISC 09 00:56:03.1-1.1, 25.5N-101.141E, h0.02, h10km, r084/12, mb3.8/9, MS3.9/4, Volcano Islands region

Table listing stations: JCJ Chichijima, KSRS Korea Array, H1N1 WAKE ISLAND Hy 24.16 99 T, etc.

Table listing stations: H1N2 WAKE ISLAND Hy 24.16 99 T, H1N3 WAKE ISLAND Hy 24.18 99 T, etc.

Table listing stations: H1S1 WAKE ISLAND Hy 24.40 102 T, H1S2 WAKE ISLAND Hy 24.41 102 T, etc.

Table listing stations: H1S3 WAKE ISLAND Hy 24.46 102 T, H1S4 WAKE ISLAND Hy 24.47 102 T, etc.

Table listing stations: H1S5 WAKE ISLAND Hy 24.48 102 T, H1S6 WAKE ISLAND Hy 24.49 102 T, etc.

Table listing stations: H1S7 WAKE ISLAND Hy 24.50 102 T, H1S8 WAKE ISLAND Hy 24.51 102 T, etc.

Table listing stations: H1S9 WAKE ISLAND Hy 24.52 102 T, H1S10 WAKE ISLAND Hy 24.53 102 T, etc.

Table listing stations: H1S11 WAKE ISLAND Hy 24.54 102 T, H1S12 WAKE ISLAND Hy 24.55 102 T, etc.

Table listing stations: H1S13 WAKE ISLAND Hy 24.56 102 T, H1S14 WAKE ISLAND Hy 24.57 102 T, etc.

Table listing stations: H1S15 WAKE ISLAND Hy 24.58 102 T, H1S16 WAKE ISLAND Hy 24.59 102 T, etc.

Table listing stations: H1S17 WAKE ISLAND Hy 24.60 102 T, H1S18 WAKE ISLAND Hy 24.61 102 T, etc.

Table listing stations: H1S19 WAKE ISLAND Hy 24.62 102 T, H1S20 WAKE ISLAND Hy 24.63 102 T, etc.

Table listing stations: H1S21 WAKE ISLAND Hy 24.64 102 T, H1S22 WAKE ISLAND Hy 24.65 102 T, etc.

Table listing stations: H1S23 WAKE ISLAND Hy 24.66 102 T, H1S24 WAKE ISLAND Hy 24.67 102 T, etc.

Table listing stations: H1S25 WAKE ISLAND Hy 24.68 102 T, H1S26 WAKE ISLAND Hy 24.69 102 T, etc.

Table listing stations: H1S27 WAKE ISLAND Hy 24.70 102 T, H1S28 WAKE ISLAND Hy 24.71 102 T, etc.

Table listing stations: H1S29 WAKE ISLAND Hy 24.72 102 T, H1S30 WAKE ISLAND Hy 24.73 102 T, etc.

Table listing stations: H1S31 WAKE ISLAND Hy 24.74 102 T, H1S32 WAKE ISLAND Hy 24.75 102 T, etc.

Table listing stations: H1S33 WAKE ISLAND Hy 24.76 102 T, H1S34 WAKE ISLAND Hy 24.77 102 T, etc.

Table listing stations: H1S35 WAKE ISLAND Hy 24.78 102 T, H1S36 WAKE ISLAND Hy 24.79 102 T, etc.

Table listing stations: H1S37 WAKE ISLAND Hy 24.80 102 T, H1S38 WAKE ISLAND Hy 24.81 102 T, etc.

Table listing stations: H1S39 WAKE ISLAND Hy 24.82 102 T, H1S40 WAKE ISLAND Hy 24.83 102 T, etc.

Table listing stations: H1S41 WAKE ISLAND Hy 24.84 102 T, H1S42 WAKE ISLAND Hy 24.85 102 T, etc.

Table listing stations: H1S43 WAKE ISLAND Hy 24.86 102 T, H1S44 WAKE ISLAND Hy 24.87 102 T, etc.

Table listing stations: H1S45 WAKE ISLAND Hy 24.88 102 T, H1S46 WAKE ISLAND Hy 24.89 102 T, etc.

Table listing stations: H1S47 WAKE ISLAND Hy 24.90 102 T, H1S48 WAKE ISLAND Hy 24.91 102 T, etc.

Table listing stations: H1S49 WAKE ISLAND Hy 24.92 102 T, H1S50 WAKE ISLAND Hy 24.93 102 T, etc.

Table listing stations: H1S51 WAKE ISLAND Hy 24.94 102 T, H1S52 WAKE ISLAND Hy 24.95 102 T, etc.

Table listing stations: H1S53 WAKE ISLAND Hy 24.96 102 T, H1S54 WAKE ISLAND Hy 24.97 102 T, etc.

Table listing stations: H1S55 WAKE ISLAND Hy 24.98 102 T, H1S56 WAKE ISLAND Hy 24.99 102 T, etc.

Table listing stations: H1S57 WAKE ISLAND Hy 24.100 102 T, H1S58 WAKE ISLAND Hy 24.101 102 T, etc.

Table listing stations: H1S59 WAKE ISLAND Hy 24.102 102 T, H1S60 WAKE ISLAND Hy 24.103 102 T, etc.

Table listing stations: H1S61 WAKE ISLAND Hy 24.104 102 T, H1S62 WAKE ISLAND Hy 24.105 102 T, etc.

Table listing stations: H1S63 WAKE ISLAND Hy 24.106 102 T, H1S64 WAKE ISLAND Hy 24.107 102 T, etc.

9d 1h

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like TKM2 Tokmak 2, RTK Rohtak, KHET Khetri, KUDL Kundal, etc.

NIED 09 01:03:00, 30.60N, 142.10E, h11km, Mw3.9 Best double couple: M=9.32000, 1014 NP1=39.00000, 834.00000, 1-105.00000... NP2=q:237.00000, 857.00000, 1-80.00000

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like JHU2 Mitsune, CBJJ Chichi jima, MAJO Matushiro, etc.

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Main table with columns: Station Name, Az, El, P, S, Time, Res. Includes stations like NJ2 Tai'an, BJI Beijing, HHC Chengdu, etc.

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Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like SAML Samuel, LPAZ La Paz, ISCJB, MOS, JMA, SKHL, NEIC, IDC, CN2, etc.

Table with columns: ID, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like WAKE ISLAND, H1S2, ULN, etc.

IDC 09 04:16:02.5-1.3, 30.38N:141.33E, h0km, mb4.1/1, mb1 4.0/3, mb1mx3.4/4, mbtmp3.8/3, ML3.6/2, Error ellipse: s-maj=77.4km s-min=27.0km az=82.0

JMA 09 04:16:05.0-0.2, 30.71N:142.21E, h48km, M3.8

ISC 09 04:16:03.7-1.1, 30.59N:142.1E:0.3, h233km, n13, r154/19, Southeast of Honshu

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Chichi jima, Boso 1, Boso 3, etc.

IDC 09 04:16:33.4-1.3, 15.37S:172.73W, h0km, mb4.1/5, mb1 4.4/6, mb1mx3.9/42, mbtmp4.3/6, ML3.2/1, MS3.5/1, Ms1 3.5/1, ms1mx2.9/29, Error ellipse: s-maj=49.2km s-min=19.4km az=141.0

ISCJB 09 04:16:34.8-0.8, 15.2S:0.1:172.6W:0.1, h35km, mb4.1/4, MS3.4/1, Error ellipse: s-maj=18.6km s-min=9.0km az=44.1

ISC 09 04:16:37.4-0.9, 15.2S:0.1:172.6W:0.1, h35km, n15, r202/9, mb4.2/4, Samoa Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Afimafu, RAR, DZM, HNR, H1S12, etc.

MEX 09 04:17:18.9-0.5, 14.18N:92.53W, h16km, 90km, MD3.7, Near coast of Chiapas

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

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like ASCENSION HYDR 5.16 351, ASCENSION HYDR 5.17 350, etc.

NEIC 09 06:27:08.3, 43°61'S; 172°55'E, h5km, ML4.0 (WEL), After WEL. NEIC Widely felt in the Christchurch area.

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

MAN 09 06:30:01, 18°04'N, 122°39'E, h10km, mb4.3, ML3.1, MS2.9, 1C, Luzon

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Mt. Cagua, Palanan, Conner, Dolores, Brgy. Tapao, etc.

ISC/JB 09 06:38:48.4, 0.8, 21°74'N; 143°3'E; 0.2, h250km, mb3.5/10, Error ellipse: s-maj=30.2km s-min=9.8km, az=176.7

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Chichijima, Karray, Songino Array, Warramunga Arr, etc.

MAN 09 06:46:29, 13°52'N, 120°65'E, h68km, mb4.0, ML2.8, MS2.5

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Lubang, Tagaytay City, San Jose, etc.

DDA 09 07:04:29.7, 37°57'N; 35°54'E, h7km, MD2.7

ISC/JB 09 07:04:30.3, 0.7, 37°49'N; 0.6, 35°58'E; 0.05, h12km, Error ellipse: s-maj=9.4km s-min=2km az=155.5

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

ISC 09 07:05:13.9, 3.2, 10.84S; 166°11'E, h0km, mb3.8/4, mb1.4/1.4, mb1mx3.6/4.1, mbmtmp3.8/4, Error ellipse: s-maj=135.2km s-min=29.7km az=136.0, Santa Cruz Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Warramunga Arr, Asar, Elieison Array, etc.

WEL 09 07:09:13.0, 1.0, 45°17'S; 166°59'E, h12km, ML3.7/12, 2C-2D, Error ellipse: s-maj=1.4km s-min=0.7km az=90.0, Off west coast of South Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Deep Cove, Puysegur Point, Milford Sound, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Jackson Bay, Earnsclough, The Paps, Tuapeka, etc.

ISC 09 07:18:25.4, 2.7, 37°64'S; 73°81'W, h0km, mb3.6/3, mb1.4/0.5, mb1mx3.8/18, mbmtmp3.8/5, ML3.2/3.2, MS2.4/1, Ms1.2/4.1, ms1mx2.4/23.2, Error ellipse: s-maj=55.2km s-min=42.5km az=161.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Coronel Fontan, Limon Verde, Villa Florida, etc.

NEIC 09 07:22:10.6, 14°02'N; 93°91'W, h20km, MD4.3 (MEX), After MEX. MEX 09 07:22:10.6, 0.4, 14°02'N; 93°91'W, h20km, MD4.3, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Comitan, Comitan, Vista Hermosa, Vista Hermosa, etc.

GUC 09 07:27:54.1, 0.6, 36°99'S; 74°40'W, h29km, 2km, ML6.0

ISC/JB 09 07:27:58.0, 1.5, 37°02'S; 0.03, 73°58'W; 0.05, h15km, 9km, mb5.7/12, MS6.1/372, Error ellipse: s-maj=6.3km s-min=4.3km az=164.0

ISC 09 07:27:58.0, 3.4, 37°09'S; 73°51'W, h0km, mb4.8/20, mb1.4/9.2/4, mb1mx4.8/28, mbmtmp4.8/24, ML4.2/3, MS6.0/19, Ms1.6/0.19, ms1mx5.8/26, Error ellipse: s-maj=17.7km s-min=10.6km az=90.0

GCMT 09 07:28:01.7, 0.1, 37°27'S; 74°16'W, h12km, MW6.2/128, Moment Tensor Solution: s116, c239, s128, c444; Duration: 30 Moment tensor; Scale: 1018Nm; Mn: 1.08e-01; Mxx: 0.4e-01; Mxy: -1.2e-01; Myx: -0.05e-02; Mzz: 3.1300e+10; NP1: 182.00000; 876.00000; 1.88.00000; NP2: 11.00000; 814.00000; 1.99.00000; Principal axes: T 2.2890, Plg59.0000, Azm89.0000; N 0.0460, Plg2.0000, Azm183.0000; P -2.3370, Plg31.0000, Azm274.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s.

NEIC 09 07:28:01.7, 0.2, 37°03'S; 73°41'W, h16km, mb5.8/156, MS6.4, MS6.0/299, MW6.2, MW6.2, ML6.0 (GUC) Error ellipse: s-maj=7.0km s-min=4.8km az=73.0, Moment Tensor Solution: s128 Moment tensor; Scale 1018Nm; Mn: 0.94; Mxx: 0.56; Mxy: -1.50; Myx: -0.08; Mzz: -2.10; Best double couple: Mx2.50000e+10; NP1: 184.00000; 875.00000; 1.92.00000; NP2: 358.00000; 815.00000; 1.84.00000; Principal axes: T 2.1500, Plg60.0000; Azm97.0000; N 0.5600, Plg2.0000; Azm4.0000; P -2.7200, Plg30.0000, Azm173.0000; Broadband fault plane solution: P waves: NP1: 355.00000; 85.00000; 1.90.00000; NP2: 175.00000; 885.00000; 1.90.00000; Principal axes: T Plg50.0000; Azm65.0000; N Plg0.0000; Azm0.0000; P Plg40.0000; Azm265.0000; Depth from synthetics of broadband displacement seismograms. Energy computed from BB mechanism.

NEIC [F] at Arauco, Chiguayante, Concepcion, Laruquete, Lebu and Talcahuano; [IV] at Chillan, Parral and Quinchamal; [III] at Angol, Chivilan, La Laja, Linares, Puerto Saavedra, Renaico and San Rosendo; [II] at Santiago and Valdivia. Also felt at Canete, Los Angeles, Lota, Temuco and Vina del Mar. Felt at Mendoza, Argentina.

NEIC 09 07:28:02.0, 0.0, 37°01'S; 73°37'W, h18km, Moment Tensor Solution: s17 Moment tensor; Scale 1018Nm; Mn: 0.88; Mxx: 0.74; Mxy: -0.44; Myx: -0.47; Mzz: 2.41; Best double couple: Mx2.50000e+10; NP1: 190.00000; 881.00000; 1.91.00000; NP2: 357.00000; 88.00000; 1.77.00000; Principal axes: T 2.5200, Plg53.0000; Azm102.0000; N 0.0600, Plg2.0000; Azm10.0000; P -2.5800, Plg37.0000, Azm279.0000;

BUI 09 07:28:02.9, 37°00'S; 73°40'W, h16km, mb6.2/43, MS6.3/59, Ms7.6/257

MOS 09 07:28:11.7, 1.2, 36°53'S; 73°30'W, h90km, mb5.7/34, MS6.1/50, Error ellipse: s-maj=15.2km s-min=5.7km az=92.0

ISC 09 07:28:01.9, 0.4, 37°05'S; 0.03, 73°54'W, h18km, 1km, h18km; pp-P. n1293, c1513, mb5.8/188, MS6.1/377, 16C-14D, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like San Pedro de C, Coahuila, Puerto Saavedra, Linares, Talca, Hualae0, etc.

NICH	Los Niches	2.77	43	eP	Pn	07 28 44.1	-1.2
NICH				eS	Sb	07 29 24.2	-0.2
OSCH	Osorno	3.53	175	eP	Pn	07 28 50.7	-5.0
OSCH				eS	Sb	07 29 33.7	-3.2
LN	Longovivo	3.54	30	eP	Pn	07 28 55.0	-0.9
U73B	San Pedro	3.28	29	eP	Pn	07 28 54.7	-1.6
U73B	San Pedro	3.58	29	ePn	Pn	07 28 55.2	-1.1
U73B				eSn	Sb	07 29 37.2	-0.9
CHCH	Chadas Angostu	3.90	38	eP	Pn	07 29 01.9	+1.0
TACH	Talagante	4.00	33	eP	Pn	07 29 01.6	-0.6
RCMD	Rinconada Maip	4.20	33	eP	Pn	07 29 04.7	-0.3
ANTU	Antumapu	4.21	35	eP	Pn	07 29 04.5	-0.6
PCH	Pirque	4.22	37	eP	Pn	07 29 05.4	+0.1
SAN	Santiago	4.29	34	eP	Pn	07 29 04.2	-2.1
IHA	Instituto Hidir	4.31	22	eP	Pn	07 29 04.1	-2.3
STI	Santa Lucia	4.32	34	eP	Pn	07 29 05.3	-1.3
LACH	Col Las Americ	4.36	35	eP	Pn	07 29 06.8	-0.3
CLCH	Cerro Calca	4.40	35	eP	Pn	07 29 06.7	-1.0
PMCH	Puerto Montt	4.46	174	eP	Pn	07 29 04.2	-4.2
PMCH				eS	Sb	07 29 57.3	-2.4
PEL	Peidehue	4.55	32	eP	Pn	07 29 06.8	-3.0
ROCH	Ei Roble	4.57	28	eP	Pn	07 29 07.5	-2.8
HUNY	Huina	5.39	17	eP	Pn	07 29 14.8	-6.5
CFAA	Coronel Fontan	6.98	40	Pn	Pn	07 29 42.6	-0.6
CFAA	comp=E,1.3nm,0.3s,baz=229,slow=14,SNR=33						
CFAA	comp=E,1.3nm,0.3s,baz=229,slow=14,SNR=35						
CFAA	comp=E,2.4nm,20.8s,baz=224,slow=43						
LCO	Las Campanas	8.37	17	ePn	Pn	07 30 02.0	-0.4
TRQA	Tronquist	9.23	10	ePn	Pn	07 30 16.3	+2.2
CHRM	Cochrane	10.10	177	eP	Pn	07 30 25.1	-0.8
CHRM	Limon Verde	14.94	17	Pn	Pn	07 31 31.7	-0.6
LVC	comp=E,40nm,0.3s,baz=208,slow=7.8,SNR=17						
LVC	comp=E,20.1um,20.6s,baz=199,slow=38						
CPUP	Villa Florida	14.97	17	ePn	Pn	07 31 31.9	-0.4
CPUP	Villa Florida	17.43	57	eP	Pn	07 32 02.7	-1.3
CPUP	comp=E,0.4nm,0.3s,baz=227,slow=10,SNR=18						
CPUP	comp=E,38um,21.8s,baz=236,slow=38						
CPUP	Villa Florida	17.43	57	eP	Pn	07 32 04.9	-0.2
CPUP	Villa Florida	17.43	57	eP	Pn	07 32 04.9	-0.2
USHA	Ushuaia	18.12	170	P	P	07 32 11.6	-0.7
USHA	comp=E,1.4nm,0.3s,baz=323,slow=12,SNR=15						
USHA	comp=E,68um,19.8s,baz=324,slow=37						
EFI	East Falkland	18.27	148	P	P	07 32 14.7	+0.4
EFI	East Falkland	18.27	148	P	P	07 32 15.2	+0.9
EFI	comp=E,3um,1.1s,SNR=18						
EFI	East Falkland	18.27	148	ePn	Pn	07 32 15.0	+0.7
LPAZ	La Paz	21.23	14	P	P	07 32 46.4	-1.1
LPAZ	comp=E,58nm,1.0s,baz=187,slow=7.4,SNR=79						
LPAZ	La Paz	21.23	14	eP	Pn	07 32 48.2	+0.8
LPAZ	comp=Z,257nm,1.1s						
LPAZ	comp=Z,32um,22.0s						
LPAZ	La Paz	21.23	14	eP	Pn	07 32 48.2	+0.8
LPAZ	comp=Z,257nm,1.1s						
NNA	Nana	25.14	352	P	P	07 33 25.6	-0.4
NNA	comp=Z,9.5nm,0.7s,baz=200,slow=9.4,SNR=6.3						
NNA	Nana	25.14	352	eP	Pn	07 33 26.8	+0.9
NNA	comp=Z,33um,18.5s,baz=178,slow=33						
NNA	Nana	25.14	352	eP	Pn	07 33 26.8	+0.9
NNA	comp=Z,207nm,1.8s						
NNA	Nana	25.14	352	eP	Pn	07 33 26.8	+0.9
NNA	comp=Z,207nm,1.8s						
PMSA	Palmer Station	28.33	171	P	P	07 33 53.8	-0.3
PMSA	comp=Z,5.8nm,0.8s,baz=15,slow=6.3,SNR=6.0						
PMSA	comp=Z,40um,18.5s,baz=337,slow=39						
PMSA	Palmer Station	28.33	171	eP	Pn	07 33 54.1	0.0
PMSA	comp=Z,509nm,2.5s						
SAML	Santal	29.51	21	eP	Pn	07 34 04.7	-0.4
SAML	comp=Z,283nm,1.9s						
ATAH	Atahualpa	30.11	350	P	P	07 34 11.1	+0.2
ATAH	comp=Z,2.2nm,0.5s,baz=165,slow=9.5,SNR=10						
ATAH	comp=Z,1.6um,20.1s,baz=183,slow=33						
HOPE	Hope Point	30.64	136	P	P	07 34 16.0	+1.3
HOPE	comp=Z,828nm,1.0s,SNR=5.7						
HOPE	Hope Point	30.64	136	eP	Pn	07 34 16.3	+1.6
HOPE	comp=Z,202nm,1.1s						
HOPE	comp=Z,29um,21.0s						
BDFB	Brasilia	31.10	53	P	P	07 34 18.5	-0.8
BDFB	comp=Z,2.7nm,1.0s,baz=217,slow=6.9,SNR=25						
BDFB	Brasilia	31.10	53	eP	Pn	07 34 18.3	-1.0
BDFB	Brasilia	31.10	53	eP	Pn	07 34 18.3	-1.0
RPN	Rapa Nui	31.74	278	LR	LR	07 43 27.4	
OTAV	Otavallo	37.38	352	eP	Pn	07 35 15.2	+1.1
OTAV	comp=Z,449nm,2.0s						
OTAV	comp=Z,1.5um,20.0s						
PTGA	Pitinga	38.26	22	P	P	07 35 20.3	-0.7
PTGA	comp=Z,14nm,0.5s,baz=202,slow=9.5,SNR=20						
PTGA	Pitinga	38.26	22	eP	Pn	07 35 20.5	-0.5
PTGA	comp=Z,257nm,1.7s						
PAYG	comp=Z,4.1um,19.0s						
PAYG	comp=Z,136nm,1.3s						
PAYG	comp=Z,17um,18.0s						
ROSC	Ei Rosal	41.70	359	P	P	07 35 49.6	-0.5
ROSC	comp=Z,11nm,0.5s,baz=151,slow=2.9,SNR=16						
SDV	Santo Domingo	45.78	4	PFAKE		07 36 30.0	+7.4
SDV	comp=Z,28um,19.0s						
RCBR	Riachuelo	46.30	57	P	P	07 36 26.2	-0.5
RCBR	comp=Z,9.9nm,0.8s,baz=233,slow=13,SNR=3.6						
RCBR	Riachuelo	46.30	57	eP	Pn	07 36 24.1	-2.6
RCBR	Riachuelo	46.30	57	eP	Pn	07 36 29.4	-3.2
BCIP	Isla Barro Col	46.35	351	eP	Pn	07 36 27.7	+0.8
BCIP	comp=Z,992nm,2.6s						
BCIP	comp=Z,8um,20.0s						
VNA1	Neumayer-Stat	47.37	156	P	P	07 36 34.1	-0.1
VNA2	Neumayer-Watz	47.70	156	P	P	07 36 36.0	-0.8
VNA2	baz=281,slow=9.1						
JTS	JuntasAbangare	48.30	345	P	P	07 36 42.3	+0.3
JTS	comp=Z,4nm,0.3s,baz=153,slow=13,SNR=9.2						
JTS	JuntasAbangare	48.30	345	P	P	07 36 47.0	+4.9
JTS	comp=Z,235nm,1.3s,SNR=10						
JTS	JuntasAbangare	48.30	345	P	P	07 36 42.3	+0.3
JTS	comp=Z,4nm,0.3s,baz=153,slow=13,SNR=9.2						
JTS	Sanae	49.24	157	P	P	07 36 43.1	-4.9
JTS	Sanae	49.24	157	P	P	07 36 48.0	-0.9
SNAAS	Sanae	49.24	157	P	P	07 36 47.8	-1.0
SNAAS	comp=Z,18nm,0.9s,baz=281,slow=6.4,SNR=59						
SNAAS	Sanae	49.24	157	dP	Pn	07 36 46.8	-2.0
SNAAS	comp=Z,26nm,1.0s						
SNAAS	Sanae	49.24	157	eP	Pn	07 36 47.8	-1.0
SNAAS	comp=Z,340nm,2.1s						
PTCN	Pitcairn Islan	49.26	267	PFAKE		07 37 00.0	+1.1
PTCN	comp=Z,9um,22.0s						
GRGR	Grenville	50.19	15	eP	Pn	07 36 56.9	+0.4
GRGR	comp=Z,609nm,1.1s						
BBGH	Gunn Hill	51.63	17	PFAKE		07 37 20.0	+1.3
BBGH	comp=Z,30um,22.0s						
TGUH	Tegucigalpa,Un	52.46	343	eP	Pn	07 37 14.3	+0.8
TGUH	comp=Z,4nm,0.3s,baz=153,slow=13,SNR=9.2						
SNET	Serv Nac Est T	52.59	341	PFAKE		07 37 30.0	+1.5
SNET	comp=Z,8um,19.0s						
FD	Fort de France	52.81	15	eP	Pn	07 37 16.1	-0.1
FD	comp=Z,20um,19.0s						
FD	Fort de France	52.81	15	eP	Pn	07 37 16.1	-0.1
FD	comp=Z,20um,19.0s						
FD	Fort de France	52.81	15	eP	Pn	07 37 23.8	-0.6

DFD	comp=Z,20um,19.0s						
QSPA	South Pole Qui	53.19	180	P	P	07 37 17.6	-0.9
QSPA	comp=Z,7.3nm,0.8s,baz=146,slow=4.3,SNR=27						
QSPA	Sou Pole Qui	53.19	180	eP	Pn	07 37 17.7	-0.9
QSPA	comp=Z,250nm,1.5s						
NVL	N Lazarevskaya	54.02	156	eP	Pn	07 37 23.9	-0.5
NVL	comp=Z,12um,19.0s						
NVL							
NVL							
NVL							
NVL	comp=Z,46nm,0.9s						
NVL	comp=Z,16um,16.0s						
RKT	Rikitea	54.10	267	eS	S	07 44 54.7	-6.7
RKT	comp=Z,11um,26.2s						
RKT	comp=Z,2um,26.8s						
RKT	comp=Z,4um,30.8s						
RKT	comp=Z,34um,27.5s,baz=124						
RKT	Rikitea	54.10	267	eT	T	08 35 15.9	
RKT	comp=Z,4.5nm,0.2s						
ICMP	Isla Caja de M	55.04	8	eP	Pn	07 37 32.5	+0.1
ICMP	Mont Denham	55.11	355	eP	Pn	07 37 33.6	+0.6
ICMP	comp=Z,205nm,1.8s						
MTDJ	comp=Z,7um,19.0s						
SEUS	St. Eustatius	55.16	12	PFAKE		07 37 50.0	+1.7
SEUS	comp=Z,28um,18.0s						
OBIP	Obispado Ponce	55.19	8	eP	Pn	07 37 34.0	+0.6
OBIP	comp=Z,1um,2.7s						
CELP	Cerrillos	55.22	8	eP	Pn	07 37 33.2	-0.4
SABA	Saba	55.24	12	PFAKE		07 37 50.0	+1.6
SABA	comp=Z,32um,18.0s						
CPD	Cerro La Pandu	55.26	9	eP	Pn	07 37 33.3	-0.7
CPD	comp=Z,424nm,1.8s						
CPD	comp=Z,7um,19.0s						
CPD	Cerro La Pandu	55.26	9	eP	Pn	07 37 33.3	-0.7
CPD	comp=Z,424nm,1.8s						
CPD	comp=Z,7um,19.0s						
LGNH	LÖogne	55.27	1	PFAKE		07 37 50.0	+1.6
LGNH	comp=Z,9um,21.0s						
PAPH	Port-au-Prince	55.29	1	PFAKE		07 37 50.0	+1.6
PAPH	comp=Z,9um,18.0s						
SJG	San Juan	55.31	9	eP	Pn	07 37 33.6	-0.7
SJG	comp=Z,201nm,1.6s						
SJG	San Juan	55.31	9	eP	Pn	07 37 33.6	-0.7
SJG	comp=Z,22um,19.0s						
SJG	comp=Z,201nm,1.6s						
SJG	comp=Z,22um,19.0s						
HUMP	Col San Antoni	55.38	9	eP	Pn	07 37 34.3	-0.5
HUMP	comp=Z,74nm,1.4s						
LRS	Lares	55.41	8	eP	Pn	07 37 34.0	-1.1
AOPR	Arcobio Observ	55.47	8	eP	Pn	07 37 36.2	+0.7
AOPR	comp=Z,614nm,2.6s						
AGP	Aguadilla	55.49	7	PFAKE		07 37 50.0	+1.4
AGP	comp=Z,27um,19.0s						
ANWB	ANWB	55.55	14	PFAKE		07 37 50.0	+1.4
ANWB	comp=Z,13um,19.0s						

TSUM	comp=Z,7um,22.0s	79.55 106	eP	P	07 40 08.9 +0.8
TSUM	Glamis	79.55 106	eP	P	07 40 09.3 +1.3
TSUM	comp=Z,11um,20.0s		LR	LR	
Q30A	Quinter	79.56 339	P	P	07 40 07.4 0.0
O35A	Humboldt	79.64 343	P	P	07 40 07.1 -0.6
BFZ	Birch Farm	79.67 227	PFAKE	LR	07 40 20.0 +12
GLA	comp=Z,6um,19.0s	79.68 326	eP	P	07 40 10.9 +2.7
GLA	Glamis		pmax	pmax	
GLA	comp=Z,159nm,1.8s		MLR	MLR	
GLA	comp=Z,5um,19.0s	79.68 326	P	P	07 40 08.4 +0.2
GLA	Glamis	79.68 326	eP	P	07 40 10.9 +2.7
GLA	comp=Z,159nm,1.8s		LR	LR	
R27A	Eads	79.69 337	P	P	07 40 07.9 -0.3
MGZ	McQueen's Vall	79.69 222	PFAKE	LR	07 40 20.0 +12
MGZ	comp=Z,24um,19.0s		LR	LR	
Q29A	Oakley	79.69 339	P	P	07 40 08.2 0.0
P32A	Hutting Farm,	79.71 341	P	P	07 40 07.9 -0.3
BOSA	Boshof	79.73 118	eP	IAMB	07 40 17.1
BOSA	comp=Z,633nm,2.4s		IAMS_20	IAMS_20	08 20 44.0
BOSA	Boshof	79.73 118	P	P	07 40 08.5 -0.4
BOSA	comp=Z,23nm,0.8s,baz=225,slow=4.9,SNR=23		LR	LR	08 12 15.0
BOSA	comp=Z,8um,20.1s,baz=225,slow=33		P	P	07 40 08.0 -0.9
BOSA	Boshof	79.73 118	eP	pmax	
BOSA	comp=Z,465nm,2.2s	79.73 118	eP	P	07 40 08.0 -0.9
O34A	Beatrice	79.75 342	P	P	07 40 08.2 -0.1
P31A	Stockton	79.83 340	P	P	07 40 08.9 +0.1
ODZ	Odessa Downs	79.85 220	PFAKE	LR	07 40 20.0 +11
ODZ	comp=Z,9um,18.0s		LR	LR	
O33A	Hebron	79.87 341	P	P	07 40 08.5 -0.5
R26A	Arlington	79.91 337	P	P	07 40 10.4 +1.0
IBP	Imperial Bould	79.93 325	P	P	07 40 10.1 +0.5
SWSC	Sam W. Stewart	80.03 325	P	P	07 40 11.3 +1.3
ACCN	Adirondack Com	80.06 360	eP	P	07 40 10.3 +0.4
ACCN	comp=Z,34nm,1.3s		LR	LR	
KHZ	Kahutara	80.07 224	PFAKE	LR	07 40 20.0 +10
KHZ	comp=Z,6um,19.0s		LR	LR	
SDCO	Great Sand Dun	80.08 335	P	P	07 40 11.2 +0.7
SDCO	Great Sand Dun	80.08 335	eP	P	07 40 10.6 0.0
SDCO	comp=Z,73nm,1.4s		LR	LR	
P30A	Selden	80.09 339	P	P	07 40 10.9 +0.7
Q28A	Sharon Springs	80.11 338	P	P	07 40 11.1 +0.7
SNZO	South Karori	80.14 225	PFAKE	LR	07 40 20.0 +9.3
SNZO	comp=Z,7um,18.0s		LR	LR	
N35A	Tabor	80.15 343	P	P	07 40 10.6 +0.1
BAR	Barrett	80.22 324	eP	P	07 40 11.9 +0.8
BAR	comp=Z,57nm,1.4s		LR	LR	
O32A	Brookman Farm,	80.23 341	P	P	07 40 11.5 +0.6
MONP	Monument Peak	80.27 324	P	P	07 40 12.0 +0.3
KSCO	Kaye Shedlock	80.30 337	P	P	07 40 11.4 0.0
KSCO	Kaye Shedlock	80.30 337	eP	P	07 40 11.5 0.0
WUAZ	Wupatki	80.31 329	P	P	07 40 11.4 -0.3
WUAZ	Wupatki	80.31 329	eP	P	07 40 12.6 +1.0
WUAZ	comp=Z,165nm,1.6s		LR	LR	
N34A	Lincoln	80.33 343	P	P	07 40 11.4 0.0
P29A	Atwood	80.34 339	P	P	07 40 11.8 +0.1
O31A	Woolen Ranch,	80.40 340	P	P	07 40 12.5 +0.6
PDMC	Parker Dam,Lak	80.43 327	P	P	07 40 12.3 +0.2
N33A	J Bar K, Exete	80.47 342	P	P	07 40 12.4 +0.2
BC3	Big Chuckwall	80.47 326	P	P	07 40 12.9 +0.4
Q26A	Hugo	80.50 337	P	P	07 40 12.3 -0.3
BKZ	Black Stump Fm	80.50 228	PFAKE	LR	07 40 20.0 +7.2
BKZ	comp=Z,8um,19.0s		LR	LR	
S22A	4UR Ranch, Cre	80.54 334	P	P	07 40 13.3 +0.3
S22A	4UR Ranch, Cre	80.54 334	eP	P	07 40 13.8 +0.7
S22A	comp=Z,479nm,2.8s		LR	LR	
RPZ	Rata Peaks	80.54 222	PFAKE	LR	07 40 30.0 +17
RPZ	comp=Z,10um,20.0s		LR	LR	
P28A	Saint Francis	80.55 338	P	P	07 40 13.1 +0.3
109C	Camp Elliot, M	80.59 324	P	P	07 40 13.2 +0.1
SCIA	State Center	80.62 345	eP	P	07 40 12.6 -0.3
O30A	MW Ranch, Wils	80.63 340	P	P	07 40 13.4 +0.3
WHZ	Wether Hill Ro	80.64 218	PFAKE	LR	07 40 30.0 +17
WHZ	comp=Z,8um,18.0s		LR	LR	
NCB	Newcomb	80.65 359	PFAKE	LR	07 40 20.0 +6.9
NCB	comp=Z,6um,20.0s		LR	LR	
MVCO	Mesa Verde	80.67 332	P	P	07 40 14.2 +0.6
MVCO	Mesa Verde	80.67 332	eP	P	07 40 14.3 +0.6
MVCO	comp=Z,89nm,1.4s		LR	LR	
MDV	Middlebury	80.68 0	eP	P	07 40 14.7 +1.5
N32A	Stuiken Farm,	80.70 341	P	P	07 40 14.1 +0.6
URZ	Urewera	80.72 229	LR	LR	08 08 07.1
M35A	Neola	80.73 343	P	P	07 40 14.0 +0.4
IRM	Iron Mountain	80.76 326	P	P	07 40 14.4 +0.4
P27A	Ficken Ranch,	80.78 338	P	P	07 40 14.8 +0.7
O29A	4D Ranch, Culb	80.79 339	P	P	07 40 14.8 +0.8
WKZ	Wanaka	80.84 220	PFAKE	LR	07 40 30.0 +15
WKZ	comp=Z,7um,18.0s		LR	LR	
THZ	Tophouse	80.86 224	PFAKE	LR	07 40 30.0 +15
THZ	comp=Z,7um,18.0s		LR	LR	
PFO	Pinyon Flat Ob	80.89 325	eP	P	07 40 15.2 +0.4

PFO	comp=Z,119nm,1.4s		pmax	pmax	
PFO	Pinyon Flat Ob	80.89 325	P	P	07 40 18.0 +3.2
PFO	comp=Z,263nm,1.5s,SNR=16		P	P	07 40 15.0 +0.2
PFO	Pinyon Flat Ob	80.89 325	P	P	07 40 15.2 +0.4
N31A	Bailey Ranch,	80.93 341	eP	P	07 40 15.7 +0.9
N31A	comp=Z,119nm,1.4s		P	P	07 40 15.3 +0.4
M34A	Aspy Farms, Fr	80.98 343	P	P	07 40 15.7 +0.4
BELC	Belle Mtn. Jos	81.01 325	P	P	07 40 15.7 +0.3
P26A	Davis Ranch, A	81.03 337	P	P	07 40 15.9 +0.5
JFWS	Jewell Farm	81.03 348	eP	pmax	07 40 14.5 -0.7
JFWS	comp=Z,77nm,1.3s		MLR	MLR	
JFWS	comp=Z,7um,21.0s	81.03 348	eP	P	07 40 14.5 -0.7
JFWS	comp=Z,77nm,1.3s		LR	LR	
Q24A	Divide	81.06 336	P	P	07 40 16.5 +0.6
Q24A	Divide	81.06 336	PFAKE	LR	07 40 30.0 +14
Q24A	comp=Z,7um,21.0s		LR	LR	
O28A	Kruisinger Ran	81.07 338	P	P	07 40 16.3 +0.7
M33A	Taylor Creek F	81.19 342	P	P	07 40 16.1 +0.1
N30A	Hueftle Ranch,	81.21 340	P	P	07 40 16.7 +0.4
MURC	Murieta	81.23 324	P	P	07 40 16.4 -0.1
BGNE	Belgrade	81.27 342	eP	P	07 40 17.0 +0.5
BGNE	Belgrade	81.27 342	eP	P	07 40 16.4 -0.1
LONY	Lake Ozonia	81.30 359	eP	P	07 40 16.1 -0.5
LONY	comp=Z,125nm,1.3s		LR	LR	
LONY	comp=Z,6um,19.0s		LR	LR	
L35A	Bielow Farm, R	81.31 344	P	P	07 40 17.2 +0.5
WVL	Waterville	81.32 3	PFAKE	LR	07 40 30.0 +13
WVL	comp=Z,7um,22.0s		LR	LR	
DCZ	Deep Cove	81.33 218	PFAKE	LR	07 40 30.0 +13
DCZ	comp=Z,6um,19.0s		LR	LR	
O27A	Beaver Island	81.34 338	P	P	07 40 17.6 +0.6
SCIA	San Clemente I	81.36 323	P	P	07 40 17.3 +0.2
L34A	Svensden Farm,	81.37 343	P	P	07 40 17.5 +0.5
N29A	Votaw Ranch, W	81.38 340	P	P	07 40 18.0 +0.9
M31A	Lambrecht Ranc	81.42 341	P	P	07 40 17.8 +0.4
GMRC	Granite Mounta	81.51 326	P	P	07 40 18.9 +0.9
FRNY	Flat Rock	81.51 360	eP	P	07 40 17.7 +0.1
PV01	Paradox Valley	81.51 333	eP	P	07 40 18.9 +0.7
N28A	Pribbeno Ranch	81.52 339	P	P	07 40 19.0 +1.1
SEK	Senekal	81.57 119	eP	IAMB	07 40 17.8 -1.0
SEK	comp=Z,1um,2.7s		IAMB	IAMB	07 40 28.3
EMMW	East Machias	81.57 4	eP	P	07 40 19.1 +1.2
SADO	Sadowa	81.60 356	PFAKE	LR	07 40 30.0 +12
SADO	comp=Z,9um,18.0s		LR	LR	
O26A	Horse Wrangler	81.64 337	P	P	07 40 18.4 -0.2
BBRC	Big Bear Solar	81.65 325	P	P	07 40 19.9 +0.9
PV05	Paradox Valley	81.66 332	eP	P	07 40 19.6 +0.8
L33A	Hoskins	81.77 342	P	P	07 40 18.3 -0.8
L32A	Elgin	81.80 342	P	P	07 40 19.0 -0.3
K35A	Storm Lake	81.83 344	P	P	07 40 19.0 -0.4
FMP	Fort Macarthur	81.83 324	P	P	07 40 19.3 -0.3
M30A	Ortello V	81.84 340	P	P	07 40 19.8 +0.3
HEC	Hector,Ludlow	81.85 326	P	P	07 40 20.1 +0.3
PV04	Paradox Valley	81.86 333	eP	P	07 40 20.5 +0.5
SMCO	SNOWmass	81.87 334	eP	P	07 40 20.3 +0.1
SMCO	comp=Z,162nm,1.4s		LR	LR	
PV10	Paradox Valley	81.90 333	eP	P	07 40 19.2 -1.0
OGNE	Ogallala	81.90 339	P	P	07 40 20.3 +0.3
OGNE	Ogallala	81.90 339	eP	P	07 40 22.5 +2.6
N27A	Anderson Farm,	81.92 338	P	P	07 40 20.4 +0.3
BFSC	Mount Baldy Ra	81.97 324	P	P	07 40 20.7 +0.2
ISCO	Idaho Springs	81.97 336	eP	pmax	07 40 21.2 +0.6
ISCO	comp=Z,88nm,1.6s		MLR	MLR	
ISCO	comp=Z,3um,19.0s	81.97 336	P	P	07 40 21.0 +0.4
ISCO	Idaho Springs	81.97 336	eP	P	07 40 21.2 +0.6
ISCO	comp=Z,89nm,1.6s		LR	LR	
M29A	Burnside Ranch	81.98 340	P	P	07 40 20.2 -0.1
K34A	Le Mars	81.98 343	P	P	07 40 20.5 +0.2
TOZ	Tahuroa Road	82.03 228	eS	sP	07 40 29.9 +0.6
TOZ	comp=Z,6um,18.0s		LR	LR	
PV09	Paradox Valley	82.04 333	eP	P	07 40 21.9 +1.0
GLMI	Graying	82.12 352	PFAKE	LR	07 40 30.3 +9.2
K33A	Hardington	82.12 343	P	P	07 40 21.5 +0.6
M28A	Bar X Bar Ranc	82.13 339	P	P	07 40 21.8 +0.7
N26A	Koester Ranch,	82.15 338	P	P	07 40 21.6 +0.3
PASC	Pasadena A.C	82.16 324	eP	P	07 40 21.0 -0.4
PASC	comp=Z,173nm,1.8s		LR	LR	
PASC	comp=Z,7um,19.0s		LR	LR	
L31A	Butterfield Fa	82.17 341	P	P	07 40 21.4 +0.2
TUQ	Turquoise Moun	82.17 326	P	P	07 40 21.4 -0.2
L30A	Spencer Herefo	82.19 341	P	P	07 40 21.1 -0.2
RRX	Edison Barstow	82.19 325	P	P	07 40 21.3 -0.2
PRYS	Parys	82.23 118	eP	IAMB	07 40 22.1 -0.2
PRYS	comp=Z,461nm,2.6s		IAMB	IAMB	07 40 31.4
PRYS	comp=Z,8um,17.8s		IAMS_20	IAMS_20	08 17 09.8
DECC	Green Verdugo	82.29 324	P	P	07 40 21.8 -0.

H34A	Spellman Lake, baz=84	83.80	344	P	P	07 40 29.4	-0.1
I31A	Royce, Wessing baz=84	83.83	342	P	P	07 40 29.7	-0.1
I30A	Oacoma baz=84	83.95	341	P	P	07 40 30.4	+0.1
YES	Vestal, Richgr baz=84, SNR=14	83.95	324	P	P	07 40 30.6	+0.1
J28A	Allard Ranch, baz=84	83.97	340	P	P	07 40 30.5	0.0
K25A	Mack Ranch, Ha baz=84	83.97	338	P	P	07 40 30.2	-0.5
CWC	Cottonwood Cre baz=84	83.98	325	P	P	07 40 30.5	-0.4
H32A	Carlson Farm, baz=84	84.02	343	P	P	07 40 30.3	-0.4
J27A	Elkhorn Farm, baz=84	84.02	340	P	P	07 40 31.2	+0.3
H33A	Prehn Over Nor baz=84, SNR=7.2	84.03	344	P	P	07 40 29.8	-0.9
GRAC	Grapevine Rang baz=84	84.12	326	P	P	07 40 30.9	-0.6
H31A	Wolsey baz=85	84.24	342	P	P	07 40 31.8	-0.1
I29A	Vivian Onida baz=85	84.27	341	P	P	07 40 31.8	-0.2
MPU	Maple Canyon comp=Z,506nm,1.6s	84.31	332	eP	P	07 40 33.1	+0.5
SUSD	South Dakota S baz=85	84.33	342	P	P	07 40 32.6	+0.3
K24A	Anderson Ranch baz=85	84.36	337	P	P	07 40 33.0	+0.3
J26A	Sides Ranch, S baz=85	84.38	339	P	P	07 40 32.5	-0.2
R16C	Rector, Farmer baz=85	84.40	324	P	P	07 40 32.5	-0.3
OCTA	Springville comp=Z,154nm,1.5s	84.42	332	eP	P	07 40 27.5	-5.6
O16A	comp=Z,10um,18.0s			LR	LR		
NLU	North Lily Min comp=Z,139nm,1.6s	84.42	331	eP	P	07 40 33.8	+0.6
R11A	Troy Canyon, C baz=85, SNR=12	84.47	328	P	P	07 40 33.3	-0.1
R11A	Troy Canyon, C comp=Z,155nm,1.7s	84.47	328	eP	P	07 40 34.0	+0.7
I28A	Midland baz=85, SNR=12	84.48	340	P	P	07 40 32.6	-0.5
TIN	Tinemaha baz=85	84.55	326	P	P	07 40 33.7	-0.1
K23A	Bowen Ranch, D baz=85	84.64	337	P	P	07 40 34.1	-0.1
J25A	Sunshine Ranch baz=85	84.66	338	P	P	07 40 34.2	0.0
H27A	Quinn baz=85	84.79	340	P	P	07 40 35.0	+0.3
I29A	Onida baz=85	84.81	341	P	P	07 40 35.0	+0.3
K22A	Casper baz=85	84.83	336	P	P	07 40 35.1	0.0
K22A	Casper comp=Z,262nm,1.8s	84.83	336	eP	P	07 40 35.4	+0.3
K22A	comp=Z,3um,19.0s			LR	LR		
OUZ	Omahuta	84.84	229	PFAKE	LR	07 40 50.0	+15
CWU	comp=Z,35um,20.0s			LR	LR		
J24A	Camp Williams Dixon Ranch, L baz=85	84.86	331	eP	P	07 40 32.1	-3.2
DUG	Dugway	84.87	338	P	P	07 40 35.1	-0.1
DUG	comp=Z,141nm,1.5s	84.92	331	eP	pmax	07 40 36.7	+1.2
DUG	comp=Z,8um,18.0s			MLR	MLR		
DUG	Dugway baz=85, SNR=9.3	84.92	331	P	P	07 40 35.1	-0.4
DUG	Dugway comp=Z,142nm,1.5s	84.92	331	eP	P	07 40 36.7	+1.2
DUG	comp=Z,8um,18.0s			LR	LR		
CTU	Camp Tracy	84.94	332	eP	P	07 40 36.7	+1.1
MTUM	Tungsten Hills	84.95	326	eP	P	07 40 37.9	+2.0
MTUM	New Underwood	84.98	339	P	P	07 40 35.0	-0.7
G30A	Faulkton baz=85	85.02	342	P	P	07 40 35.7	-0.1
F33A	5 Mile Ranch, baz=85	85.03	344	P	P	07 40 35.7	0.0
H28A	Mission Ridge baz=85	85.07	341	P	P	07 40 36.2	+0.1
TCUT	Toone Canyon comp=Z,181nm,1.6s	85.18	332	eP	P	07 40 37.4	+0.4
TCUT	comp=Z,4um,20.0s			LR	LR		
I25A	Rochford baz=86, SNR=12	85.22	339	P	P	07 40 36.2	-0.8
G29A	Hoven baz=86	85.27	342	P	P	07 40 37.2	+0.1
MLAN	Mammoth Lakes baz=86	85.30	326	P	P	07 40 37.0	-0.6
H27A	Howes baz=86, SNR=7.2	85.31	340	P	P	07 40 35.9	-1.4
E35A	Pequoy Lakes baz=86	85.32	346	P	P	07 40 37.0	-0.2
RSSD	Black Hills	85.40	338	eP	pmax	07 40 37.8	-0.1
RSSD	comp=Z,44nm,1.1s			MLR	MLR		
RSSD	comp=Z,4um,18.0s			LR	LR		
RSSD	Black Hills	85.40	338	eP	P	07 40 37.8	-0.1
RSSD	comp=Z,44nm,1.1s			LR	LR		
G28A	Parade baz=86	85.41	341	P	P	07 40 37.8	0.0
E34A	Wadena baz=86	85.43	345	P	P	07 40 37.7	-0.1
H07S1	FLORES T-PHASE	85.45	32	eP	P	07 40 44.2	+6.1
H26A	Fairpoint	85.49	340	P	P	07 40 37.9	-0.3
E33A	Westby DABS, E baz=86	85.60	345	P	P	07 40 38.4	-0.2
BGU	Big Grassy Mou comp=Z,310nm,2.4s	85.63	331	eP	P	07 40 41.8	+2.7
BGU	comp=Z,8um,18.0s			LR	LR		
F30A	Leola baz=86	85.65	342	P	P	07 40 38.8	-0.1
HWUT	Hardware Ranch comp=Z,436nm,2.0s	85.66	332	eP	P	07 40 39.3	0.0
HWUT	comp=Z,5um,21.0s			LR	LR		
D36A	Goodland baz=86	85.68	347	P	P	07 40 38.9	-0.1
I23A	Meade Ranch, G baz=86	85.68	337	P	P	07 40 38.7	-0.5
NV01	Mina Array Sit	85.72	326	eP	P	07 40 39.3	-0.4
NV4R	Mina Array Bea comp=Z,5.2nm,0.9s,baz=148,slow=6.1,SNR=13	85.72	326	P	P	07 40 39.5	-0.2
H25A	Fruitdale baz=86	85.73	339	P	P	07 40 39.1	-0.3
D35A	Remer baz=86	85.75	346	P	P	07 40 39.4	+0.1
J21A	Lysite baz=86	85.76	336	P	P	07 40 39.5	-0.3
SAO	San Andreas Ge	85.81	323	PFAKE	LR	07 40 50.0	+10
SAO	comp=Z,5um,18.0s			LR	LR		
F29A	Eureka baz=86	85.84	342	P	P	07 40 39.6	-0.2
E32A	Braaten, Kindr baz=86	85.91	344	P	P	07 40 39.8	-0.3
BW06	Boulder Array comp=Z,102nm,1.6s	85.95	334	eP	P	07 40 40.4	-0.4
BW06	comp=Z,9um,20.0s			LR	LR		
G27A	Dupree baz=86	85.97	340	P	P	07 40 40.1	-0.4
J20A	Shoshoni baz=86	85.97	336	P	P	07 40 40.8	0.0
PPNO	Prainha do Nor comp=Z,7nm,1.0s	85.97	34	eP	P	07 40 43.6	+2.9
D34A	Park Rapids baz=86	85.98	345	P	P	07 40 40.8	+0.3
E31A	Nome baz=86	86.06	343	P	P	07 40 40.8	-0.1

G26A	Maurine baz=86, SNR=10.0	86.07	340	P	P	07 40 40.1	-0.9
F28A	McLaughlin baz=86	86.10	341	P	P	07 40 40.5	-0.6
I21A	Big Trails, Te baz=86	86.12	336	P	P	07 40 40.8	-0.7
EYMN	Ely baz=86	86.13	348	P	P	07 40 40.7	-0.6
EYMN	Ely	86.13	348	eP	sP	07 40 41.5	+0.3
EYMN	Ely	86.13	348	eP	sP	07 40 48.7	-0.9
D33A	AnnSam, Waubun comp=Z,4um,20.0s	86.17	345	P	P	07 40 41.0	-0.4
PMAN	Manadas comp=Z,102nm,1.1s	86.19	34	eP	P	07 40 44.7	+3.0
ROSA	Rosais comp=Z,70nm,1.0s	86.19	34	eP	P	07 40 44.9	+3.2
ROSA	Rosais	86.19	34	PFAKE	LR	07 40 50.0	+8.3
G25A	Newell baz=87, SNR=10	86.20	339	P	P	07 40 40.7	-1.1
J19A	Crowheart baz=87, SNR=14	86.22	335	P	P	07 40 40.3	-1.8
PSMA	Santa Maria comp=Z,57nm,1.3s	86.23	37	eP	P	07 40 44.0	+2.0
E30A	Juc baz=87	86.25	343	P	P	07 40 41.1	-0.7
HVU	Hansel Valley	86.26	332	eP	pmax	07 40 44.8	+2.5
HVU	comp=Z,160nm,1.6s			MLR	MLR		
HVU	Hansel Valley comp=Z,7um,18.0s	86.26	332	eP	P	07 40 44.8	+2.5
HVU	comp=Z,160nm,1.6s			LR	LR		
PSMN	Pico do Norte, comp=Z,7um,18.0s	86.27	37	eP	P	07 40 43.1	+0.9
CMB	Columbia Colle comp=Z,58nm,1.7s	86.34	325	eP	pmax	07 40 44.8	+2.3
CMB	CMB comp=Z,90nm,1.7s			MLR	MLR		
CMB	Columbia Colle comp=Z,6um,19.0s	86.34	325	eP	P	07 40 44.8	+2.3
CMB	CMB comp=Z,90nm,1.7s			LR	LR		
ELK	Elko comp=Z,6um,19.0s	86.35	330	eP	pmax	07 40 43.1	+0.3
ELK	ELK comp=Z,74nm,1.4s	86.35	330	eP	pmax	07 40 43.1	+0.3
XMAS	Kiritimati	86.36	275	PFAKE	LR	07 41 00.0	+17
XMAS	XMAS			LR	LR		
TOAO	Torodi Ar. Sit	86.39	71	eP	P	07 40 42.4	-0.9
TOB3	Torodi Ar. Sit	86.39	71	eP	P	07 40 42.9	-0.4
TORD	Torodi Ar. Bea	86.39	71	P	P	07 40 42.2	-1.1
TORD	comp=Z,6.6nm,0.8s,baz=230,slow=2,SNR=36			LR	LR		
TORD	comp=Z,10um,18.0s			LR	LR		
D32A	Dogwood Acres, baz=87	86.41	344	P	P	07 40 41.9	-0.7
F27A	Lemmon baz=87, SNR=7.2	86.44	340	P	P	07 40 41.8	-1.0
E29A	Napoleon baz=87	86.48	342	P	P	07 40 42.9	-0.1
D31A	Mociaflin, Tow baz=87	86.49	349	P	P	07 40 42.9	-0.1
AHID	Auburn Hatcher	86.50	333	PFAKE	LR	07 41 00.0	+17
AHID	AHID			LR	LR		
I20A	Worland comp=Z,7um,21.0s	86.52	336	P	P	07 40 43.7	+0.3
H22A	Clearmont baz=87	86.53	337	P	P	07 40 43.6	+0.2
F26A	Loeppole baz=87	86.60	340	P	P	07 40 44.1	+0.4
PSET	Sete Cidades comp=Z,55nm,0.3s	86.62	36	eP	P	07 40 45.2	+1.3
C33A	Trail baz=87	86.74	345	P	P	07 40 43.7	-0.5
E28A	Huff baz=87	86.75	342	P	P	07 40 44.3	0.0
D30A	Buchanan baz=87	86.78	343	P	P	07 40 44.6	+0.2
BART	Pico Bartolome comp=Z,72nm,1.6s	86.84	36	eP	P	07 40 42.3	-2.7
E27A	Carson baz=87	86.84	341	P	P	07 40 45.0	+0.2
I19A	Meeteetse baz=87, SNR=5.4	86.88	335	P	P	07 40 45.1	-0.2
F25A	Bowman baz=87	86.89	340	P	P	07 40 45.1	+0.1
BMN	Battle Mountai comp=Z,136nm,2.8s	86.91	328	eP	pmax	07 40 47.3	+1.9
BMN	BMN			MLR	MLR		
BMN	Battle Mountai comp=Z,5um,20.0s	86.91	328	eP	P	07 40 47.2	+1.9
BMN	BMN comp=Z,136nm,2.8s			LR	LR		
REDW	Red Top Meadow comp=Z,2.5um,20.0s	86.93	334	eP	P	07 40 45.4	-0.2
REDW	comp=Z,110nm,1.7s			LR	LR		
D29A	Pettibone, Tap baz=87	86.94	342	P	P	07 40 45.2	0.0
MSNA	Messina	86.95	116	eP	IAMB	07 40 45.9	-0.2
MSNA	MSNA						

KHMM	Horse Mountain	90.16	324	eP	P	07 41 01.3	+0.5
KHMM	Callahan			LR	LR		
M02C	comp=Z,6.0m,19.0s	90.16	325	P	P	07 41 01.0	+0.3
K05A	Summer Lake	90.36	327	eP	P	07 41 03.7	+1.9
K04D	Chiloquin, OR	90.65	327	P	P	07 41 03.5	+0.5
EGMT	Eagleton	90.66	337	P	P	07 41 03.2	+0.3
EGMT	Eagleton	90.66	337	PFAKE	LR	07 41 10.0	+7.1
CHMT	Chamberlain Mo	90.86	334	eP	P	07 41 05.5	+1.5
I07A	Ize	90.87	329	eP	P	07 41 04.7	+0.6
I07A	comp=Z,5.1nm,1.5s			LR	LR		
J05D	Fort Rock, OR	90.96	327	P	P	07 41 04.8	+0.3
MSO	Missoula	91.03	334	P	P	07 41 04.9	+0.2
MSO	Missoula	91.03	334	eP	P	07 41 08.4	+3.8
MSO	comp=Z,1.11nm,2.5s			LR	LR		
L02D	Cave Junction,	91.11	325	P	P	07 41 05.3	+0.2
HUMO	Huli Mountain	91.17	326	PFAKE	LR	07 41 20.0	+15
HUMO	comp=Z,5.0m,20.0s			LR	LR		
SLMT	Seelye Lake	91.22	334	eP	P	07 41 08.3	+2.7
PINOR	Pine Mountain	91.23	328	eP	P	07 41 09.8	+4.3
J04D	Umpqua Nationa	91.30	327	P	P	07 41 04.8	-1.4
KBO	Bosley Butte	91.44	325	PFAKE	LR	07 41 20.0	+13
KBO	comp=Z,4.0m,18.0s			LR	LR		
SWMT	Swartz Lake	91.63	334	eP	P	07 41 08.1	+0.6
G06A	Pilot Rock	91.64	330	eP	P	07 41 07.8	+0.2
G06A	comp=Z,7.9nm,1.8s			LR	LR		
SCHO	Schefferville	91.70	4	LR	LR	08 23 44.8	
I05D	Terrebonne, OR	91.85	328	P	P	07 41 10.8	+2.3
I04A	Tendick Farm,	91.88	327	P	P	07 41 09.6	+1.0
JTMT	Jette	91.93	334	eP	P	07 41 09.3	+0.4
YBMT	Yellow Bay	91.94	334	eP	P	07 41 10.0	+1.1
KEBM	Edson Butte	92.01	325	PFAKE	LR	07 41 20.0	+11
KEBM	comp=Z,4.0m,18.0s			LR	LR		
BLMT	Blacktail Moun	92.19	334	eP	sP	07 41 09.9	-0.3
BSMT	Bassoo Peak	92.20	334	eP	P	07 41 17.3	-1.2
I03D	Drain, OR	92.21	326	P	P	07 41 10.7	+0.5
G06A	Carlson Farm,	92.28	329	eP	P	07 41 13.7	+3.3
G06A	comp=Z,1.139nm,2.2s			LR	LR		
HAWA	Hanford	92.77	330	eP	P	07 41 14.1	+1.5
HAWA	comp=Z,4.0m,18.0s			LR	LR		
COR	Corvallis	92.90	327	PFAKE	LR	07 41 20.0	+6.8
COR	comp=Z,4.0m,18.0s			LR	LR		
WALA	Waterton Lakes	92.92	335	eP	P	07 41 13.8	+0.4
WALA	comp=Z,4.9nm,1.4s			LR	LR		
D08A	Wollman Farm,	93.08	331	eP	P	07 41 17.4	+3.4
D08A	comp=Z,3.3nm,1.4s			LR	LR		
NEW	Newport	93.39	333	eP	P	07 41 17.4	+1.9
NEW	comp=Z,5.0m,18.0s			LR	LR		
NEW	comp=Z,2.8nm,1.4s			MLR	MLR		
NEW	Newport	93.39	333	P	P	07 41 15.3	-0.2
NEW	comp=Z,5.0m,18.0s			LR	LR		
NEW	comp=Z,2.8nm,1.4s			MLR	MLR		
NEW	Newport	93.39	333	eP	P	07 41 17.4	+1.9
NEW	comp=Z,5.0m,18.0s			LR	LR		
C09A	Christman Ranch	93.44	332	eP	P	07 41 18.5	+2.8
C09A	comp=Z,4.6nm,1.5s			LR	LR		
LTY	Liberty	93.93	330	PFAKE	LR	07 41 30.0	+12
LTY	comp=Z,4.0m,18.0s			LR	LR		
LON	Longmire	93.99	329	eP	P	07 41 18.8	+0.5
LON	comp=Z,5.0m,18.0s			LR	LR		
LON	comp=Z,2.5nm,1.6s			MLR	MLR		
LON	Longmire	93.99	329	eP	P	07 41 18.8	+0.5
LON	comp=Z,2.4m,19.0s			LR	LR		
LON	comp=Z,2.4nm,1.6s			MLR	MLR		
RTC	Rabat Centre	94.06	50	PFAKE	LR	07 41 30.0	+11
RTC	comp=Z,7.75m,21.0s			LR	LR		
B08A	Colville Reser	94.30	331	PFAKE	LR	07 41 30.0	+10
B08A	comp=Z,5.0m,19.0s			LR	LR		
FFC	Flin Flon	94.63	344	PFAKE	LR	07 41 30.0	+9.1
FFC	comp=Z,5.0m,19.0s			LR	LR		
PVFI	Vila Bisbo	95.02	46	eP	P	07 41 24.6	+1.4
PVFI	comp=Z,5.0m,20.0s			LR	LR		
PVFI	Vila Bisbo	95.02	46	PFAKE	LR	07 41 30.0	+6.8
PVFI	comp=Z,5.0m,19.0s			LR	LR		
TAM	Tamanrasset	95.22	65	eP	P	07 41 24.9	+0.3
TAM	comp=Z,1.17m,18.0s			LR	LR		
TAM	Tamanrasset	95.22	65	eP	P	07 41 24.9	+0.3
TAM	comp=Z,2.65nm,2.8s			MLR	MLR		
TAM	Tamanrasset	95.22	65	eP	P	07 41 24.9	+0.3
TAM	comp=Z,1.44m,20.0s			LR	LR		
MORF	Marmelete	95.24	46	eP	P	07 41 24.0	-0.3
MORF	comp=Z,1.14m,20.0s			LR	LR		
MORF	Marmelete	95.24	46	eP	P	07 45 13.5	-1.4
MORF	comp=Z,1.3m,19.9s			LR	LR		
MORF	Marmelete	95.24	46	eP	P	07 45 13.4	-0.3
MORF	comp=Z,1.3m,19.9s			LR	LR		
B06A	Marblemount	95.27	330	PFAKE	LR	07 41 40.0	+16
B06A	comp=Z,4.0m,21.0s			LR	LR		
NLWA	Neilton Lookou	95.35	328	PFAKE	LR	07 41 40.0	+16
NLWA	comp=Z,4.0m,21.0s			LR	LR		
POHA	Pohakuioa	95.55	290	PFAKE	LR	07 41 40.0	+14
POHA	comp=Z,4.0m,21.0s			LR	LR		
PBDV	Barranco-do-Ve	95.62	47	eP	P	07 41 27.9	+2.0
PCVE	Castro Verde	95.82	47	eP	P	07 41 28.4	+1.6
PVAQ	Vaqueiros	95.85	47	eP	P	07 41 28.6	+1.6
PVAQ	comp=Z,1.5m,18.0s			LR	LR		
MESJ	Messejana	95.86	46	eP	P	07 41 26.8	-0.2
MESJ	comp=Z,1.5m,18.0s			LR	LR		
MESJ	Messejana	95.86	46	eP	P	07 52 01.8	-0.3
MESJ	comp=Z,1.44m,18.6s			LR	LR		
MESJ	Messejana	95.86	46	eP	P	07 41 28.9	+1.9
MESJ	comp=Z,1.44m,18.6s			LR	LR		
MESJ	Messejana	95.86	46	eP	P	07 41 26.7	-0.2
MESJ	comp=Z,1.44m,18.6s			LR	LR		
PNCL	Nicloud / Gran	95.86	46	eP	P	07 41 27.7	+0.7
LHI	Lorow Howe Isla	95.90	223	PFAKE	LR	07 41 40.0	+12
LHI	comp=Z,6.0m,18.0s			LR	LR		
LIS	Lisbon	95.92	45	eP	P	07 41 27.2	-0.1
LIS	comp=Z,1.3m,17.0s			LR	LR		

LIS	Lisbon	95.92	45	eP	P	07 41 27.1	-0.1
PGC	Sidney	96.17	329	PFAKE	LR	07 41 40.0	+12
PGC	comp=Z,6.0m,19.0s			LR	LR		
EDM	Edmonton	96.31	337	eP	P	07 41 27.2	-1.5
EDM	comp=Z,4.2nm,1.5s			MLR	MLR		
EDM	Edmonton	96.31	337	eP	P	07 41 27.2	-1.5
EDM	comp=Z,5.0m,18.0s			LR	LR		
EDM	comp=Z,4.2nm,1.5s			MLR	MLR		
PBAR	Barraquos	96.77	47	eP	P	07 41 36.5	+5.4
FCC	Fort Churchill	96.99	349	PFAKE	LR	07 41 40.0	+8.5
FCC	comp=Z,6.0m,20.0s			LR	LR		
PMRV	Marv??o	97.41	46	eP	P	07 41 34.9	+0.8
PMRV	comp=Z,1.1m,20.0s			LR	LR		
CAN	Canberra	97.86	214	PFAKE	LR	07 41 50.0	+14
CAN	comp=Z,6.0m,18.0s			LR	LR		
MTE	Manteigas	97.86	45	eLR	LR	08 15 24.5	
MTE	comp=Z,1.9m,20.0s			LR	LR		
MTE	Manteigas	97.86	45	eLR	LR	07 41 50.0	+13
MTE	comp=Z,1.9m,20.0s			LR	LR		
DZM	Mont Duane	98.46	234	ePP	PP	07 45 39.1	-0.1
DZM	comp=Z,5.46nm,25.3s			LR	LR		
DZM	comp=Z,3.0m,28.6s			eSP	SP	07 54 23.5	-7.7
DZM	comp=Z,3.0m,24.8s			eSS	SS	07 59 49.9	-1.0
DZM	comp=Z,2.0m,29.6s			eLQ	LQ	08 09 31.8	
DZM	comp=Z,2.6m,29.4s			eLR	LR	08 13 38.2	
POLO	Lamas de O	98.49	44	eP	P	07 41 40.3	+1.3
PGAV	Gavieira, Arco	98.63	43	eP	P	07 41 41.4	+1.8
PGAV	comp=Z,1.1m,20.0s			LR	LR		
PGAV	Gavieira, Arco	98.63	43	eP	P	08 00 46.9	+9.3
PGAV	comp=Z,1.1m,20.0s			LR	LR		
MVO	Moncorvo	98.78	44	eLR	LR	08 15 50.6	
MVO	comp=Z,8.0m,18.0s			LR	LR		
PAB	San Pablo	99.25	47	PFAKE	LR	07 41 50.0	+7.7
PAB	comp=Z,1.4m,18.0s			LR	LR		
ESDC	Sonsca Array	99.56	47	P	P	07 41 41.9	-1.8
ESDC	comp=Z,0.2nm,0.4s,baz=250,slow=3.7,SNR=2.6			LR	LR		
ABPO	Ambohimpanon	101.12	124	PFAKE	LR	07 42 00.0	+8.6
ABPO	comp=Z,8.0m,18.0s,baz=245,slow=36			LR	LR		
VAL	Valentia	104.39	35	ePP	PP	07 46 21.2	-2.9
VAL	comp=Z,2.8m,20.0s			LR	LR		
VAL	Valentia	104.39	35	iPS	PS	07 55 47.7	+11
EIDS	Eidsvold	105.04	21	PFAKE	LR	07 46 30.0	
EIDS	comp=Z,4.0m,18.0s			LR	LR		
SFJD	Kangerlussuaq	105.19	9	iP	PKIKP	07 46 27.3	+5.3
SFJD	comp=Z,5.0m,23.0s			LR	LR		
SFJD	Kangerlussuaq	105.19	9	PFAKE	LR	07 46 30.0	
SFJD	comp=Z,6.0m,20.0s			LR	LR		
CRAG	Craig	105.22	329	PFAKE	LR	07 46 30.0	
CRAG	comp=Z,4.0m,20.0s			LR	LR		
WRAK	Wrangell Islan	105.58	330	PFAKE	LR	07 46 30.0	
WRAK	comp=Z,5.0m,19.0s			LR	LR		
KMBO	Kilima Mbogo	105.79	104	PFAKE	LR	07 46 40.0	
KMBO	comp=Z,1.4m,19.0s			LR	LR		
DLBC	Dease Lake	106.14	333	PFAKE	LR	07 46 40.0	
DLBC	comp=Z,5.0m,19.0s			LR	LR		
DYA	Yadsworth	106.44	39	PFAKE	LR	07 46 40.0	
DYA	comp=Z,1.1m,19.0s			LR	LR		
DSB	Dublin	107.03	35	PFAKE	LR	07 46 40.0	
DSB	comp=Z,7.0m,20.0s			LR	LR		
ILULI	Ilulissat	107.25	8	iP	PP	07 46 46.7	+1.9
ILULI	comp=Z,8.0m,18.0s			LR	LR		
VSL	Villasalto	107.68	54	PFAKE	LR	07 46 40.0	
VSL	comp=Z,7.0m,20.0s			LR	LR		
SSB	Saint Sauveur	107.95	47	PFAKE	LR	07 46 40.0	
SSB	comp=Z,1.2m,18.0s			LR	LR		
BESE	Bessie Mountai	108.06	331	PFAKE	LR	07 46 40.0	
BESE	comp=Z,2.0m,18.0s			LR	LR		
BNI	Bardonecchia	109.08	48	PFAKE	LR	07 46 40.0	
BNI	comp=Z,1.2m,20.0s			LR	LR		
CWF	Charnwood Fore	109.14	38	PFAKE	LR	07 46 40.0	
CWF	comp=Z,9.0m,18.0s			LR	LR		
WDD	Wield Dalam	109.15	59	PFAKE	LR	07 46 40.0	
WDD	comp=Z,3.4m,20.0s			LR	LR		
CLTB	Caltablotta	109.17	57	PFAKE	LR	07 46 40.0	
CLTB	comp=Z,10.0m,19.0s			LR	LR		
TARA	Tarawa	109.48	256	PFAKE	LR	07 46 40.0	
TARA							

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like Nanjing, Wonju Array Be, and Diego Garcia H.

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like DANGING, Wether Hill Ro, and Diego Garcia H.

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like KBZ Khabaz, MLY MLY, and Diego Garcia H.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like F26A Lodgepole, K24A Anderson Ranch, I25A Rochford, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like K32A Verdigre, M31A Lambrecht Ranc, V28A Channing, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and Status. Includes stations like JCT Junction City, S32A Rocksprings, S36A Lake Cedric, etc.

ISCBJ 09 07:53:13.7±0.9,37.00N±0.04±21.17E±0.04,h4km,5km, Error ellipse: s-maj=7.3km s-min=4.0km az=39.8 CSEM 09 07:53:14.1±0.3,37.01N±21.16E,h2km, Error ellipse: s-maj=7.1km s-min=3.6km az=43.0 THE 09 07:53:14.4,37.03N±21.17E,h0km,1km,ML3.2/7, Error ellipse: s-maj=1.4km s-min=0.5km az=252.0 ATH 09 07:53:14.7,37.02N±21.23E,h20km,1km,MD3.6/26 ISC 09 07:53:14.4±1.4,37.03N±0.04±21.18E±0.03,h2km,±10km, Code Station Name Az AZ Op Phase ID Time Res SFD Strofades 25 30 ePB Sb 07 53 21.1 -0.6 SFD SFD eSb Sb 07 53 26.6 +0.1 PVL PYLOS 0.47 107 ePB Pp 07 53 23.5 +0.1 PVL PYLOS 0.47 107 ePB Pp 07 53 23.2 -0.2 PVL PYLOS 0.47 107 ePB Pp 07 53 23.5 +0.1 PVL PYLOS 0.47 107 eSb Sg 07 53 30.4 +0.8 PVL PYLOS 0.47 107 P S 07 53 23.2 -0.2 PVL PYLOS 0.47 107 P S 07 53 30.9 +1.3 ITM Ithomi 0.62 76 ePN Pp 07 53 34.8 -0.4 ITM Ithomi 0.62 76 ePN Sg 07 53 25.8 -0.4 ITM Ithomi 0.62 76 P P 07 53 34.2 0.0 ITM Ithomi 0.62 76 P P 07 53 25.6 -0.6 AMT Artemida-Makis 0.66 40 ePN Pp 07 53 27.4 +0.5 AMT Artemida-Makis 0.66 40 ePN Sg 07 53 27.1 -1.1 AMT Artemida-Makis 0.66 40 ePN Sg 07 53 26.7 +1.3 AMT Artemida-Makis 0.66 40 ePN Sg 07 53 37.1 -1.1 AMT Artemida-Makis 0.66 40 P P 07 53 27.2 +0.3 DRO Drossia 1.01 25 ePN Sg 07 53 36.7 +1.3 DRO Drossia 1.01 25 ePN Sg 07 53 33.3 -0.5 DRO Drossia 1.01 25 P P 07 53 48.3 -0.1 DRO Drossia 1.01 25 P P 07 53 33.4 -0.4 DRO Drossia 1.01 25 P P 07 53 48.3 -0.1 DRO Drossia 1.01 25 P P 07 53 33.4 -0.4 DRO Drossia 1.01 25 P P 07 53 48.3 -0.1 DRO Drossia 1.01 25 P P 07 53 33.4 -0.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Vlachokerasia, Riolos of Patr, Riolos of Patr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Hachioji jima 2, Hachioji jima 2, Hachioji jima 2, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like HOWZ Holdsworth Sta, HOWZ Holdsworth Sta, ARHZ Aroapanui, etc.

ISCJB 09 08:14:03.4.0.6, 6.89N:0.08:73.03W:0.08, h166km, mb3.5/2, Error ellipse: s-maj=15.1km s-min=6.3km az=44.2

ISC 09 08:25:46.8.1.2, 40.27S:176.67E, h0km, mb4.4/3, mb1.4/4, mb1mx3.9/8, mbtmp4.3/4, ML3.5/1, Error ellipse: s-maj=32.0km s-min=25.1km az=116.0

ISCJB 09 08:25:48.1.0.6, 40.49S:0.03:176.89E:0.05, h32km,3km, mb4.3/4, Error ellipse: s-maj=7.8km s-min=3.1km az=31.2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CAPV Capacho, CAPV Capacho, ROSC El Rosal, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PRHZ Porangahau, PRHZ Porangahau, ANWZ Angora Road, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like WEL Wellington, WEL Wellington, BHW Baring Head, etc.

ISC 09 08:14:04.0.1.1, 6.85N:0.09:72.98W:0.09, h166km, n16, s116/20, Northern Colombia

ISC 09 08:25:49.8.0.8, 40.37S:0.03:176.71E:0.04, h2km,4km, n181, s190/186, mb4.4/4, 24C-11D, North Island

ISCJB 09 08:14:47.5.0.8, 31.32N:142.60E, h0km, mb3.7/8, mb1.3/14, mb1mx3.8/8, mbtmp3.8/14, ML3.7/4, MS4.1/1, MS1.4/1, ms1mx3.5/49, Error ellipse: s-maj=24.5km s-min=17.1km az=67.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JMA 09 08:14:52.1.0.7, 31.53N:142.77E, h105km, M3.7

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

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

Table with columns: ID, Name, Az, El, AzE, Phase, ID, Time, Res. Includes stations like Smith Ranch, Tulsa, Jenks, etc.

CSEM 09 09:22:50.3-0.2, 39.35N-41.10E, h2km, MD2.8, Error ellipse: s-maj=6.1km s-min=3.9km az=34.0

Table with columns: Code, Station Name, Az, El, AzE, Phase, ID, Time, Res. Includes stations like ECAT, Varto-Mus, BINGOL, etc.

DDA 09 09:52:41.1, 37.10N-27.84E, h7km, MD2.6

Table with columns: Code, Station Name, Az, El, AzE, Phase, ID, Time, Res. Includes stations like BDRM, Bodrum, etc.

Table with columns: Code, Station Name, Az, El, AzE, Phase, ID, Time, Res. Includes stations like HEL, NAO, KOLA, CSEM, etc.

WEL 09 10:12:51.0-0.2, 43.72S-173.06E, h26km, 1km, ML3.7/18, 3C-2D, Error ellipse: s-maj=2.3km s-min=1.8km az=90.0

Table with columns: Code, Station Name, Az, El, AzE, Phase, ID, Time, Res. Includes stations like MOZ, Canterbury Las, Oxford, etc.

IDC 09 10:15:11.3-1.3, 37.64S-74.19W, h0km, mb3.8/3, mb1.4/0.6, mb1mx3.9/18, mbtrmp3.8/6, ML3.4/2, MS3.8/1, Ms1.3.8/1, ms1mx3.0/22, Error ellipse: s-maj=4.8km s-min=28.8km az=137.0

Table with columns: Code, Station Name, Az, El, AzE, Phase, ID, Time, Res. Includes stations like CFAA, Limon Verde, LVC, etc.

Table with columns: Code, Station Name, Az, El, AzE, Phase, ID, Time, Res. Includes stations like TXAR, Lajitas Array, etc.

CSEM 09 10:21:35.3, 40.55N-22.83E, h3km, ML1.1/4, Error ellipse: s-maj=6.7km s-min=0.6km az=65.0, Greece

Table with columns: Code, Station Name, Az, El, AzE, Phase, ID, Time, Res. Includes stations like THE, Thessaloniki, etc.

ISCJB 09 10:31:02.9-0.1, 59.53N-0.02-30.34W-0.02, h10km, mb5.0/279, MS4.6/59, Error ellipse: s-maj=2.6km

IDC 09 10:31:03.0-0.3, 59.40N-30.24W, h0km, mb4.6/43, mb1.4/7.47, mb1mx4.7/57, mbtmp4.7/47, ML4.3/4, MS4.6/40, Ms1.4.6/40, ms1mx4.5/47, Error ellipse: s-maj=11.0km s-min=8.3km az=166.0

CSEM 09 10:31:04.8-0.1, 59.50N-30.19W, h10km, mb5.2/99, MS4.6, Error ellipse: s-maj=2.8km s-min=1.5km az=4.0

NEIC 09 10:31:05.1-0.1, 59.41N-30.23W, h10km, mb5.2/149, Error ellipse: s-maj=4.0km s-min=1.7km az=187.0

GCMT 09 10:31:05.1-0.2, 59.49N-30.14W, h12km, MW5.3/112, Moment Tensor Solution, s49,c66; s12,c211; Duration: 1s1 Moment tensor: Scale 10^17Nm;

REY 09 10:31:06.3, 58.91N-27.18W, h10km

ISC 09 10:31:06.3-0.4, 59.54N-0.03-30.20W-0.03, h17km, 2km, h16km, P-P, P-1412, 11331/1488, mb5.2/279, MS4.7/61, 47C-32D, Reykjanides Ridge

Table with columns: Code, Station Name, Az, El, AzE, Phase, ID, Time, Res. Includes stations like IRNE, Reykjanides, etc.

IHAU	Haukadalur baz=31	6.58	43	P	Pn	10 32 38.9	-3.4	RUP	Ruppelstein	23.41	981	eP	P	10 36 14.2	0.0	PQI	Presque Isle	25.69	257	eP	P	10 36 35.0	-0.2
IHAU				S	Sn	10 33 52.9	-4.0	PVIS	Viseu	23.45	134	eP	P	10 36 14.3	-0.3	PQI	Presque Isle	25.69	257	eP	P	10 36 35.0	-0.2
BORG	Borgarnes 30nm,0.3s,baz=213,slow=5.2,SNR=88	6.68	35	Pn	Pn	10 32 43.1	-0.4	ABH	Alteburg	23.54	97	eP	P	10 36 15.3	-0.2	TANN	Tannenbergha	25.71	92	eP	P	10 36 35.4	0.0
BORG				Sn	Sn	10 34 01.4	+2.3	TNS	Tanus Mts	23.79	96	eP	P	10 36 18.1	+0.2	TANN	Tannenbergha	25.71	92	eP	P	10 36 35.4	0.0
BORG	2.5nm,0.3s,baz=251,slow=22,SNR=11	6.68	35	P	Pn	10 32 47.3	+3.8	CLZ	Clausthal	23.80	91	eP	P	10 36 18.3	+0.3	WERN	Wernitzgruen	25.74	92	eP	P	10 36 35.8	+0.1
BORG	Borgarnes 3um,0.8s,SNR=17	6.68	35	Pn	Pn	10 32 46.0	+2.5	CLZ	Clausthal	23.80	91	eP	P	10 36 18.3	+0.3	WERN	Wernitzgruen	25.74	92	eP	P	10 36 35.8	+0.1
IASB	sbjarnarst baz=23	6.68	35	P	Sn	10 32 44.1	+0.6	PCAS	Casmilo, Conde	23.81	135	eP	P	10 36 18.4	+0.3	SENIN	Lac Senin/Sane	25.75	104	eP	P	10 36 36.2	+0.1
IASB				S	Sn	10 34 00.7	+1.6	THEF	They Montfort	23.83	1021	eP	P	10 36 17.5	-0.7	SENIN	Lac Senin/Sane	25.75	104	eP	P	10 36 36.2	+0.1
IASB	sbjarnarst	6.68	35	P	Pn	10 32 44.1	+0.6	MTE	Manteigas	23.85	133	eP	P	10 36 17.7	-0.9	MANZ	Manzenberg	25.79	93	eP	P	10 36 36.1	0.0
IASB				S	Sn	10 34 00.7	+1.6	MTE	Manteigas	23.85	133	eP	P	10 36 18.2	-0.4	MANZ	Manzenberg	25.79	93	eP	P	10 36 36.1	0.0
IGYV	Gyjarholaskot baz=29	6.70	40	P	Sn	10 32 40.7	-3.1	MTE	Manteigas	23.85	133	eP	P	10 36 18.2	-0.4	NKC	Novy Kostel	25.81	92	eP	P	10 36 35.6	-0.7
IGYV				S	Sn	10 33 58.2	-1.4	MTE	Manteigas	23.85	133	eP	P	10 36 18.2	-0.4	NKC	Novy Kostel	25.81	92	eP	P	10 36 35.6	-0.7
IGYV	Gyjarholaskot	6.70	40	P	Pn	10 32 40.7	-3.1	SPITS	Spitsbergen Ar	23.91	22	P	P	10 36 20.8	+2.1	NKC	Novy Kostel	25.81	92	eP	P	10 36 35.6	-0.7
IGYV				S	Sn	10 33 58.2	-1.4	AGO	Saint Agoulin	23.94	1097	eP	P	10 36 19.5	+0.1	NKC	Novy Kostel	25.81	92	eP	P	10 36 35.6	-0.7
ANGG	Ammassalik, Gr SNR=46	7.00	334	iP	Pn	10 32 47.0	-0.9	OSSF	Osses	24.02	120	eP	P	10 36 19.9	-0.3	NKC	Novy Kostel	25.81	92	eP	P	10 36 40.8	-2.2
NRS	Narsarsuaq 72nm,1.0s	7.72	289	iP	Pn	10 33 00.7	+2.9	PYM	Pitt Puy Mans	24.10	1101	eP	P	10 36 21.5	+0.4	NKC	Novy Kostel	25.81	92	eP	P	10 36 40.8	-2.2
NRS				eP	Pn	10 33 00.7	+2.9	FRNF	Fournols	24.16	111	eP	P	10 36 21.5	+0.4	NKC	Novy Kostel	25.81	92	eP	P	10 36 40.8	-2.2
NRS	Narsarsuaq	7.72	289	eP	Pn	10 33 00.7	+2.9	KTD	Kalmit	24.17	98	eP	P	10 36 22.2	+0.8	NKC	Novy Kostel	25.81	92	eP	P	10 36 35.6	-0.7
NRS				eP	Pn	10 33 00.7	+2.9	UBBA	Unterbreizbach	24.21	93	eP	P	10 36 21.6	-0.1	NKC	Novy Kostel	25.81	92	eP	P	10 36 35.6	-0.7
NUUK	Nuuk SNR=46	11.15	304	iP	P	10 33 44.8	+0.1	UBBA	Unterbreizbach	24.21	93	eP	P	10 36 21.6	-0.1	NKC	Novy Kostel	25.81	92	eP	P	10 36 35.6	-0.7
SFJD	Kangerlussuaq comp=Z,1.0nm,0.3s,baz=114,slow=11,SNR=18	11.79	318	iP	Pn	10 33 53.5	0.0	ORDF	Ordlarp	24.21	119	eP	P	10 36 21.6	-0.3	PAB	San Pablo	25.82	129	eP	P	10 36 36.4	-0.1
SFJD				Pn	Sn	10 33 53.8	+0.3	PTOM	Ortlom	24.23	136	eP	P	10 36 21.9	-0.1	PAB	San Pablo	25.82	129	eP	P	10 36 36.4	-0.1
SFJD	comp=Z,1.3nm,0.3s,baz=42,slow=16,SNR=3.7	11.79	318	iP	Sn	10 35 55.5	-9.1	PLDF	La Plantade	24.24	1091	eP	P	10 36 22.4	+0.2	PBEJ	Beja	25.84	136	eP	P	10 36 36.4	-0.2
SFJD				Sn	Sn	10 37 37.8		LANF	Langenberg	24.24	991	eP	P	10 36 22.7	+0.6	ESDC	Sonsea Array	25.86	129	P	P	10 36 36.6	-0.3
SFJD	comp=Z,1.2um,21.6s,baz=122,slow=33	11.79	318	eP	Pn	10 33 53.6	0.0	TOD	Tromm	24.35	971	eP	P	10 36 23.7	+0.6	ESDC	Sonsea Array	25.86	129	P	P	10 36 36.6	-0.3
SFJD	Kangerlussuaq	11.79	318	eP	Pn	10 33 53.6	0.0	PCBR	Castelo Branco	24.37	104	eP	P	10 36 22.9	-0.4	ESDC	Sonsea Array	25.86	129	P	P	10 36 36.6	-0.3
SFJD				Pn	Pn	10 33 53.5	0.0	ECH	Echery	24.42	101	eP	P	10 36 23.5	-0.2	ESDC	Sonsea Array	25.86	129	P	P	10 36 36.6	-0.3
SFJD				Pn	Pn	10 33 53.8	+0.3	ECH	Echery	24.42	101	eP	P	10 36 23.5	-0.2	FBE	Freiberg	25.86	90	eP	P	10 36 36.8	+0.1
SFJD				Sn	Sn	10 35 55.5	-9.1	ECH	Echery	24.42	101	eP	P	10 36 23.5	-0.2	FBE	Freiberg	25.86	90	eP	P	10 36 36.8	+0.1
SFJD				Sn	Sn	10 34 10.7	-1.6	PMAFR	Mafrá	24.51	138	eP	P	10 36 25.1	+0.5	MESJ	Messejana	25.88	137	eP	P	10 36 36.4	-0.6
ILULI	Ilulissat comp=Z,1.37nm,0.9s	13.17	326	iP	Pn	10 34 10.7	-1.6	COLF	Collangettes	24.60	110	eP	P	10 36 24.9	-0.5	MESJ	Messejana	25.88	137	eP	P	10 36 36.4	-0.6
ILULI				Pn	Pn	10 34 16.1	-1.0	MOF	Molkenrain	24.65	1021	eP	P	10 36 25.2	-0.7	MESJ	Messejana	25.88	137	eP	P	10 36 36.4	-0.6
SUMG	Summit	13.49	349	iP	Pn	10 34 16.2	+0.9	LIBD	Limburg	24.68	101	eP	P	10 36 27.0	+0.9	MESJ	Messejana	25.88	137	eP	P	10 36 36.4	-0.6
SUMG				eP	Pn	10 34 16.2	+0.9	PMST	Lisbon-Monsan	24.74	138	eP	P	10 36 24.3	-2.4	PTEO	Sto Teotonio	25.97	138	eP	P	10 36 38.6	+0.8
SUMG	Summit	13.49	349	eP	Pn	10 34 16.2	+0.9	PMRV	Marv??	24.76	134	eP	P	10 36 26.5	-0.4	ROTZ	Rotzenmuhle	25.98	93	eP	P	10 36 37.9	+0.1
SUMG				eP	Pn	10 34 16.2	+0.9	LIS	Lisbon	24.77	138	eP	P	10 36 26.6	-0.4	ROTZ	Rotzenmuhle	25.98	93	eP	P	10 36 37.9	+0.1
VAL	Valentia	13.53	115	eP	Pn	10 34 16.7	-0.6	LIS	Lisbon	24.77	138	eP	P	10 36 31.4		ROTZ	Rotzenmuhle	25.98	93	eP	P	10 36 37.9	+0.1
VAL	Valentia	13.53	115	eP	Pn	10 34 16.7	-0.6	LIS	Lisbon	24.77	138	eP	P	10 36 24.8	-2.1	ROTZ	Rotzenmuhle	25.98	93	eP	P	10 36 37.9	+0.1
JMIC	Jan Mayen comp=Z,0.55nm,18.8s,baz=237,slow=29	14.51	29	LR	LR	10 30 02.6		LIS	Lisbon	24.77	138	eP	P	10 36 26.5	-0.4	ROTZ	Rotzenmuhle	25.98	93	eP	P	10 36 37.9	+0.1
DSB	Dublin	14.57	105	ePn	Pn	10 34 32.5	+1.0	LIS	Lisbon	24.77	138	eP	P	10 36 26.5	-0.4	ROTZ	Rotzenmuhle	25.98	93	eP	P	10 36 37.9	+0.1
DSB	Dublin	14.57	105	ePn	Pn	10 34 32.5	+1.0	LIS	Lisbon	24.77	138	eP	P	10 36 26.5	-0.4	ROTZ	Rotzenmuhle	25.98	93	eP	P	10 36 37.9	+0.1
ESK	Eskdalemuir	15.09	94	iP	Pn	10 34 38.2	-0.3	LOMF	Lomont	24.84	1031	eP	P	10 36 27.0	-0.6	ROTZ	Rotzenmuhle	25.98	93	eP	P	10 36 37.9	+0.1
ESK	Eskdalemuir	15.09	94	iP	Pn	10 34 38.2	-0.3	NEUB	Neuenburg	24.89	91	eP	P	10 36 27.7	-0.2	ROTZ	Rotzenmuhle	25.98	93	eP	P	10 36 37.9	+0.1
ESK	Eskdalemuir	15.09	94	ePn	Pn	10 34 37.8	-0.8	NEUB	Neuenburg	24.89	91	eP	P	10 36 27.7	-0.2	ROTZ	Rotzenmuhle	25.98	93	eP	P	10 36 37.9	+0.1
ESK	Eskdalemuir	15.09	94	ePn	Pn	10 34 37.8	-0.8	NEUB	Neuenburg	24.89	91	eP	P	10 36 27.7	-0.2	ROTZ	Rotzenmuhle	25.98	93	eP	P	10 36 37.9	+0.1
ESK	Eskdalemuir	15.09	94	ePn	Pn	10 34 37.6	-0.8	VIEF	Viey	24.90	119	eP	P	10 36 28.9	+0.7	ROTZ	Rotzenmuhle	25.98	93	eP	P	10 36 37.9	+0.1
EKA	Eskdalemuir Ar baz=298,slow=9.0,SNR=19	15.10	94	Pn	Pn	10 34 37.4	-1.2	BFO	Black Forest	24.93	100	iP	P	10 36 28.3	-0.1	ROTZ	Rotzenmuhle	25.98	93	eP	P	10 36 37.9	+0.1
EKA				LR	LR	10 39 27.9		BFO	Black Forest	24.93	100	iP	P	10 36 28.3	-0.1	ROTZ	Rotzenmuhle	25.98	93	eP	P	10 36 37.9	+0.1
CWF	Charwood Fore comp=Z,0.94nm,1.1s	17.38	100	ePn	Pn	10 35 07.8	+0.1	BFO	Black Forest	24.93	100	eP	P	10 36 28.3	-0.1	ROTZ	Rotzenmuhle	25.98	93	eP	P	10 36 37.9	+0.1
CWF	Charwood Fore	17.38	100	ePn	Pn	10 35 07.8	+0.1	BFO	Black Forest	24.93	100	eP	P	10 36 28.1	-0.3	ROTZ	Rotzenmuhle	25.98	93	eP	P	10 36 37.9	+0.1
DAG	Danmarks Havn comp=Z,1.23nm,1.6s	17.77	9	iP	P	10 35 14.9	+1.7	BFO	Black Forest	24.93	100	eP	P	10 36 28.1	-0.3	ROTZ	Rotzenmuhle	25.98	93	eP	P	10 36 37.9	+0.1
DAG	Danmarks Havn	17.77	9	iP	P	10 35 14.9	+1.7	ARCES	ARCESS Array B	24.98	43	P	P	10 36 30.2	+1.5	ROTZ	Rotzenmuhle	25.98	93	eP	P	10 36 37.9	+0.1
DAG				eP	Pn	10 35 14.9	+1.7	ARCES	ARCESS Array B	24.98	43	P	P	10 36 30.2	+1.5	ROTZ	Rotzenmuhle	25.98	93	eP	P	10 36 37.9	+0.1
KULLO	Kullorsuaq comp=Z,1.48nm,1.3s	18.10	337	iP	P	10 35 17.7	+0.9	FELD	Feldberg im Sc	25.07	1011	eP	P	10 36 29.4	-0.4	ROTZ	Rotzenmuhle	25.98	93	eP	P	10 36 37.9	+0.1
KULLO	Kullorsuaq	18.10	337	iP	P	10 35 17.7	+0.9	STU	Stuttgart	25.08	98	eP	P	10 36 30.1	+0.4	ROTZ	Rotzenmuhle	25.98	93	eP	P	10 36 37.9	+0.1
FRB	Frobisher Bay comp=Z,0.7nm,0.3s,baz=92,slow=12,SNR=13	18.48	300	iP	Pn	10 35 22.0	+0.7	STU	Stuttgart	25.08	98	eP	P	10 36 29.9	+0.2	ROTZ	Rotzenmuhle	25.98	93	eP	P	10 36 37.9	+0.1
FRB				LR	LR	10 41 34.8		STU	Stuttgart	25.08	98	eP	P	10 36 29.9	+0.2	ROTZ	Rotzenmuhle	25.98	93	eP	P	10 36 37.9	+0.1
KONO	Kongsberg comp=Z,0.8um,18.7s,baz=34	19.94	72	eP	Pn	10 35 41.7	+2.9	STU	Stuttgart	25.08	98	eP	P	10 36 30.1	+0.4	ROTZ	Rotzenmuhle	25.98	93	eP	P	10 36 37.9	+0.1
KONO				eP	Pn	10 35 41.7	+2.9	RESF	Ens	25.10	118	eP	P	10 36 30.6	+0.5	ROTZ	Rotzenmuhle	25.98	93	eP	P	10 36 37.9	+0.1
KONO	Kongsberg	19.94																					

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like FINES, KHC, KASPERSKY HORY, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like NIE, NIEDZICA, STHS, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like ULM, LAC DU BONNET, MUSOMISTE, etc.

SFIN	Scholer Farm	39.84 267	eP	P	10 38 38.3	-0.2
SFIN	Scholer Farm	39.84 267	eP	P	10 38 38.3	-0.2
A29A	Manning Farm	39.91 286	P	P	10 38 37.3	-1.7
C31A	Landman Farms	39.94 284	P	P	10 38 38.7	-0.6
E33A	Westby DABS, E	39.96 281	P	P	10 38 39.1	-0.5
D32A	Dogwood Acres	40.03 283	P	P	10 38 38.5	-1.5
DID	Didima	40.27 99	P	P	10 38 39.9	-2.3
DID	Didima	40.27 99	P	P	10 38 39.9	-2.3
DID	Didima	40.27 99	P	P	10 38 39.9	-2.3
B29A	Wagenman Farm	40.28 286	P	P	10 38 40.7	-1.5
SIM	Simferopol'	40.30 82	P	P	10 38 51.0	+8.7
SIM			eS	S	10 40 20.0	
SIM			eSS	ScS	10 44 59.0	+10
SIM			pmx	pmx	10 48 22.0	-25
SIM	comp-Z,200nm,10.0s		MLR	MLR		
C30A	Mose, Pekin	40.37 284	P	P	10 38 41.2	-1.7
A28A	Rude Farm, Bot	40.43 287	P	P	10 38 41.6	-1.8
E32A	Braaten, Kindr	40.43 282	P	P	10 38 42.0	-1.4
D31A	Micloclaffin, Tow	40.44 283	P	P	10 38 42.1	-1.4
F33A	5 Mile Ranch,	40.57 281	P	P	10 38 44.0	-0.6
B28A	Dugan Ranch, T	40.78 287	P	P	10 38 44.3	-2.0
MDND	Maddock	40.82 285	P	P	10 38 44.6	-2.0
MDND	Maddock	40.82 285	eP	P	10 38 47.2	+0.6
MDND	Maddock	40.82 285	eP	P	10 38 47.2	+0.6
HDIL	Hopedale	40.82 269	eP	P	10 38 46.5	-0.2
HDIL	Hopedale	40.82 269	eP	P	10 38 46.5	-0.2
HDIL	Hopedale	40.82 269	eP	P	10 38 46.5	-0.2
E31A	Nome	40.86 283	P	P	10 38 46.0	-1.0
A27A	Ledoux Ranch,	40.87 288	P	P	10 38 45.2	-1.8
D30A	Buchanan	40.91 284	P	P	10 38 46.5	-0.9
INK	Inuvik	40.96 327	eP	P	10 38 47.7	+0.2
INK	Inuvik	40.96 327	eP	P	10 38 47.7	+0.2
INK	Inuvik	40.96 327	eP	P	10 38 47.7	+0.2
TZTN	Tazewell	40.97 260	eP	P	10 38 47.6	-0.3
TZTN	Tazewell	40.97 260	eP	P	10 38 47.6	-0.3
TZTN	Tazewell	40.97 260	eP	P	10 38 47.6	-0.3
SOKR	Solkamsk	41.02 51	eP	P	10 38 48.1	0.0
WC1	Wyandotte Cave	41.05 264	eP	P	10 38 48.5	-0.1
WC1	Wyandotte Cave	41.05 264	eP	P	10 38 48.5	-0.1
WC1	Wyandotte Cave	41.05 264	eP	P	10 38 48.5	-0.1
H34A	Spellman Lake,	41.13 279	P	P	10 38 48.9	-0.3
B27A	Peters Farms,	41.25 287	P	P	10 38 49.1	-1.1
A26A	Wade Farm, Ken	41.30 288	P	P	10 38 49.5	-1.0
C28A	Hausauer Farms	41.30 286	P	P	10 38 49.9	-0.7
I35A	Creekview Farm	41.31 278	P	P	10 38 49.8	-0.9
D29A	Pettibone, Tap	41.36 284	P	P	10 38 49.9	-1.2
E30A	Jud	41.41 283	P	P	10 38 50.3	-1.2
H33A	Prehn Over Nor	41.61 280	P	P	10 38 51.8	-1.3
I34A	Hadley	41.62 278	P	P	10 38 52.3	-0.9
E29A	Napoleon	41.73 284	P	P	10 38 52.9	-1.2
B26A	Jensen Ranch,	41.75 288	P	P	10 38 52.6	-1.7
D28A	Regan	41.75 285	P	P	10 38 52.9	-1.4
J35A	Milford	41.78 277	P	P	10 38 53.2	-1.3
A25A	Svangstu Ranch	41.79 289	P	P	10 38 53.0	-1.5
SCIA	State Center	41.83 274	eP	P	10 38 55.0	+0.1
SCIA	State Center	41.83 274	eP	P	10 38 55.0	+0.1
C27A	Saylor Ranch,	41.85 287	P	P	10 38 53.7	-1.4
F30A	Leola	41.93 283	P	P	10 38 54.8	-1.0
USIN	University of	41.95 265	eP	P	10 38 55.2	-0.7
USIN	University of	41.95 265	eP	P	10 38 55.2	-0.7
C26A	Wahner Farm, P	42.06 287	P	P	10 38 55.7	-1.1
ANN	Anapa	42.08 79	eP	P	10 38 54.9	-2.0
ANN	Anapa	42.08 79	eP	P	10 38 54.9	-2.0
ANN	Anapa	42.08 79	eP	P	10 38 54.9	-2.0
H32A	Carlson Farm,	42.08 280	P	P	10 38 56.6	-0.4
I33A	Coleman	42.09 279	P	P	10 38 56.2	-0.8
J34A	George	42.21 278	P	P	10 38 57.3	-0.8
ECSD	EROS Data Cent	42.22 279	P	P	10 38 57.1	-1.1
ECSD	EROS Data Cent	42.22 279	eP	P	10 38 58.5	+0.4
ECSD	EROS Data Cent	42.22 279	eP	P	10 38 58.5	+0.4
E28A	Huff	42.24 285	P	P	10 38 57.2	-1.1
K35A	Storm Lake	42.26 277	P	P	10 38 57.7	-0.8
B25A	Knox Farm, Ray	42.27 288	P	P	10 38 57.8	-0.7
D27A	Center	42.28 286	P	P	10 38 56.8	-1.8
CPCT	Cooper Cave	42.31 260	eP	P	10 38 58.8	-0.1
CPCT	Cooper Cave	42.31 260	eP	P	10 38 58.9	-0.1
F29A	Eureka	42.33 283	P	P	10 38 58.1	-0.9
I32A	Karley and Nic	42.44 280	P	P	10 38 59.1	-0.8
G30A	Faulkton	42.49 282	P	P	10 38 59.7	-0.6
H31A	Wolsey	42.62 281	P	P	10 39 00.7	-0.7
DGMT	Dagmar	42.63 289	P	P	10 39 00.3	-1.1
DGMT	Dagmar	42.63 289	eP	P	10 39 02.2	+0.8
DGMT	Dagmar	42.63 289	eP	P	10 39 02.2	+0.8
J33A	Davis	42.70 279	P	P	10 39 01.2	-0.8
C25A	Freud Ranch, W	42.70 288	P	P	10 39 00.9	-1.1
K34A	Le Mars	42.72 277	P	P	10 39 01.4	-0.8
E27A	Carson	42.77 285	P	P	10 39 01.5	-1.1

D26A	Manning	42.78 286	P	P	10 39 01.4	-1.3
F28A	McLaughlin	42.80 284	P	P	10 39 02.1	-0.8
IDI	Anodine	42.83 99	LR	LR	10 58 37.8	
G29A	Hoven	42.84 283	P	P	10 39 02.4	-0.8
L35A	Bielow Farm, R	42.86 276	P	P	10 39 02.8	-0.5
SUSD	South Dakota S	42.89 281	P	P	10 39 02.5	-1.0
SIUC	Southern Illin	42.93 267	eP	P	10 39 03.5	-0.4
SIUC	Southern Illin	42.93 267	eP	P	10 39 03.5	-0.4
J32A	Parkston	43.10 279	P	P	10 39 04.0	-1.3
D25A	Fairfield	43.12 287	P	P	10 39 03.8	-1.7
E26A	Carlson Angus	43.18 286	P	P	10 39 05.8	-0.1
SWET	Sewanee	43.20 261	eP	P	10 39 05.9	-0.3
SWET	Sewanee	43.20 261	eP	P	10 39 05.9	-0.3
K33A	Hardington	43.23 278	P	P	10 39 05.2	-1.2
H29A	Onida	43.28 282	P	P	10 39 06.5	-1.0
L34A	Svensden Farm,	43.38 277	P	P	10 39 05.4	-2.2
F27A	Lenmon	43.39 285	P	P	10 39 06.2	-1.4
M35A	Neola	43.41 276	P	P	10 39 06.2	-1.6
G28A	Parade	43.41 283	P	P	10 39 07.0	-0.8
WVT	Waverly	43.45 264	eP	pmx	10 39 07.7	-1.4
WVT	Waverly	43.45 264	eP	pmx	10 39 06.7	-1.4
WVT	Waverly	43.45 264	eP	pmx	10 39 06.7	-1.4
I30A	Osama	43.50 281	P	P	10 39 06.6	-2.0
EDM	Edmonton	43.61 300	eP	pmx	10 39 09.8	+0.5
EDM	Edmonton	43.61 300	eP	pmx	10 39 09.8	+0.5
EDM	Edmonton	43.61 300	eP	pmx	10 39 09.8	+0.5
J31A	Geeva	43.61 280	P	P	10 39 08.3	-1.1
E25A	Miller Ranch,	43.62 287	P	P	10 39 07.6	-1.9
K32A	Vendigre	43.68 279	P	P	10 39 06.8	-3.2
L33A	Hoskins	43.69 278	P	P	10 39 08.3	-1.8
G27A	Dupree	43.70 284	P	P	10 39 08.2	-2.0
F26A	Lodgepole	43.72 285	P	P	10 39 10.1	-0.2
H28A	Mission Ridge	43.75 283	P	P	10 39 08.9	-1.6
ARU	Arti	43.82 53	P	P	10 39 11.5	+0.6
ARU	Arti	43.82 53	P	LR	10 56 23.0	
ARU	Arti	43.82 53	P	LR	10 39 11.4	+0.6
ARU	Arti	43.82 53	P	LR	10 40 52.2	
ARU	Arti	43.82 53	P	LR	10 45 45.1	+4.6
ARU	Arti	43.82 53	P	LR	10 48 51.1	-4.9
ARU	Arti	43.82 53	P	LR	10 39 11.4	+0.6
ARU	Arti	43.82 53	P	LR	10 39 11.6	+0.6
N35A	Tabar	43.83 275	P	P	10 39 09.6	-1.6
M34A	Aspy Farms, Fr	43.83 276	P	P	10 39 09.5	-1.7
I29A	Vivian Onida	43.86 282	P	P	10 39 10.7	-0.8
BRTR	Keskin Array B	43.87 87	P	P	10 39 12.1	+0.4
BRTR	Keskin Array B	43.87 87	P	P	10 40 58.8	+1.2
BRTR	Keskin Array B	43.87 87	P	P	11 00 51.6	
BRTR	Keskin Array B	43.87 87	P	P	10 39 12.3	+0.7
BRTR	Keskin Array B	43.87 87	P	P	10 39 12.3	+0.7
O36A	Bolkow	44.03 274	P	P	10 39 11.1	-1.7
F25A	Bowman	44.06 286	P	P	10 39 13.0	0.0
G26A	Maurine	44.09 285	P	P	10 39 11.8	-1.5
M33A	Taylor Creek F	44.09 277	P	P	10 39 12.1	-1.2
K31A	O'Neill	44.10 279	P	P	10 39 12.5	-0.8
L32A	Elg	44.18 278	P	P	10 39 13.1	-0.9
H27A	Howes	44.30 284	P	P	10 39 14.2	-0.8
I28A	Midland	44.31 282	P	P	10 39 13.6	-1.4
J29A	Okreek	44.32 281	P	P	10 39 14.0	-1.1
O35A	Humboldt	44.41 275	P	P	10 39 14.0	-1.8
L31A	Butterfield Fa	44.47 279	P	P	10 39 15.6	-0.7
K30A	Basset	44.50 280	P	P	10 39 15.6	-1.0
TAM	Tamanrasset	44.51 130	eP	pmx	10 39 17.1	+0.2
TAM	Tamanrasset	44.51 130	eP	pmx	10 39 17.1	+0.2
TAM	Tamanrasset	44.51 130	eP	pmx	10 39 17.1	+0.2
P36A	Good Intent, A	44.53 273	P	P	10 39 15.4	-1.4
G25A	Hewell	44.56 285	P	P	10 39 16.1	-1.0
H26A	Fairpoint	44.66 284	P	P	10 39 17.1	-0.7
GNAR	Gosnell	44.69 266	eP	P	10 39 17.3	-0.7
GNAR	Gosnell	44.69 266	eP	P	10 39 17.3	-0.7
GNAR	Gosnell	44.69 266	eP	P	10 39 17.3	-0.7
BGNE	Belgrade	44.69 278	P	P	10 39 17.2	-0.9
BGNE	Belgrade	44.69 278	P	P	10 39 17.7	-0.4
BGNE	Belgrade	44.69 278	eP	P	10 39 17.7	-0.4
BGNE	Belgrade	44.69 278	eP	P	10 39 17.7	-0.4
I27A	Quinn	44.70 283	P	P	10 39 17.3	-0.8
Q37A	Longview Farm,	44.71 272	P	P	10 39 16.3	-1.9
J28A	Allard Ranch,	44.76 282	P	P	10 39 18.2	-0.4
K29A	Lazy Trails An	44.79 281	P	P	10 39 18.5	-0.4
N33A	St. Bar K, Exete	44.84 276	P	P	10 39 17.9	-1.3
LAO	LASA Array	44.86 289	eP	P	10 39 19.0	-0.4
LAO	LASA Array	44.86 289	eP	P	10 39 20.5	+1.1
LAO	LASA Array	44.86 289	eP	P	10 39 20.4	+1.1
O34A	Beatrice	44.87 275	P	P	10 39 17.8	-1.7
P35A	Duane Minner,	45.02 274	P	P	10 39 19.0	-1.7
TIGA	Tifton	45.06 256	P	P	10 39 20.0	-1.1

H25A	Fruitale	45.06 285	P	P	10 39 19.1	-2.0
L30A	Spencer Herefo	45.08 279	P	P	10 39 20.0	-1.2
I26A	New Underwood	45.13 284	P	P	10 39 20.7	-0.9
M31A	Lambrecht Ranc	45.16 278	P	P	10 39 20.3	-1.5
Q36A	Arnold C. Orve	45.16 273	P	P	10 39 20.5	-1.4
N32A	Stulken Farm,	45.24 277	P	P	10 39 21.3	-1.2
J27A	Elkhorn Farm,	45.27 282	P	P	10 39 21.3	-1.5
KIV	Kislovodsk	45.30 76	eP	P	10 39 22.9	-0.1
KIV	Kislovodsk	45.30 76	eP	P	10 41 09.4	
KIV	Kislovodsk	45.30 76</				

W30A	Crocket Farms	50.67 274	P	P	10 40 03.2 -1.4
O20A	White River Ci	50.70 284	P	P	10 40 04.2 -0.7
O20A	White River Ci	50.70 284	eP	P	10 40 04.8 -0.1
O20A	White River Ci	50.70 284	eP	P	10 40 04.8 -0.1
Z34A	Collier Ranch,	50.74 270	P	P	10 40 03.7 -1.4
136A	Ennis	50.75 269	P	P	10 40 03.4 -1.7
237A	Washetta, Mont	50.76 268	P	P	10 40 03.5 -1.7
X31A	McDonald Ranch	50.80 273	P	P	10 40 04.2 -1.3
440A	Kirbyville	50.82 265	P	P	10 40 04.8 -0.9
U27A	Thompson Grove	50.85 277	P	P	10 40 05.0 -1.0
BRVK	Borovoye	50.95 50	iP	Pmax	10 40 06.9 +0.6
BRVK	Borovoye	50.95 50	P	P	10 40 07.4 +1.1
BRVK	Borovoye	50.95 50	iP	P	10 40 06.9 +0.6
BRVK	Borovoye	50.95 50	eP	P	10 40 06.3 -0.1
A04D	Lummi Island	50.95 302	P	P	10 40 04.6 -1.8
RC01	Rabbit Creek A	50.95 327	eP	P	10 40 07.8 +1.5
RC01	Rabbit Creek A	50.95 327	eP	P	10 40 07.8 +1.5
BVA0	Borovoye Array	51.01 50	iP	Pmax	10 40 07.7 +0.8
BVA0	Borovoye Array	51.01 50	iP	P	10 40 07.7 +0.8
BVA0	Borovoye Array	51.01 50	P	P	10 40 07.6 +0.8
BVAR	Borovoye Array	51.02 267	P	P	11 00 29.9
338A	Crocket	51.02 267	P	P	10 40 06.1 -1.1
Y32A	R-V Farms, Ver	51.02 272	P	P	10 40 06.3 -0.9
B05A	Bryant	51.03 301	P	P	10 40 04.6 -2.4
V28A	Channing	51.06 276	P	P	10 40 06.4 -1.2
HL1D	Hailey	51.08 292	P	P	10 40 06.9 -0.8
HL1D	Hailey	51.08 292	eP	P	10 40 08.6 +0.9
HL1D	Hailey	51.08 292	eP	P	10 40 08.6 +0.9
T25A	Trinidad	51.09 279	P	P	10 40 07.3 -0.6
236A	Katherine and	51.13 268	P	P	10 40 06.8 -1.1
135A	Vickery Place,	51.13 269	P	P	10 40 06.7 -1.3
SDCO	Great Sand Dun	51.17 280	P	P	10 40 07.9 -0.7
SDCO	Great Sand Dun	51.17 280	eP	P	10 40 08.6 0.0
SDCO	Great Sand Dun	51.17 280	eP	P	10 40 08.7 0.0
439A	Center Grove,	51.20 266	P	P	10 40 07.7 -0.8
HWUT	Hardware Ranch	51.20 288	eP	P	10 40 08.6 0.0
HWUT	Hardware Ranch	51.20 288	eP	P	10 40 08.6 0.0
Z33A	Whitaker Ranch	51.24 271	P	P	10 40 07.5 -1.4
W29A	Amraillo	51.25 275	P	P	10 40 08.3 -0.8
540A	Vidor	51.27 265	P	P	10 40 08.3 -0.7
337A	Centerville	51.34 267	P	P	10 40 08.4 -1.3
237A	Dan Oppiter Fa	51.37 276	P	P	10 40 08.8 -1.1
X30A	Coker Ranch, T	51.40 274	P	P	10 40 09.5 -0.5
W28A	Vega	51.44 276	P	P	10 40 09.0 -1.5
134A	White-Moore Ra	51.46 270	P	P	10 40 08.7 -1.8
AMTX	Amarillo	51.47 275	P	P	10 40 10.0 -0.6
AMTX	Amarillo	51.47 275	eP	P	10 40 10.3 -0.3
AMTX	Amarillo	51.47 275	eP	P	10 40 10.3 -0.3
Y31A	Rekieta Farm,	51.47 273	P	P	10 40 10.2 -0.4
Z32A	Haskell	51.59 272	P	P	10 40 10.5 -1.0
438A	Sam Houston St	51.59 266	P	P	10 40 10.1 -1.4
WHTX	Lake Whitney	51.60 269	P	P	10 40 10.0 -1.6
WHTX	Lake Whitney	51.60 269	eP	P	10 40 09.9 -1.6
WHTX	Lake Whitney	51.60 269	eP	P	10 40 09.9 -1.6
HVU	Hansel Valley	51.65 289	eP	Pmax	10 40 11.9 -0.1
HVU	Hansel Valley	51.65 289	eP	P	10 40 11.9 -0.1
HVU	Hansel Valley	51.65 289	eP	P	10 40 11.9 -0.1
539A	Cross D Ranch,	51.73 265	P	P	10 40 10.6 -1.9
336A	Riesel	51.78 268	P	P	10 40 11.4 -1.4
X29A	Tulia	51.82 274	P	P	10 40 12.4 -0.9
S22A	4UR Ranch, Cre	51.83 281	P	P	10 40 13.0 -0.6
133A	Hamilton Ranch	51.86 271	P	P	10 40 11.4 -2.1
Y30A	Stafford Cattl	51.86 273	P	P	10 40 13.0 -0.5
437A	Phantom Ranch,	51.87 267	P	P	10 40 12.1 -1.4
Z31A	Sharp Cattle R	51.92 272	P	P	10 40 12.6 -1.3
234A	Clarette	51.94 270	P	P	10 40 12.3 -1.8
TORD	Torodi Ar. Bea	51.99 139	P	P	10 40 12.6 -1.9
TORD	Torodi Ar. Bea	51.99 139	P	P	11 00 34.8
CTU	Camp Tracy	51.99 287	P	P	10 40 16.2 +1.6
CTU	Camp Tracy	51.99 287	P	P	10 40 16.2 +1.6
TOB4	Torodi Ar. Sit	51.99 139	eP	P	10 40 11.7 -2.8
X28A	Dimmitt	52.02 275	P	P	10 40 13.4 -1.3
538A	Harpers Horsep	52.02 266	P	P	10 40 13.5 -1.2
LON	Longmire	52.05 299	eP	Pmax	10 40 15.1 +0.3
LON	Longmire	52.05 299	eP	P	10 40 15.1 +0.3
LON	Longmire	52.05 299	eP	P	10 40 15.1 +0.3
335A	Moody	52.16 268	P	P	10 40 14.1 -1.6
ABTX	Abilene, Hawle	52.22 271	P	P	10 40 14.3 -1.8
ABTX	Abilene, Hawle	52.22 271	eP	P	10 40 14.9 -1.2
ABTX	Abilene, Hawle	52.22 271	eP	P	10 40 14.9 -1.2
436A	Wall Ranch, Ga	52.25 267	P	P	10 40 15.5 -0.8
Y29A	Porterfield Fa	52.27 274	P	P	10 40 15.2 -1.4

233A	Rising Star	52.32 270	P	P	10 40 15.3 -1.7
PV01	Paradox Valley	52.40 283	eP	P	10 40 17.4 -0.3
PV01	Paradox Valley	52.40 283	eP	P	10 40 17.4 -0.3
HKT	Hockley	52.42 266	eP	Pmax	10 40 16.9 -0.6
HKT	Hockley	52.42 266	eP	P	10 40 16.9 -0.6
HKT	Hockley	52.42 266	eP	P	10 40 16.9 -0.6
Z30A	San Rafael	52.45 273	P	P	10 40 16.5 -1.3
Y28A	McKinney Farm,	52.52 275	P	P	10 40 17.1 -1.4
334A	Lometa	52.53 269	P	P	10 40 16.7 -1.7
131A	Roby	52.56 272	P	P	10 40 17.3 -1.4
537A	Green Hill Far	52.56 267	P	P	10 40 17.7 -0.9
SRU	San Rafael	52.61 285	eP	Pmax	10 40 19.8 +0.6
SRU	San Rafael	52.61 285	eP	P	10 40 19.8 +0.6
SRU	San Rafael	52.61 285	eP	P	10 40 19.8 +0.6
ERK	Elk Rock	52.63 299	P	P	10 40 19.3 +0.1
ERK	Elk Rock	52.63 299	P	P	10 40 19.3 +0.1
435B	Hockley	52.64 268	P	P	10 40 17.7 -1.6
CDWF	Cedar Flats	52.64 299	P	P	10 40 21.8 +2.6
CDWF	Cedar Flats	52.64 299	P	P	10 40 21.8 +2.6
MSTX	Muleshoe	52.74 275	eP	P	10 40 18.4 -1.7
MSTX	Muleshoe	52.74 275	eP	P	10 40 19.2 -0.9
MSTX	Muleshoe	52.74 275	eP	P	10 40 19.2 -0.9
Z29A	Hungry Hill Ra	52.76 274	P	P	10 40 18.7 -1.5
TMUT	Trail Mountain	52.80 286	eP	P	10 40 20.5 -0.3
TMUT	Trail Mountain	52.80 286	eP	P	10 40 20.5 -0.3
Z32A	Coleman	52.80 271	P	P	10 40 18.9 -1.7
DUG	Dugway	52.89 288	eP	Pmax	10 40 20.7 -0.5
DUG	Dugway	52.89 288	eP	P	10 40 18.8 -2.3
DUG	Dugway	52.89 288	eP	P	10 40 20.7 -0.5
DUG	Dugway	52.89 288	eP	P	10 40 20.7 -0.5
130A	Snyder	52.91 272	P	P	10 40 20.3 -1.0
333A	Richland Sprin	52.92 270	P	P	10 40 19.3 -2.0
434A	Burns	52.96 269	P	P	10 40 20.1 -1.6
VFP	Flag Point	53.00 298	P	P	10 40 22.4 +0.5
VFP	Flag Point	53.00 298	P	P	10 40 22.4 +0.5
MVCO	Mesa Verde	53.08 282	eP	P	10 40 21.7 -1.1
MVCO	Mesa Verde	53.08 282	eP	P	10 40 23.2 +0.4
MVCO	Mesa Verde	53.08 282	eP	P	10 40 23.2 +0.4
Z28A	Tucker Farm, M	53.08 274	P	P	10 40 21.4 -1.3
637A	Eagle Lake	53.09 266	P	P	10 40 21.8 -0.8
231A	Bronte	53.11 271	P	P	10 40 21.1 -1.7
535A	Dale	53.24 268	P	P	10 40 21.9 -1.8
332A	Millersview	53.26 270	P	P	10 40 22.4 -1.5
129A	Stewart Farms,	53.34 273	P	P	10 40 22.9 -1.6
636A	Smothers Creek	53.42 267	P	P	10 40 23.0 -2.0
433A	Art	53.43 269	P	P	10 40 23.4 -1.7
230A	Sterling City	53.55 272	P	P	10 40 25.3 -0.7
ELK	Elko	53.63 290	eP	Pmax	10 40 27.9 +1.1
ELK	Elko	53.63 290	eP	P	10 40 27.9 +1.1
ELK	Elko	53.63 290	eP	P	10 40 27.9 +1.1
128A	Castleberry Fa	53.66 274	P	P	10 40 25.5 -1.4
331A	San Angelo	53.66 271	P	P	10 40 25.5 -1.4
432A	Menard	53.69 270	P	P	10 40 24.7 -2.3
105D	Terrebonne, OR	53.70 297	P	P	10 40 25.8 -1.2
534A	Blanco	53.70 268	P	P	10 40 25.7 -1.4
ANMO	Albuquerque	53.84 279	iP	Pmax	10 40 28.2 -0.1
ANMO	Albuquerque	53.84 279	iP	P	10 40 28.2 -0.1
ANMO	Albuquerque	53.84 279	iP	P	10 40 28.2 -0.1
229A	Bryant Ranch,	53.84 273	eP	P	10 40 27.5 +0.2
MSU	Marysville	53.88 286	eP	Pmax	10 40 28.9 +0.3
MSU	Marysville	53.88 286	eP	P	10 40 28.9 +0.3
MSU	Marysville	53.88 286	eP	P	10 40 28.9 +0.3
WVOR	Wild Horse Val	53.93 294	eP	Pmax	10 40 29.0 +0.2
WVOR	Wild Horse Val	53.93 294	eP	P	10 40 29.0 +0.2
WVOR	Wild Horse Val	53.93 294	eP	P	10 40 29.0 +0.2
533A	Kerrville	53.95 269	P	P	10 40 27.2 -1.7
330A	Mertzton	53.97 272	P	P	10 40 27.8 -1.3
JCT	Junction City	54.01 270	eP	Pmax	10 40 28.8 -0.6
JCT	Junction City	54.01 270	eP	P	10 40 28.1 -1.3
JCT	Junction City	54.01 270	eP	P	10 40 28.8 -0.6
JCT	Junction City	54.01 270	eP	P	10 40 28.8 -0.6
228A	UT Block 9, Go	54.12 273	P	P	10 40 28.5 -1.8
NVS	Novosibirsk	54.22 41	eP	Pmax	10 40 31.1 +0.6
NVS	Novosibirsk	54.22 41	eP	P	10 43 44.4
NVS	Novosibirsk	54.22 41	eP	Pmax	10 40 31.1 +0.6
431A	Sonora	54.26 271	P	P	10 40 29.6 -1.7
329A	Wagon Wheel Ra	54.31 272	P	P	10 40 30.6 -1.0
532A	Rocksprings	54.35 270	P	P	10 40 30.1 -1.8
LPM	Los Pinos Moun	54.42 278	eP	P	10 40 32.5 -0.1
LPM	Los Pinos Moun	54.42 278	eP	P	10 40 32.5 -0.1
J05D	Fort Rock, OR	54.47 296	P	P	10 40 31.2 -1.5
430A	Baggett Ranch,	54.50 271	P	P	10 40 32.1 -0.8

633A	Saathoff Ranch	54.52 269	P	P	10 40 31.9 -1.1
104A	Tendick Farm,	54.61 297	P	P	10 40 31.8 -1.8
LAZ	Ladron	54.61 279	eP	P	10 40 34.6 +0.7
LAZ	Ladron	54.61 279	eP	P	10 40 34.6 +0.7
531A	Rocksprings	54.65 270	P	P	10 40 33.0 -1.1
835A	Beeville	54.78 267	P	P	10 40 34.4 -0.6
632A	Uvalde	54.79 269	P	P	10 40 33.5 -1.6
BMN	Battle Mountai	54.82 291	eP	Pmax	10 40 35.6 +0.3
BMN	Battle Mountai	54.82 291	eP	P	10 40 35.6 +0.3
BMN	Battle Mountai	54.82 291	eP	P	10 40 35.6 +0.3
J04D	Umpqua Nationa	54.90 297	P	P	10 40 34.1 -1.9
429A	Davenport Ranc	54.96 272	P	P	10 40 34.9 -1.4
530A	J-C Ranch, Com	55.06 271	P	P	10 40 36.2 -0.8
MOD	Modoc	55.12 294	eP	P	10 40 37.9 +0.4
MOD	Modoc	55.12 294	eP	P	10 40 37.9 +0.4
733A	Divot King Rang	55.18 268	P	P	10 40 36.2 -1.6
631A	Perdido Creek	55.27 270	P	P	10 40 36.2 -2.3
834A	Tilden	55.28 267	P	P	10 40 37.4 -1.2
W18A	Petrified Fore	55.34 281	P	P	10 40 37.3 -1.9
ZALV	Zalovevo Bann	55.48 41	P	P	10 40 40.4 +0.7
ZALV	Zalovevo Bann	55.48 41	iP	P	10 41 41.0 +1.4
ZALV	Zalovevo Bann	55.48 41	iP	P	11 04 39.8
ZALV	Zalovevo Bann	55.48 41	iP	Pmax	10 40 42.2 +2.5
ZALV	Zalovevo Bann	55.48 41	P	P	10 41 41.0 +1.4
ZALV	Zalovevo Bann	55.51 269	P	P	10 40 39.0 -1.2
OTUK	Ortury	55.53 52	P	Pmax	10 40

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like Darwin (Calif), Manual Prospec, GMRC, Goldstone, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like KSH, PTGA, WMO, Urumqi, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like KRSR, KJAR, KJAR, etc.

NEIC 09 10:31:06.3, 43:56S:172:38E, h5km, ML4.0(WEL), After WEL.

NEIC Fell in central Canterbury, WEL 09 10:31:06.6:0.1, 43.55S:172:41E, h8km, ML4.0/22, C2-4D, NEIC 09 Ellipse: s-maj=0.5km s-min=0.4km az=0.0, South Island

Table with columns: Code, Station Name, Azimuth, Elevation, Phase I, Phase II, ISC, h, m, s, ISC. Includes stations like Canterbury Las, McQueen's Vall, etc.

ms1mx2.5/35, Error ellipse: s-maj=34.3km s-min=20.7km

az=61.0
ISC 09 12:36:56.8-0.7, 0.27S, 104x122.93E, 0.04, h78km, n22,

c=242/29, mb3.8/4, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations and their characteristics for the 9d 13h event.

ISC 09 12:47:12.3-518.0, 57.07N, 30.08E, h0km, Error ellipse:

s-maj=194.3km s-min=88.9km az=93.0, Baltic States -

Belarus - Northwestern Russia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for the Baltic States event.

DJA 09 12:51:41.3-0.7, 7.5S, 101.4E, h67km, 22km, M3.8/6,

MLv3.8/6, Sunda Strait

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for the Sunda Strait event.

ISC 09 12:54:39.1-1.3, 13.58N, 120.46E, h0km, mb3.6/5,

mb1 3.9/5, mb1mx3.5/6, mbtmp3.7/5, Error ellipse:

s-maj=62.3km s-min=20.5km az=59.0, Mindoro

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for the Mindoro event.

ISC 09 13:01:08.2-2.7, 27.32S, 177.38W, h263km, 32km,

mb3.3/5, mb1 3.6/6, mb1mx3.2/32, mbtmp4.0/6, Error

ellipse: s-maj=79.0km s-min=24.2km az=170.0,

Kermadec Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for the Kermadec Islands event.

ISC 09 13:02:14.3-8.8, 31.28N, 142.53E, h0km, mb3.5/5,

mb1 3.6/6, mb1mx3.4/58, mbtmp3.5/6, ML3.5/1, Error

ellipse: s-maj=336.7km s-min=24.0km az=69.0,

JMA 09 13:02:16.1-0.3, 31.55N, 142.75E, h30km, M3.9

ISCJCB 09 13:02:17.4-0.9, 31.58N, 142.75E, 0.1, h49km,

mb3.5/5, Error ellipse: s-maj=18.4km s-min=7.5km

az=153.5

ISC 09 13:02:19.5-1.4, 31.53N, 142.7E, 0.1, h49km, n15,

c=92/19, mb3.5/5, Southeast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for the Southeast of Honshu event.

MJAR 0.4nm, 0.3s, baz=214, slow=31, SNR=2.6

MAT Matsushiro 6.23 325 P Pn

MAT Ichinoseki 7.51 351 eS Pn

JMK Songino Array 31.98 311 P Pn

IKAR Machanachi Array 48.09 307 P P

KURBS Kurchatov Arra 50.34 312 P P

WRA Warramunga Arr 51.80 190 P P

ASAR Alice Springs 55.52 190 P P

NEIC 09 13:13:46.0-0.8, 35.59S, 178.05E, h5km, mb4.3/2,

ML4.5(WEL), After WEL.

WEL 09 13:13:46.0-0.8, 35.59S, 178.05E, h5km, ML4.5/8, Error

ellipse: s-maj=6.4km s-min=6.4km az=90.0, Off east

coast of North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for the NEIC/WEL event.

CSEM 09 13:22:06.3, 12.10N, 44.26E, h6km, ML3.6

DHMR 09 13:22:06.3-1.2, 12.10N, 44.26E, h7km, 20km, ML3.6, 2C,

Western Arabian Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for the Western Arabian Peninsula event.

ISC 09 13:22:34.7-5.11, 0.5663N, 30.17E, h0km, Error ellipse:

s-maj=193.0km s-min=83.3km az=86.0, Baltic States -

Belarus - Northwestern Russia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for the Baltic States event.

NIED 09 13:30:00, 24.40N, 121.90E, h23km, Mw4.0 Best double

couple: Mo1.28000x1015 NP1.79.00000, 0.65.00000,

2.4.00000. NP2.339.00000, 0.68.00000, 1.153.00000.

JMA 09 13:30:07.9-0.2, 24.41N, 121.85E, h43km, 4km, M4.1

TAP 09 13:30:08.3-2.4, 24.47N, 121.92E, h30km, ML4.5, B

BUI 09 13:30:08.1, 24.50N, 122.04E, h22km, mb4.3/5, mb4.3/2,

ML4.1/5, Ms4.3/1

ISCJCB 09 13:30:09.0-0.2, 24.49N, 121.98E, 0.01, h25km, 2km,

mb3.7/10, MS3.1/5, Error ellipse: s-maj=2.9km

ISC 09 13:30:19.3-3.3, 24.45N, 121.94E, h128km, 51km,

mb3.4/10, mb1 3.5/11, mb1mx3.4/40, mbtmp3.8/11, MS3.0/9,

Ms1.3/0.9, ms1mx2.9/25, Error ellipse: s-maj=27.1km

s-min=15.0km az=72.0

ISC 09 13:30:09.8-0.8, 24.50N, 121.93E, 0.02, h33km, 2km,

n104, 1919/148, mb3.8/10, MS3.2/5, 15C-13D, Taiwan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for the Taiwan event.

TWE baz=315 S Sn 13 30 21.2 -2.2

EGS baz=359 0.34 11 P Pn 13 30 17.4 -0.7

EGS baz=359 i S Sn 13 30 23.2 -0.8

ENTT Nioudou baz=298 0.36 293 P Pn 13 30 17.0 -1.3

NNS Nan Shan baz=267 0.51 264 P Pn 13 30 19.1 -1.8

NNS baz=359 eS Sn 13 30 25.2 -0.9

TWB1 Santiao Chiao baz=267 0.51 6 P Pn 13 30 19.8 -0.8

TWB1 baz=2.0 S Sb 13 30 27.6 -0.4

TWD Chiawan baz=220 0.51 216 P Pn 13 30 18.8 -2.0

TWD baz=220 eS Sn 13 30 27.7 -0.3

NSK Sanguang baz=297 0.55 289 P Pn 13 30 20.0 -1.3

NSK baz=297 eS Sb 13 30 26.1 -2.8

TWA Mucha baz=322 0.57 327 P Pn 13 30 21.1 -0.5

TWA baz=322 i S Sn 13 30 29.4 -0.4

NWF Wu-fen Shan baz=341 0.58 347 P Pn 13 30 21.6 -0.3

NWF baz=341 i S Sn 13 30 29.9 -0.4

HWA Hwalien baz=209 0.60 209 P Pn 13 30 20.8 -1.1

TAP1 Taipei baz=327 0.65 326 P Pn 13 30 22.0 0.0

TAP1 baz=327 i S Sn 13 30 32.1 +0.3

TAP Taipei baz=327 0.66 325 P Pn 13 30 22.7 -0.1

TAP baz=327 i S Sn 13 30 32.1 +0.1

WHF Hehuan Shan baz=246 0.70 240 P Pn 13 30 22.2 -1.5

TWT Tachien baz=253 0.73 251 P Pn 13 30 23.0 -0.9

TWT baz=253 i S Sn 13 30 33.3 -0.6

ESF Shoufeng Towns baz=253 0.73 212 eP Pn 13 30 23.3 -0.5

TWS1 Kuangyinshan baz=333 0.76 323 P Pn 13 30 24.3 +0.1

TWS1 baz=333 eS Sn 13 30 35.1 +0.7

ESL Shilin baz=228 0.82 214 P Pn 13 30 23.2 -1.7

ESL baz=228 i S Sn 13 30 36.5 +0.6

NCU National Centr baz=208 0.82 305 P Pn 13 30 25.3 +0.3

NCU baz=208 S Sn 13 30 37.2 +1.2

TWY Chenhua baz=340 0.83 339 P Pn 13 30 25.3 +0.1

TWY baz=340 S Sn 13 30 37.0 +0.8

NSTT Nanjuang baz=281 0.85 279 P Pn 13 30 25.5 +0.1

NSTT baz=281 S Sn 13 30 36.4 -0.4

TEGG Jichi Village baz=281 0.86 204 eP Pn 13 30 25.5 -0.1

HSN Hsinchu baz=293 0.92 289 P Pn 13 30 26.5 +0.1

HSN baz=293 S Sn 13 30 39.6 +1.1

JYNG Yonagunijimaku 0.93 93 P Pn 13 30 25.7 -0.8

JYNG Yonaguni jima 0.99 92 P Pn 13 30 26.4 -0.9

YOJ Yonaguni jima 0.99 92 P Pn 13 30 26.5 -0.8

YOJ baz=81 S Sn 13 30 40.0 -0.2

WDT Danda baz=215 1.03 225 eP Pn 13 30 27.4 -0.9

TWQ1 Liyutan baz=264 1.06 262 P Pn 13 30 29.6 +1.3

TWQ1 baz=264 i S Sn 13 30 43.3 +1.3

NSY Sanyi baz=267 1.06 266 P Pn 13 30 29.7 +1.3

NSY baz=267 eS Sb 13 30 44.7 +1.3

SMLT Sun Moon Lake baz=226 1.12 237 P Pn 13 30 29.2 0.0

SMLT baz=226 eS Sn 13 30 43.9 +0.3

EHY Hungye baz=239 1.13 209 eP Pn 13 30 27.3 -2.0

PCYT Pengchayiu baz=7.0 1.13 7 eP Pn 13 30 28.0 -0.1

TYC Yuchr baz=247 1.14 239 P Pn 13 30 29.7 +0.3

TYC baz=247 eS Sn 13 30 45.1 +1.2

TCU Taichung baz=254 1.19 253 eP Pn 13 30 32.5 +0.6

TCU baz=254 eS Sb 13 30 48.8 +1.8

TWF1 Yuli baz=218 1.28 207 eP Pn 13 30 29.5 -1.8

WNT Mingjian baz=221 1.29 242 P Pn 13 30 33.0 +1.5

YUS Yu-Shan baz=221 1.34 222 P Pn 13 30 32.5 -0.1

ALS Alshan baz=216 1.45 226 P Pn 13 30 34.0 +0.4

CHN5 Tsauling baz=233 1.42 232 P Pn 13 30 34.9 +1.1

CHN5 baz=233 eS Sb 13 30 54.9 +0.5

CHKT Chengkung baz=187 1.48 200 eP Pn 13 30 32.8 -1.3

WKG Gukung baz=238 1.49 237 P Pn 13 30 35.9 +1.7

ELDTW Lidau baz=238 1.55 213 eP Pn 13 30 55.2 -0.1

WTCT Ta-cheng baz=202 1.63 248 eP Pn 13 30 36.6 +0.5

WTCT baz=262 eS Sn 13 30 58.0 +2.0

CHN2 Minshing baz=235 1.64 234 eP Pn 13 30 38.1 +1.8

CHN2 baz=235 eS Sb 13 31 01.1 +1.4

IRIF Iriomote-Funau 1.65 95 P Pn 13 30 35.8 -0.7

IRIF baz=241 S Sn 13 30 56.0 -0.6

CHN4 Tsausshan baz=219 1.67 227 eP Pn 13 30 38.2 +1.4

CHN4 baz=219 eS Sb 13 31 01.5 +0.9

CHY Chiayi baz=223 1.70 234 eP Pn 13 30 38.6 +1.6

STYT Tauyuan baz=220 1.71 219 P Pn 13 30 37.7 +0.4

STYT baz=220 eS Sn 13 31 00.8 +2.9

WTP Ta-pu baz=225 1.73 224 eP Pn 13 30 38.9 +1.3

WTP baz=225 eS Sb 13 31 03.0 +0.6

HATJ Hateruma jima 1.77 104 P Pn 13 30 39.3 +1.2

HATJ baz=241 eS Sn 13 30 59.7 +0.2

WSF Sshu baz=241 1.78 242 eP Pn 13 30 38.9 +0.8

WSF baz=241 eS Sn 13 31 02.5 +2.9

TKW Hsinying baz=228 1.80 227 P Pn 13 30 40.2 +1.6

TKW baz=228 eS Sb 13 31 04.2 -0.1

CHN1 Nanshi baz=225 1.83 225 eP Pn 13 30 40.6 +1.6

CHN1 baz=225 eS Sb 13 31 04.9 -0.3

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Pinlang, Jiasian, Kuro-shima, Yiju, etc.

AUST 09 13:29:35.3, 10.49S:171.50E, h15km
ISCJB 09 13:30:34.5, 1.4, 12.05S:0.09:166.9E:0.2, h220km,
mb4.1/4, Error ellipse: s-maj=23.3km s-min=11.5km

IDC 09 13:30:37.5, 7.2, 12.23S:166.82E, h238km, 73km, mb3.7/4,
mb1.3/9.5, mb1mx3/3.93, mbtmp4.3/5, Error ellipse:
s-maj=59.6km s-min=24.2km az=168.0

ISC 09 13:30:35.8, 1.3, 12.2S:0.1:166.9E:0.2, h220km, n17,
o085/17, mb4.2/4, Santa Cruz Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Mont Dzumac, Eidsvold, Charters Tower, etc.

1C-2D, Error ellipse: s-maj=4.2km s-min=2.4km az=90.0, Off west coast of South Island

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

CSEM 09 13:51:24.0, 11.94N:43.94E, h12km, ML3.5, DHMR 09 13:51:24.0, 1.3, 11.94N:43.94E, h12km, 106km, ML3.5, Ethiopia

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

ISCJB 09 13:55:29.4, 0.7, 41.22N:0.03:43.45E, h2km, 6km, Error ellipse: s-maj=5.1km s-min=3.5km az=145.1

CSEM 09 13:55:29.3, 0.2, 41.22N:43.44E, h2km, MD2.8, Error ellipse: s-maj=3.7km s-min=2.8km az=152.0

TIF 09 13:55:30.0, 4.1, 28N:43.56E, h15km, 1km
DDA 09 13:55:31.4, 4.1, 19N:43.42E, h25km, MD2.8
ISC 09 13:55:29.3, 1.0, 41.22N:0.03:43.44E:0.02, h9km, 8km, n24, o0949/48, Turkey-Georgia-Armenia border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Akhalkalaki, Akyaka, Kars, etc.

PRU 09 13:56:06.1, 49.84N:18.49E, h0km, Czech and Slovak Republics

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

1C-2D, Error ellipse: s-maj=4.2km s-min=2.4km az=90.0, Off west coast of South Island

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

NIED 09 14:00:00.44, 60N:150.10E, h17km, Mw4.3 Best double
cose: Ms3.15000x1015 NP1:9s191.00000, s35.00000,
7.56.00000, NP2:9s50.00000, r62.00000, l111.00000

BUI 09 14:00:47.4, 44.35N:150.24E, h2km, mb4.6/23, mb4.8/16,
Ms4.3/12, Ms7.4/12

IDC 09 14:00:47.3, 0.7, 44.47N:150.09E, h2km, mb4.1/21,
mb1.4/2.26, mb1mx1.1/47, mbtmp4.1/26, ML3.3/5, MS3.8/10,
Ms1.3/8.10, ms1mx3.3/45, Error ellipse: s-maj=18.1km,
s-min=14.4km az=144.0

ISCJB 09 14:00:50.4, 0.9, 44.21N:0.05:150.06E:0.07, h38km, 7km,
mb4.4/48, MS3.9/9, Error ellipse: s-maj=9.1km
s-min=7.2km az=140.5

NEIC 09 14:00:50.2, 4.4, 44.48N:150.09E, h2km, 17km, mb4.8/10,
Error ellipse: s-maj=12.3km s-min=7.2km az=136.0

JMA 09 14:00:50.2, 0.4, 44.57N:150.13E, h3km, M4.6
SKHL 09 14:00:50.9, 0.7, 44.24N:150.22E, h52km, 4km, mb5.7/1,
Ms3.9/5

MOS 09 14:00:52.8, 1.1, 44.58N:149.85E, h4km, mb4.9/24, Error
ellipse: s-maj=10.5km s-min=6.4km az=127.5

ISC 09 14:00:51.6, 0.7, 44.31N:0.07:150.06E:0.06, h34km, 1km,
n167, o1973/182, mb4.5/48, MS3.8/9, 7C-3D, East of Kuril Islands

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

9d 14h

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like JAK Akkeshi, JTKR Abashiri-Toko, etc.

2010 SEP

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like GTA Gaotai, HVS Khovu-Aksy, etc.

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Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, etc. Includes stations like KIEV Kiev, LVV L'vov, etc.

MEX 09 14:05:05.8-0.8, 15:19N:96:12W, h20km, MD4.1, Near coast of Oaxaca

IDC 09 14:26:04.6-1.8, 3:16S, 142:63E, h0km, mb3 4/3, mb4 3/74, mb1mx3.4/34, mb1mx3.4/34, ML3.2/5, MS3.5/1, Ms1 3.4/1, ms1mx2.7/19, Error ellipse: s-maj=40.4km s-min=28.1km az=110.0, Near north coast of New Guinea

ISCJB 09 14:20:10.9-0.4, 1:47N:104:126:50E, 0.04, h47km, mb4 0/8, Error ellipse: s-maj=6.3km s-min=5.2km az=43.6, DJA 09 14:28:11.1-1.1, 2:3N:3:12:7E, h28km, 16km, M4.2/11, mb4.3/3, mb4.8/1, MLV4.1/11, Mw(mb)4.1/1, IDC 09 14:28:13.7-3.2, 1:41N:126:35E, h62km, 35km, mb3.6/8, mb1 3.7/11, mb1mx3.5/40, mb1mx3.9/11, ML3.4/3, MS2.8/1, Ms1 2.8/1, ms1mx2.2/36, Error ellipse: s-maj=22.9km s-min=17.1km az=86.0, ISC 09 14:28:12.4-0.7, 1:45N:106:126:50E, 0.05, h47km, n25, s1905/27, mb4.0/8, Northern Molucca Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like DCZ Deep Cove, CASY Casey, ODZ Otahu Downs, etc.

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

ISK 09 17:29:22.2, 36:58N-27:07E, h127km, ML3.3
ATH 09 17:29:22.8, 36:67N-27:06E, h134km, 2km
ISCJB 09 17:29:22.0, 36:58N-0:03:27.11E:0.03, h132km, 4km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BODT Bodrum, ARG Arkhangelos, SMG Samos, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like DESF Desfina, KLV Kalavryta, PVL PYLOS, etc.

WEL 09 17:55:49.9, 0.4, 36:81S-176:92E, h206km, 4km, ML3.6/8, 1D, Error ellipse: s-maj=5.2km s-min=4.8km az=0.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like HAZ Te Kaha, URZ Urewera, WMGZ Waionatani S, etc.

ISCJB 09 18:06:33.7, 0.2, 43:72N-102:105:33W:0:02, h0km, mb4.0/3, MS3.2/2, Error ellipse: s-maj=2.6km s-min=1.8km

NEIC 09 18:06:33.8, 0.4, 43:80N-105:19W, h0km, ML3.2, Error ellipse: s-maj=5.6km s-min=5.2km az=30.0, Suspected Mining explosion.
NEIC 60 km [35 miles] SSE of Gillette.
IDC 09 18:06:34.2, 1.8, 43:83N-105:32W, h0km, mb4.0/3, mb1 3.9/6, mb1mx3.6/45, mbmtpp3.8/6, ML3.1/2, MS3.2/4, Ms1 3.2/4, ms1mx2.8/44, Error ellipse: s-maj=5.4km s-min=12.6km az=146.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like I23A Meade Ranch, J24A Dixon Ranch, RSSD Black Hills, etc.

CSEM 09 17:27:41.1, 12:16N-44:21E, h3km, ML3.6
DHMR 09 17:27:41.1, 12:16N-44:21E, h4km, 12km, ML3.6, Western Arabian Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists various stations like KLW, LTK, LAST, RLS, SNT, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like BHJ, BHW, BTH, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like GNI, ABKAR, LSA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like Ostrava-Krasne, KRALC, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like ASUD, BHPL, etc.

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

CSEM 09 19:40:06.8.0.2.43:13N-18:86E, h2km, ML3.4, Error ellipse: s-maj=3.8km s-min=2.7km az=123.0

PDG 09 19:40:07.1.0.4.3:11N-18:86E, h2km, MD2/3.4, ML2.2/1.1, Error ellipse: s-maj=0.4km s-min=0.7km az=0.0

BEQ 09 19:40:08.1.0.3.43:11N-18:88E, h5km, 9km, ML2.0/1.1, Error ellipse: s-maj=0.4km s-min=0.7km az=0.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like UPM, BRY, NKY, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like KLRI, SRSP, RPR, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Lists stations like ZALV, ZALV, CHTO, etc.

ISC/JB 09 19:45:04.9.0.3.28:19N-0:03:66.47E, 0.03, h10km, mb4.2/4.5, MS3.6/2.2, Error ellipse: s-maj=4.8km s-min=3.8km az=17.1

ISC 09 19:45:05.0.0.6.28:17N-66:37E, h0km, mb4.2/2.9, mb1.4/3.0, mb1mx4.1/5.0, mb1mp4.2/3.0, ML3.8/1.1, MS3.6/2.1, Ms1.3.6/2.1, ms1mx3.4/3.6, Error ellipse: s-maj=15.1km

ISC 09 19:45:06.8.0.4.28:18N-0:05:66.44E, 0.05, h10km, n12.4, c0154/126, mb4.3/4.5, MS3.6/2.2, 9C-3D, Pakistan

GVD	Gavdhos	1.35 307 ePn	Pn	21 22 57.9 +0.9	BCK	Buck	5.43 50 ePn	Pn	21 23 54.4 +1.1	ABTA	Abfaltersbach	16.02 326 P	P	21 26 21.7 +1.1
GVD	GVD	eS	Sn	21 23 10.8 -3.1	KHAL	Karahalli	5.45 36 iP	Sn	21 23 57.7 +0.2	comp=E,15nm,0.6s				
VAM	Vamos	1.69 325 ePn	Pn	21 23 03.0 +1.2	KHAL	Karahalli	5.45 36 iP	Sn	21 25 52.5 -2.7	MOA	Molin	16.14 332 iP	P	21 26 22.3 +0.5
VAM	Vamos	1.69 325 P	Pn	21 23 02.5 +0.7	AGG	Agios Georgios	5.56 335 ePn	Pn	21 23 53.7 +0.2	comp=E,6.5nm,0.8s				
VAM	Vamos	1.69 325 ePn	Pn	21 23 03.0 +1.2	AGG	Agios Georgios	5.56 335 ePn	Pn	21 23 54.9 -0.1	MOA	Molin	16.14 332 P	P	21 26 22.3 +0.5
IMMV	Iera Moni Meta	1.84 321 ePn	Pn	21 23 05.6 +1.7	AGG	Agios Georgios	5.56 335 ePn	Pn	21 23 56.4 +1.4	NEY	Neytrino	16.34 51 iP	P	21 26 24.2 -0.1
IMMV	Iera Moni Meta	1.84 321 ePn	Pn	21 23 05.6 +1.7	AGG	Agios Georgios	5.56 335 ePn	Pn	21 23 56.1 +1.1	NEY	Neytrino	16.34 51 iP	P	21 26 24.2 -0.1
KARP	Karpathos	2.10 43 ePn	Sb	21 23 09.2 +1.8	ASP	Asparagos	5.56 335 ePn	Pn	21 23 56.1 +1.1	ONI	Oni	16.52 54 eP	P	21 26 27.4 +1.3
KARP	Karpathos	2.10 43 ePn	Sb	21 23 09.2 +1.8	ISP	Isparagos	5.62 46 ePn	Pn	21 23 57.0 +1.1	ONI	Oni	16.52 54 eP	P	21 26 27.4 +1.3
KARP	Karpathos	2.10 43 ePn	Sb	21 23 09.2 +1.8	ISP	Isparagos	5.62 46 ePn	Pn	21 23 57.0 +1.1	ONI	Oni	16.52 54 eP	P	21 26 27.4 +1.3
KARP	Karpathos	2.10 43 ePn	Sb	21 23 09.2 +1.8	ISP	Isparagos	5.62 46 ePn	Pn	21 23 57.0 +1.1	ONI	Oni	16.52 54 eP	P	21 26 27.4 +1.3
THR6	Thira Island	2.32 360 P	Pn	21 23 11.6 +1.2	ISP	Isparagos	5.62 46 ePn	Pn	21 23 57.0 +1.1	GNI	Garni	16.59 63 eP	P	21 26 27.9 +0.9
THR6	Thira Island	2.32 360 P	Pn	21 23 11.6 +1.2	ISP	Isparagos	5.62 46 ePn	Pn	21 23 57.0 +1.1	GNI	Garni	16.59 63 eP	P	21 26 27.9 +0.9
THR6	Thira Island	2.32 360 P	Pn	21 23 11.6 +1.2	ISP	Isparagos	5.62 46 ePn	Pn	21 23 57.0 +1.1	GNI	Garni	16.59 63 eP	P	21 26 27.9 +0.9
SANT	Santorini	2.33 1 ePn	Sb	21 23 11.6 +0.9	ISP	Isparagos	5.62 46 ePn	Pn	21 23 57.0 +1.1	GNI	Garni	16.59 63 eP	P	21 26 27.9 +0.9
SANT	Santorini	2.33 1 ePn	Sb	21 23 11.6 +0.9	ISP	Isparagos	5.62 46 ePn	Pn	21 23 57.0 +1.1	GNI	Garni	16.59 63 eP	P	21 26 27.9 +0.9
SANT	Santorini	2.33 1 ePn	Sb	21 23 11.6 +0.9	ISP	Isparagos	5.62 46 ePn	Pn	21 23 57.0 +1.1	GNI	Garni	16.59 63 eP	P	21 26 27.9 +0.9
SANT	Santorini	2.33 1 ePn	Sb	21 23 11.6 +0.9	ISP	Isparagos	5.62 46 ePn	Pn	21 23 57.0 +1.1	GNI	Garni	16.59 63 eP	P	21 26 27.9 +0.9
THR3	Thira Island	2.37 0 P	Pn	21 23 12.1 +1.0	MAKR	Makrakomi, Fth	5.62 333 ePn	Pn	21 23 57.4 +1.5	VRAC	Vranov	16.60 339 Pn	P	21 26 26.1 -0.8
THR3	Thira Island	2.37 0 P	Pn	21 23 12.1 +1.0	MAKR	Makrakomi, Fth	5.62 333 ePn	Pn	21 23 57.4 +1.5	comp=E,0.1nm,0.3s,baz=129,slow=10,SNR=6				
THR3	Thira Island	2.37 0 P	Pn	21 23 12.1 +1.0	MAKR	Makrakomi, Fth	5.62 333 ePn	Pn	21 23 57.4 +1.5	KIV	Kislovodsk	16.67 48 eP	P	21 26 28.5 +0.7
THR5	Thira Island	2.38 359 P	Pn	21 23 12.2 +0.9	EVR	Evyrtania	5.67 330 ePn	Pn	21 23 59.5 +3.0	KIV	Kislovodsk	16.67 48 eP	P	21 26 28.5 +0.7
THR5	Thira Island	2.38 359 P	Pn	21 23 12.2 +0.9	PDO	Prodromos	5.69 324 ePn	Pn	21 23 59.2 +2.5	comp=Z,14nm,1.0s				
ANKY	Antikythira Is	2.51 317 ePn	Pn	21 23 14.8 +1.7	PDO	Prodromos	5.69 324 ePn	Pn	21 23 59.2 +2.5	KIV	Kislovodsk	16.67 48 ePn	P	21 26 27.9 +0.1
ANKY	Antikythira Is	2.51 317 ePn	Pn	21 23 14.8 +1.7	PDO	Prodromos	5.69 324 ePn	Pn	21 23 59.2 +2.5	KIV	Kislovodsk	16.67 48 ePn	P	21 26 27.9 +0.1
ANKY	Antikythira Is	2.51 317 ePn	Pn	21 23 14.8 +1.7	PDO	Prodromos	5.69 324 ePn	Pn	21 23 59.2 +2.5	KIV	Kislovodsk	16.67 48 ePn	P	21 26 27.9 +0.1
ANKY	Antikythira Is	2.51 317 ePn	Pn	21 23 14.8 +1.7	PDO	Prodromos	5.69 324 ePn	Pn	21 23 59.2 +2.5	KIV	Kislovodsk	16.67 48 ePn	P	21 26 27.9 +0.1
SLUM	baz=181	2.54 164 P	Pn	21 23 10.5 -3.0	GAZI	Gazipasa	6.08 67 iS	Sn	21 25 03.9 -6.7	KBZ	Kabaz	16.69 49 Pn	P	21 26 27.3 -0.6
SLUM	comp=N,120um,0.6s,logAVT=5.3,baz=181		Sn	21 23 40.7 -2.6	GAZI	Gazipasa	6.08 67 iS	Sn	21 25 03.9 -6.7	KIEV	Kiev	16.88 8 dP	P	21 26 29.1 -0.9
SLUM	baz=181	2.54 164 P	Pn	21 23 10.5 -3.0	GAZI	Gazipasa	6.08 67 iS	Sn	21 25 03.9 -6.7	KIEV	Kiev	16.88 8 dP	P	21 26 29.1 -0.9
SLUM	baz=181	2.54 164 P	Pn	21 23 10.5 -3.0	GAZI	Gazipasa	6.08 67 iS	Sn	21 25 03.9 -6.7	KIEV	Kiev	16.88 8 dP	P	21 26 29.1 -0.9
MHLO	Agia Marina, M	2.77 343 ePn	Pn	21 23 17.7 +1.1	GAZI	Gazipasa	6.08 67 iS	Sn	21 25 03.9 -6.7	KIEV	Kiev	16.88 8 dP	P	21 26 29.1 -0.9
MHLO	Agia Marina, M	2.77 343 ePn	Pn	21 23 17.7 +1.1	GAZI	Gazipasa	6.08 67 iS	Sn	21 25 03.9 -6.7	KIEV	Kiev	16.88 8 dP	P	21 26 29.1 -0.9
MHLO	Agia Marina, M	2.77 343 ePn	Pn	21 23 17.7 +1.1	GAZI	Gazipasa	6.08 67 iS	Sn	21 25 03.9 -6.7	KIEV	Kiev	16.88 8 dP	P	21 26 29.1 -0.9
MHLO	Agia Marina, M	2.77 343 ePn	Pn	21 23 17.7 +1.1	GAZI	Gazipasa	6.08 67 iS	Sn	21 25 03.9 -6.7	KIEV	Kiev	16.88 8 dP	P	21 26 29.1 -0.9
NIS1	Nisyros Isl.	2.95 29 Pn	Pn	21 23 19.3 +0.2	GAZI	Gazipasa	6.08 67 iS	Sn	21 25 03.9 -6.7	AKAS	Malin Array B	16.89 8 Pn	P	21 26 26.4 -1.9
NIS1	Nisyros Isl.	2.95 29 Pn	Pn	21 23 19.3 +0.2	GAZI	Gazipasa	6.08 67 iS	Sn	21 25 03.9 -6.7	AKAS	Malin Array B	16.89 8 Pn	P	21 26 26.4 -1.9
NIS1	Nisyros Isl.	2.95 29 Pn	Pn	21 23 19.3 +0.2	GAZI	Gazipasa	6.08 67 iS	Sn	21 25 03.9 -6.7	AKAS	Malin Array B	16.89 8 Pn	P	21 26 26.4 -1.9
NIS1	Nisyros Isl.	2.95 29 Pn	Pn	21 23 19.3 +0.2	GAZI	Gazipasa	6.08 67 iS	Sn	21 25 03.9 -6.7	AKAS	Malin Array B	16.89 8 Pn	P	21 26 26.4 -1.9
KYTH	Kithira	2.96 320 ePn	Pn	21 23 20.4 +1.1	GAZI	Gazipasa	6.08 67 iS	Sn	21 25 03.9 -6.7	AKAS	Malin Array B	16.89 8 Pn	P	21 26 26.4 -1.9
KYTH	Kithira	2.96 320 ePn	Pn	21 23 20.4 +1.1	GAZI	Gazipasa	6.08 67 iS	Sn	21 25 03.9 -6.7	AKAS	Malin Array B	16.89 8 Pn	P	21 26 26.4 -1.9
KYTH	Kithira	2.96 320 ePn	Pn	21 23 20.4 +1.1	GAZI	Gazipasa	6.08 67 iS	Sn	21 25 03.9 -6.7	AKAS	Malin Array B	16.89 8 Pn	P	21 26 26.4 -1.9
KYTH	Kithira	2.96 320 ePn	Pn	21 23 20.4 +1.1	GAZI	Gazipasa	6.08 67 iS	Sn	21 25 03.9 -6.7	AKAS	Malin Array B	16.89 8 Pn	P	21 26 26.4 -1.9
APR	Apeiranthos	3.03 2 ePn	Pn	21 23 20.8 +0.5	GAZI	Gazipasa	6.08 67 iS	Sn	21 25 03.9 -6.7	AKAS	Malin Array B	16.89 8 Pn	P	21 26 26.4 -1.9
APR	Apeiranthos	3.03 2 ePn	Pn	21 23 20.8 +0.5	GAZI	Gazipasa	6.08 67 iS	Sn	21 25 03.9 -6.7	AKAS	Malin Array B	16.89 8 Pn	P	21 26 26.4 -1.9
APR	Apeiranthos	3.03 2 ePn	Pn	21 23 20.8 +0.5	GAZI	Gazipasa	6.08 67 iS	Sn	21 25 03.9 -6.7	AKAS	Malin Array B	16.89 8 Pn	P	21 26 26.4 -1.9
APR	Apeiranthos	3.03 2 ePn	Pn	21 23 20.8 +0.5	GAZI	Gazipasa	6.08 67 iS	Sn	21 25 03.9 -6.7	AKAS	Malin Array B	16.89 8 Pn	P	21 26 26.4 -1.9
APR	Apeiranthos	3.03 2 ePn	Pn	21 23 20.8 +0.5	GAZI	Gazipasa	6.08 67 iS	Sn	21 25 03.9 -6.7	AKAS	Malin Array B	16.89 8 Pn	P	21 26 26.4 -1.9
APR	Apeiranthos	3.03 2 ePn	Pn	21 23 20.8 +0.5	GAZI	Gazipasa	6.08 67 iS	Sn	21 25 03.9 -6.7	AKAS	Malin Array B	16.89 8 Pn	P	21 26 26.4 -1.9
APR	Apeiranthos	3.03 2 ePn	Pn	21 23 20.8 +0.5	GAZI	Gazipasa	6.08 67 iS	Sn	21 25 03.9 -6.7	AKAS	Malin Array B	16.89 8 Pn	P	21 26 26.4 -1.9
APR	Apeiranthos	3.03 2 ePn	Pn	21 23 20.8 +0.5	GAZI	Gazipasa	6.08 67 iS	Sn	21 25 03.9 -6.7	AKAS	Malin Array B	16.89 8 Pn	P	21 26 26.4 -1.9
APR	Apeiranthos	3.03 2 ePn	Pn	21 23 20.8 +0.5	GAZI	Gazipasa	6.08 67 iS	Sn	21 25 03.9 -6.7	AKAS	Malin Array B	16.89 8 Pn	P	21 26 26.4 -1.9
APR	Apeiranthos	3.03 2 ePn	Pn	21 23 20.8 +0.5	GAZI	Gazipasa	6.08 67 iS	Sn	21 25 03.9 -6.7	AKAS	Malin Array B	16.89 8 Pn	P	21 26 26.4 -1.9
APR	Apeiranthos	3.03 2 ePn	Pn	21 23 20.8 +0.5	GAZI	Gazipasa	6.08 67 iS	Sn	21 25 03.9 -6.7	AKAS	Malin Array B	16.89 8 Pn	P	21 26 26.4 -1.9
APR	Apeiranthos	3.03 2 ePn	Pn	21 23 20.8 +0.5	GAZI	Gazipasa	6.08 67 iS	Sn	21 25 03.9 -6.7	AKAS	Malin Array B	16.89 8 Pn	P	21 26 26.4 -1.9
APR	Apeiranthos	3.03 2 ePn	Pn	21 23 20.8 +0.5	GAZI	Gazipasa	6.08 67 iS	Sn	21 25 03.9 -6.7	AKAS	Malin Array B	16.89 8 Pn	P	21 26 26.4 -1.9
APR	Apeiranthos	3.03 2 ePn	Pn	21 23 20.8 +0.5	GAZI	Gazipasa	6.08 67 iS	Sn	21 25 03.9 -6.7	AKAS	Malin Array B	16.89 8 Pn	P	21 26 26.4 -1.9
APR	Apeiranthos	3.03 2 ePn	Pn	21 23 20.8 +0.5	GAZI	Gazipasa	6.08 67 iS	Sn	21 25 03.9 -6.7	AKAS	Malin Array B	16.89 8 Pn	P	21 26 26.4 -1.9
APR	Apeiranthos	3.03 2 ePn	Pn	21 23 20.8 +0.5	GAZI	Gazipasa	6.08 67 iS	Sn	21 25 03.9 -6.7	AKAS	Malin Array B	16.89 8 Pn	P	21 26 26.4 -1.9
APR	Apeiranthos	3.03 2 ePn	Pn	21 23 20.8 +0.5	GAZI	Gazipasa	6.08 67 iS	Sn	21 25 03.9 -6.7	AKAS	Malin Array B	16.89 8 Pn	P	21 26 26.4 -1.9
APR	Apeiranthos	3.03 2 ePn	Pn	21 23 20.8 +0.5	GAZI	Gazipasa	6.08 67 iS	Sn	21 25 03.9 -6.7	AKAS	Malin Array B	16.89 8 Pn	P	21 26 26.4 -1.9
APR	Apeiranthos	3.03 2 ePn	Pn	21 23 20.8 +0.5	GAZI	Gazipasa	6.08 67 iS	Sn	21 25 03.9 -6.7	AKAS	Malin Array B	16.89 8 Pn	P	21 26 26.4 -1.9
APR	Apeiranthos	3.03 2 ePn	Pn	21 23 20.8 +0.5	GAZI	Gazipasa	6.08 67 iS	Sn	21 25 03.9 -6.7	AKAS	Malin Array B	16.89 8 Pn	P	21 26 26.4 -1.9
APR	Apeiranthos	3.03 2 ePn	Pn	21 23 20.8 +0.5	GAZI	Gazipasa	6.08 67 iS	Sn	21 25 03.9 -6.7	AKAS	Malin Array B	16.89 8 Pn	P	21 26 26.4 -1.9
APR	Apeiranthos	3.03 2 ePn	Pn	21 23 20.8 +0.5	GAZI	Gazipasa	6.08 67 iS	Sn	21 25 03.9 -6.7	AKAS	Malin Array B	16.89 8 Pn	P	21 26 26.4 -1.9
APR	Apeiranthos	3.03 2 ePn	Pn	21 23 20.8 +0.5	GAZI	Gazipasa	6.08 67 iS	Sn	21 25 03.9 -6.7	AKAS	Malin Array B	16.89 8 Pn	P	21 26 26.4 -1.9
APR	Apeiranthos	3.03 2 ePn	Pn	21 23 20.8 +0.5	GAZI	Gazipasa	6.08 67 iS	Sn	21 25 03.9 -6.7	AKAS	Malin Array B	16.89 8 Pn	P	21 26 26.4 -1.9
APR	Apeiranthos	3.03 2 ePn	Pn	21 23 20.8 +0.5	GAZI	Gazipasa	6.08 67 iS	Sn	21 25 03.9 -6.7	AKAS	Malin Array B	16.89 8 Pn	P	21 26 26.4 -1.9
APR	Apeiranthos	3.03 2 ePn	Pn	21 23 20.8 +0.5	GAZI	Gazipasa	6.08 67 iS	Sn	21 25 03.9 -6.7	AKAS	Malin Array B	16.89 8 Pn	P	21 26 26.4 -1.9
APR	Apeiranthos	3.03 2 ePn	Pn	21 23 20.8 +0.5	GAZI	Gazipasa	6.08 67 iS	Sn	21 25 03.9 -6.7	AKAS	Malin Array B	16.89 8 Pn	P	21 26 26.4 -1.9
APR	Apeiranthos	3.03 2 ePn	Pn	21 23 20.8 +0.5	GAZI	Gazipasa	6.08 67 iS	Sn	21 25 03.9 -6.7	AKAS	Malin Array B	16.89 8 Pn	P	21 26 26.4 -1.9
APR	Apeiranthos	3.03 2 ePn	Pn	21 23 20.8 +0.5	GAZI	Gazipasa	6.08 67 iS	Sn	21 25 03.9 -6.7	AKAS	Malin Array B	16.89 8 Pn	P	21 26 26.4 -1.9
APR	Apeiranthos	3.03 2 ePn	Pn	21 23 20.8 +0.5	GAZI	Gazipasa	6.08 67 iS	Sn	21 25 03.9 -6.7	AKAS	Malin Array B	16.89 8 Pn	P	21 26 26.4 -

9d 21h

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like VRH, VRH, VRH, IPIR, IKLH, etc.

2010 SEP

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like ILAR, PPLA, WRA, etc.

500

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like RDX, RDX, RDX, Esteban Cantu, Punta Banda, etc.

Table with 5 columns: Station Name, Frequency, Power, Modulation, and other parameters. Includes stations like KMRS Kahramanmaras, TAHT Tahtakopru-Hat.

Table for MEX 09 21:54:13.9.0.4, 16.53N, 98.29W, h42km, 8km, MD3.7. Includes stations like PNIG Pinotepa, TLIG Tiapa, VHO Vista Hermosa.

Table for MEX 09 22:27.01.8.0.7, 15.61N, 92.55W, h116km, 13km, MD3.6. Includes stations like PCIG Comitan, CCIG Comitan.

Table for IDC 09 22:29:36.8.1.2, 13.80N, 144.77E, h146km, 11km, mb3.3/6. Includes stations like GUMO Guamo, WRA Warramunga Arr, FITZ Fitzroy Crossi.

Table for IDC 09 22:57:48.9.0.5, 38.29N, 0.03, 22.50E, h23km, 4km. Includes stations like SPX San Pedro Mart, RDX Rancho Dawling, RDX Barrett.

Table for IDC 09 23:32:55.1.46.0, 15.86S, 174.72W, h0km, mb4.4/3. Includes stations like STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs.

Table for IDC 09 23:18:49.3.1.0, 2.56S, 141.26E, h0km, mb3.6/6. Includes stations like PSI Prapat, PALK Palekele, CMAR Chiang Mai Arr, H08S3 Diego Garcia H.

Table for IDC 09 23:18:49.3.1.0, 2.56S, 141.26E, h0km, mb3.6/6. Includes stations like WRA Warramunga Arr, ZALV Zalesovo Beam, GERES GERRS Array B.

Error ellipse: s-maj=24.9km s-min=14.8km az=176.2. ISC 09 23:18:54.5.1.2, 2.65S, 0.1, 140.9E, 0.2, h31km, n14, e1923/8, mb3.5/6, Near north coast of Irian Jaya.

Table for IDC 09 23:29:24.0.0.5, 31.28N, 0.04, 115.66W, 0.04, h8km, 7km. Includes stations like SPX San Pedro Mart, RDX Rancho Dawling, RDX Barrett.

Table for IDC 09 23:32:55.1.46.0, 15.86S, 174.72W, h0km, mb4.4/3. Includes stations like STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs.

Table for IDC 09 23:18:49.3.1.0, 2.56S, 141.26E, h0km, mb3.6/6. Includes stations like PSI Prapat, PALK Palekele, CMAR Chiang Mai Arr, H08S3 Diego Garcia H.

Table for IDC 09 23:18:49.3.1.0, 2.56S, 141.26E, h0km, mb3.6/6. Includes stations like WRA Warramunga Arr, ZALV Zalesovo Beam, GERES GERRS Array B.

Large table listing various stations and their parameters. Includes stations like CNIL Conil, MORF Marneleto, JAY Jayapura, WRA Warramunga Arr, FITZ Fitzroy Crossi, ASAR Alice Springs, H11S3 Wake Island Hy, H11S2 Wake Island Hy, H11S1 Wake Island Hy, H11N1 Wake Island Hy, H11N2 Wake Island Hy, H11N3 Wake Island Hy, MKAR Makanchi Array, VVDA Vanda, BVAR Borovoye Array, ILAR Eielson Array, SPX San Pedro Mart, RDX Rancho Dawling, RDX Barrett, STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, LDG LDG, CSEM CSEM, MDD MDD, SFS SFS, IGL IGL, CNR1 CNR1, INMX INMX, ISC 10 00:09:56.4.1.1, 36.83N, 0.03, 73.22W, 0.03, h41km, 24km, n190, e1947/326, 14C-38D, Strait of Gibraltar.

Table with columns: Station Name, Frequency, Power, SNR, and other technical details. Includes stations like EADA Adamuz, PMRV Marv??, PMAFR Mafr, etc.

Table with columns: Station Name, Frequency, Power, SNR, and other technical details. Includes stations like EHUE Huescar, PVIS Viseu, SESP Santiago Espad, etc.

Table with columns: Station Name, Frequency, Power, SNR, and other technical details. Includes stations like EMOS Mosqueruela, EPON Pontonova, EPON Pontonova, etc.

MEX 10:09:50.0-0.4, 16:42N-98:53W, h17km, 240km, MD4.0. Near coast of Guerrero. Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res.

IDC 10:00:26:29.3: 16.0, 19:71S: 177:80W, h564km, 136km, mb2.8/3, mb1.3/1.3, mb1mx2.8/20, mbtmp3.7/3, Error ellipse: s-maj=281.3km s-min=51.8km az=140.0, Fiji Islands region. Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res.

NIED 10:00:34:00, 34:90N: 137:20E, h38km, Mw3.7. Best double couple: M4.63000:1014 NP1: 295.00000, 878.00000, 179.00000. NP2: 25.00000, 889.00000, 12.00000. JMA 10:00:34:48.4, 34:94N: 137:21E, h36km, Mw3.7, 3C-3D Broadband fault plane solution: P waves. NP1: 204.00000, 888.00000, -1.78.00000. NP2: 294.00000, 884.00000, -1.178.00000. Principal axes: T P1g3.00000, Azm249.00000; N P1g3.00000, Azm6.00000; P P1g3.00000, Azm159.00000; Near south coast of eastern Honshu. Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res.

TSUJ	Tsu 2	0.69 251	↑P	Pn	00 35 01.4	-0.3
TSUJ			eS	Sb	00 35 11.7	+0.6
TK04	Tokai 4	0.78 135	↑P	Pn	00 35 03.1	+0.4
SHZ3	Shizhuka 3	0.83 81	↑P	Pn	00 35 03.4	-0.3
JKN2	Mieko 2	1.04 228	↑P	Pn	00 35 06.2	-0.2
TK02	Tokai 2	1.09 155	↑P	Pn	00 35 05.5	-0.3
TK02			eS	Sb	00 35 20.9	+0.5
TT02	TONANKAI O.B.S	1.21 187	↑P	Pn	00 35 08.6	+0.2
JYN	Shimob	1.23 63	↑P	Pn	00 35 10.0	+0.9
MAT	Matsushiro	1.29 27	↑P	Pn	00 35 18.7	+1.9
MAT			S	Sb	00 35 42.3	+3.9

SKO 10 00:43:38.4, 41.82N, 22.10E, h21km, M2.5, ML3.5
 ATH 10 00:43:38.9, 41.81N, 22.15E, h17km, 1km, ML3.1/11,
 Error ellipse: s-maj=0.6km, s-min=0.8km, az=0.0
 BEO 10 00:43:39.6, 0.3, 41.86N, 22.08E, h3km, ML3.1/1,
 IDC 10 00:43:39.6, 1.0, 41.93N, 22.28E, h0km, mb3.7/5,
 mb1 3.7/11, mb1mx3.5/40, mbtmp3.6/11, ML3.2/6, MS3.3/2,
 Ms1 3.2/2, ms1mx2.3/43, Error ellipse: s-maj=1.72km
 s-min=1.13km, az=36.0

CSEM 10 00:43:39.0, 0.1, 41.84N, 22.10E, h2km, ML3.6, Error
 ellipse: s-maj=2.2km, s-min=1.7km, az=53.0
 PDG 10 00:43:39.2, 0.7, 41.87N, 22.10E, h1km, 1km, ML3.1/11,
 Error ellipse: s-maj=0.8km, s-min=0.8km, az=0.0
 THE 10 00:43:39.5, 41.81N, 22.18E, h2km, 1km, ML3.4/8, Error
 ellipse: s-maj=1.3km, s-min=0.7km, az=19.0
 SOF 10 00:43:40.8, 41.91N, 22.35E, h3km, MD3.1
 PRU 10 00:43:41.3, 41.83N, 22.21E, h0km
 ISC 10 00:43:39.3, 1.1, 41.82N, 0.01, 22.12E, 0.01, h3km, 8km,
 n310, e190/402, mb3.7/4, 40C-33D, Northwestern Balkan

Peninsula		Code	Station Name	A°	AZ°	Phase ID	Time	Res
							h	ISC
							h	ISC
SKO	SKO	0.53 287	↑P	PG	00 43 49.5	0.0		
SKO	SKO	0.53 287	↑P	PG	00 43 55.5	-0.8		
SKO	comp=E, 66nm, 0.7s		eLg	Lg	00 43 56.4			
SKO	comp=N, 80nm, 0.5s		eLg	Lg	00 44 00.0			
SKO	SKO	0.53 287	eP	Pg	00 43 49.0	-0.4		
SKO	SKO	0.53 287	↑P	Pg	00 43 49.0	0.0		
SKO	SKO	0.53 287	↑P	Pg	00 43 49.4	0.0		
SKO	SKO	0.53 287	↑P	Pg	00 43 55.5	-0.8		
SKO	SKO	0.53 287	↑P	Pg	00 43 55.8	+0.5		
SKO	SKO	0.53 287	↑P	Pg	00 44 00.0			
SKO	SKO	0.53 287	↑P	Pg	00 43 49.0	-0.4		
SKO	SKO	0.53 287	↑P	Pg	00 43 56.4	+0.5		
VAY	Valandovo	0.60 146	↑P	PG	00 43 59.8	+1.2		
VAY			eLg	Lg	00 44 02.7			
VAY	comp=N, 3um, 0.5s		eLg	Lg	00 44 02.7			
VAY	Valandovo	0.60 146	↑P	Pg	00 43 50.5	-0.3		
VAY	Valandovo	0.60 146	↑P	Pg	00 43 51.1	+0.3		
VAY	Valandovo	0.60 146	↑P	Pg	00 43 59.3	+0.7		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 00.4	-0.9		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 02.7			
VAY	Valandovo	0.60 146	↑P	Pg	00 43 50.5	-0.3		
VAY	Valandovo	0.60 146	↑P	Pg	00 43 59.3	+0.7		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 00.4	-0.9		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 02.7			
VAY	Valandovo	0.60 146	↑P	Pg	00 43 50.5	-0.3		
VAY	Valandovo	0.60 146	↑P	Pg	00 43 59.3	+0.7		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 00.4	-0.9		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 02.7			
VAY	Valandovo	0.60 146	↑P	Pg	00 43 50.5	-0.3		
VAY	Valandovo	0.60 146	↑P	Pg	00 43 59.3	+0.7		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 00.4	-0.9		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 02.7			
VAY	Valandovo	0.60 146	↑P	Pg	00 43 50.5	-0.3		
VAY	Valandovo	0.60 146	↑P	Pg	00 43 59.3	+0.7		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 00.4	-0.9		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 02.7			
VAY	Valandovo	0.60 146	↑P	Pg	00 43 50.5	-0.3		
VAY	Valandovo	0.60 146	↑P	Pg	00 43 59.3	+0.7		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 00.4	-0.9		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 02.7			
VAY	Valandovo	0.60 146	↑P	Pg	00 43 50.5	-0.3		
VAY	Valandovo	0.60 146	↑P	Pg	00 43 59.3	+0.7		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 00.4	-0.9		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 02.7			
VAY	Valandovo	0.60 146	↑P	Pg	00 43 50.5	-0.3		
VAY	Valandovo	0.60 146	↑P	Pg	00 43 59.3	+0.7		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 00.4	-0.9		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 02.7			
VAY	Valandovo	0.60 146	↑P	Pg	00 43 50.5	-0.3		
VAY	Valandovo	0.60 146	↑P	Pg	00 43 59.3	+0.7		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 00.4	-0.9		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 02.7			
VAY	Valandovo	0.60 146	↑P	Pg	00 43 50.5	-0.3		
VAY	Valandovo	0.60 146	↑P	Pg	00 43 59.3	+0.7		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 00.4	-0.9		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 02.7			
VAY	Valandovo	0.60 146	↑P	Pg	00 43 50.5	-0.3		
VAY	Valandovo	0.60 146	↑P	Pg	00 43 59.3	+0.7		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 00.4	-0.9		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 02.7			
VAY	Valandovo	0.60 146	↑P	Pg	00 43 50.5	-0.3		
VAY	Valandovo	0.60 146	↑P	Pg	00 43 59.3	+0.7		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 00.4	-0.9		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 02.7			
VAY	Valandovo	0.60 146	↑P	Pg	00 43 50.5	-0.3		
VAY	Valandovo	0.60 146	↑P	Pg	00 43 59.3	+0.7		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 00.4	-0.9		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 02.7			
VAY	Valandovo	0.60 146	↑P	Pg	00 43 50.5	-0.3		
VAY	Valandovo	0.60 146	↑P	Pg	00 43 59.3	+0.7		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 00.4	-0.9		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 02.7			
VAY	Valandovo	0.60 146	↑P	Pg	00 43 50.5	-0.3		
VAY	Valandovo	0.60 146	↑P	Pg	00 43 59.3	+0.7		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 00.4	-0.9		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 02.7			
VAY	Valandovo	0.60 146	↑P	Pg	00 43 50.5	-0.3		
VAY	Valandovo	0.60 146	↑P	Pg	00 43 59.3	+0.7		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 00.4	-0.9		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 02.7			
VAY	Valandovo	0.60 146	↑P	Pg	00 43 50.5	-0.3		
VAY	Valandovo	0.60 146	↑P	Pg	00 43 59.3	+0.7		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 00.4	-0.9		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 02.7			
VAY	Valandovo	0.60 146	↑P	Pg	00 43 50.5	-0.3		
VAY	Valandovo	0.60 146	↑P	Pg	00 43 59.3	+0.7		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 00.4	-0.9		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 02.7			
VAY	Valandovo	0.60 146	↑P	Pg	00 43 50.5	-0.3		
VAY	Valandovo	0.60 146	↑P	Pg	00 43 59.3	+0.7		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 00.4	-0.9		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 02.7			
VAY	Valandovo	0.60 146	↑P	Pg	00 43 50.5	-0.3		
VAY	Valandovo	0.60 146	↑P	Pg	00 43 59.3	+0.7		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 00.4	-0.9		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 02.7			
VAY	Valandovo	0.60 146	↑P	Pg	00 43 50.5	-0.3		
VAY	Valandovo	0.60 146	↑P	Pg	00 43 59.3	+0.7		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 00.4	-0.9		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 02.7			
VAY	Valandovo	0.60 146	↑P	Pg	00 43 50.5	-0.3		
VAY	Valandovo	0.60 146	↑P	Pg	00 43 59.3	+0.7		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 00.4	-0.9		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 02.7			
VAY	Valandovo	0.60 146	↑P	Pg	00 43 50.5	-0.3		
VAY	Valandovo	0.60 146	↑P	Pg	00 43 59.3	+0.7		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 00.4	-0.9		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 02.7			
VAY	Valandovo	0.60 146	↑P	Pg	00 43 50.5	-0.3		
VAY	Valandovo	0.60 146	↑P	Pg	00 43 59.3	+0.7		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 00.4	-0.9		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 02.7			
VAY	Valandovo	0.60 146	↑P	Pg	00 43 50.5	-0.3		
VAY	Valandovo	0.60 146	↑P	Pg	00 43 59.3	+0.7		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 00.4	-0.9		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 02.7			
VAY	Valandovo	0.60 146	↑P	Pg	00 43 50.5	-0.3		
VAY	Valandovo	0.60 146	↑P	Pg	00 43 59.3	+0.7		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 00.4	-0.9		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 02.7			
VAY	Valandovo	0.60 146	↑P	Pg	00 43 50.5	-0.3		
VAY	Valandovo	0.60 146	↑P	Pg	00 43 59.3	+0.7		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 00.4	-0.9		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 02.7			
VAY	Valandovo	0.60 146	↑P	Pg	00 43 50.5	-0.3		
VAY	Valandovo	0.60 146	↑P	Pg	00 43 59.3	+0.7		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 00.4	-0.9		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 02.7			
VAY	Valandovo	0.60 146	↑P	Pg	00 43 50.5	-0.3		
VAY	Valandovo	0.60 146	↑P	Pg	00 43 59.3	+0.7		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 00.4	-0.9		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 02.7			
VAY	Valandovo	0.60 146	↑P	Pg	00 43 50.5	-0.3		
VAY	Valandovo	0.60 146	↑P	Pg	00 43 59.3	+0.7		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 00.4	-0.9		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 02.7			
VAY	Valandovo	0.60 146	↑P	Pg	00 43 50.5	-0.3		
VAY	Valandovo	0.60 146	↑P	Pg	00 43 59.3	+0.7		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 00.4	-0.9		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 02.7			
VAY	Valandovo	0.60 146	↑P	Pg	00 43 50.5	-0.3		
VAY	Valandovo	0.60 146	↑P	Pg	00 43 59.3	+0.7		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 00.4	-0.9		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 02.7			
VAY	Valandovo	0.60 146	↑P	Pg	00 43 50.5	-0.3		
VAY	Valandovo	0.60 146	↑P	Pg	00 43 59.3	+0.7		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 00.4	-0.9		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 02.7			
VAY	Valandovo	0.60 146	↑P	Pg	00 43 50.5	-0.3		
VAY	Valandovo	0.60 146	↑P	Pg	00 43 59.3	+0.7		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 00.4	-0.9		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 02.7			
VAY	Valandovo	0.60 146	↑P	Pg	00 43 50.5	-0.3		
VAY	Valandovo	0.60 146	↑P	Pg	00 43 59.3	+0.7		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 00.4	-0.9		
VAY	Valandovo	0.60 146	↑P	Pg	00 44 02.7			
VAY	Valandovo	0.60 146	↑P	Pg	00 43			

10d 3h

NIED 10 01:58:00.44:60N:150.10E,h14km,Mw3.8 Best double couple: Ms=3.30000,1014 NP1=2.26,00000; Ms=3.00000,1.99,00000 NP2=3.55,00000; Ms=4.00000,1.84,00000

MOS 10 01:58:07.5:1.9,44:93N:150.15E,h17km,mb4.2/1, Error ellipse: s-maj=14.2km s-min=11.3km az=135.0

ISCJB 10 01:58:07.9:0.7,44:24N:0.09:150.11E:0.07,h35km, mb3.8/11, Error ellipse: s-maj=13.6km s-min=5.9km az=156.1

IDC 10 01:58:08.2:0.2,45:18N:150.14E,h0km,mb3.8/8, mb1 3.9/11, mb1mx3.6/38,mbtmp3.8/11,ML3.0/2, Error ellipse: s-maj=49.6km s-min=25.4km az=157.0

JMA 10 01:58:09.1:0.6,44:57N:150.08E,h20km,ML0.0

NEIC 10 01:58:09.6:0.8,45:17N:150.17E,h10km,mb4.3/3, Error ellipse: s-maj=19.5km s-min=8.2km az=146.0

ISC 10 01:58:09.0:1.0,44:3N:0.1:150:17E:0.09,h35km,m3.9, s=158/37,mb4.0/11,1C,East of Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Kuril'sk, Nemuro 2, Rausu, Akkeshi, Ashorobuto, etc.

WEL 10 02:03:47.5:0.2,39:13Sx175:19E,h148km,1km,ML4.0/22, 25C=0.0, Error ellipse: s-maj=1.2km s-min=1.2km az=0.0, North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Taurewa, Pokaka, Chateau Observ, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Urewera, Kapiti Island, Birch Farm, Howlsword Station, etc.

KRSK 10 02:15:31.0:0.9,54:49N:161.76E,h23km,12km,ML3.9, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Kizimen, Tumrok, Karymskiy, etc.

ISCJB 10 02:16:25.5:1.1,14:0N:0.1:91:49W:0.06,h63km,10km, Error ellipse: s-maj=18.6km s-min=5.0km az=26.0

MEX 10 02:16:26.8:0.5,13:30N:91.60W,h25km,14km,MD3.8

SPZ 10 02:16:28.0:2.1,14:09N:91.35W,h44km,23km,MD3.5

ISC 10 02:16:24.7:1.9,13:39N:0.1:91:55W:0.07,h65km,14km, n13, s158/23,2C-1D,Near coast of Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Jato, Fuego 3, Pacaya, etc.

IDC 10 02:39:37.7:19.0,3:34N:127.64E,h0km,mb3.7/3, mb1 3.9/3,mb1mx3.4/27,mbtmp3.7/3, Error ellipse: s-maj=313.1km s-min=186.5km az=158.0, Talaud Islands

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

MEX 10 02:53:04.0:0.4,16:45N:98.49W,h16km,999km,MD3.9, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Pinotepe, Tiapa, Vista Hermosa, etc.

SKHL 10 03:06:35.5:0.9,44:16N:148:56E,h50km,3km,mb4.7/4

JMA 10 03:06:36.0:0.6,44:38N:148:10E,h120km,M3.8

ISC 10 03:06:32.3:3.0,44:16N:148:6E:0.2,h92km,21km, n14, s199/21, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Kuril'sk, Nemuro 2, Rausu, etc.

2010 SEP

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes entries like KK31 Karatay Array, TKM2 Tokmak 2, and various other stations.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes entries like PTK Pentek, SVSK Karacayir, and ISCJB 10 04:43:30.9...

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes entries like Vnda Vanda, Rata Rata, RPZ Rata, URZ Urewera, and various other stations.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes entries like WRA Warranguna Arr, WRA WRA, PPT Papeete, and various other stations.

MEX 10 03:32:10.5-0.3, 13.58N-91.66W, h10km, MD3.9

CASC 10 03:32:11.1-1.3, 13.57N-91.35W, h42km, 144km, MD3.5

ISC 10 03:32:07.6-2.9, 13.55N-91.6W, 0.1, h28km, n10,

a1506/12, 1D, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes entries like JAT Jato, FUG Fuego 3, PCG Pacaya, and various other stations.

NEIC 10 03:48:20.7, 16.79N-93.98W, h141km, MD4.2(MEX), After MEX.

MEX 10 03:48:20.7-0.5, 16.79N-93.98W, h141km, 5km, MD4.2, Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes entries like TGIG Tehuacan, PCIG Tehuacan, and various other stations.

ISCJB 10 03:51:26.0-0.4, 37.71N-104.72E, 0.05, h113km, mb3.7/6, Error ellipse: s-maj=6.4km s-min=4.4km

az=147.4

ISC 10 03:51:26.7-3.5, 37.83N-104.72E, h80km, 25km, mb3.5/6, mb1.3/6/13, mb1mx3.4/39, mbtmpp3.9/13, Error ellipse: s-maj=35.2km s-min=16.0km az=153.0

NNC 10 03:51:31.7-1.6, 38.14N-104.72E, h118km, 17km, mb3.0, mpv3.7, Error ellipse: s-maj=15.1km s-min=5.1km az=155.0

ISC 10 03:51:28.2-0.7, 37.84N-104.72E, h113km, n46, a2616/51, mb3.8/6, 12C-3D, Tajikistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes entries like SFK Sufi-Kurgan, DZET Dzerhinov, and various other stations.

ISC 10 04:03:16.3-1.8, 8.58S, 127.64E, h0km, mb3.7/1, mb1.4/3, mb1mx3.8/20, mbtmpp4.1/3, M4.2, Error ellipse: s-maj=120.4km s-min=25.3km az=63.0

ISC 10 04:03:17.8-0.8, 8.28S, 128.01E, h0.09, h33km, mb3.7/1, Error ellipse: s-maj=13.0km s-min=8.6km az=159.3

AUST 10 04:03:24.6-0.6, 8.37S, 127.74E, h183km, Error ellipse: s-maj=1.3km s-min=0.9km az=10.0

ISC 10 04:03:19.6-1.0, 8.27S, 128.2E, 0.1, h35km, n14, a1967/12, Timor Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes entries like SOEI Soe, MTN Mantion Dam, KDU Kakadu, and various other stations.

ISCJB 10 04:13:01.0-0.7, 38.72N-104.38E, 0.05, h9km, Error ellipse: s-maj=7.3km s-min=4.6km az=138.0

CSEM 10 04:13:00.8-0.3, 38.70N-104.38E, h12km, MD2.7, Error ellipse: s-maj=10.7km s-min=6.2km az=129.0

DDA 10 04:13:01.1, 38.72N-38.02E, h7km, MD2.7

ISC 10 04:13:00.8-1.1, 38.71N-104.38E, 0.04, h9km, n11, a5411/18, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes entries like AKCD Akcadag, AKCD Akcadag, and various other stations.

ISCJB 10 04:13:01.0-0.7, 38.72N-104.38E, 0.05, h9km, Error ellipse: s-maj=7.3km s-min=4.6km az=138.0

CSEM 10 04:13:00.8-0.3, 38.70N-104.38E, h12km, MD2.7, Error ellipse: s-maj=10.7km s-min=6.2km az=129.0

DDA 10 04:13:01.1, 38.72N-38.02E, h7km, MD2.7

ISC 10 04:13:00.8-1.1, 38.71N-104.38E, 0.04, h9km, n11, a5411/18, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes entries like AKCD Akcadag, AKCD Akcadag, and various other stations.

ISCJB 10 04:43:30.9-0.5, 36.84N-0.03-71.69E, 0.06, h106km, mb3.3/2, Error ellipse: s-maj=6.8km s-min=4.2km az=152.9

ISC 10 04:43:34.3-5.5, 37.17N-71.63E, h128km, 41km, mb3.3/2, mb1.3/2/9, mb1mx3.0/46, mbtmpp3.7/9, MS3.1/1, Ms1.1/1, ms1mx2.3/23, Error ellipse: s-maj=61.1km s-min=18.7km az=152.0

NNC 10 04:43:39.2-1.2, 37.37N-71.53E, h131km, 13km, mb3.4, mpv4.2, Error ellipse: s-maj=10.9km s-min=4.2km az=160.0

ISC 10 04:43:31.4-0.7, 36.91N-106.717E, 0.06, h106km, n40, a1998/46, 9C-6D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes entries like DZET Dzerhinov, DZET Dzerhinov, SFK Sufi-Kurgan, and various other stations.

MEX 10 04:50:53.0-0.7, 17.30N-101.49W, h24km, 16km, MD4.1, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes entries like ZIIG Zihuatanejo, CAIG El Cayaco, and various other stations.

ISCJB 10 05:00:10.9-1.3, 5.5S-0.1, 145.7E, 0.1, h100km, mb3.4/3, Error ellipse: s-maj=18.5km s-min=11.5km az=139.3

ISC 10 05:00:13.2-1.2, 5.45S-145.69E, h116km, 7km, mb3.2/3, mb1.3/6, mb1mx3.3/32, mbtmpp3.9/6, Error ellipse: s-maj=37.0km s-min=16.7km az=122.0

AUST 10 05:00:23.1, 5.29S-145.10E, h100km

ISC 10 05:00:12.1, 5.45S-0.1, 145.8E, 0.1, h100km, n15, a1891/18, mb3.4/3, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes entries like PMG Port Moresby, PMG Port Moresby, and various other stations.

10d 6h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Kadaku, Manton Dam, Warramunga Arr, etc.

ISCJB 10 05:02:06.4±0.1, 20.23N±0.04, 62.24W±0.03, h6km±6km, Error ellipse: s-maj=6.4km s-min=3.8km az=156.2

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Guiria, Chacachacare, Guanoco, etc.

IDC 10 05:10:20.7±3.2, 5.21S±151.89E, h0km, mb3.4/3, mb1 3.7/3, mb1mx3.3/37, mbtmp3.5/3, Error ellipse: s-maj=115.5km s-min=46.1km az=122.0, New Britain region

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

BJI 10 05:11:52.8, 35.73N±79.61E, h12km, mb3.7/1, ML3.6/6 NNC 10 05:11:54.6±1.3, 36.73N±90.19E, h0km, mb3.3/3, mb3.5/3, Error ellipse: s-maj=54.2km s-min=53.1km az=171.0

ISCJB 10 05:11:57.0±1.7, 36.4N±0.1, 79.5E±0.1, h10km, Error ellipse: s-maj=18.4km s-min=12.3km az=179.0

ISC 10 05:11:59.5±1.7, 36.4N±0.1, 79.53E±0.09, h10km, n8, ±157/12, 7C-6D, Southern Xinjiang

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Kashi, Sufi-Kurgan, SFK, etc.

IDC 10 05:12:23.2±8.3, 17.28S±178.62W, h552km±100km, mb3.1/6, mb1 3.4/6, mb1mx3.0/36, mbtmp4.0/6, Error ellipse: s-maj=106.7km s-min=31.4km az=153.0, Fiji Islands region

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

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ISCJB 10 05:19:02.1±0.7, 5.55S±0.08±104.27E±0.09, h97km±6km, mb3.6/6, Error ellipse: s-maj=19.2km s-min=7.1km az=139.5

DJA 10 05:19:04.6±0.4, 6.54±10.4E±1.1, h43km±6km, M3.7/2, ML3.7/2

IDC 10 05:19:05.1±7.1, 5.39S±104.40E, h109km±46km, mb3.3/6, mb1 3.5/7, mb1mx3.2/31, mbtmp3.7/7, MS3.3/1, Ms1 3.3/1, ms1mx2.6/21, Error ellipse: s-maj=135.6km s-min=18.5km az=57.0

ISC 10 05:19:02.2±1.0, 5.61S±0.06±104.24E±0.09, h78km±7km, n9, ±158/24, mb3.6/6, Southern Sumatara

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Kota Agung, Kota, Liwa, etc.

WEL 10 05:38:46.7±0.1, 43.63S±172.40E, h8km, ML3.5/14, 3C-2D, Error ellipse: s-maj=0.4km s-min=0.4km az=90.0, South Island

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

MOS 10 05:44:50.9±1.0, 53.04N±107.17E, h9km, mb4.3/1, Error ellipse: s-maj=36.4km s-min=12.6km az=56.1

BYKL 10 05:44:51.6±0.3, 53.02N±107.24E, Error ellipse: s-maj=36.4km s-min=12.6km az=56.1

ISC 10 05:44:50.2±0.7, 52.97N±102.107.38E±0.03, h10km, n32, ±177/75, 4C-8D, Lake Baykal region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Tyrgan, TRG, OGRG, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Suvo, Listvyanka, Talaya, etc.

WEL 10 06:22:25.1±0.1, 43.60S±172.21E, h10km, ML3.7/18, 3C-2D, Error ellipse: s-maj=0.5km s-min=0.5km az=90.0,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Canterbury Las, Oxford, McQueen's Vall, Lake Taylor, Rata Peaks, Waitaha Valley, Kahutara, Lake Benmore, Otahua Downs, Fox Glacier, Tophouse, Blackbirch Sta, Jackson Bay, Wanaka, Earnsclough, Quartz Range, Tory Channel, Tuapeka, Cannon Point.

GUC 10 06:27:59.2-0.6, 35:36S:72.62W, h11km, 4km, ML3.8, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TALC Talca, LNCH Linares, NICH Los Niches, U73B San Pedro, CHCH Chadas Angostu, CLCH Cerro Calan, PEL Pelehuera, ROCH El Roble.

ISCJB 10 06:31:42.9-0.6, 6:23S:0.05:130.2E:0.1, h146km, mb3.2/1, Error ellipse: s-maj=18.8km s-min=7.4km az=3.6

AUST 10 06:31:44.0, 6:48S:130.03E, h100km, mb3.1/1, IDC 10 06:31:43.7-2.4, 6:22S:130.56E, h155km, 28km, mb3.1/1, s-maj=55.9km s-min=15.5km az=81, Error ellipse:

ISC 10 06:31:42.3-0.7, 6:33S:0.06:130.3E:0.1, h146km, n13, az=288/14, Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FAKI Fak Fak, SIJI Sorong, SIJI Sorong, MTN Mantong Dam, KADU Kakadu, KNRA Kunurra, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Ashikawa, WRKA Warakuma, PMBI Palembang, MKAR Makanchi Array.

NIED 10 07:02:00.36:70N:141:30E, h32km, Mw3.8 Best double couple: Ms0.060000, 1014 NP1.351, 000000, 815, 000000, lambda-140.000000, NP2.222, 000000, 880, 000000, lambda-78.000000.

ISCJB 10 07:02:04.6-0.5, 36:64N:0.03:141:45E:0.04, h26km, mb3.8/9, MS3.0/4, Error ellipse: s-maj=1.5km s-min=4.3km az=176

JMA 10 07:02:07.6:0.1, 36:69N:141:24E, h45km, 1km, M4.0, IDC 10 07:02:10.2-4.2, 36:54N:141:32E, h58km, 22km, mb3.6/9, mb1.3/9/14, mb1mx3.6/6, mbtmp4.0/14, ML3.3/4, MS2.9/7, Ms1.2/9.7, ms1mx2.7/39, Error ellipse: s-maj=19.6km s-min=10.6km az=63.0

ISC 10 07:02:06.3-0.7, 36:67N:0.04:141:38E:0.05, h26km, n37, az=99/35, mb3.7/9, MS3.1/4, 1C-5D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ONAJ Iwakimizuishiy, JHO Hitachi, JYK Kawachi, JFT Yawata, JYT Otama, JFT Marumori, JFY Yanaizu, JAG Ashikaga.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JAG Katashina, MJAR Matsushiro Arr, MJAR Matsushiro, MJAR Matushiro, MAT Matsushiro, JHU Hachioji jima 2, ASAJ Ashikawa, JNU Nakatsue, JCU Chichijima, JCY Ussuriysk Ar., KSRS Korea Array, KSRS Korea Array, PETK Petropavlovsk, SOMN Songino Array, H112 WAKE ISLAND Hy, H111 WAKE ISLAND Hy, H113 WAKE ISLAND Hy, H115 WAKE ISLAND Hy, H11S2 WAKE ISLAND Hy, TLY Talaya, ZALV Zalesovo Beam, MKAR Makanchi Array, KURB Kurchatov Arr, ILAR Eielson Array, WRA Warramunga Arr, ASAR Ale Springs, NOA NORPAR Array B, NVAR Mina Array Bea, DAVOX Davos/Dischmat, TXAR Lajitas Array, LPAZ La Paz.

CSEM 10 07:11:44.8-0.1, 42:66N:23:32E, h2km, MD3.5, Error ellipse: s-maj=2.2km s-min=1.7km az=61.0

BEO 10 07:11:44.4-0.7, 42:61N:23:42E, h9km, 2km, ML3.1/8, MFB 10 07:11:44.3, 42:63N:23:38E, h4km, MD3.5, THE 10 07:11:45.0, 42:67N:23:29E, h1km, 2km, ML3.9/5, Error ellipse: s-maj=2.9km s-min=1.1km az=351.0

ISC 10 07:11:44.7-0.9, 42:66N:0.01:23:35E:0.02, h3km, 6km, n217, az=125/269, 30C-22D, Bulgaria

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SOF Sofiya, VTS Vitoshka, VTS Vitoshka, VTS Vitoshka, PGB Panagyurishte, PGP Panagyurishte, MPE Malo Peshtene, KKB Krupnik, KKB Krupnik, ZAPS Zavoj, MMB Musomiste, MMB Musomiste, PLD Plovdiv, PLD Plovdiv, BARS Barje, BARS Barje, NVR Nevrokopi, NVR Nevrokopi, NVR Nevrokopi, RZN Rozhen, RZN Rozhen, VAY Valandovo, VAY Valandovo, VAY Valandovo, VAY Valandovo, KNT Kendrickon, KNT Kendrickon, KNT Kendrickon, KNT Kendrickon, SRS Serrai, SRS Serrai, SRS Serrai, BOLS Boljevac, BOLS Boljevac, PVL Pavlikeni, SKO Skopje, SKO Skopje, SKO Skopje, SKO Skopje, SKO Skopje, CRAR CRAIOVA, CRAR CRAIOVA, DIM Dimitrovgrad, DIM Dimitrovgrad, SELS Selva, ZIMR Zimri, SOH Sokhos, SOH Sokhos, SOH Sokhos, KDZ Kurdzhali, KDZ Kurdzhali, SZH Strazhica, SZH Strazhica, SRE Strelhiza, SRE Strelhiza, THE Thessaloniki, HORT Hortiatis, HORT Hortiatis, HORT Hortiatis, HORT Hortiatis.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RMGR Halanga-Turnu, RMGR Halanga-Turnu, DJES Djerdap, KURS Kucevo, KURS Kucevo, HUMR Humele, HUMR Humele, PLG Polygyros, PLG Polygyros, GRUS Gruza, GRUS Gruza, GRUS Gruza, OUR Ouranopolis, OUR Ouranopolis, OUR Ouranopolis, FNA Florina, FNA Florina, FNA Florina, OHR Ohrid, OHR Ohrid, IVAS Ivanjica, IVAS Ivanjica, IVAS Ivanjica, SJES Sjenica, KZN Kozani, EDRB Edirne, EDRB Edirne, TRUS Trudelj, TRUS Trudelj, ALN Alexandroupoli, ALN Alexandroupoli, ALN Alexandroupoli, PAIG Paliouri, PAIG Paliouri, GZR Gura Zlata, GZR Gura Zlata, GZR Gura Zlata, LOT Lotru, LOT Lotru, ENEZ Enez, ENEZ Enez, DIVS Divibare, DIVS Divibare, DIVS Divibare, SULR Sulina, SULR Sulina, PRV Provadia, PRV Provadia, VOIR Voiron, VOIR Voiron, LIA Limnos Island, LIA Limnos Island, GADA Gvkggeada, GADA Gvkggeada, BBSL BLSIći, BANR Banloc, BANR Banloc, BZS Buzias, BZS Buzias, BZS Buzias, DEV Deva, DEV Deva, THV Thriakia, THV Thriakia, XEO Xorichti, XEO Xorichti, ISR Istrita, ISR Istrita, MLR Muntele Rosu, MLR Muntele Rosu, LRP Lapseki, LRP Lapseki, BOZC Bozcaada, BOZC Bozcaada, AOS Alonnisos, AOS Alonnisos, MSAB Monastir St. A, MSAB Monastir St. A, DOPR Dopca, DOPR Dopca, AGG Agios Georgios, AGG Agios Georgios, MRMT Marmara Adasi, MRMT Marmara Adasi, HARR Harsova, HARR Harsova, TLR Topalu, TLR Topalu, SIGR Sigiri, SIGR Sigiri, PLOR Plostina, PLOR Plostina, CJR Cluj-Napoca, CJR Cluj-Napoca, TIRR Tirusor, TIRR Tirusor, DRGR Dursunbey, DRGR Dursunbey, AYVA Ayvalik, AYVA Ayvalik, CFR Carcalui, CFR Carcalui, CFR Carcalui, CFR Carcalui, DKL Dikili, DKL Dikili, ISK Istanbul-Kandi, ISK Istanbul-Kandi, ARMT Armutlu, ARMT Armutlu, CHOS Chos island, CHOS Chos island, PKSM Moragy, PKSM Moragy, GEMT Gemlik, GEMT Gemlik, DURS Dursunbey, DURS Dursunbey, ULDT Uludag, ULDT Uludag.

10d 7h

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AKHS Akhisar, BURAR Bucovina Array, IZIK Iznik, etc.

IDC 10 07:12:50.3±1.3, 7.28S, 129.38E, h0km, mb4.0/3, mb1 3.9/6, mb1mx3.6/34, mbrtmp3.8/6, ML3.6/3, Error ellipse: s-maj=75.0km s-min=20.7km az=70.0

ISCJBJ 10 07:12:59.0±0.6, 7.75S, 0.06±129.25E±0.10, h100km, mb3.9/4, Error ellipse: s-maj=14.0km s-min=7.8km az=19.2

NEIC 10 07:13:00.4±1.2, 7.72S, 129.19E, h90km, mb4.3/2, Error ellipse: s-maj=17.8km s-min=12.5km az=90.0

ISC 10 07:13:00.1±0.9, 7.84S, 0.06±129.25E±0.1, h100km, n13, ±2503/16, mb3.9/4, Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SOEI Soe, FITZ Fitzroy Crossi, WRAB Tennant Creek, etc.

BYKL 10 07:15:01.4±0.3, 54.16N, 110.80E, h13km, 9km MOS 10 07:15:01.5±1.4, 54.16N, 110.70E, h15km, mb4.5/1, Error ellipse: s-maj=13.6km s-min=6.9km az=72.8

IDC 10 07:15:01.2±1.9, 54.13N, 110.72E, h0km, mb3.6/3, mb1 3.5/8, mb1mx3.4/46, mbrtmp3.5/8, ML3.0/4, Error ellipse: s-maj=36.0km s-min=18.6km az=126.0

ISC 10 07:15:00.3±1.1, 54.15N, 0.02±110.77E±0.03, h2km, 9km, n53, ±154/87, mb3.6/3, 7C-8D, Lake Baykal region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SYVR Suvo, YLYR Ulyunkhan, KMO Kumora, NIZ Nizh Angarsk, etc.

2010 SEP

Main table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OGRR, YOA Uoyan, SVKR Severomuyusk, CIT Chita, UYUD Ulan-Yde, TRG Tyrgan, KAB Kabansk, HRMR Khuramsha, BOD Bodaibo, IRK Irkutsk, TLY Talaya, etc.

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Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ARS, ZAK Zakamensk, MOY Mondy, ULN Ulaanbaatar, etc.

JMA 10 07:15:58.8, 35°40'N, 136°03'E, h14km±1km, M2.8, 4C-4D, Western Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JFM Mihama, JEG Eigenji, JWT Wachi, etc.

ISCJBJ 10 07:17:02.7±0.4, 54.09N, 0.02±110.76E±0.05, h10km, Error ellipse: s-maj=4.5km s-min=2.4km az=35.5

MOS 10 07:17:07.3±1.5, 54.13N, 110.84E, h2km, mb4.3/1, Error ellipse: s-maj=48.3km s-min=22.4km az=59.6

BYKL 10 07:17:07.8±0.4, 54.17N, 110.78E, h10km, n30, ±255/42, 2C-3D, Lake Baykal region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SYVR Suvo, YLYR Ulyunkhan, KMO Kumora, NIZ Nizh Angarsk, etc.

10d 13h

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

2010 SEP

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

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Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Rabaul, Port Moresby, Mount Surprise, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MYR Shipunski, GANALY, KIL Karymskiy, etc.

GUC 10 13:58:12.4-0.5, 21°50'S-68°2'W, h133km, d4km, ML3.8, 3C, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PB09 IPOC Station P, PB01 IPOC Station P, etc.

IDC 10 14:06:00.2-1.4, 0.05N-98°11'E, h0km, mb3.7/6, mb1 3.8/8, mb1mx3.5/42, mbmp3.7/8, ML3.7/2, MS3.1/3, 1/3, ms1mx2.6/44, Error ellipse: s-maj=53.2km s-min=18.9km az=63.0

ISCJB 10 14:06:03.0-0.9, 0.05N-0.08-97°97'E:0.07, h30km, mb3.7/6, MS3.3/1, Error ellipse: s-maj=12.6km s-min=7.8km az=42.4

DJA 10 14:06:04.7-0.6, 0.12N-98°8'E, h10km, M3.7/7, MLV3.7/7, ISC 10 14:06:03.8-1.0, 0.02N-0.06-97°84'E:0.07, h30km, n21, a159/20, mb3.8/6, Northern Sumatera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like GSI Gunungsitoli, MNSI Mandailing Nat, SISI Saibi, etc.

ISK 10 14:13:48.5, 37°28'N-29°34'E, h24km, MD2.6, ISCJB 10 14:13:49.0, 0.6, 37°25'N-29°37'E:0.06, h3km, 12km, Error ellipse: s-maj=6.7km s-min=5.2km az=17.5

CSEM 10 14:13:49.6, 0.3, 37°28'N-29°37'E, h10km, MD2.6, Error ellipse: s-maj=6.0km s-min=4.9km az=116.0

DDA 10 14:13:50.0, 37°28'N-29°37'E, h7km, MD2.5, ISC 10 14:13:49.7, 1.2, 37°28'N-29°37'E:0.04, h9km, 14km, n14, c051/24, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like DENT Denizli, KHL Karahalli, KHAL Karahalli, etc.

WEL 10 14:15:37.0-0.1, 43°50'S-172°16'E, h5km, ML3.6, 1/2C-1D, Error ellipse: s-maj=0.5km s-min=0.4km az=90.0, South Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like OXF Oxford, RPT Rata Peaks, RPT Lake Taylor, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LBZ Lake Benmore, FOX Glacier, OTAHUA Downs, DENNISTON Nort, etc.

IDC 10 14:21:14.9-6.8, 43°67'N-45°35'E, h0km, Error ellipse: s-maj=218.7km s-min=44.5km az=3.0, Eastern Caucasus

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KBZ Khabaz, I31KZ Anikym, I43RU DUBNA INFRASOUND, etc.

IDC 10 14:26:30.7-2.3, 2°35'N-96°36'E, h0km, mb3.6/4, mb1 3.7/6, mb1mx3.4/41, mbmp3.5/6, ML3.3/2, Error ellipse: s-maj=61.6km s-min=24.7km az=50.0

ISCJB 10 14:26:33.7-0.9, 2°08'N-0.07-96°60'E:0.06, h58km, 7km, mb3.6/4, Error ellipse: s-maj=13.6km s-min=7.3km az=43.3

DJA 10 14:26:34.1-1.0, 2°N-5°9'E, h47km, 9km, M3.1/4, MLV3.1/4

ISC 10 14:26:35.3-1.2, 2°15'N-0°07-96°59'E:0.07, h50km, 11km, n16, c141/16, mb3.7/4, Northern Sumatera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SNSI Sinabang, KCSI Kutaneac, MLSI Meulaboh, etc.

DJA 10 14:33:38.0-3.8, 8°S-3°12'E, h67km, 26km, M4.5/18, mb4.3/14, mb5.1/4, MLV4.5/18, MW(MB)4.5/4

ISCJB 10 14:33:44.8-0.4, 8°05'S-0.05-123°84'E:0.06, h10km, mb3.9/5, MS3.0/5, Error ellipse: s-maj=10.1km s-min=4.3km az=140.0

IDC 10 14:33:44.8-1.1, 7°28'S-124°18'E, h0km, mb3.8/4, mb1 4.2/9, mb1mx3.9/36, mbtm4.0/9, ML3.9/5, MS3.1/8, Ms1 3.1/8, ms1mx2.9/29, Error ellipse: s-maj=43.9km s-min=16.3km az=74.0

AUST 10 14:33:46.5-3.2, 8°16'S-123°80'E, h1km, Error ellipse: s-maj=1.2km s-min=0.7km az=231.0

NEIC 10 14:33:47.0-0.6, 8°08'S-123°86'E, h20km, mb4.1/1, Error ellipse: s-maj=16.8km s-min=8.2km az=55.0

ISC 10 14:33:47.1-0.6, 8°08'S-0.05-123°81'E:0.05, h10km, n49, c1965/47, mb4.2/5, MS3.1/5, Flores region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MMRI Maumere, SOEI Soe, SOEI Baumata, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, MBWA Marble Bar, WRA Warrungarra Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like QIS Mount Isa, MTSU Mount Surprise, PMG Port Moresby, etc.

DJA 10 14:38:10.8-0.4, 9°S-4°12'E, h93km, 8km, M3.9/14, mb4.0/2, MLV4.0/1, MLV3.7/14, Flores region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like EDFI Ende, WSI Waingapu, BSI Baubau, etc.

IDC 10 14:46:45.2-0.9, 8°11'N-58°41'E, h0km, mb3.7/8, mb1 3.8/8, mb1mx3.6/32, mbmp3.7/8, MS3.4/4, Ms1 3.4/4, ms1mx2.9/35, Error ellipse: s-maj=28.4km s-min=22.4km az=172.0

ISCJB 10 14:46:47.5-0.8, 8°2'N-0.2-58°48'E:0.1, h25km, mb3.6/8, MS3.3/4, Error ellipse: s-maj=24.8km s-min=17.4km az=161.7

ISC 10 14:46:49.1-1.0, 8°1'N-0.2-58°48'E:0.2, h25km, n14, c090/8, mb3.7/8, MS3.3/4, Carlsberg Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like H08N2 Diego Garcia H, H08N1 Diego Garcia H, H08N3 Diego Garcia H, etc.

ISCJB 10 15:08:22.2-0.7, 37°29'N-127°47'E:0.04, h7km, 7km, Error ellipse: s-maj=7.1km s-min=5.1km az=161.9

CSEM 10 15:08:22.5-0.2, 37°29'N-127°49'E, h10km, MD2.6, Error ellipse: s-maj=4.1km s-min=3.0km az=96.0

ISC 10 15:08:22.4, 37°29'N-127°49'E, h7km, MD2.6, ISC 10 15:08:22.5-1.0, 37°29'N-127°48'E:0.03, h14km, 10km, n21, c0942/34, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like AYDB Zeytin koy-Aydi, AYDB Zeytin koy-Aydi, AYDN Tasoluk, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LK2D, LK2D, LK2D, University Cam, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BVAR, FINES, ARCES, TXAR, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GUC, U65B, NICH, TALC, etc.

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ISCJB, IDC, DIA, etc.

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

RAMN	Ramite	5.05 314	ePn	Pn	17 25 34.8	+1.8	
RAMN	Ramite	5.05 314	ePn	Pn	17 25 34.7	+1.8	
GUN	Gumba	6.18 317	ePn	Pn	17 25 50.6	+2.1	
GUN	Gumba	6.18 317	ePn	Pn	17 25 50.0	+1.5	
LSA	Lhasa	6.22 4	eP	P	17 25 50.8	+1.7	
LSA	Lhasa	6.22 4	eP	P	17 25 49.9	+0.8	
LSA	comp=Z,143nm,0.6s	6.22	4	ePn	Pn	17 25 49.9	+0.8
LSA	comp=Z,143nm,0.6s						
PKI	Pulchoki	6.26 312	ePn	Pn	17 27 00.8	+0.5	
PKI	Pulchoki	6.26 312	ePn	Pn	17 25 51.1	+1.5	
PKI	Pulchoki	6.26 312	ePn	Pn	17 25 51.1	+1.5	
PKIN	Phulchoki	6.27 312	ePn	Pn	17 25 51.2	+1.4	
PKIN	Phulchoki	6.27 312	ePn	Pn	17 25 51.1	+1.3	
KKN	Kakani	6.49 313	ePn	Pn	17 25 54.8	+2.1	
KKN	Kakani	6.49 313	ePn	Pn	17 25 53.7	+1.0	
DMN	Daman	6.50 310	ePn	Pn	17 25 54.0	+1.2	
DMN	Daman	6.50 310	ePn	Pn	17 25 54.4	+1.6	
GKN	Gorkha	7.06 311	ePn	Pn	17 26 01.5	+1.0	
GKN	Gorkha	7.06 311	ePn	Pn	17 27 06.1	-1.5	
GKN	comp=Z,1.1um,0.7s						
GKN	Gorkha	7.06 311	ePn	Pn	17 26 01.6	+1.0	
KOLN	Koldanda	7.68 305	ePn	Pn	17 26 09.8	+0.8	
KOLN	Koldanda	7.68 305	ePn	Pn	17 27 21.0	-1.5	
KOLN	comp=Z,788nm,0.5s						
KOLN	Koldanda	7.68 305	ePn	Pn	17 26 10.0	+1.0	
KOLN	Koldanda	7.68 305	ePn	Pn	17 27 33.5	-2.5	
DANN	Dangsing	7.89 309	ePn	Pn	17 26 13.1	+1.1	
DANN	Dangsing	7.89 309	ePn	Pn	17 27 26.7	-1.5	
DANN	comp=Z,219nm,0.9s						
DANN	Dangsing	7.89 309	ePn	Pn	17 26 12.5	+0.5	
DANN	Dangsing	7.89 309	ePn	Pn	17 27 37.5	-3.8	
CHLP	Challavanipeta	7.91 233	ePn	IAMB	17 26 12.3	+0.3	
CHLP	Challavanipeta	7.91 233	ePn	IAMB	17 26 13.7		
CHLP	comp=Z,47nm,0.8s						
CHLP	Challavanipeta	7.91 233	ePn	IAMB	17 27 37.2	-4.2	
CHLP	Challavanipeta	7.91 233	ePn	IAMB	17 30 16.3		
CMAI	Chiangmai2	8.55 113	P	Pn	17 26 21.6	+0.7	
MHMT	Maesarieng	8.60 126	P	Pn	17 26 21.6	+0.2	
VIS	Vishakhatnam	8.94 232	eP	Pn	17 26 24.8	-1.4	
VIS	Vishakhatnam	8.94 232	eP	Pn	17 27 58.8	-8.0	
CHTO	Chiang Mai	9.01 119	eP	Pn	17 26 25.5	-0.6	
CHTO	Chiang Mai	9.01 119	eP	Pn	17 26 25.6	-1.5	
CHTO	Chiang Mai	9.01 119	eP	Pn	17 26 25.5	-0.6	
CMMT	Chiang Mai	9.01 119	eP	Pn	17 26 25.5	-0.6	
CM31	Chiang Mai Arr	9.20 121	ePn	Pn	17 26 29.5	-0.2	
CMAR	Chiang Mai Arr	9.20 121	ePn	Pn	17 26 28.1	-1.6	
CMAR	comp=Z,1.1nm,0.3s,baz=306,slow=13,SNR=61						
CMAR	Chiang Mai Arr	9.20 121	ePn	Pn	17 28 11.8	-1.3	
CMAR	comp=Z,286,slow=27,SNR=1.6						
CMAR	Chiang Mai Arr	9.23 121	ePn	Pn	17 26 28.9	-1.3	
CM01	Chiang Mai Arr	9.23 121	ePn	Pn	17 26 31.4	-3.4	
CRAI	Chiangrai	9.57 108	P	Pn	17 26 37.1	+0.5	
LAMP	Lampang	9.71 119	eP	Pn	17 26 37.2	+0.5	
LAMP	comp=Z,8.3nm,1.1s,comp=Z,158nm,comp=Z,0.1nm						
DGPR	DIGLIPUR	10.46 168	eP	Pn	17 26 45.2	-1.8	
DGPR	DIGLIPUR	10.46 168	eP	Pn	17 28 34.7	-9.4	
PVM	Polavaram	10.50 236	ePn	IAMB	17 26 48.3	+0.7	
PVM	Polavaram	10.50 236	ePn	IAMB	17 26 50.8		
PVM	comp=Z,36nm,0.6s						
PVM	Polavaram	10.50 236	ePn	IAMB	17 28 40.7		
PVM	Polavaram	10.50 236	ePn	IAMB	17 28 46.2	+1.2	
PVM	Polavaram	10.50 236	ePn	IAMB	17 30 27.4		
UMPA	Umpang Tak	10.57 132	P	Pn	17 26 50.8	+2.3	
UMPA	comp=Z,14nm,0.8s,comp=Z,151nm						
UTTA	Uttaradit	10.87 120	P	Pn	17 26 54.2	+1.6	
UTTA	comp=Z,7.8nm,0.9s,comp=Z,9.1nm						
NGP	Nagpur	11.00 260	eP	Pn	17 26 53.0	-1.4	
NGP	Nagpur	11.00 260	eP	Pn	17 28 50.8	-6.6	
LGTI	Laghaghat	11.07 305	eP	Pn	17 26 54.4	-0.9	
LGTI	Laghaghat	11.07 305	eP	Pn	17 29 09.6	+1.1	
KMI	Kunming	11.13 79	eP	Pn	17 27 01.6	+5.2	
KMI	Kunming	11.13 79	eP	Pn	17 29 07.5	+6.7	
KMI	comp=Z,7.0nm,0.9s						
KMI	Kunming	11.13 79	eP	Pn	17 27 01.1	-1.0	
KMI	Kunming	11.13 79	eP	Pn	17 27 04.8		
KMI	comp=Z,170nm,11.2s						
KMI	Kunming	11.13 79	eP	Pn	17 29 02.0		
KMI	Kunming	11.13 79	eP	Pn	17 29 10.7	-0.4	
KMI	Kunming	11.13 79	eP	Pn	17 29 02.0		
PTH	Pithoragarh	11.14 305	eP	Pn	17 26 53.8	-2.7	
PTH	Pithoragarh	11.14 305	eP	Pn	17 29 01.2	+0.2	
JHNI	Jhansi	11.22 283	eP	Pn	17 26 56.0	-1.4	
JHNI	Jhansi	11.22 283	eP	Pn	17 30 09.0		
JHNI	Jhansi	11.22 283	eP	Pn	17 26 59.8	-0.3	
UTHA	Uthaitani	11.42 132	P	Pn	17 27 01.1	-1.0	
UTHA	comp=Z,24nm,0.9s,comp=Z,202nm						
RPR	Rampur	11.56 249	ePn	IAMB	17 27 04.8		
RPR	Rampur	11.56 249	ePn	IAMB	17 29 02.0		
RPR	comp=Z,13nm,0.6s						
RPR	Rampur	11.56 249	ePn	IAMB	17 29 10.7	-0.4	
RPR	Rampur	11.56 249	ePn	IAMB	17 30 41.7		
LOEI	Loei	11.56 119	P	Pn	17 27 06.3	+4.2	
LOEI	comp=Z,89nm,0.7s						
PBA	Port Blair	11.92 170	eP	Pn	17 27 05.9	-1.0	
PBA	Port Blair	11.92 170	eP	Pn	17 29 10.7	-9.2	
SRDT	SRDT	12.09 137	eP	Pn	17 27 16.8	-5.3	
SRDT	comp=Z,84nm,1.2s,comp=Z,3um						
BHPL	Bhopal	12.17 272	eP	Pn	17 27 09.5	-0.9	
SRSP	Sriramsagar	12.35 251	ePn	IAMB	17 27 11.6	-1.3	
SRSP	Sriramsagar	12.35 251	ePn	IAMB	17 27 15.9		
SRSP	comp=Z,27nm,0.5s						
SRSP	Sriramsagar	12.35 251	ePn	IAMB	17 29 17.7		
SRSP	Sriramsagar	12.35 251	ePn	IAMB	17 29 33.1	+2.6	
SRSP	Sriramsagar	12.35 251	ePn	IAMB	17 32 17.3		
SLVN	Son La	12.43 97	ePn	Pn	17 27 20.7	-5.2	
ADKI	Adanki	12.61 235	ePn	IAMB	17 27 16.0	-0.4	
ADKI	Adanki	12.61 235	ePn	IAMB	17 27 18.2		
ADKI	comp=Z,72nm,1.1s						
ADKI	Adanki	12.61 235	ePn	IAMB	17 29 37.2	+0.4	
ADKI	Adanki	12.61 235	ePn	IAMB	17 34 04.5		
NJS	Nagarjunasagar	12.70 239	ePn	Pn	17 27 16.2	-1.5	
NJS	Nagarjunasagar	12.70 239	ePn	Pn	17 29 37.4	-1.6	
NONG	Nongkai	12.85 112	P	Pn	17 27 21.0	+1.3	
NONG	Nongkai	12.85 112	P	Pn	17 27 18.0	-1.8	
HYB	Hyderabad	12.85 244	eP	Pn	17 29 44.0	+1.2	
HYB	Hyderabad	12.85 244	eP	Pn	17 27 18.0	-1.8	
HYB	Hyderabad	12.85 244	eP	Pn	17 27 27.0		
HYB	Hyderabad	12.85 244	eP	Pn	17 29 42.5	-0.3	
HYB	Hyderabad	12.85 244	eP	Pn	17 27 17.3	-2.5	
HYB	Hyderabad	12.85 244	eP	Pn	17 31 07.0		
HYB	Hyderabad	12.85 244	eP	Pn	17 27 18.0	-1.8	
HYB	Hyderabad	12.85 244	eP	Pn	17 27 27.0		
HYB	Hyderabad	12.85 244	eP	Pn	17 29 44.0	+1.2	
HYB	Hyderabad	12.85 244	eP	Pn	17 27 17.0	-1.9	
HYBB	Hyderabad (bro	12.85 244	ePn	IAMB	17 27 22.1		
HYBB	Hyderabad (bro	12.85 244	ePn	IAMB	17 29 41.7	-1.0	
HYBB	Hyderabad (bro	12.85 244	ePn	IAMB	17 32 01.9		
NDI	New Delhi	13.15 296	eP	Pn	17 27 21.5	-2.3	
NDI	New Delhi	13.15 296	eP	Pn	17 29 37.0	-1.3	
DDI	Dehra Dun	13.15 304	eP	Pn	17 27 21.4	-2.4	
DDI	Dehra Dun	13.15 304	eP	Pn	17 29 37.4	-1.3	
DDI	Dehra Dun	13.15 304	eP	Pn	17 31 45.2		
DDI	comp=N,137nm,0.7s						
DDI	Dehra Dun	13.15 304	eP	Pn	17 31 45.8		
SRLM	Srisailam	13.29 239	ePn	IAMB	17 27 25.0	-0.7	
SRLM	Srisailam	13.29 239	ePn	IAMB	17 27 25.9		
SRLM	comp=Z,61nm,0.5s						
SRLM	Srisailam	13.29 239	ePn	IAMB	17 29 52.5	-0.9	
SRLM	Srisailam	13.29 239	ePn	IAMB	17 31 49.2		
KHON	Khomkaen	13.45 120	P	P	17 27 33.1	-4.1	
KHON	Khomkaen	13.45 120	P	P	17 29 04.0	+5.7	
NAYO	Nakonayok	13.58 130	P	P	17 27 37.2	-1.5	

RCLA	Racheria	13.62 236	ePn	Pn	17 27 29.0	-1.2	
RCLA	Racheria	13.62 236	ePn	Pn	17 27 31.5		
RCLA	comp=Z,33nm,1.2s						
RCLA	Racheria	13.62 236	ePn	Pn	17 30 00.9	-0.5	
RCLA	Racheria	13.62 236	ePn	Pn	17 31 43.9		
CD2	Chengdu	13.80 55	P	Pn	17 27 32.3	-0.3	
CD2	Chengdu	13.80 55	P	Pn	17 27 38.2	-2.9	
CD2	Chengdu	13.80 55	P	Pn	17 27 41.6		
CD2	Chengdu	13.80 55	P	Pn	17 27 45.9	+5.3	
CD2	Chengdu	13.80 55	P	Pn	17 30 05.9	+5.5	
CD2	Chengdu	13.80 55	P	Pn	17 30 14.3	-1.4	
CD2	comp=Z,220nm,0.8s						
CD2	Chengdu	13.80 55	P	Pn	17 25 51.2	+1.4	
CD2	Chengdu	13.80 55	P	Pn	17 25 51.1	+1.3	
CD2	comp=Z,120nm,5.4s						
CD2	Chengdu	13.80 55	P	Pn	17 25 54.8	+2.1	
CD2	Chengdu	13.80 55	P	Pn	17 25 53.7	+1.0	
CD2	Chengdu	13.80 55	P	Pn	17 25 54.0	+1.2	
CD2	Chengdu	13.80 55	P	Pn	17 25 54.4	+1.6	
CD2	Chengdu	13.80 55	P	Pn	17 26 01.5	+1.0	
CD2	Chengdu	13.80 55	P	Pn	17 27 06.1	-1.5	
SMLA	Simla	14.21 305	iP	Pn	17 27 35.2	-3.0	
SMLA	Simla	14.21 305	iP	Pn	17 30 03.3	-1.2	
KLRI	Killari	14.21 250	ePn	IAMB	17 27 36.7	-1.7	
KLRI	Killari	14.21 250	ePn	IAMB	17 27 40.5		
KLRI	comp=Z,28nm,1.0s						
KLRI	Killari	14.21 250	ePn	IAMB	17 30 05.9		
KLRI	Killari	14.21 250	ePn	IAMB	17 30 16.3	+0.3	
KLRI	Killari	14.21 250	ePn	IAMB	17 32 41.0		
SDNR	Sundarnagar	14.54 306	eP	Pn	17 27 42.0	-0.8	
SDNR	Sundarnagar	14.54 306	eP	Pn	17 29 12.0		
SDNR	Sundarnagar	14.54 306	eP	Pn	17 27 46.8	+0.3	
SDNR	Sundarnagar	14.54 306	eP	Pn	17 27 58.6	+4.1	
SDNR	Sundarnagar	14.54 306	eP	Pn	17 30 32.2	+1.7	
SDNR	Sundarnagar	14.54 306	eP	Pn	17 30 49.3	+0.3	
SDNR	Sundarnagar	14.54 306	eP	Pn	17 33 01.0	+3.4	
GYA	Guiyang	14.81 75	P	Pn	17 27 42.0	-4.9	
GYA	Guiyang	14.81 75	P	Pn	17 30 29.0	-2.2	
GYA	Guiyang	14.81 75	P	Pn	17 30 29.0	-2.2	
GYA	Guiyang	14.81 75	P	Pn	17 30 29.0	-2.2	
GYA	Guiyang	14.81 75	P	Pn	17 30 29.0	-2.2	
GYA	Guiyang	14.81 75	P	Pn	17 30 29.0	-2.2	
GYA	comp=Z,20nm,0.8s						
GYA	Guiyang						

Table with columns: OXZ, Lake Taylor, 1.06 337, P, Pn, 17 40 02.8, etc. Lists various station names and their associated data.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists station codes and names.

Table with columns: SJU, Sorong, 9.33 297, Pn, 17 45 35.5 -1.0, etc. Lists various station names and their associated data.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists station codes and names.

Table with columns: FITZ, Warramunga Arr, 14.31 166, P, Pn, 18 22 43.3 -4.6, etc. Lists various station names and their associated data.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists station codes and names.

MEX 10 18:23:11.9-0.4, 16:26N:97.58W, h18km, 50km, MD3.7, Oaxaca. Lists station names and their associated data.

ISCJB 10 18:24:39.4+0.4, 67:17N:0:02:20:64E:0:08, h0km, Error ellipse: s-maj=4.7km s-min=2.8km az=176.1. Lists station names and their associated data.

ISCJB 10 18:24:41.3+0.1, 67:19N:20:65E:0:08, h0km, ML2.4, Suspected explosion. Lists station names and their associated data.

ISCJB 10 18:24:41.1+0.2, 67:19N:20:70E:0:10, h1km, ML2.4, Error ellipse: s-maj=4.3km s-min=2.7km az=88.0, Suspected Mining explosion. Lists station names and their associated data.

ISCJB 10 18:24:41.6+0.7, 67:15N:20:87E:0:08, h0km, mb1 3/2.5, mb1mx3.0/35, mbtmp3.2/5, ML2.9/5, Error ellipse: s-maj=13.1km s-min=6.6km az=105.0. Lists station names and their associated data.

ISCJB 10 18:24:42.6+4.5, 67:18N:20:69E:0:08, h0km, ML2.3, ML2.7(WAO), Suspected explosion. Lists station names and their associated data.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists station codes and names.

Table with columns: PKIN, Phulchoki, 9.79 308 ePn, Pn, 21 00 26.4 +2.4, 21 02 09.9 -2.7, etc.

Table with columns: TCW, Tory Channel, 2.77 36 AML, AML, 21 02 58.5, 21 03 01.4, etc.

Table with columns: MKAR, Makanchi Array, 65.11 326 P, P, 21 10 44.5 +0.6, etc.

NIED 10:20:59.00,36.70N,141.30E,h44km,Mw3.5 Best double couple: Mo2.320000,1014 NP1.3281,00000,313,00000,...

IDC 10:21:06.41,1.3,3.5,52.90N,154.25E,h431km,38km,mb2.9/8, mb1.3/1.0,mb1mx2.8/37,mbtmp3.7/10, Error ellipse: s-maj=33.6km s-min=14.7km az=94.0

Table with columns: KRSC 10:21:58.40,9.0,7.54,95N,161.70E,h82km,8km,ML3.6, Near east coast of Kamchatka Peninsula

ISC 10:20:59.54,7.2,7.36,70N,106.141,2E,0.1,h16km,12km, n14,0.0586,20,5D,Near east coast of eastern Honshu

IDC 10:21:06.41,1.3,3.5,52.90N,154.25E,h431km,38km,mb2.9/8, mb1.3/1.0,mb1mx2.8/37,mbtmp3.7/10, Error ellipse: s-maj=33.6km s-min=14.7km az=94.0

GUC 10:22:01.12,4.0,6.2,21,20S,68.93W,h124km,3km,ML3.5, Chile-Bolivia border region

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

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

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

NEIC 10:21:01.16,2,43.48S,172.13E,h7km,ML4.0(WEL), After WEL

ISK 10:21:26.39,9,39.81N,39.09E,h6km,MD2.8 DDA 10:21:26.41,5,39.76N,39.06E,h7km,MD2.7

CSEM 10:22:02.19,1.0,7.35,15N,27.18E,h2km,MD3.3, Error ellipse: s-maj=18.6km s-min=7.2km az=149.0

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AMT Artemida-Makis, RLS Riolos of Patr, DRO Drossia, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KUR Kuril'sk, YUK Yuzh-Kuril'sk, NEM Nemuro 2, etc.

Table of astronomical observations for 10d 23h, listing station names, coordinates, and observation details.

Table of astronomical observations for 2010 SEP, listing station names, coordinates, and observation details.

Table of astronomical observations for 532, listing station names, coordinates, and observation details.

CSS	Prodhromos	5.59	82	P	Pn	02 05 26.4	-0.1
CSS					Sn	02 06 25.0	-4.6
CSS					S	02 06 28.6	-1.0
CSS	Prodhromos	5.59	82	P	Pn	02 05 26.4	-0.1
CSS	Prodhromos	5.59	82	eP	Pn	02 05 24.9	-1.6
CSS					eS	02 05 28.1	-4.6
ERMK	Ermenek	5.62	65	eP	Pn	02 05 28.5	+1.4
ERMK					Sn	02 06 28.8	-1.9
ERMK					S	02 05 28.5	+1.4
ERMK					Sn	02 06 28.8	-1.9
AGG	Agios Georgios	5.73	325	eP	Pn	02 05 30.4	+2.0
AGG	Agios Georgios	5.73	325	eP	Pn	02 05 30.4	+2.0
MAKR	Makrakomoi, Fth	5.82	323	eP	Pn	02 05 33.8	+4.1
MAKR	Makrakomoi, Fth	5.82	323	eP	Pn	02 05 33.8	+4.1
HMYD	Mayadein	5.83	141	P	Pn	02 05 29.1	-0.7
HMYD	Mayadein	5.83	141	P	Pn	02 05 29.2	-0.7
HNAT	Natronou	5.87	143	P	Pn	02 05 29.7	-0.7
HNAT	Natronou	5.87	143	P	Pn	02 05 29.7	-0.7
EVV	Evytria	5.91	321	eP	Pn	02 05 32.3	+1.3
EVV	Evytria	5.98	138	P	Pn	02 05 30.5	-1.4
SQR		5.98	138	P	Pn	02 05 30.5	-1.4
PDO	Prodhromos	6.03	315	eP	Pn	02 05 36.5	+4.1
PDO	Prodhromos	6.03	315	eP	Pn	02 05 36.5	+4.1
PDO	Prodhromos	6.03	315	P	Pn	02 05 33.7	+1.2
PDO					S	02 06 38.9	-1.5
FYM	Al Fayyum	6.04	140	S	Sn	02 06 37.8	-3.0
FYM	Al Fayyum	6.04	140	S	Sn	02 06 37.8	-3.0
HLW	Helwan	6.08	137	P	Pn	02 05 32.7	-0.5
HLW	Helwan	6.08	137	P	Pn	02 05 32.7	-0.5
AYT	Al Ayyat	6.10	139	P	Pn	02 05 32.3	-1.1
AYT	Al Ayyat	6.10	139	P	Pn	02 05 32.3	-1.1
VLS	Valsamata	6.12	310	eP	Pn	02 05 34.2	+0.3
VLS	Valsamata	6.12	310	eP	Pn	02 05 34.2	+0.3
VLS	Valsamata	6.12	310	eP	Pn	02 05 34.2	+0.3
VLS	Valsamata	6.12	310	eP	Pn	02 05 34.2	+0.3
THL	Klokotos Trika	6.31	326	eP	Pn	02 05 38.4	+2.1
THL	Klokotos Trika	6.31	326	eP	Pn	02 05 38.4	+2.1
KOT	Kottamia	6.31	134	P	Pn	02 05 35.0	-1.4
KOT	Kottamia	6.31	134	P	Pn	02 05 35.0	-1.4
KOT	Kottamia	6.31	134	P	Pn	02 05 35.0	-1.4
HSAF	As Saff	6.38	137	P	Pn	02 05 36.1	-1.3
HSAF	As Saff	6.38	137	P	Pn	02 05 36.1	-1.3
DSAL	As Saff	6.38	137	P	Pn	02 05 36.1	-1.3
DSL	Palaios Diasel	6.45	319	eP	Pn	02 05 39.1	+0.8
DSL	Palaios Diasel	6.45	319	eP	Pn	02 05 39.1	+0.8
HHAG	Hagoal	6.45	132	P	Pn	02 05 37.1	-1.3
HHAG	Hagoal	6.45	132	P	Pn	02 05 37.1	-1.3
HHAG	Hagoal	6.45	132	P	Pn	02 05 37.1	-1.3
HHAG	Hagoal	6.45	132	P	Pn	02 05 37.1	-1.3
LKD2	Lefkada island	6.46	314	eP	Pn	02 05 39.4	+0.9
LKD2	Lefkada island	6.46	314	eP	Pn	02 05 39.4	+0.9
LKD2	Lefkada island	6.46	314	eP	Pn	02 05 39.4	+0.9
LKD2	Lefkada island	6.46	314	eP	Pn	02 05 39.4	+0.9
LIT	Litokhoron	6.45	314	eP	Pn	02 05 44.3	+4.3
LIT	Litokhoron	6.45	314	eP	Pn	02 05 44.3	+4.3
SOH	Sokhos	6.89	339	eP	Pn	02 05 46.8	+2.4
SOH	Sokhos	6.89	339	eP	Pn	02 05 46.8	+2.4
JAN	Janina	6.96	320	eP	Pn	02 05 47.0	+1.7
JAN	Janina	6.96	320	eP	Pn	02 05 47.0	+1.7
NBNS	Bani Suef	7.04	144	P	Pn	02 05 45.9	-0.6
NBNS	Bani Suef	7.04	144	P	Pn	02 05 45.9	-0.6
SRS	Serrai	7.10	341	eP	Pn	02 05 48.8	+2.6
SRS	Serrai	7.10	341	eP	Pn	02 05 48.8	+2.6
IGT	Igoumenitsa	7.15	317	eP	Pn	02 05 48.3	+0.4
IGT	Igoumenitsa	7.15	317	eP	Pn	02 05 48.3	+0.4
ZAF		7.21	134	P	Pn	02 05 48.1	+0.6
ZAF		7.21	134	P	Pn	02 05 48.1	+0.6
NVR	Neurokopi	7.25	344	eP	Pn	02 05 53.0	+3.7
NVR	Neurokopi	7.25	344	eP	Pn	02 05 53.0	+3.7
SGD	Sagadia	7.26	317	P	Pn	02 05 48.7	-0.7
SGD	Sagadia	7.26	317	P	Pn	02 05 48.7	-0.7
KNT	Kendrikon	7.34	338	eP	Pn	02 05 54.1	+3.6
KNT	Kendrikon	7.34	338	eP	Pn	02 05 54.1	+3.6
NEST	Nestorio	7.43	325	eP	Pn	02 05 54.2	+4.2
NEST	Nestorio	7.43	325	eP	Pn	02 05 54.2	+4.2
MMAI	Mount Meron Ar	7.48	148	P	Pn	02 05 51.1	-1.5
MMAI	Mount Meron Ar	7.48	148	P	Pn	02 05 51.1	-1.5
DORL	Deir Qamar	7.49	93	eP	Pn	02 05 52.7	0.0
DORL	Deir Qamar	7.49	93	eP	Pn	02 05 52.7	0.0
BHL	Bhannes	7.54	91	eP	Pn	02 05 51.9	-1.5
BHL	Bhannes	7.54	91	eP	Pn	02 05 51.9	-1.5
BHL	Bhannes	7.54	91	eP	Pn	02 05 51.9	-1.5
BHL	Bhannes	7.54	91	eP	Pn	02 05 51.9	-1.5
FNA	Florina	7.58	329	eP	Pn	02 05 55.2	+1.3
FNA	Florina	7.58	329	eP	Pn	02 05 55.2	+1.3
BR131	Keskin Array S	7.74	45	eP	Pn	02 05 57.5	+1.3
BR131	Keskin Array S	7.74	45	eP	Pn	02 05 57.5	+1.3
BRTR	Keskin Array B	7.74	45	eP	Pn	02 05 56.2	+0.1
BRTR	Keskin Array B	7.74	45	eP	Pn	02 05 56.2	+0.1
BRTR	Keskin Array B	7.74	45	eP	Pn	02 05 56.2	+0.1
BRTR	Keskin Array B	7.74	45	eP	Pn	02 05 56.2	+0.1
BRTR	Keskin Array B	7.74	45	eP	Pn	02 05 57.7	+1.6
BRTR	Keskin Array B	7.74	45	eP	Pn	02 05 57.7	+1.6
RCY	Rachaya	7.74	94	eP	Pn	02 05 22.5	-0.2
RCY	Rachaya	7.74	94	eP	Pn	02 05 22.5	-0.2
HWQ	Hawqa	7.75	98	eP	Pn	02 05 55.6	-0.6
HWQ	Hawqa	7.75	98	eP	Pn	02 05 55.6	-0.6
BRBR	Barbar	7.85	95	eP	Pn	02 05 56.6	-1.2
BRBR	Barbar	7.85	95	eP	Pn	02 05 56.6	-1.2
BRBR	Barbar	7.85	95	eP	Pn	02 07 19.2	-6.5
BRBR	Barbar	7.85	95	eP	Pn	02 07 23.8	
BRBR	Barbar	7.85	95	eP	Pn	02 07 25.4	
BIDA	Albida	8.04	83	eP	Pn	02 05 58.8	-1.5
BIDA	Albida	8.04	83	eP	Pn	02 07 23.4	-6.7
BIDA	Albida	8.04	83	eP	Pn	02 07 31.6	
BIDA	Albida	8.04	83	eP	Pn	02 07 32.4	
HAWK	Haweek	8.11	86	eP	Pn	02 06 00.6	-0.7
HAWK	Haweek	8.11	86	eP	Pn	02 07 24.6	-7.4
HAWK	Haweek	8.11	86	eP	Pn	02 07 31.4	
KFRA	Kutra	8.44	82	eP	Pn	02 06 04.5	-1.2
KFRA	Kutra	8.44	82	eP	Pn	02 07 33.2	-6.7
KFRA	Kutra	8.44	82	eP	Pn	02 07 40.3	
KFRA	Kutra	8.44	82	eP	Pn	02 07 41.0	
EIL	Elat	8.53	121	Pn	Pn	02 06 05.2	-1.7
EIL	Elat	8.53	121	Pn	Pn	02 07 37.3	-4.9
SALA	Sala	8.64	99	eP	Pn	02 06 08.0	-0.6
SALA	Sala	8.64	99	eP	Pn	02 07 37.8	-7.2
SALA	Sala	8.64	99	eP	Pn	02 07 47.4	
SALA	Sala	8.64	99	eP	Pn	02 07 58.5	
ROOS	Il alroos	8.86	89	eP	Pn	02 06 12.2	+0.6
ROOS	Il alroos	8.86	89	eP	Pn	02 07 43.3	-7.0
ROOS	Il alroos	8.86	89	eP	Pn	02 07 52.0	
ROOS	Il alroos	8.86	89	eP	Pn	02 07 56.5	
ASF	Jabal al Asfar	8.92	102	Pn	Pn	02 06 10.9	-1.4
ASF	Jabal al Asfar	8.92	102	Pn	Pn	02 07 48.0	-3.7
ASF	Jabal al Asfar	8.92	102	Pn	Pn	02 07 48.0	-3.7
ASF	Jabal al Asfar	8.92	102	Pn	Pn	02 07 48.0	-3.7

ASF	Jabal al Asfar	8.92	102	P	Pn	02 06 10.9	-1.4
ASF	Jabal al Asfar	8.92	102	P	Pn	02 07 48.0	-3.7
ASF	Jabal al Asfar	8.92	102	P	Pn	02 07 48.0	-3.7
ASF	Jabal al Asfar	8.92	102	P	Pn	02 07 48.0	-3.7
ASF	Jabal al Asfar	8.92	102	P	Pn	02 07 48.0	-3.7
TIP	Timpagrade	9.20	304	eP	Pn	02 06 15.7	-0.5
TIP	Timpagrade	9.20	304	eP	Pn	02 06 15.7	-0.5
TIP	Timpagrade	9.20	304	eP	Pn	02 06 15.7	-0.5
TIP	Timpagrade	9.20	304	eP	Pn	02 06 15.7	-0.5
CUC	Castrocuoco	10.23	306	eP	Pn	02 06 30.6	+0.4
CUC	Castrocuoco	10.23	306	eP	Pn	02 06 30.6	+0.4
CUC	Castrocuoco	10.23	306	eP	Pn	02 06 30.6	+0.4
CUC	Castrocuoco	10.23	306	eP	Pn	02 06 30.6	+0.4
MLR	Muntele Rou	11.07	358	Pn	Pn	02 06 41.4	-0.4
MLR	Muntele Rou	11.07	358	Pn	Pn	02 06 41.4	-0.4
MLR	Muntele Rou	11.07	358	Pn	Pn	02 06 41.4	-0.4
MLR	Muntele Rou	11.07	358	Pn	Pn	02 06 41.4	-0.4
BURAR	Bucovina Array	13.23	356	iP	P	02 07 23.6	+2.9
BURAR	Bucovina Array	13.23	356	iP	P	02 07 23.6	+2.9
BURAR	Bucovina Array	13.23	356	iP	P	02 07 23.6	+2.9
BURAR	Bucovina Array	13.23	356	iP	P	02 07 23.6	+2.9
BURAR	Bucovina Array	13.23	356	iP	P	02 07 23.6	+2.9
PKSM	Moragy	13.24	335	iP	P	02 07 09.5	-1.8
PKSM	Moragy	13.24	335	iP	P	02 07 09.5	-1.8
PKSM	Moragy	13.24	335	iP	P	02 07 09.5	-1.8
PKSM	Moragy	13.24	335	iP	P	02 07 09.5	-1.8
PKSM	Moragy	13.24	335	iP	P	02 07 09.5	-1.8
TRPA	Tarpa	14.03	349	iP	P	02 07 29.5	0.0
TRPA	Tarpa	14.03	349	iP	P	02 07 29.5	0.0
TRPA	Tarpa	14.03	349	iP	P	02 07 29.5	0.0
TRPA	Tarpa	14.03	349	iP	P	02 07 29.5	0.0
TRPA	Tarpa	14.03	349	iP	P	02 07 29.5	0.0
KESR	Kesra	14.18	280	eP	Pn	02 07 21.7	-2.6
KESR	Kesra	14.18	280	eP	Pn	02 07 21.7	-2.6
KESR	Kesra	14.18	280	eP	Pn	02 07 21.7	-2.6
KESR	Kesra	14.18	280	eP	Pn	02 07 21.7	-2.6
KESR	Kesra	14.18	280	eP	Pn	02 07 21.7	-2.6
KOLS	Kolonick sedl	14.86	349	eP	Pn	02 07 34.8	+1.5
KOLS	Kolonick sedl	14.86	349	eP	Pn	02 07 34.8	+1.5
KOLS	Kolonick sedl	14.86	349	eP	Pn	02 07 34.8	+1.5
KOLS	Kolonick sedl	14.86	349	eP	Pn	02 07 34.8	+1.5
KOLS	Kolonick sedl	14.86	349	eP	Pn	02 07 34.8	+1.5
VYHS	Vyhne	15.21	340	eP	Pn	02 07 40.5	-2.1
VYHS	Vyhne	15.21	340	eP	Pn	02 07 40.5	-2.1
VYHS	Vyhne	15.21	340	eP	Pn	02 07 40.5	-2.1
VYHS	Vyhne	15.21	340	eP	Pn	02 07 40.5	-2.1
VYHS	Vyhne	15.21	340	eP	Pn	02	

Table with columns: Station Name, Azimuth, Elevation, P, Pmax, Time, Res. Includes stations like Zalesovo Beam, Urumqi, Koldanda, Krasnoyarsk, etc.

JMA 11 02:25:43.4 0.9, 31.187N x 142.71E, h0km, M3.6, Southeast of Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like Boso 1, Boso 3, Hitachi, etc.

IDC 11 02:25:58.3 2.5, 16.27N x 98.29W, h0km, mb3.8/6, mb1 4.0/7, mb1mx3.7/29, mbtrmp3.7/7, ML3.2/1, MS2.9/2, Ms1 2.9/2, ms1mx2.5/40, Error ellipse: s-maj=59.4km, s-min=35.5km, az=38.0

ISCJB 11 02:26:02.0 0.4, 16.40N x 0.04-98.69W, h0.03, h28km, mb4.2/27, MS2.8/1, Error ellipse: s-maj=5.8km, s-min=3.8km, az=13.6

NEIC 11 02:26:05.1, 16.33N x 98.73W, h23km, mb4.3/27, MD4.0 (MEX), After MEX.

MEX 11 02:26:05.1 0.5, 16.33N x 98.73W, h23km, 11km, MD4.0

ISC 11 02:26:03.7 0.8, 16.34N x 0.06-98.72W, h0.03, h28km, n203, e093/223, mb4.3/27, Near coast of Guerrero

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like PNIG Pinotepa, TLIG Tiapa, CAIG El Cayaco, etc.

Main table with columns: Station Name, Azimuth, Elevation, P, Pmax, Time, Res. Includes stations like UNM H06E1, TXAR Lajitas Array, TXAR Wamp Wheel Ra, etc.

Table with columns: Station Name, Azimuth, Elevation, P, Pmax, Time, Res. Includes stations like SDCO Great Sand Dun, R27A Eads, R37A Teagarden Farm, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like B26A Jensen Ranch, A29A Manning Farm, A30A Hoffart Farm, etc.

MEX 11 02:32:09.8,0.6,16'25N:98'83W,h20km,23km,MD3.9, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like PNIG Pinotepa, TLIG Tiapa, CAIG El Cayaco, etc.

CASC 11 02:40:01.0,2.4,13'31N:91'63W,h83km,78km,MD4.3, ML3.9,mb4.4(NEIC)

MEX 11 02:40:10.6,0.4,13'87N:91'47W,h20km,213km,MD3.9

IDC 11 02:40:11.8,1.3,13'77N:90'53W,h0km,mb4.3/6, Ms1 3.3/3,ms1mx2.8/2,mbtmp4.2/9,ML3.8/3,MS3.3/3, s-min=26.1km az=46.0

NEIC 11 02:40:26.1,1.0,13'86N:90'92W,h105km,10km,mb4.4/5/3, MD3.9(MEX),Error ellipse: s-maj=12.2km s-min=6.4km az=51.0

ISC 11 02:40:16.5,0.9,13'6N:01'90.64W,0'10,h38km,n272, e078/254,mb4.5/6,1C-1D,Near coast of Guatemala

Large table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like IXG Ixapaco, PFC Pacaya, FUG Fuego 3, etc.

Large table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like 531A Rocksprings, TIGA Titon, 330A Lometa, etc.

Large table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like X30A Coker Ranch, V35A Meyer Ranch, W32A Sentinel, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HLID Hailey, HLID Hailey, MCFM McKenzie Canyon, etc.

HEL 11 02:53:11.9±0.3, 67.69N-33.64E, h0km, ML1.4, Explosion
NAO 11 02:53:12.0±1.5, 67.62N-33.92E, h2km, ML2.5
CSEM 11 02:53:13.1±0.6, 67.71N-33.34E, h2km, ML2.5, Error ellipse: s-maj=13.1km s-min=5.1km az=85.0, Mining explosion.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like APA0 Apatity Array, APA0 Apatity Array, APA0 Apatity Array, etc.

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

ISCJB 11 02:57:13.3±0.5, 12.62°N, 142.37°E, h150km, mb3.9/16, Error ellipse: s-maj=11.1km s-min=9.0km az=151.0

IDC 11 02:57:15.7±1.1, 12.66°N, 142.51°E, h160km, 10km, mb3.7/16, mb1 3.9/17, mb1mx3.7/46, mbtmp4.2/17, Error ellipse: s-maj=13.3km s-min=10.3km az=86.0

ISC 11 02:57:14.8±0.6, 12.58°N, 142.46°E, h150km, n20, c1948/27, mb4.0/16, South of Mariana Islands

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

AUST 11 03:04:44.3, 24.93S-177.30W, h200km
ISCJB 11 03:05:27.7±0.6, 25.00S, 0.07°E, h507km, mb4.0/12, Error ellipse: s-maj=10.3km s-min=9.1km az=147.4

IDC 11 03:05:27.7±1.2, 24.99S, 179.70E, h491km, 12km, mb3.6/12, mb1 3.6/15, mb1mx3.6/31, mbtmp4.5/15, Error ellipse: s-maj=15.9km s-min=12.1km az=111.0

ISC 11 03:05:28.9±1.2, 25.00S, 0.09°E, h507km, n47, c1925/53, mb3.8/12, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RAO Raoul Island, DZM Mont Dzumac, URZ Urewera, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MEEK Meekatharra, BLDU Bailidu, MORW Morawa, etc.

CASC 11 03:06:11.3±1.1, 13.48°N, 91.27°W, h0km±6km, MD3.6, Near coast of Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JAT Jato, FUG Fuego 3, PCG Pacaya, etc.

IDC 11 03:10:36.4±0.4, 33.69°N, 75.34°E, h0km, mb4.6/37, mb1 4.6/42, mb1mx4.6/50, mbtmp4.6/42, ML4.3/5, MS3.1/7, Ms1 3.1/7, ms1mx2.9/36, Error ellipse: s-maj=12.0km s-min=9.6km az=34.0

NDI 11 03:10:39.2±5.1, 33.83°N, 75.10°E, h33km, ML4.6, mb4.7(NEIC), mb3.10/40, 7.33/70N-75.40E, h29km, mb4.9/42, mb4.6/28, ML4.5/5, Ms4.1/22, Ms7.3/722

NEIC 11 03:10:40.9±1.6, 33.72°N, 75.37°E, h26km, 11km, mb4.7/41, Error ellipse: s-maj=5.4km s-min=4.1km az=219.0

NEIC Felt strongly in the Vale of Kashmir, ISCJB 11 03:10:40.2±0.1, 33.76°N, 0.01°E, h33km, mb4.6/95, MS3.6/12, Error ellipse: s-maj=3.7km s-min=1.9km az=157.3

MOS 11 03:10:41.3±1.1, 33.81°N, 75.34°E, h41km, mb4.8/52, Error ellipse: s-maj=7.3km s-min=6.1km az=103.3

NNC 11 03:10:50.5±4.2, 34.16°N, 75.15°E, h121km±24km, mb4.3, mpv4.9, Error ellipse: s-maj=34.3km s-min=30.0km az=22.0

ISC 11 03:10:41.9±0.2, 33.70°N, 0.03°E, h35km, n344, c181/407, mb4.7/95, MS3.8/12, 36C-20D, Eastern Kashmir

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JMU Jammu, DLH Dalhousie, CHCP Chirah Chowk, etc.

Table with columns for station ID, name, coordinates, and various data points. Includes stations like BJI, BR131, BRTR, etc.

Table with columns for station ID, name, coordinates, and various data points. Includes stations like NOA, NOA, NOA, BJO, etc.

Table with columns for station ID, name, coordinates, and various data points. Includes stations like WRA, WRAB, WRAB, etc.

BUI 11 03:17:49.9, 15:30N:45:90W, h10km, mB5.1/1, Ms4.9/2, Ms7 4.5/2, IDC 11 03:17:49.3:0.6, 15:32N:45:81W, h0km, mb4.1/22, mb1 4.3/24, mb1mx4.2/37, mbtmp4.1/24, ML4.3/2, MS4.0/23, Ms1 4.0/23, ms1mx3.9/25, Error ellipse: s-maj=16.3km s-min=13.4km az=148.0, ISCJB 11 03:17:50.5:0.3, 15:31N:0.05:45:86W:0.04, h15km, mb4.5/70, MS4.0/22, Error ellipse: s-maj=8.1km s-min=5.4km az=160.5, NEIC 11 03:17:51.3:0.2, 15:30N:45:80W, h10km, mb4.7/54, Error ellipse: s-maj=6.9km s-min=5.3km az=164.0, ISC 11 03:17:51.9:0.4, 15:33N:0.08:45:84W:0.06, h15km, n112, c1923/98, mb4.6/70, MS4.0/22, Northern Mid-Atlantic Ridge

Table with columns for Code, Station Name, Az, Az2, Op, Phase ID, Time Res, ISC. Includes stations like BBGH, H05S1, H05N1, etc.

11d 7h

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like KAPI Kappang, KAPI Genyem, KAPI Balikpapan, etc.

2010 SEP

Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like MTSU Mount Surprise, ASAR Alice Springs, ASAR Pangkal Pinang, etc.

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Table with columns: Station Name, Frequency, Power, Direction, and other technical details. Includes stations like PSI Prapat, JCJ Chichiknina, SKNT Sakinalnora, etc.

Table with columns for station call signs (e.g., NKL, KLRI, BHPH), frequencies, and various signal quality metrics (e.g., S, SNR, SNR=2.8).

Table with columns for station call signs (e.g., AIS, AIS, DHRM), frequencies, and various signal quality metrics (e.g., S, SNR, SNR=3.7).

Table with columns for station call signs (e.g., KURBB, KURK, KURK), frequencies, and various signal quality metrics (e.g., S, SNR, SNR=2.8).

SVE	e	07 27 32.5			
SVE	eSS	07 34 34.3 -2.4			
SVE	eSS	07 39 42.3 -1.8			
SVE	pmax				
IRAM	comp=Z,104nm,1.5s	79.45 303 eP	P	07 24 33.7 -4.0	
IKAZ	Ramesheh	79.64 300 eP	P	07 24 36.9 -2.1	
SDPT	Kazeroun	79.84 33 eP	P	07 24 38.9 -0.1	
SDPT	Sand Point	comp=Z,172nm,1.2s	LR		
MAW	Mawson	comp=Z,2jm,22.0s	LR		
MAW	Mawson	comp=Z,9.4nm,1.1s	P	07 24 40.9 +0.7	
MAW	Mawson	comp=Z,9.0nm,1.1s	P	07 24 40.9 +0.7	
ARU	Arti	comp=Z,3.90nm,19.0s	iP	07 24 40.9 -0.9	
ARU	Arti	comp=Z,3.90nm,19.0s	PPP	07 27 42.6	
ARU	Arti	comp=Z,3.90nm,19.0s	PPP	07 29 43.2	
ARU	Arti	comp=Z,3.90nm,19.0s	SS	07 34 48.6 +1.7	
ARU	Arti	comp=Z,3.90nm,19.0s	SS	07 39 49.7 -8.9	
ARU	Arti	comp=Z,42nm,1.7s	MLR		
ARU	Arti	comp=Z,772nm,21.0s	MLR		
ARU	Arti	comp=Z,163nm,1.1s,SNR=8.7	P	07 24 41.3 -0.5	
ARU	Arti	comp=Z,39nm,0.9s	eP	07 24 40.8 -1.1	
ARU	Arti	comp=Z,900nm,19.0s	LR		
CRZF	Crozet Islands	80.48 223 S	S	07 34 35.0 -14	
CRZF	Crozet Islands	80.48 223 L	L	07 46 00.0	
IRIR	Piripir	80.81 303 eP	P	07 50 00.0	
CHGN	Chignik	81.22 33 eP	P	07 24 43.1 -2.0	
PPT	Papeete	81.25 107 LR	LR	07 58 57.2	
PPT2	Papeete2	81.25 108 eS	S	07 34 56.0 -1.8	
PPT2	Papeete2	comp=Z,1jm,25.8s	LQ	07 46 55.1	
PPT2	Papeete2	comp=Z,8jm,35.5s	eLR	07 50 11.7	
ABPO	Ambohimpnom	82.08 251 eP	P	07 24 52.3 +0.3	
ABPO	Ambohimpnom	comp=Z,7.5nm,1.9s	eP	07 24 52.3 +0.3	
SII	Sitkinak Islan	83.57 33 eP	P	07 25 00.3 +1.6	
SII	Sitkinak Islan	comp=Z,7.8nm,1.0s	LR		
SVW	Sparrevohn	83.86 28 eP	P	07 25 01.4 +1.3	
TTA	Tatalina	84.10 26 eP	P	07 25 02.3 +0.9	
TTA	Tatalina	comp=Z,51nm,1.2s	MLR		
TTA	Tatalina	comp=Z,2jm,20.0s	eP	07 25 02.3 +0.9	
TTA	Tatalina	comp=Z,50nm,1.2s	LR		
OHAK	Old Harbor	84.18 32 eP	P	07 25 02.5 +0.8	
OHAK	Old Harbor	comp=Z,41nm,0.9s	LR		
OHAK	Old Harbor	comp=Z,3jm,22.0s	LR		
IVIS	Veis	84.37 305 eP	P	07 25 00.1 -3.3	
KDAK	Kodiak Island	84.66 32 eP	P	07 25 06.0 +1.8	
KDAK	Kodiak Island	comp=Z,41nm,1.0s	pmax		
KDAK	Kodiak Island	comp=Z,41nm,1.0s	pmax		
KDAK	Kodiak Island	comp=Z,41nm,1.0s	pmax		
MAK	Makhchackia	84.72 313 eP	P	07 25 06.1 -4.7	
MAK	Makhchackia	comp=Z,41nm,1.0s	e	07 28 15.0	
MAK	Makhchackia	comp=Z,41nm,1.0s	eSS	07 35 20.7	
MAK	Makhchackia	comp=Z,41nm,1.0s	SSS	07 44 25.0	
MAK	Makhchackia	comp=Z,168nm,1.7s	pmax		
RSO	Redoubt South	85.08 29 eP	P	07 25 07.5 +0.9	
DAMY	Dhamar	85.30 285 eP	P	07 25 10.4 +1.7	
DAMY	Dhamar	comp=Z,42nm,1.0s	LR		
HOM	Homer	85.48 30 PFAKE	LR	07 25 20.0 +12	
HOM	Homer	comp=Z,600nm,21.0s	LR		
SPU	Spurr	85.55 28 eP	P	07 25 08.7 +0.1	
CNPM	China Point	85.66 30 eP	P	07 25 10.0 +0.8	
CNPM	China Point	comp=Z,160nm,1.8s	LR		
IM04	Indian Spurr	85.74 24 eP	P	07 25 10.0 +0.5	
PPLA	Purkeypile	85.80 27 eP	P	07 25 11.2 +1.2	
PPLA	Purkeypile	comp=Z,160nm,1.8s	LR		
BRLL	Bradley Lake	85.87 30 eP	P	07 25 10.3 0.0	
BRLL	Bradley Lake	comp=Z,49nm,1.2s	LR		
CAST	Castle Rocks	85.95 26 eP	P	07 25 11.4 +0.8	
CAST	Castle Rocks	comp=Z,2jm,20.0s	LR		
DGRG	David-gareji	86.14 311 P	P	07 25 13.1 +1.0	
DGRG	David-gareji	comp=Z,97nm,2.0s	P	07 25 13.0 +1.0	
SUA	Susitna One	86.22 28 eP	P	07 25 12.0 0.0	
SUA	Susitna One	comp=Z,48nm,0.9s	LR		
GNI	Garni	86.52 310 eP	P	07 25 15.7 +1.6	
GNI	Garni	comp=Z,2jm,21.0s	pmax		
GNI	Garni	comp=Z,6.0nm,1.0s	PFAKE	07 25 30.0 +16	
GNI	Garni	comp=Z,6.0nm,1.0s	LR		
BPWA	Bear Paw Mtn.	86.55 26 eP	P	07 25 15.3 +1.8	
BPWA	Bear Paw Mtn.	comp=Z,800nm,21.0s	LR		
SEW	Seward	86.64 30 eP	P	07 25 14.4 +0.4	
SEW	Seward	comp=Z,69nm,1.9s	LR		
SEW	Seward	comp=Z,47nm,1.1s	LR		
RC01	Rabbit Creek A	86.64 29 eP	P	07 25 14.1 +0.1	
RC01	Rabbit Creek A	comp=Z,3jm,22.0s	LR		
TBLG	Delisi	86.64 312 P	P	07 25 15.0 +0.5	
TBLG	Delisi	comp=Z,97nm,2.0s	P	07 25 15.0 +0.5	
TRF	Thorofare Moun	86.75 26 eP	P	07 25 15.5 +0.8	
TRF	Thorofare Moun	comp=Z,35nm,1.2s	LR		
MLY	Manley	86.81 25 eP	P	07 25 15.7 +0.9	
MLY	Manley	comp=Z,3jm,22.0s	LR		
PMR	Palmer	87.00 28 eP	P	07 25 15.8 +0.1	
PMR	Palmer	comp=Z,1jm,21.0s	pmax		
PMR	Palmer	comp=Z,28nm,1.0s	MLR		
PMR	Palmer	comp=Z,2jm,20.0s	eP	07 25 15.8 +0.1	
PMR	Palmer	comp=Z,28nm,1.0s	LR		
BWN	Browne	87.22 26 eP	P	07 25 16.8 0.0	
BWN	Browne	comp=Z,2jm,20.0s	LR		
ZEI	Tsey	87.34 313 eP	P	07 25 16.1 -2.0	
ZEI	Tsey	comp=Z,34nm,1.0s	pmax		
RND	Reindeer	87.38 26 eP	P	07 25 17.1 -0.6	
RND	Reindeer	comp=Z,391nm,1.5s	pmax		
RND	Reindeer	comp=Z,33nm,0.9s	MLR		
RND	Reindeer	comp=Z,2jm,22.0s	MLR		
RND	Reindeer	comp=Z,33nm,0.9s	P	07 25 17.1 -0.6	
RND	Reindeer	comp=Z,2jm,22.0s	LR		
COLD	Coldfoot	87.38 23 eP	P	07 25 18.7 +1.2	
COLD	Coldfoot	comp=Z,11nm,0.8s	LR		
MCK	McKinley	87.39 26 eP	P	07 25 17.7 +0.1	
MCK	McKinley	comp=Z,30nm,1.1s	pmax		
MCK	McKinley	comp=Z,30nm,1.1s	MLR		
MCK	McKinley	comp=Z,1jm,20.0s	P	07 25 17.7 +0.1	
MCK	McKinley	comp=Z,30nm,1.1s	P	07 25 17.7 +0.1	

MCK	comp=Z,1jm,20.0s	LR	LR		
SML	Sawmill	87.41 28 eP	P	07 25 19.0 +1.2	
SML	Sawmill	comp=Z,56nm,1.0s	pmax		
SML	Sawmill	comp=Z,2jm,21.0s	MLR		
SML	Sawmill	comp=Z,56nm,1.0s	P	07 25 18.9 +1.2	
SML	Sawmill	comp=Z,2jm,21.0s	LR		
AKH	Akhalkalaki	87.55 311 P	P	07 25 19.9 +0.8	
AKH	Akhalkalaki	87.55 311 P	P	07 25 19.9 +0.8	
NCK	Natchik	87.61 313 eP	P	07 25 20.2 +1.1	
ONI	Oni	87.66 313 P	P	07 25 19.5 +0.1	
ONI	Oni	87.66 313 P	P	07 25 19.5 +0.1	
WRH	Wood River Hill	87.85 25 eP	P	07 25 19.0 -0.8	
WRH	Wood River Hill	comp=Z,14nm,1.0s	LR		
WRH	Wood River Hill	comp=Z,1jm,20.0s	LR		
SCM	Sheep Creek Mo	87.89 28 eP	P	07 25 21.3 +1.2	
SCM	Sheep Creek Mo	comp=Z,47nm,1.0s	pmax		
SCM	Sheep Creek Mo	comp=Z,2jm,20.0s	MLR		
SCM	Sheep Creek Mo	comp=Z,47nm,1.0s	P	07 25 21.3 +1.2	
SCM	Sheep Creek Mo	comp=Z,2jm,20.0s	LR		
CCB	Clear Creek Bu	88.00 25 eP	P	07 25 19.9 -0.5	
CCB	Clear Creek Bu	comp=Z,16nm,1.1s	LR		
COLA	College	88.00 25 eP	P	07 25 23.4 +2.9	
COLA	College	comp=Z,2jm,20.0s	pmax		
COLA	College	comp=Z,5.0nm,0.8s	MLR		
COLA	College	comp=Z,1jm,21.0s	P	07 25 23.4 +2.9	
COLA	College	comp=Z,4.9nm,0.8s	LR		
COLA	College	comp=Z,1jm,21.0s	LR		
DHY	Denali Highway	88.00 27 eP	P	07 25 21.8 +1.0	
DHY	Denali Highway	comp=Z,15nm,0.9s	LR		
DHY	Denali Highway	comp=Z,2jm,21.0s	LR		
MID	Middleton Isla	88.12 31 PFAKE	LR	07 25 30.0 +8.9	
MID	Middleton Isla	comp=Z,2jm,22.0s	LR		
KBZ	Khabaz	88.13 314 P	P	07 25 20.9 -0.6	
KBZ	Khabaz	comp=Z,3.9nm,0.9s,baz=106,slow=6.4,SNR=6.6	LR	08 10 07.1	
KBZ	Khabaz	comp=Z,376nm,18.1s,baz=78,slow=39	P	07 25 21.0 -0.6	
KBZ	Khabaz	88.13 314 P	P	07 25 21.0 -0.6	
NEY	Neytrino	88.23 313 eP	P	07 25 23.1 +0.8	
KIV	Kislovodsk	88.30 314)eP	P	07 25 22.3 -0.2	
KIV	Kislovodsk	comp=Z,4.0nm,0.9s	e	07 28 56.3	
KIV	Kislovodsk	comp=Z,4.0nm,0.9s	ePPP	07 30 44.9	
KIV	Kislovodsk	comp=Z,4.0nm,0.9s	eSS	07 35 57.7 -9.3	
KIV	Kislovodsk	comp=Z,49nm,2.6s	pmax		
KIV	Kislovodsk	comp=Z,681nm,22.0s	MLR		
KIV	Kislovodsk	88.30 314 PFAKE	LR	07 25 30.0 +7.5	
HDA	Harding Lake	88.33 26 PFAKE	LR	07 25 30.0 +7.9	
HDA	Harding Lake	comp=Z,700nm,19.0s	LR		
IL1	Eielson Array B	88.40 25 eP	P	07 25 20.2 -2.2	
ILAR	Eielson Array B	88.40 25 eP	P	07 25 21.1 -1.3	
ILAR	Eielson Array B	comp=Z,4.2nm,1.1s,baz=268,slow=4.6,SNR=12	LR		
ILAR	Eielson Array B	comp=Z,0.5nm,0.8s,baz=52,slow=5.4,SNR=5.4	PKKPP	07 43 11.8 +4.0	
ILAR	Eielson Array B	comp=Z,642nm,18.8s,baz=270,slow=35	PKKPP	08 03 43.7	
KLU	Klutina	88.52 29 eP	P	07 25 24.0 +0.9	
KLU	Klutina	comp=Z,13nm,1.0s	LR		
KLU	Klutina	comp=Z,2jm,20.0s	LR		
EYAK	Cordova Ski Ar	88.52 30 eP	P	07 25 24.9 +1.9	
EYAK	Cordova Ski Ar	comp=Z,16nm,1.0s	LR		
DIV	Divide	88.56 29 eP	P	07 25 24.8 +1.5	
DIV	Divide	comp=Z,3jm,21.0s	LR		
DIV	Divide	comp=Z,88nm,1.6s	LR		
QSPA	South Pole Qui	88.80 180 P	P	07 25 23.7 -0.7	
QSPA	South Pole Qui	comp=Z,6.0nm,0.7s,baz=193,slow=0.7,SNR=14	pmax		
QSPA	South Pole Qui	comp=Z,39nm,1.0s	eP	07 25 25.3 +0.9	
QSPA	South Pole Qui	comp=Z,39nm,1.0s	LR		
SYO	Syowa Base	88.82 201)eP	P	07 25 23.0 -1.2	
PAX	Paxson	88.86 27 eP	P	07 25 25.5 +0.8	
PAX	Paxson	comp=Z,15nm,1.2s	pmax		
PAX	Paxson	comp=Z,2jm,22.0s	MLR		
PAX	Paxson	comp=Z,15nm,1.2s	MLR		
PAX	Paxson	comp=Z,2jm,22.0s	P	07 25 25.5 +0.8	
HARP	HAARP	88.96 28 PFAKE	LR	07 25 40.0 +15	
HARP	HAARP	comp=Z,1jm,21.0s	LR		
RAGM	Ragged Mountai	89.04 30 PFAKE	LR	07 25 40.0 +14	
RAGM	Ragged Mountai	comp=Z,2jm,20.0s	LR		
BMRM	Bremner River	89.11 29 eP	P	07 25 26.8 +0.8	
BMRM	Bremner River	comp=Z,16nm,1.0s	LR		
RIDD	Independ'e				

11d 7h

Table with columns: MTE, Manteigas, 124.70, 321, PFAKE, LR, 07 31 40.0 +9.2, etc. Lists various stations and their associated data.

2010 SEP

Table with columns: W38A, Poteau, 127.13, 45, P, PKPdf, 07 31 34.9 -0.6, etc. Lists various stations and their associated data.

554

Table with columns: CBN, Kings Mountain, 135.79, 37, P, PKPdf, 07 31 53.7 +1.8, etc. Lists various stations and their associated data.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and various station identifiers. Includes stations like JKRS Kuro-shima, TWE Wufen Shan, etc.

ISCJB 11 09:40:49.6±0.3, 7.40S; 0.06°116.27E; 0.04, h300km, mb3.6/9, Error ellipse: s-maj=8.6km s-min=4.7km az=17.3

AUST 11 09:40:53.7±0.0, 7.66S; 116.21E, h321km, Error ellipse: s-maj=1.3km s-min=0.9km az=9.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and various station identifiers. Includes stations like TWISI Taliwang, ABJI Asem Bagus, etc.

ISCJB 11 09:42:24.6±0.8, 33.49N; 0.03±35.58E; 0.06, h11km, 4km, Error ellipse: s-maj=8.6km s-min=4.7km az=158.5

IDC 11 09:46:33.4±4.6, 3.85S; 149.79E, h0km, mb3.2/2, ms1 3.6/2, mb1mx3.3/36, mbtmp3.3/2, MS3.8/1, Ms1 3.8/1, ms1mx2.9/17, Error ellipse: s-maj=194.6km s-min=48.6km az=112.0, Bismark Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and various station identifiers. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 11 10:00:59.5±1.8, 17.61S; 167.61E, h0km, mb3.7/6, mb1 4.0/7, mb1mx3.7/37, mbtmp3.8/7, ML3.6/1, MS3.9/1, Ms1 3.9/1, ms1mx2.8/25, Error ellipse: s-maj=49.9km s-min=27.5km az=133.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and various station identifiers. Includes stations like DZM Mont Dzumac, CTA Charters Tower, etc.

GUC 11 10:07:03.5±0.4, 28.10S; 69.50W, h108km, 19km, ML3.1, ISCJB 11 10:07:04.2±2.6, 28.2S; 0.2±69.57W; 0.06, h114km, 15km, Error ellipse: s-maj=40.4km s-min=9.2km az=178.2

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and various station identifiers. Includes stations like VACH Vallenar, LCO Las Campanas, etc.

IDC 11 10:07:30.7±6.5, 44.13N; 45.34E, h0km, Error ellipse: s-maj=194.4km s-min=43.2km az=168.0, Ukraine - Moldova - Southwestern Russia region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and various station identifiers. Includes stations like KBZ Khabaz, I43RU DUBNA INFRASONI, etc.

GUC 11 10:15:49.8±0.6, 33.92S; 72.35W, h39km, 4km, ML3.5, 2C-5D, Off coast of central Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and various station identifiers. Includes stations like LNV Longovilo, IHA Instituto Hidir, etc.

GUC 11 10:17:16.7±0.3, 29.96S; 71.18W, h63km, 7km, ML3.7, 1D, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and various station identifiers. Includes stations like LSCH La Serena, TLL Tololo Astrono, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res. Includes stations like DZET, SFK, MNAS, KK31, KK31.

ISC/JB 11 10:31:32.6:0.4, 24.48N:0.04:122.47E:0.02, h48km, 6km, Error ellipse: s-maj=6.6km s-min=2.7km az=179.1

Main table listing stations and their parameters. Columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res. Includes stations like JYNG, YONAGUNI, TWC, EGS, ENA, TWB1, etc.

ISC/JB 11 10:34:45.6:0.6, 20.03S:66.89E:h0km, mb4.1/15, Ms1=2.0km s-maj=16.5km az=70.0

ISC/JB 11 10:34:46.1:0.5, 20.1S:0.1:66.9E:0.1, h15km, mb4.1/17, Error ellipse: s-maj=16.7km s-min=14.5km az=174.3

NEIC 11 10:34:47.1:0.3, 20.04S:66.86E:h10km, mb4.3/2, Error ellipse: s-maj=12.1km s-min=10.4km az=86.0

ISC 11 10:34:48.0:0.6, 20.1S:0.1:66.9E:0.1, h15km, n26, s0659/21, mb4.2/17, Mauritius - Reunion region

Table listing stations for the Mauritius - Reunion region. Columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res. Includes stations like H08S1, H08S2, H08S3, etc.

Table listing stations in the GSPA region. Columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res. Includes stations like GSPA, VONDA, TORDI, etc.

ISC/JB 11 10:35:19.0:0.9, 20.0S:0.2:66.8E:0.2, h15km, mb3.9/8, Error ellipse: s-maj=34.7km s-min=21.6km az=156.8

ISC 11 10:35:21.0:0.9, 20.0S:0.2:66.9E:0.3, h15km, n9, s0663/9, mb3.9/9, Mauritius - Reunion region

Table listing stations in the MAW region. Columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res. Includes stations like MAW, ASAR, WRA, etc.

ISC/JB 11 10:43:40.9:1.1, 20.2S:0.2:66.7E:0.2, h16km, mb4.1/17, MS3.8/1, Error ellipse: s-maj=32.0km s-min=18.6km az=29.5

ISC 11 10:43:40.5:1.1, 20.18S:66.75E:h0km, mb4.1/16, Ms1 4.2/16, mb1mx4.0/41, mbtmp4.1/16, MS3.8/2, Ms1 3.8/2, ms1mx2.9/46, Error ellipse: s-maj=35.0km s-min=19.9km az=33.0

NEIC 11 10:43:42.0:0.6, 20.17S:66.74E:h10km, mb4.4/1, Error ellipse: s-maj=20.5km s-min=13.4km az=212.0

ISC 11 10:43:43.1:1.1, 20.2S:0.3:66.7E:0.2, h16km, n30, s0871/23, mb4.2/17, Mauritius - Reunion region

Main table listing stations in the Diego Garcia region. Columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res. Includes stations like H08S1, H08S2, H08S3, etc.

ISC/JB 11 10:50:35.4:0.6, 33.90S:72.46W, h45km, 4km, ML3.8, Off coast of central Chile

Table listing stations for the Off coast of central Chile region. Columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res. Includes stations like LNV, IHA, TACH, etc.

Table listing stations in the CLCH region. Columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res. Includes stations like CLCH, Linares, etc.

ISC 11 11:09:32.6:2.6, 27.28S:176.97W, h93km, 23km, mb3.9/10, mb1 4.0/12, mb1mx3.7/38, mbtmp4.2/12, Error ellipse: s-maj=23.8km s-min=20.2km az=53.0

ISC 11 11:09:32.9:0.7, 27.52S:0.08:176.9W:0.2, h55km, n25, s1954/20, mb4.0/17, Kermedec Islands region

Main table listing stations in the Kermedec Islands region. Columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res. Includes stations like RAO, MWZ, URZ, etc.

ISC/JB 11 11:10:52.9:0.5, 20.1S:0.1:66.9E:0.1, h15km, mb4.2/18, MS4.2/17, Error ellipse: s-maj=15.5km s-min=13.3km az=37.9

ISC 11 11:10:52.3:0.5, 20.07S:66.86E:h0km, mb4.1/18, mb1 4.3/18, mb1mx4.0/59, mbtmp4.1/18, MS4.3/8, Ms1 4.3/8, ms1mx3.9/40, Error ellipse: s-maj=17.9km s-min=14.9km az=41.0

NEIC 11 11:10:54.0:0.4, 20.04S:66.83E:h10km, mb4.6/1, Error ellipse: s-maj=12.6km s-min=10.8km az=46.0

GCMT 11 11:10:54.0:0.2, 20.01S:66.72E:h12km, MW5.0/82, Moment Tensor Solution, s28,c38; s82,c114; Duration: 0.02nt; Scale: 10^19Nm; Mr-4.01; 11; Mw0.92; 11; Mw0.3; 10; Mo-0.29; 38; Mw0.160; 10; Mw1.97; 36; Best double couple: Mo:4.44600x10^16 NP1:0.16100000; s58.000000; -1.81000000; NP2: 0.32400000; s33.000000; -1.10400000; Principal axes: T: 4.37000; Plg13.00000; Azm24.00000; N: 0.15800; Plg7.00000; Azm336.00000; P: -4.52200; Plg75.00000; Azm95.00000; nst1 refers to body waves, cutoff=40s.

ISC 11 11:10:54.8:0.6, 20.1S:0.1:66.9E:0.1, h15km, n35, s0881/23, mb4.3/18, MS4.3/7, Mauritius - Reunion region

Main table listing stations in the Diego Garcia region. Columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res. Includes stations like H08S1, H08S2, H08S3, etc.

NVAR Mina Array Bea 161.16 13 PKPab PKPab 11 31 38.4 -0.1
TXAR Lajitas Array 167.38 319 PKPab PKPab 11 32 06.0 0.0

BUJ 11 11:11:08.6,2.1918N,143.18E,h156km,mb4.6/22,
mB4.5/12
IDC 11 11:11:08.7,0.6,2.2216N,143.43E,h155km,5km,mb3.9/27,

Code Station Name Az AZZ Phase ID Time Res
JHHU Haha-jima-NKT 4.57 346 P Op ISC
CBIJ Chichi jima 5.02 348 P S Pn

JIE Hamakita 13.52 336 P Pn
JHKM Hamakita 13.53 340 P Pn
JKN2 Miekiokoku 13.56 334 P Pn

MAT Matsushiro 15.01 344 P Pn
JNU Nakatsue 15.54 317 P Pn
ERM Erimo 19.78 359 P Pmax

ERM Erimo 19.78 359 P Pmax
KSRs Korea Array 20.26 322 P P
KSAR Wonju Array Be 20.27 322 P P

HABR Khabarovsk 27.08 348 P P
HABR Haha-jima-NKT 27.08 348 P P
HABR Chichi jima 27.08 348 P P

HHC Hu-ho-hao-te 32.66 312 P P
HHC Haha-jima-NKT 32.66 312 P P
HHC Chichi jima 32.66 312 P P

GYA Guiyang 33.67 285 P P
KAPI Kappang 35.58 223 P P
SBUM Sibiu 36.08 241 P P

CD2 Chengdu 36.36 292 P P
CD2 Chongqing 36.36 292 P P
CD2 Lanzhou 36.97 301 P P

KMI Kunming 37.27 283 P P
KMI Khabarovsk 37.27 283 P P
KMI Chichi jima 37.27 283 P P

SOMN Sogino Array 39.10 320 P P
GTA Gaotai 40.76 305 P P
GTA Gaotai 40.76 305 P P

CMAR Chiang Mai Arr 41.75 273 P P
CMAR Chiang Mai Arr 41.75 273 P P
CMAR Chiang Mai Arr 41.75 273 P P

TAPN Tapejlung 50.49 288 eP P
ODAM Odare 50.84 287 eP P
RAMN Ramite 51.52 287 eP P

PKI Pulchoki 52.49 288 eP P
PKIN Phulchoki 52.50 288 eP P
DMN Daman 52.75 288 eP P

GKN Gangan 53.11 289 eP P
DANN Dangsing 53.83 290 eP P
ZALV Zalesovo Beam 53.96 321 eP P

KOLN Koldanda 54.05 289 eP P
MK31 Makanchi Array 54.53 312 eP P
MK31 Makanchi Array 54.53 312 eP P

FORF Forrest 54.67 196 eP P
KURK Kurchatov 57.27 317 eP Pmax
KURK Kurchatov 57.27 317 eP Pmax

KDAK Kodiak Island 57.70 35 P P
KDKA Kodiak Island 57.70 35 P P
CAST Castle Rocks 59.03 28 eP P

KSH Kashi 59.13 304 eP P
KSH Kashi 59.13 304 eP P
KSH Kashi 59.13 304 eP P

BPAW Bear Paw Mtn. 59.66 28 eP P
TRF Thorafore Moun. 59.83 28 eP P
TRF Thorafore Moun. 59.83 28 eP P

AAK Ala-Archa 60.04 307 eP Pmax
BWN Browne 60.32 28 eP P
SML Sawmill 60.45 30 eP Pmax

SML Sawmill 60.45 30 eP P
COLD Coldfoot 60.65 24 eP P
COLA College 61.13 27 eP Pmax

ILAR Eielson Array 61.52 27 P P
ILAR Eielson Array 61.52 27 P P
RIDG Independence I 62.28 29 eP P

BVAR Borovoye Array 62.44 319 P P
BVAR Borovoye Array 62.44 319 P P
BVRK Borovoye 62.51 319 eP P

DOT Dot Lake 62.62 29 eP P
KKAR Karatay Array 62.92 308 eP P
KKAR Karatay Array 62.92 308 eP P

LPAZ La Paz 149.69 84 PKPbc PKPbc 11 30 42.1 +0.1
LPAZ La Paz 149.69 84 PKPbc PKPbc 11 31 22.0 -3.3

IDC 11 11:15:31.9,2.0,20.26S,66.51E,h0km,mb3.7/7,
mb1 3.8/0,mb1mx3.5/59,mbtm3.9/77,Error ellipse:

Code Station Name Az AZZ Phase ID Time Res
CMAR Chiang Mai Arr 49.92 42 P ISC
ASAR Alice Springs 62.07 107 P P

WRA Warramunga Arr 63.25 103 P P
MKAR Makanchi Array 68.24 12 P P
BVAR Borovoye Array 73.05 2 P P

ZALV Zalesovo Beam 75.73 11 P P
SOMN Sogino Array 76.64 26 P P
TXAR Lajitas Array 167.31 19 PKPab PKPab

H08S1 Diego Garcia H 13.98 26 T T
H08S2 Diego Garcia H 13.99 26 T T
H08S3 Diego Garcia H 14.00 26 T T

CMAR Chiang Mai Arr 50.42 42 P
ASAR Alice Springs 62.14 107 P
WRA Warramunga Arr 63.33 103 P

AKASG Malin Array Be 78.00 337 P
TXAR Lajitas Array 167.34 19 PKPab PKPab
IDC 11 11:21:13.7,37.3,0.3039N,131.49E,h0km,Error ellipse:

Code Station Name Az AZZ Phase ID Time Res
I30JP ISSMI INFRASON 8.89 54 i P
I45RU USSURIYSK INFR 13.79 1 i P

I39PW PALAU INFRASON22.91 172 i P
I53US FAIRBANKS INFR 50.09 29 i P
IDC 11 11:21:15.6,0.7,30.55N,141.193E,h0km,mb3.7/8,

JHCJ Hachijojimakas 3.10 324 P P
JHU2 Hitachi 3.13 324 P P
JHU2 Hitachi 3.13 324 P P

JHU Hachioji jima 2 3.15 324 Pn
JHU Hachioji jima 2 3.15 324 Pn
JHU Hachioji jima 2 3.15 324 Pn

BSO1 Boso 1 4.14 348 P Pn
BSO3 Boso 3 4.38 344 P Pn
JOD2 Odawara 2 5.26 333 P Pn

JAG Ashikaga 6.20 341 P Pn
MJAR Matsushiro Arr 6.73 333 Pn
MAT Matsushiro 6.73 333 Pn

Code Station Name Az AZZ Phase ID Time Res
CHIR Chirikof Islan 0.1 142 Op ISC
CHGN Chignik 1.08 262 P S

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PLBL Peulik Blue Cr, SII Sitkinak Islan, etc.

ISCJB 11 11:22:43.5,0.9,20.2S;0.1:66.7E;0.2,h16km,mb3.9/10, Error ellipse: s-maj=29.7km s-min=19.5km az=163.1

IDC 11 11:22:43.1,0.9,20.13S;66.73E,h0km,mb3.9/10, mb1.4/0.0,mb1mx3.7/42,mbtmp3.9/10,Error ellipse: s-maj=32.9km s-min=22.1km az=59.0

ISC 11 11:22:45.0,9.20,22S;0.2:66.7E;0.2,h16km,n18, +063/12,mb4.0/1.0,Mauritius - Reunion region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H08S1 Diego Garcia H, MAW Mawson, etc.

IDC 11 11:24:54.6,0.9,34.70N;135.26E,h0km,mb3.3/4, mb1.3/5,mb1mx3.3/47,mbtmp3.3/8,ML3.0/4,MS4.1/1, MS1.4/1,ms1mx2.6/28,Error ellipse: s-maj=19.5km s-min=11.9km az=151.0

ISCJB 11 11:24:56.1,0.5,34.15N;0.0:335.20E;0.0,h14km,4km, mb3.4/4,MS4.1/1,Error ellipse: s-maj=4.5km s-min=4.1km az=6.2

JMA 11 11:24:56.6,34.17N;135.20E,h8km,M3.4 Broadband fault plane solution: P waves, NP1=206.000000, delta.000000, lambda.109.000000, NP2=359.000000, delta.000000, lambda.70.000000. Principal axes: T Plg76.000000, Azm188.000000; N Plg14.000000; Azm13.000000; P Plg1.000000; Azm283.000000;

JMA Felt II J1, ISC 11 11:24:56.1,1.34,12N;0.0:335.22E;0.0,h7km,9km, n18,+091/30,mb3.4/4,8d,Near south coast of western Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JWM Minabe, JWW Kouya, etc.

MEX 11 11:30:07.5,0.6,18.22N;98.35W,h46km,11km,MD3.8, Central Mexico

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TLIG Tiapa, TLIG Popocatepeti, etc.

NNC 11 11:30:40.0,4.0,46.83N;-81.88E,h0km,mb4.1,mpv3.2, 17C-3D,Error ellipse: s-maj=8.8km s-min=4.1km az=60.0, Eastern Kazakhstan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MK09 Makanchi Array, MK05 Makanchi Array, etc.

BUI 11 11:32:36.3,19.94S;-66.16E,h10km,mb4.7/32,mb5.2/23, Ms5.4/11,Ms7.0/11

MOS 11 11:32:37.9,1.3,19.97S;66.98E,h10km,mb5.0/17,Error ellipse: s-maj=14.3km s-min=7.3km az=106.3

IDC 11 11:32:37.2,0.5,20.08S;66.82E,h0km,mb4.4/19, mb1.4/5/19,mb1mx4.4/36,mbtmp4.4/19,MS4.8/4, MS1.4/7.4,ms1mx4.2/35,Error ellipse: s-maj=19.0km s-min=15.0km az=49.0

ISCJB 11 11:32:38.4,0.3,20.06S;0.0:66.80E;0.0,h14km, mb4.7/56,MS4.7/4,Error ellipse: s-maj=9.2km s-min=7.9km az=8.3

NEIC 11 11:32:39.8,0.3,19.96S;66.82E,h10km,mb4.9/18,Error ellipse: s-maj=9.5km s-min=8.7km az=203.0

GCMT 11 11:32:39.8,0.2,20.00S;66.08E,h12km,MW5.3/87, Moment Tensor Solution. s55,c67; s87,c136; Duration: 1s1 Moment tensor: Scale 1017Nm; Mrr-1.17e-03; Mth0.37e-03; Mth0.80e-03; Mth0.20e-09; Mth-0.52e-03; Mth0.60e-08; Best double couple: M1.31200e10; NP1=168.000000; delta.000000; lambda-83.000000; NP2=363.000000; delta.000000; lambda-120.000000; Principal axes: T 1.2180,Plg10.000000; Azm241.000000; N 0.1890,Plg18.000000; Azm334.000000; P -1.4050,Plg69.000000; Azm123.000000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 11 11:32:40.0,0.6,20.09S;0.0:66.76E;0.0,h12km,3km, n180,+1940/209,mb4.8/56,MS4.7/4,8C-15D,Mauritius - Reunion region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H08S1 Diego Garcia H, H08S2 Diego Garcia H, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GYA 10.0nm,1.0s, GYA 90nm,5.0s, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like VOIR Beijing, NVS Novosibirsk, SONMI Songhino Array, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like MSO Missoula, G08A G08A, I07A Izeze, etc.

Geographical notes and station details. Includes SZGRF 11 1:43:00.5, 5:51N, 93:65E, h10km, mb5.3, MS5.1, Off west coast of northern Sumatera, Indonesia.

Table with columns for Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CMBY CAMPBELL BAY, LHMI Lhok Sumawe, etc.

Table with columns for station name, coordinates, and various parameters. Includes stations like PALK 0.5nm, 0.3s, baz=116, slow=16, SNR=4.7, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SCZT, TWG, CHKT, CHKT, SSD, SGLT, ELDTW, ELDTW, TWM1, TWM1, TWF1, TWF1, STYT, STYT, SGST, SGST, EHY, EHY, CHN1, CHN1, CHN1, WTP, WTP, YUS, YUS, YAH, YAH, TAI1, TAI1, TWK, TWK, CHN4, CHN4, ALS, ALS, SCLT, SCLT, SCLT, ESL, ESL, WDT, WDT, WDT, CHY, CHY, CHY, SMLT, SMLT, TYC, TYC, WNT, WNT, WSF, WSF, WHF, WHF, WDG1, WDG1, WTCT, WTCT, TWT, TWT, TCU, TCU, NNS, NNS, PNG, PNG, JYNG, JYNG, YOJ, YOJ, ENTT, ENTT, IRIF, IRIF, NSK, NSK, JKRS, JKRS, JIJ, JIJ, JISG, JISG, JTJ, JTJ, CMAR, CMAR, SONM, SONM, WKAR, WKAR, ZALV, ZALV, BVAR, BVAR, ILAR, ILAR, FINES, FINES, ARCES, ARCES, NOA, NOA.

Table with columns: NIUE, Niue, AFI, AFI, DZM, DZM, URZ, URZ, URZ, EIDS, EIDS, EIDS, ARMA, ARMA, ARMA, MGCD, MGCD, RMQ, RMQ, CNB, CNB, RABL, RABL, CTAO, CTAO, CMSA, CMSA, PMG, PMG, PMG, QLP, QLP, MTSU, MTSU, TOO, TOO, COEN, COEN, COEN, ARPS, ARPS, QIS, QIS, HTT, HTT, BBOO, BBOO, BBOO, JAY, JAY, ASAR, ASAR, ASAR, ASAR, WRAB, WRAB, WRA, WRA, WRA, WRA, KDU, KDU, MTN, MTN, FORT, FORT, FORT, WRKA, WRKA, KNRA, KNRA, FAKI, FAKI, SWI, SWI, FITZ, FITZ, FITZ, KMBL, KMBL, SOEI, SOEI, MBWA, MBWA, MEEK, MEEK, KLRB, KLRB, VNSA, VNSA, VNSA, NWAO, NWAO, BLDU, BLDU, MORW, MORW, LUWI, LUWI, GIRL, GIRL, JHJ, JHJ, KKM, KKM, MJAR, MJAR, UGM, UGM, QSPA, QSPA, SMRI, SMRI, LEM, LEM, ASAJ, ASAJ, KSM, KSM, KSM, SSLB, SSLB, YSS, YSS, PETK, PETK, KRSR, KRSR, KSAR, KSAR, USRK, USRK, MDJ, MDJ, NVAR, NVAR, LDLC, LDLC, PMS, PMS, BNM, BNM, IPM, IPM.

Table with columns: PSI, Prapat, SKNT, SKNT, TRTT, TRTT, SEY, SEY, SRIT, SRIT, SURA, SURA, NONG, NONG, KRAB, KRAB, TXAR, TXAR, MCMT, MCMT, ILAR, ILAR, SNA, SNA, VNA, VNA, CRAI, CRAI, CNAR, CNAR, CHTO, CHTO, SONM, SONM, ZALV, ZALV, MKAR, MKAR, BVAR, BVAR, ARCES, ARCES, GEYT, GEYT, FINES, FINES, AKASG, AKASG, AKAS, AKAS, BRTR, BRTR, BURAR, BURAR, GFLA, GFLA, CLL, CLL, BRG, BRG, BRG, MLR, MLR, GERES, GERES, GERES, BZS, BZS, PKSM, PKSM, TORD, TORD, Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PSI, Prapat, SKNT, TRTT, SEY, SRIT, SURA, NONG, KRAB, TXAR, MCMT, ILAR, SNA, VNA, CRAI, CNAR, CHTO, SONM, ZALV, MKAR, BVAR, ARCES, GEYT, FINES, AKASG, AKAS, BRTR, BURAR, GFLA, CLL, BRG, MLR, GERES, GERES, BZS, PKSM, TORD, and various Code/Station Name entries.

ISCJB 11 13:04:03.0, 3.19, 88S:0.06:178.06W:0.06, h569km, mb4.6/44, Error ellipse: s-maj=9.1km s-min=5.7km az=146.8
NEIC 11 13:04:03.6, 0.8, 19.87S:178.06W, h560km, 9km, mb4.7/23, Error ellipse: s-maj=10.2km s-min=6.9km az=147.0
AUST 11 13:04:04.1, 0.0, 19.76S:177.98W, h560km, Error ellipse: s-maj=1.6km s-min=1.2km az=300.0
IDC 11 13:04:04.4, 1.2, 19.87S:178.14W, h564km, 13km, mb3.8/13, mb1.4/11, mb1mx3.9/25, mbtmp4.7/16, Error ellipse: s-maj=14.7km s-min=11.3km az=128.0
ISC 11 13:04:04.3, 0.4, 19.87S:0.08:178.01W:0.07, h569km, n111, 0.1912/122, mb4.6/44, 4C-3D, Fiji Islands region

ISCJB 11 13:24:09.8, 0.7, 18.44S:0.08:65.4W:0.1, h10km, mb3.8/4, mb1.4/11, mb1mx3.8/34, mbtmp3.9/25, mbtmp4.7/16, Error ellipse: s-maj=14.7km s-min=11.3km az=128.0
IDC 11 13:24:10.1, 0.9, 18.38S:65.47W, h0km, mb3.8/4, mb1.4/11, mb1mx3.8/34, mbtmp3.9/25, mbtmp4.7/16, Error ellipse: s-maj=14.7km s-min=11.3km az=128.0
ISC 11 13:24:11.6, 0.7, 18.40S:0.08:65.5W:0.1, h10km, n12, 0.094/12, mb3.8/4, Central Bolivia

GUC 11 13:28:54.7, 0.5, 33.96S:72.34W, h38km, 2km, ML3.8, Off coast of central Chile
Code Station Name Az Az' Phase ID Time Res h m s ISC
U73B San Pedro 0.77 87 Op ISC
U73B 0.77 87 Op Pn
U73B 0.77 87 Op Sn
U73B 0.77 87 Op AML
U73B 0.77 87 Op AML

ISCJB 11 13:54:01.2, 0.7, 6.88N:73.01W:0.10, h166km, mb2.8/1, Error ellipse: s-maj=17.4km s-min=6.6km az=42.3
FUNV 11 13:54:04.1, 6.88N:73.04W, h149km, MW3.1

Table with columns for station code, name, frequency, and other technical details. Includes stations like ISTR, MSAB, ANOYIA, etc.

Table with columns for station code, name, frequency, and other technical details. Includes stations like FETA, MOTA, BRTR, etc.

Table with columns for station code, name, frequency, and other technical details. Includes stations like CABC, CABC, CABC, etc.

11d 18h

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like Valdivia, Talca, Hualaeb, Osorno, San Pedro, etc.

AUST 11 18:03:18.0, 4.0, 43.735, 172.66E, h0km, Error ellipse: s-maj=13.3km s-min=5.4km az=124.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like Canterbury Las, Canterbury Las, etc.

2010 SEP

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like Fox Glacier, Cape Campbell, Tuamarina, etc.

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Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like Waihua, Rimuhau, Urewera, etc.

MEX 11 18:14:46.2±0.6, 16.43N, 92.84W, h16km±11km, MD3.7, Chiapas

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like Comitan, Manantlan, etc.

11d 18h

Table with columns: Call Sign, Name, Frequency, Power, Modulation, Direction, Azimuth, Elevation, SNR, and other parameters. Includes entries for WMOK Wichita Mounta, TUL1 Tulsa, W34A Bridge Creek, etc.

2010 SEP

Table with columns: Call Sign, Name, Frequency, Power, Modulation, Direction, Azimuth, Elevation, SNR, and other parameters. Includes entries for T29A Hugoton, Q34A Chapman, S30A Montezuma, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Modulation, Direction, Azimuth, Elevation, SNR, and other parameters. Includes entries for MVCO Mesa Verde, SADO Sadowa, LONY Lake Ozonia, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like J27A, J25A, GSC Goldstone, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like D26A, C28A, REDW, B30A, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like VLL, TBM, WTV, G03D, etc.

Table with columns: FITZ, NJ2, NJ2, NJ2, etc. Includes station names like Fitzroy Crossi, Nanjing, comp-Z, 160nm, 8.7s, etc.

IDC 11 18:59:14.6, 6.4, 21.18N, 145.08E, h0km, mb3.4/2, mb1 3.6/3, mb1mx3.3/40, mbtbp3.5/7, ML3.6/1, Error ellipse: s-maj=293.2km s-min=40.8km az=83.0, Mariana Islands region

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

Main table with columns: TURN, DALY, DALY, DALY, etc. Includes station names like Turn, Dalyan (Mu'la), Nisyros Isl., Nisiro, Nisiro, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like YUH Yuha Desert, WESC Westside Schoo, IBP Imperial Bould, etc.

IDC 11 19:46:01.0, 12.0, 17.22S, 178.67W, h534km, 130km, mb2.9/3, mb1 3.0/3, mb1mx2.7/22, mbtbp3.8/3, Error ellipse: s-maj=85.0km s-min=33.6km az=28.0, Fiji Islands region

WEL 11 19:50:59.6, 0.1, 43.57S, 172.39E, h7km, ML3.7/18, 6C-3D, Error ellipse: s-maj=0.4km s-min=0.3km az=0.0, South Island

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Residual. Includes stations like Istanbul-Kandi, Iznik, and Dursunbey.

ISCJB 11 21:53:33.0, 4.1, 12.53N, 0.05:88.67W, 0.0:0.5, h35km, mb4.6/48, MS3.7/18, Error ellipse: s-maj=8.3km, s-min=5.4km az=33.0

NEIC 11 21:53:38.5, 1.1, 12.63N, 88.74W, h60km, 9km, mb4.7/45, Error ellipse: s-maj=14.7km, s-min=6.9km az=52.0

NEIC Felt [I] at San Salvador, IDC 11 21:53:38.2, 3.5, 12.80N, 88.69W, h53km, 32km, mb4.0/9, mb1.4/211, mb1mx3.8/36, mbtmp4.3/11, ML3.2, MS3.7/18, Ms1.3/7.18, ms1mx3.5/31, Error ellipse: s-maj=36.7km, s-min=16.5km az=63.0

ISC 11 21:53:36.2, 0.5, 12.65N, 0.07:88.71W, 0.0:0.8, h35km, n385, o584/375, mb4.7/48, MS3.7/18, Off coast of central America

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Residual. Lists numerous stations across the Americas.

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Residual. Lists numerous stations across the Americas.

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Residual. Lists numerous stations across the Americas.

R26A	Arlington	28.72 335	P	P	21 59 30.6 +0.2
N35A	Tabor	28.75 349	P	P	21 59 31.4 +0.9
O32A	Brockman Farm,	28.77 345	P	P	21 59 30.9 +0.2
Q28A	Sharon Springs	28.77 338	P	P	21 59 31.1 +0.3
N34A	Lincoln	28.90 348	P	P	21 59 31.8 0.0
O31A	Woolen Ranch,	28.95 343	P	P	21 59 32.2 0.0
K50C	Kaye Shedlock'	29.01 337	P	P	21 59 32.8 -0.2
N33A	J Bar K, Exete	29.01 346	P	P	21 59 33.0 +0.2
SDCO	Great Sand Dun	29.15 332	P	P	21 59 34.4 0.0
SDCO	Great Sand Dun	29.15 332	eP	P	21 59 36.0 +1.6
P28A	Saint Francis	29.19 339	P	P	21 59 34.6 0.0
N32A	Stulken Farm,	29.24 345	P	P	21 59 35.1 +0.2
Q26A	Hugo	29.28 336	P	P	21 59 35.7 +0.3
214A	Organ Pipe Nat	29.31 315	P	P	21 59 35.6 0.0
O29A	4D Ranch, Culb	29.37 341	P	P	21 59 36.6 +0.5
W18A	Petrified Fore	29.37 323	P	P	21 59 36.3 0.0
P27A	Ficken Ranch,	29.47 338	P	P	21 59 37.6 +0.5
M34A	Aspy Farms, Fr	29.56 348	P	P	21 59 37.9 +0.3
O28A	Krutsinger Ran	29.69 340	P	P	21 59 39.4 +0.4
M33A	Taylor Creek F	29.75 347	P	P	21 59 39.6 +0.2
N30A	Hueffle Ranch,	29.77 342	P	P	21 59 40.2 +0.6
S22A	4UR Ranch, Cre	29.77 330	P	P	21 59 40.1 +0.2
S22A	4UR Ranch, Cre	29.77 330	eP	P	21 59 40.1 +0.2
N29A	Votaw Ranch,	29.95 342	P	P	21 59 42.3 +1.1
L35A	Blelow Farm, R	29.95 350	P	P	21 59 42.0 +0.8
M31A	Lambrecht Ranc	29.96 344	P	P	21 59 42.0 +0.7
Q24A	Divide	29.99 334	P	P	21 59 42.4 +0.5
O27A	Beecher Island	30.00 339	P	P	21 59 42.4 +0.8
MV7C	Mesa Verde	30.20 327	P	P	21 59 44.0 +0.3
WU4Z	Wupatki	30.62 322	eP	P	21 59 48.9 +1.6
ISCO	Idaho Springs	30.89 334	eP	P	21 59 51.4 +1.6
K29A	Lazy Trails An	31.64 344	P	P	21 59 56.3 +0.2
J31A	Geddes	31.74 346	P	P	21 59 57.3 +0.4
N23A	Red Feather La	31.94 335	P	P	21 59 59.3 +0.3
I33A	Coleman	32.05 349	P	P	22 00 00.1 +0.4
BC3	Big Chuckwall	32.11 315	P	P	22 00 00.4 0.0
K27A	Fleuckinger Fa	32.16 341	P	P	22 00 01.0 +0.3
IRM	Iron Mountain	32.19 316	P	P	22 00 00.9 -0.1
J29A	Okreek	32.24 344	P	P	22 00 01.5 +0.1
MONP	Monument Peak	32.37 313	P	P	22 00 02.6 -0.2
K26A	Motz Farm, Whi	32.47 340	P	P	22 00 03.3 -0.1
I30A	Oacoma	32.49 346	P	P	22 00 03.8 +0.3
J28A	Allard Ranch,	32.52 343	P	P	22 00 04.0 +0.3
H32A	Carlson Farm,	32.61 348	P	P	22 00 04.4 -0.1
K25A	Mack Ranch, Ha	32.62 339	P	P	22 00 05.1 +0.3
SPMN	St. Paul	32.65 355	P	P	22 00 04.2 -0.6
SPMN	St. Paul	32.65 355	eP	P	22 00 03.9 -0.9
H33A	Prehn Over Nor	32.65 349	P	P	22 00 05.2 +0.3
PFO	Pinyon Flat Ob	32.78 314	LR	LR	22 13 01.7
H31A	Wolsey	32.80 347	P	P	22 00 07.0 +0.8
I29A	Vivian Onida	32.81 344	P	P	22 00 07.0 +0.7
109C	Camp Elliot, M	32.86 312	P	P	22 00 06.8 0.0
SUSD	South Dakota S	32.88 346	P	P	22 00 07.6 +0.7
GMRC	Granite Mounta	32.89 317	P	P	22 00 07.6 +0.3
I28A	Midland	33.03 343	P	P	22 00 08.7 +0.5
SADO	Sadowa	33.04 13	P	P	22 00 07.3 -0.9
P17A	Butcher Ranch,	33.06 328	eP	P	22 00 10.4 +1.6
SAML	Samuel	33.22 129	eP	P	22 00 08.8 -1.3
J25A	Sunshine Ranch	33.29 340	P	P	22 00 11.1 +0.5
I27A	Quinn	33.34 342	P	P	22 00 11.4 +0.5
I26A	New Underwood	33.55 341	P	P	22 00 13.3 +0.4
H28A	Mission Ridge	33.61 344	P	P	22 00 13.6 +0.3
K22A	Casper	33.65 336	P	P	22 00 14.3 +0.5
K22A	Casper	33.65 336	eP	P	22 00 14.7 +0.9
F33A	5 Mile Ranch,	33.70 350	P	P	22 00 14.5 +0.5
I25A	Rochford	33.82 340	P	P	22 00 15.7 +0.3
H27A	Howes	33.87 343	P	P	22 00 16.0 +0.5
RSSD	Black Hills	34.01 340	eP	P	22 00 18.3 +1.3
H26A	Fairpoint	34.06 342	P	P	22 00 17.0 -0.2
E35A	Pequot Lakes	34.14 353	P	P	22 00 17.6 -0.1
E34A	Wadena	34.19 352	P	P	22 00 18.1 -0.2
F30A	Leola	34.22 347	P	P	22 00 18.9 +0.4
H25A	Fruitdale	34.32 341	P	P	22 00 19.5 0.0
G27A	Dupree	34.51 343	P	P	22 00 21.5 +0.4
TPNV	Topoph Spring	34.56 319	P	P	22 00 21.6 -0.2
D35A	Remer	34.61 354	P	P	22 00 22.2 +0.3
D34A	Park Rapids	34.76 352	P	P	22 00 23.0 -0.1
G25A	Newell	34.77 342	P	P	22 00 23.8 +0.4
MPMC	Manual Prospec	34.85 317	P	P	22 00 24.0 -0.3
D33A	AnnSam, Waubun	34.90 351	P	P	22 00 24.0 -0.3
F27A	Lemmon	34.99 344	P	P	22 00 25.3 +0.1
I19A	Crowheart	35.20 334	P	P	22 00 27.4 +0.1
LP4Z	La Paz	35.23 144	P	P	22 00 29.9 +1.8
LP4Z	0.5nm, 0.6s, baz=22, slow=5.4, SNR=2.2		LR	LR	22 15 05.2

D30A	Buchanan	35.37 348	P	P	22 00 28.0 -0.4
I20A	Worland	35.38 335	P	P	22 00 28.5 -0.1
C31A	Laramie Farms,	35.84 350	P	P	22 00 32.1 -0.3
D28A	Regan	35.85 346	P	P	22 00 32.3 -0.3
C30A	Moose, Pekin	35.89 349	P	P	22 00 32.5 -0.3
E25A	Miller Ranch,	35.95 343	P	P	22 00 33.1 -0.4
AGMN	Agassiz Nation	36.03 352	P	P	22 00 33.6 -0.5
AGMN	Agassiz Nation	36.03 352	eP	P	22 00 33.3 -0.8
REDW	Red Top Meadow	36.08 332	eP	P	22 00 34.8 -0.1
LOHW	Long Hollow	36.16 333	eP	P	22 00 36.9 +1.4
TPAW	Teton Pass	36.22 332	eP	P	22 00 35.3 -0.9
B32A	Ashes, Strandg	36.23 351	P	P	22 00 35.7 -0.1
MDND	Maddock	36.25 348	P	P	22 00 36.1 +0.1
C28A	Hausauer Farms	36.30 347	P	P	22 00 36.7 +0.3
M00A	Moose Ponds	36.33 333	eP	P	22 00 36.5 -0.4
FXWY	Fox Creek	36.37 332	eP	P	22 00 36.9 -0.5
D25A	Fairfield	36.52 343	P	P	22 00 38.5 +0.2
C27A	Saylor Ranch,	36.56 345	P	P	22 00 38.5 -0.1
FLWY	Flagg Ranch	36.57 333	eP	P	22 00 36.7 -2.4
NV01	Mina Array Sit	36.75 320	eP	P	22 00 41.2 +0.6
NV01	Mina Array Sit	36.75 320	eP	P	22 00 39.5 -1.1
NVAR	Mina Array Bea	36.75 320	P	P	22 00 40.5 +0.9
NVAR	1.0nm, 0.6s, baz=141, slow=3.5, SNR=6.8		P	P	22 03 03.5 -0.1
B29A	Wagenman Farm,	36.79 348	P	P	22 00 41.9 +0.9
RLMT	Red Lodge	36.80 335	eP	P	22 00 41.9 +0.9
C26A	Wahner Farm, P	36.81 345	P	P	22 00 40.8 0.0
LAO	LASA Array	37.00 340	P	P	22 00 42.5 0.0
A30A	Hoffart Farm,	37.05 349	P	P	22 00 42.4 -0.4
A29A	Manning Farm,	37.20 349	P	P	22 00 43.8 -0.3
HLID	Hailey	37.93 329	P	P	22 00 50.6 +0.1
ULM	Lac du Bonnet	37.95 353	P	P	22 00 48.5 -1.8
ULM	Lac du Bonnet	37.95 353	eP	P	22 00 48.9 -1.4
DGMT	Dagmar	37.96 343	P	P	22 00 51.3 +0.7
DGMT	Dagmar	37.96 343	eP	P	22 00 51.1 +0.6
A25A	Svangustu Ranch	38.10 345	P	P	22 00 52.1 +0.4
MCMT	McKenzie Canyo	38.12 332	eP	P	22 00 52.9 +0.7
EGMT	Eagleton	39.39 338	eP	P	22 01 07.2 +4.6
N5HM	Saint Helena R	39.61 317	eP	P	22 01 04.5 +0.1
O03D	Paynes Creek	40.04 320	P	P	22 01 08.1 0.0
M5O	Missoula	40.14 333	P	P	22 01 09.0 +0.1
M04C	Macdoel	40.91 321	P	P	22 01 15.0 -0.4
F10A	Beach Ranch, E	41.06 330	eP	P	22 01 17.6 +1.2
EDM	Edmonton	44.98 339	eP	P	22 01 48.2 +0.2
SCHO	Schefferville	45.45 18	P	P	22 01 50.1 -1.6
SCHO	1.1nm, 0.8s, baz=233, slow=6.6, SNR=7.2		LR	LR	22 21 51.2
SCHO	comp=Z, 1.60nm, 18.4s, baz=232, slow=37		LR	LR	22 21 50.1 -1.6
SCHO	Schefferville	45.45 18	eP	P	22 21 24 26.7
CPUP	Villa Florida	49.32 142	LR	LR	22 02 49.0 -1.0
YKA	Yellowknife Ar	53.10 345	P	P	22 02 49.0 -1.0
YKA	Yellowknife Ar	53.10 345	eP	P	22 02 49.0 -1.0
YKB5	Yellowknife Ar	53.10 345	eP	P	22 02 49.0 -1.0
RES	Resolute Bay	62.12 358	eP	P	22 03 52.1 -1.1
IL1	Elison Array	65.34 336	eP	P	22 04 12.8 -1.9
ILAR	Eielson Array	65.34 336	P	P	22 04 12.8 -1.9
ILAR	1.2nm, 1.1s, baz=134, slow=6.4, SNR=6.8		PP	PP	22 06 39.5 +1.0
ILAR	0.4nm, 0.8s, baz=117, slow=6.0, SNR=4.2		LR	LR	22 38 03.4
ILB	Eielson Array	65.34 336	eP	P	22 04 12.8 -1.9
ILB	Eielson Array	65.34 336	ePP	P	22 06 39.5 +1.0
MLY	Manley	66.96 336	eP	P	22 04 23.8 -1.3
SPITS	Spitsbergen Ar	80.76 12	LR	LR	22 44 04.4
NOA	NORSAR Array B	83.78 29	LR	LR	22 39 30.7
ARCES	ARCES Array B	86.39 19	LR	LR	22 45 49.5
TORD	Torodi Ar. Bea	87.56 77	LR	LR	22 42 53.7
GERES	GERES Array B	88.58 40	LR	LR	22 47 28.5
FINES	FINES Array B	90.33 26	LR	LR	22 45 11.3
AKASO	Main Array Be	97.05 34	LR	LR	22 48 38.6
SONO	Songino Array	118.30 349	ePKPdf	PKPdf	22 12 19.9 -0.3
SOMN	Songino Array	118.30 349	PKP	PKP	22 12 19.9 -0.3
MK32	Makanchi Array B	120.28 7	ePKPdf	PKPdf	22 12 22.6 -1.3
MKAR	Makanchi Array	120.28 7	PKP	PKP	22 12 22.6 -1.3
BJI	Beijing	122.70 337	PKP	PKP	22 12 22.0 -6.7
BJI	72nm, 15.8s		LZ	LZ	
BJI	45nm, 20.2s		LZ	LZ	
HHC	Hu-ho-hao-te	123.56 342	ePKP	PKP	22 12 24.6 -5.9
HHC	Hu-ho-hao-te	123.56 342	PP	PP	22 14 18.8 +7.7
HHC	29nm, 8.9s		SS	SS	22 30 50.9 -4.6
HHC	89nm, 18.0s		LN	LN	
HHC	86nm, 18.3s		LZ	LZ	
HHC	78nm, 17.0s		LZ	LZ	
WMQ	Wuqi	123.71 3	ePKP	PKP	22 12 24.9 -5.7
KSH	Kashi	126.17 15	ePKP	PKP	22 12 32.6 -3.0
KSH	Kashi	126.17 15	ePP	PP	22 14 37.3 +8.7
KSH	Kashi		PPMZ	PPMZ	
LZH	Lanzhou	130.10 347	ePKP	PKP	22 12 46.5 +3.3
LZH	Lanzhou		SPKP	SPKP	22 13 12.3
LZH	comp=N, 120nm, 18.1s		LR	LR	
LZH	comp=E, 120nm, 18.0s		LR	LR	
CD2	Chengdu	135.06 345	PKP	PKP	22 12 48.5 -4.1
WRA	Warramunga Ar	138.15 254	PKP	PKP	22 12 57.6 -0.8
AS12	Alice Springs	138.20 249	ePKP	PKP	22 12 58.1 -0.4
ASAR	Alice Springs	138.20 249	PKP	PKP	22 12 58.1 -0.4
KMI	Kuming	140.83 343	PKP	PKP	22 12 59.0 -4.5
CM31	Chiang Mai Arr	148.18 346	ePKP	PKP	22 13 17.3 +1.2
CMAR	Chiang Mai Arr	148.18 346	PKP	PKP	22 13 17.3 +1.2
CMAR	comp=Z, 3.9nm, 0.7s, baz=346, slow=1.9, SNR=27		LR	LR	

NIED 11 22:41:00, 24:30N, 121:70E, h80km, Mw4.3 Best double couple: M3: 17000x1015 NP1: 81.00000x 810.00000x 1.15.00000. NP2: 337.00000x 887.00000x 1.100.00000.0

BJI 11 22:41:04.7, 24:50N, 121:59E, h8km, mb4.3/13, mb4.3/7, ML4.4/10, Ms7 3.5/3

JMA 11 22:41:05.9, 0.1, 24:33N, 121:70E, h64km, 2km, M4.4

ISCBJ 11 22:41:06.5, 0.1, 24:45N, 0:02, 121:80E, 0:01, h70km, 1km, mb4.1/32, Error ellipse: s-maj=2.9km s-min=1.9km az=151.7

IDC 11 22:41:07.0, 0.3, 24:41N, 121:92E, h66km, 28km, mb3.7/16, mb1 3.6/18, mb1mx3.7/36, mb1mp4.0/18, ML3.1/2, MS3.1/6, Ms1 3.2/8, ms1mx2.9/29, Error ellipse: s-maj=16.8km s-min=15.5km az=4.0

NEIC 11 22:41:07.2, 24:39N, 121:76E, h60km, mb4.5/13, After TAP.

NEIC Recorded [3 TAP] in Hua-lien and I-lan; [2 TAP] in Nan-tou and Tao-yuan; [1 TAP] in Hsin-chu, Miao-li and Tai-chung.

TAP 11 22:41:07.2, 24:39N, 121:76E, h60km, ML4.8, B BKK 11 22:41:09.7, 0.5, 25°N, 121°E, h10km, M4.6/10, mb5.9/3, mb4.5/10, ML4.6/11, Mw(mB)5.5/3

ISC

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Cannon Point, Namu Road, Palmer Road, Wellington, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like Aropoanui, Aropoanui, Denniston North, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Phase ID, Time, Res, and other parameters. Includes stations like MKAR, KURBE, AB31, etc.

Table with columns: ID, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, and other parameters. Includes stations like Anoyia, Sivas, Voulas, Athens, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, and other parameters. Includes stations like Vlachokerasia, Efpalio, Goura, Kalithea, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, and other parameters. Includes stations like Moragy, Kucevo, Svalajnac, etc.

ROM 12 02:02:13.3±0.1, 43.41N-12.49E, h7km, Mdl.1±0.3, M1.2/1, Error ellipse: s-maj=0.4km s-min=0.1km az=94.0, Central Italy

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, and other parameters. Includes stations like AVT-Monte Val, Pieia, etc.

CSEM 12 02:28:27.2±0.4, 37.34N-20.35E, h5km, MD3.5, Error ellipse: s-maj=7.7km s-min=3.7km az=57.0

ATH 12 02:28:27.2, 37.26N-20.25E, h32km, 2km, MD3.5/24

THE 12 02:28:27.8, 37.41N-20.37E, h10km, 3km, ML2.7/4, Error ellipse: s-maj=1.4km s-min=1.6km az=234.0

ISC 12 02:28:27.9±1.8, 37.32N-20.30E±0.07, h25km±14km, n92, c1528/117, Ionian Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, and other parameters. Includes stations like Strofades, Anninata, Valsamata, etc.

DDA 12 02:42:56.9, 37.05N-27.63E, h7km, MD2.6

ISK 12 02:42:56.7, 37.09N-27.63E, h5km, MD2.4

CSEM 12 02:42:57.7±0.2, 37.05N-27.65E, h2km, MD2.6, Error ellipse: s-maj=5.3km s-min=4.2km az=152.0

ISC 12 02:42:56.5±1.1, 37.02N-27.69E±0.03, h4km±14km, n15, c1501/25, Turkey

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, and other parameters. Includes stations like Kayabasi, Bodrum, Yerkelik, etc.

BUC 12 02:50:31.9±0.7, 45.93N-20.69E, h12km, 5km, MD3.6/6, Error ellipse: s-maj=8.2km s-min=4.0km az=20.0

BEO 12 02:50:31.4±0.3, 45.95N-20.76E, h0km, ML3.2/1

ISC/B 12 02:50:31.9±0.4, 45.89N-20.70E±0.02, h9km±2km, Error ellipse: s-maj=2.3km s-min=1.9km az=26.1

SIGU 12 02:50:32.1±0.1, 45.85N-20.70E±0.01, h10km, n13, i/4

PRU 12 02:50:33.8, 45.84N-20.66E, h17km

CSEM 12 02:50:34.0±0.1, 45.89N-20.68E, h20km, MD3.6, Error ellipse: s-maj=2.8km s-min=1.9km az=34.0

ISC 12 02:50:32.9±1.0, 45.88N-20.67E±0.01, h9km±9km, n190, c1919/291, 59C-52D, Northwestern Balkan

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, and other parameters. Includes stations like Timisoara, Banloc, Buzias, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Phase ID, and other parameters. Includes stations like Cluj-Napoca, Lazii#263i, Boljevac, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CMAR, CHTO, ULN, SONM, MK31, MKAR, VNSA, ZALV, EK52, KURK, BRVK, MCK, ABKAR, ILAR, TORD, DBIC, CPUP, LPZA.

WEL 12 04:07:41.8:0.1,43555x172.39E,h6km,ML3.5/13,3C-5D, Error ellipse: s-maj=0.4km s-min=0.4km az=0.0, South

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CRLZ, CRIZ, MOZ, OXF, LTY, RATA, WVT, WVV, WVZ, KHZ, LBZ, THZ, DEN, DSZ, ODH, FOZ, BSW, NNZ, QNZ, EAR, PLW, TUZ, CAW, KIW, APZ.

CSEM 12 04:07:08.6:0.1,42.94N,0.32E,h5km,ML3.5/36, Error ellipse: s-maj=1.5km s-min=1.1km az=154.0, LDG 12 04:07:09.2:0.1,42.87N,0.25E,h2km,ML3.6/3,MI3.5/42, Error ellipse: s-maj=1.3km s-min=1.1km az=147.0, MRB 12 04:07:09.8,42.89N,0.27E,h3km,3km,ML3.3/20, Error ellipse: s-maj=0.9km s-min=0.7km az=214.0, ISJCB 12 04:07:09.4:0.2,42.93N,0.02:0.24E:0.01,h23km,2km, Error ellipse: s-maj=2.8km s-min=1.8km az=21.0, STR 12 04:07:09.1:0.1,42.89N,0.27E,h5km,MI3.4, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0, MDD 12 04:07:10.0:0.1,42.89N,0.28E,h0km,mlBg3.2/44, Error ellipse: s-maj=1.7km s-min=1.2km az=8.0, PFXIM2 INMG 12 04:07:10.1:2,42.89N,0.31E,h7km,2km,ML2.7, Error ellipse: s-maj=2.0km s-min=1.4km az=50.0, IGL 12 04:07:10.5,42.89N,0.29E,h0km, ISC 12 04:07:08.6:0.5,42.93N,0.01:0.29E:0.01,h17km,2km, n411,146/582,6C-5D,Pyrenees

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EPF, RESF, LABF, VIEF, PYLO, MELF, MONT, REYF, MLS.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MLS, MOUT, ETSF, FDF, SALU, TREMP, ARETTE, ESTER, CSOR, YBER, YSIS, PAND, YMUS, YORG, ARBS, YASP, YASN, CAVN, IELO, SJPF, YARA, IEPA, YSOS, OSSF, LPEF, YNAR.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like YNAR, NARDUES, IZUN, CLLI, IUNC, ESAC, EALK, CARF, IUSE, VALF, EARA, MTLF, CBRU, CORI, LRFD, POBLET, EPOB, FILF, CFON, ERTA, EJON.

12d 4h

Table with columns: LDF, La Druitiere, 5.67 357, ePn, Pn, 04 08 34.1 +2.1, 04 10 08.6 -1.9, HAU, Haudompre, 6.62 38, eSg, Sg, 04 10 37.9 -3.1, etc.

2010 SEP

Table with columns: HAU, Haudompre, 6.62 38, eSg, Sg, 04 10 37.9 -3.1, HAU, Haudompre, 6.62 38, eSg, Sg, 04 10 37.9 -3.1, etc.

594

Table with columns: ellipse: s-maj=48.4km s-min=21.5km az=155.0, PRXIMO, INMG 12 04:28:14.2, 0.9, 36:45N:14:16W, h10km, ML2.3, Error, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like HDMB Hadim, ALFC Alevega, MAMMARI Mammary, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like SPX Carrizo Plain, CRR CLIC, CRR CLIC, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like BUEV Buena Vista, GBS3 Finca Las Perla, NY14 Universidad de, etc.

ISCJB 12 05:44:11.4.0.5.32.10N.0.02:115.03W.0.02, h0km, 2km, Error ellipse: s-maj=3.2km s-min=3.1km az=137.1

ECX 12 04:44:13.5.0.6.32.09N.115.05W, h10km, MD3.8, ML4.0, Fault plane solution: NP1, phi=123.23000, delta=52.000, lambda=26.57000

NEIC 12 04:44:13.0.32.10N.115.02W, h0km, ML3.8(BCX), ML3.8(PAS), After ECX

MEX 12 04:44:14.2.0.6.32.13N.114.96W, h10km, MD4.2, ISC 12 04:44:12.1.1.32.08N.102.115.06W.0.03, h12km, 9km, n92, phi=118/107, 7C-9D, California-Baja California border region

IDC 12 05:14:55.8.5.6.17.41N.102.57W, h0km, mb3.74, mb1 3.9/5, mb1mx3.6/35, mbtmp3.5/ML2.1/MS2.9/1, Ms1 2.9/1, ms1mx2.4/30, Error ellipse: s-maj=105.0km s-min=51.7km az=3.0

ISCJB 12 05:14:59.0.7.18.10N.107.102.67W.0.04, h10km, mb3.6/4, Error ellipse: s-maj=10.0km s-min=4.6km az=16.4

MEX 12 05:15:02.2.0.7.18.10N.102.75W, h9km, 8km, MD3.9, ISC 12 05:15:00.4.0.9.18.10N.109.102.65W.0.05, h10km, n12, phi=1948/16, mb3.6/4, Michoacan

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like MBIG Mexicali, CPBX Cerro Prieto, CPBX comp=E, 46um, 0.3s, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like MMIG Aquila, ZIIG Zihuatajejo, MOIG Morelia, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase, ID, Time, Res, ISC. Includes stations like 035A Encino, 034A Holtbronville, SJG San Juan, etc.

JCT	Junction City	23.21 327	P	P	05 29 58.4 +0.6
JCT	Junction City	23.21 327	eP	P	05 29 58.0 +0.2
WHXT	Lake Whitney	23.33 334	P	P	05 29 59.6 +0.9
136A	Ennis	23.36 336	P	P	05 30 00.9 +1.8
531A	Rocksprings	23.36 326	P	P	05 29 59.7 +0.4
OXF	Oxford	23.37 352	eP	P	05 29 59.5 +0.3
333A	Richard Sprin	23.47 330	P	P	05 30 01.0 +0.8
Z38A	Mt. Pleasant	23.49 340	P	P	05 30 01.0 +0.7
432A	Menard	23.52 328	P	P	05 30 01.3 +0.7
234A	Clairette	23.64 333	P	P	05 30 02.2 +0.5
Z37A	Pogue Cattle C	23.66 339	P	P	05 30 02.3 +0.5
135A	Vickery Place,	23.79 335	P	P	05 30 03.6 +0.5
431A	Sonora	23.80 326	P	P	05 30 03.7 +0.5
530A	J-C Ranch, Com	23.80 324	P	P	05 30 03.4 +0.2
SWET	Sewanee	23.81 359	eP	P	05 30 04.0 +0.8
Y39A	Lockesburg	23.84 342	P	P	05 30 03.9 +0.5
332A	Millersview	23.90 329	P	P	05 30 04.7 +0.7
233A	Rising Star	24.00 331	P	P	05 30 05.5 +0.5
Y38A	Idabel	24.03 341	P	P	05 30 05.9 +0.7
KMSC	Kings Mountain	24.05 9	P	P	05 30 06.1 +0.7
CPCT	Cooper Cave	24.06 2	eP	P	05 30 06.8 +1.3
134A	White-Moore Ra	24.09 333	P	P	05 30 06.4 +0.6
UALR	University of	24.17 346	eP	P	05 30 07.3 +0.9
331A	San Angelo	24.19 328	P	P	05 30 08.1 +1.4
430A	Baggett Ranch,	24.22 326	P	P	05 30 07.4 +0.3
232A	Coleman	24.26 330	P	P	05 30 08.2 +0.9
MIAR	Mount Ida	24.26 344	P	P	05 30 08.1 +0.8
MIAR	Mount Ida	24.26 344	eP	P	05 30 07.9 +0.6
529A	Stev Forest Ra	24.29 323	P	P	05 30 07.9 +0.2
TKL	Tuckaleechee C	24.31 4	P	P	05 30 09.2 +1.5
TKL	Tuckaleechee C	24.31 4	eP	P	05 30 08.6 +0.9
Y37A	Hugo	24.37 339	P	P	05 30 09.0 +0.8
429A	Davenport Ranc	24.47 324	P	P	05 30 09.9 +0.5
133A	Hamilton Ranch	24.50 332	P	P	05 30 10.1 +0.6
TXAR	Lajitas Array	24.63 319	P	P	05 30 11.7 +0.9
TXAR	Lajitas Array	24.63 319	PcP	PcP	05 33 44.8 +1.6
TX31	Lajitas Ar. Si	24.63 319	eP	P	05 30 12.2 +1.4
Z31A	Bronte	24.63 329	P	P	05 30 11.5 +0.8
330A	Mertzton	24.66 327	P	P	05 30 11.7 +0.6
Z34A	Collier Ranch,	24.71 335	P	P	05 30 11.9 +0.5
X38A	Whitesboro	24.74 342	P	P	05 30 12.2 +0.6
WVT	Waverly	24.80 356	eP	P	05 30 12.4 +0.2
Y35A	Marietta	24.82 337	P	P	05 30 12.8 +0.4
X37A	Clayton	24.84 340	P	P	05 30 13.0 +0.5
ABTX	Ablene, Hawle	24.86 331	P	P	05 30 12.8 +0.1
ABTX	Ablene, Hawle	24.86 331	eP	P	05 30 13.3 +0.5
Z33A	Whitaker Ranch	25.00 333	P	P	05 30 14.5 +0.5
W38A	Poteau	25.02 342	P	P	05 30 14.8 +0.6
Y34A	Reagan Ranch,	25.15 336	P	P	05 30 16.0 +0.7
X36A	Centrahoma	25.16 339	P	P	05 30 16.0 +0.5
329A	Wagon Wheel Ra	25.17 325	P	P	05 30 15.7 0.0
TZTN	Tazewell	25.20 4	eP	P	05 30 16.9 +1.2
X35A	Drake	25.23 337	P	P	05 30 16.8 +0.7
131A	Roby	25.26 330	P	P	05 30 16.8 +0.4
Z32A	Haskell	25.34 332	P	P	05 30 17.7 +0.6
W37A	Quinton	25.36 341	P	P	05 30 17.8 +0.6
Y33A	Hilltop Ranch,	25.56 334	P	P	05 30 19.6 +0.6
W36A	Wetumka	25.63 340	P	P	05 30 20.4 +0.8
Z31A	Sharp Cattle R	25.66 331	P	P	05 30 20.4 +0.4
V38A	Canehill	25.73 343	P	P	05 30 21.0 +0.5
X34A	Smith Ranch, M	25.74 336	P	P	05 30 21.1 +0.4
W35A	Tecumseh	25.87 338	P	P	05 30 22.1 +0.2
Y32A	R-V Farms, Ver	25.91 333	P	P	05 30 22.5 +0.3
V37A	Hulbert	25.96 342	P	P	05 30 23.1 +0.4
X33A	Lawton	25.96 335	P	P	05 30 22.7 0.0
129A	Stewart Farms,	25.98 327	P	P	05 30 22.9 0.0
228A	UT Block 9, Go	25.98 325	P	P	05 30 23.0 0.0
V36A	Jenks	26.12 341	P	P	05 30 24.7 +0.6
TUL1	Tulsa	26.19 341	P	P	05 30 25.2 +0.5
X32A	Elmer	26.19 334	P	P	05 30 25.2 +0.5
Y31A	Rekieta Farm,	26.25 332	P	P	05 30 25.7 +0.4
U38A	Gravette	26.26 344	P	P	05 30 25.8 +0.5
W34A	Bridge Creek,	26.28 337	P	P	05 30 25.8 +0.3
W34A	Bridge Creek,	26.28 337	eP	P	05 30 25.8 +0.3
128A	Castleberry Fa	26.31 326	P	P	05 30 26.6 +0.7
Z29A	Hungry Hill Ra	26.39 328	P	P	05 30 27.3 +0.7
V35A	Meyer Ranch, C	26.41 339	P	P	05 30 27.2 +0.6
U37A	Salina	26.44 343	P	P	05 30 27.5 +0.6
W33A	Caddo, Fort Co	26.48 336	P	P	05 30 27.4 +0.1
Y30A	Stafford Cattl	26.48 330	P	P	05 30 27.9 +0.5
SIUC	Southern Illin	26.50 354	eP	P	05 30 27.8 +0.4
X31A	McDonald Ranch	26.68 333	P	P	05 30 29.5 +0.5
V34A	Guthrie	26.71 338	P	P	05 30 29.9 +0.5
V34A	Guthrie	26.71 338	eP	P	05 30 29.4 0.0
Z28A	Tucker Farm, M	26.77 327	P	P	05 30 30.7 +0.7
W32A	Sentinel	26.77 335	P	P	05 30 30.4 +0.5

WCI	Wyandotte Cave	26.82 359	eP	P	05 30 30.1 -0.3
WCI	Wyandotte Cave	26.82 359	eP	P	05 31 07.5 -1.6
Y29A	Porterfield Fa	26.85 329	eP	P	05 30 31.1 +0.4
U35A	Pawnee	26.92 340	P	P	05 30 32.1 +0.9
X30A	Coker Ranch, T	26.93 331	P	P	05 30 31.6 +0.2
V33A	Lossen Ranch,	26.99 337	P	P	05 30 33.0 +1.1
T37A	Cheneyville 18	27.05 343	P	P	05 30 32.4 +0.1
T36A	Boggs Farm, Ca	27.27 342	P	P	05 30 34.3 -0.1
MNTX	Cornudas Mount	27.32 321	P	P	05 30 35.0 +0.2
X29A	Tulb	27.33 330	P	P	05 30 34.9 -0.1
OLIL	Olney	27.41 356	eP	P	05 30 36.3 +0.8
MSTX	Muleshoe	27.50 328	P	P	05 30 36.9 +0.4
S37A	Fort Scott	27.62 344	P	P	05 30 38.2 +0.8
X28A	Dimmitt	27.64 329	P	P	05 30 38.3 +0.6
AMTX	Amarillo	27.68 331	P	P	05 30 38.7 +0.7
U32A	Winter Ranch,	27.76 336	P	P	05 30 39.3 +0.6
BLO	Bloomington	27.77 358	eP	P	05 30 39.3 +0.6
S36A	Lake Cedric, C	27.80 343	P	P	05 30 39.6 +0.5
V30A	Spur Ranch, Mi	27.94 333	P	P	05 30 40.8 +0.4
S35A	Otter Creek Ra	27.98 342	P	P	05 30 41.4 +0.7
T33A	Patterson Ranc	28.09 338	P	P	05 30 42.2 +0.5
U31A	Nine Bar Ranch	28.09 335	P	P	05 30 42.2 +0.5
R35A	Emporia Municip	28.54 342	P	P	05 30 46.5 +0.9
U30A	WK&E Inc. Balk	28.57 334	P	P	05 30 46.2 +0.2
V28A	Channing	28.64 331	P	P	05 30 47.1 +0.5
T31A	Randall Ranch,	28.65 336	P	P	05 30 47.0 +0.4
SFIN	Scholer Farm	29.00 358	P	P	05 30 49.9 +0.4
S31A	Mullinville	29.03 337	P	P	05 30 50.2 +0.3
Q34A	Chapman	29.31 342	P	P	05 30 52.9 +0.5
HDIL	Hopedale	29.32 354	P	P	05 30 52.9 +0.4
HDIL	Hopedale	29.32 354	eP	P	05 30 52.9 +0.4
T29A	Hugoton	29.37 334	P	P	05 30 53.6 +0.6
KSU1	Kansas State U	29.38 342	P	P	05 30 53.6 +0.7
121A	Cookes Peak, D	29.39 319	P	P	05 30 53.7 +0.3
U27A	Thompson Grove	29.46 331	P	P	05 30 54.4 +0.5
P36A	Good Intent, A	29.47 345	P	P	05 30 54.3 +0.5
R31A	Burdett	29.63 337	P	P	05 30 55.5 +0.2
Q33A	Connelly Farm,	29.67 340	P	P	05 30 55.5 0.0
S29A	Ulysses	29.69 335	P	P	05 30 56.2 +0.4
P34A	Walnut Farm, R	29.85 342	P	P	05 30 57.2 0.0
Q32A	Mettler Ranch,	29.90 339	P	P	05 30 58.1 +0.5
R30A	Dighton	29.91 336	P	P	05 30 58.6 +0.8
T27A	Campo	29.93 332	P	P	05 30 58.6 +0.6
S28A	Manter	30.00 333	P	P	05 30 59.1 +0.5
CBK5	Cedar Bluff	30.17 338	P	P	05 31 00.6 +0.6
O35A	Humboldt	30.26 344	P	P	05 31 01.6 +0.8
P32A	Huiting Farm,	30.48 340	P	P	05 31 02.7 -0.1
O33A	Hebron	30.57 342	P	P	05 31 04.5 +1.0
R28A	Tribune	30.59 334	P	P	05 31 04.3 +0.5
P31A	Stockton	30.66 339	P	P	05 31 04.9 +0.6
Q29A	Oakley	30.71 336	P	P	05 31 05.7 +0.9
S26A	Kim	30.74 331	P	P	05 31 05.7 +0.5
N35A	Tabor	30.75 345	P	P	05 31 05.4 +0.3
T25A	Trinidad	30.80 330	P	P	05 31 06.0 +0.1
O32A	Brockman Farm,	30.95 341	P	P	05 31 07.4 +0.5
R27A	Eads	30.97 333	P	P	05 31 07.7 +0.6
N33A	J B K, Exete	31.14 342	P	P	05 31 09.4 +0.9
O31A	Woolen Ranch,	31.21 339	P	P	05 31 09.8 +0.7
Q28A	Sharon Springs	31.21 335	P	P	05 31 09.9 +0.8
R26A	Arlington	31.28 332	P	P	05 31 10.2 +0.4
M35A	Neola	31.34 345	P	P	05 31 11.3 +1.2
N32A	Stulken Farm,	31.42 341	P	P	05 31 11.5 +0.5
M34A	Aspy Farms, Fr	31.60 344	P	P	05 31 13.0 +0.5
N31A	Bailey Ranch,	31.68 340	P	P	05 31 13.9 +0.7
O29A	4D Ranch, Culb	31.71 337	P	P	05 31 14.2 +0.6
JFWS	Jewell Farm	31.76 353	eP	P	05 31 13.7 -0.2
Q26A	Hugo	31.82 333	P	P	05 31 15.1 +0.5
SDCO	Great Sand Dun	31.82 329	P	P	05 31 15.2 +0.4
M33A	Taylor Creek F	31.83 343	P	P	05 31 15.7 +1.2
L35A	Blelow Farm, R	31.91 346	P	P	05 31 16.2 +1.0
P27A	Ficken Ranch,	31.93 335	P	P	05 31 16.3 +0.8
BGNE	Belgrade	31.96 342	P	P	05 31 16.3 +0.7
L34A	Svensden Farm,	31.98 345	P	P	05 31 16.4 +0.6
O28A	Krutsinger Ran	32.09 336	P	P	05 31 17.5 +0.6
M31A	Lambrecht Ranc	32.16 341	P	P	05 31 17.9 +0.5
N29A	Votaw Ranch, W	32.26 338	P	P	05 31 18.7 +0.4
P26A	Devis Ranch, A	32.26 334	P	P	05 31 18.8 +0.3
LPAZ	La Paz	32.40 147	P	P	05 31 20.9 +0.5
L33A	Hoskins	32.40 344	P	P	05 31 20.0 +0.4
K35A	Storm Lake	32.41 347	P	P	05 31 19.8 +0.2
O27A	Beecher Island	32.43 335	P	P	05 31 20.1 +0.2
214A	Organ Pipe Nat	32.44 314	P	P	05 31 20.1 +0.2
L32A	Elgin	32.46 343	P	P	05 31 20.6 +0.5
S22A	4UR Ranch, Cre	32.50 328	P	P	05 31 21.0 +0.3

Q24A	Divide	32.60 331	P	P	05 31 21.9 +0.3
M30A	Dale-Ortello V	32.63 340	P	P	05 31 22.1 +0.6
K33A	Hardington	32.74 344	P	P	05 31 23.3 +0.9
M29A	Burnside Ranch	32.83 339	P	P	05 31 24.2 +0.9
L31A	Butterfield Fa	32.87 342	P	P	05 31 24.4 +0.9
OGNE	Ogallala	32.89 337	P	P	05 31 24.3 +0.4
L30A	Spencer Herefo	32.95 340	P	P	05 31 25.2 +1.0
N27A	Anderson Farm,	32.97 336	P	P	05 31 24.9 +0.4
J35A	Millford	33.02 347	P	P	05 31 25.6 +0.8
K31A	O'Neill	33.25 342	P	P	05 31 27.4 +0.5
N26A	Koester Ranch,	33.27 335	P	P	05 31 27.4 +0.2
I35A	Creekview Farm	33.44 348	P	P	05 31 28.6 +0.1
K30A	Basset	33.56 341	P	P	05 31 29.8 +0.2
WUAZ	Wupatki	33.59 320	P	P	05 31 29.9 -0.1
L28A	Connealy Angus	33.62 338	P	P	05 31 30.7 +0.5
J32A	Parkston	33.68 344	P	P	05 31 31.3 +0.8
ECSD	EROS Data Cent	33.70 346	P	P	05 31 30.3 -0.4
I34A	Hadley	33.81 347	P	P	05 31 32.1 +0.5
K29A	Laz Trails An	33.87 340	P	P	05 31 32.9 +0.6
L27A	T5 Ranch, Ellis	33.9			

IDC 12 05:57:24.6:2.1, 6.04S:130.09E, h0km, mb4.5/1, mb1 4.3/4, mb1mx3.7/45, mbtmp4.1/4, ML3.8/3, MS2.8/1, Ms1 2.8/1, ms1mx2.2/36, Error ellipse: s-maj=91.6km s-min=26.6km az=77.0, Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Rows include SIJI Sorong, FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, MKAR Makranchi Array.

ISCJB 12 06:00:31.4:0.4, 6.3:31S:0:05:147.8E:0.2, h10km, mb5.0/40, MS4.4/15, Error ellipse: s-maj=13.7km s-min=7.0km az=3.9

IDC 12 06:00:31.5:0.5, 6.3:34S:148.04E, h0km, mb4.6/15, mb1 4.7/15, mb1mx4.5/36, mbtmp4.6/15, MS4.3/13, Ms1 4.3/13, ms1mx4.1/21, Error ellipse: s-maj=22.9km s-min=14.1km az=89.0

BJJ 12 06:00:31.4, 6.3:27S:148.70E, h3km, mb5.6/6, mb5.6/11, Ms5.2/10, Ms7.4/7.11

NEIC 12 06:00:32.0:6.0, 6.3:45S:148.04E, h10km, mb5.3/23, Error ellipse: s-maj=11.2km s-min=6.7km az=80.0

AWI 12 06:00:32.0, 6.3:48S:148.05E

GCMT 12 06:00:32.0:6.0, 6.3:35S:147.55E, h12km, MW5.1/80, Moment Tensor Solution, s38, c43; s80, c123; Duration: 0 Moment tensor: Scale 10^19Nm; Mir-0.23:13; Mw=0.33:13; Mw=0.52:14; Mw=0.52:33; Mw=0.49:09; Mw=2.91:33; Best double couple: M15:11000:1016

NP1: 178.00000, 888.00000, 1148.00000; NP2: 269.00000, 856.00000, 12.00000; Principal axes: T 5.4800, Plg25.0000, Azm128.0000; P -4.7400, Plg22.0000, Azm228.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

MOS 12 06:00:33.0:2.8, 6.2:46S:148.83E, h10km, mb5.4/9, Error ellipse: s-maj=39.0km s-min=12.9km az=95.3

ISC 12 06:00:33.5:0.6, 6.3:43S:0.06:148E:0.09, h13km, mb3.3km, h12km: p-P, n279, n1938/293, mb5.1/40, MS4.4/15, 39C-12D, Balleny Islands region

Main table of station data for the first section, including stations like VANDA Vanda, SBA Scott Base, TAU Tasmania Unive, etc.

Main table of station data for the second section, including stations like KSM Kuching, SBUM Sibiu, MYKOU Kota Timggi, etc.

Main table of station data for the third section, including stations like KSH comp=Z,36nm,4.0s, KSH comp=Z,95nm,8.3s, etc.

Table with columns: Station Name, Azimuth, Elevation, Station Type, and Time. Includes stations like Stebnicka Huta, Vyhne, Niedzica, Minsk, etc.

Table with columns: Station Name, Azimuth, Elevation, Station Type, and Time. Includes stations like Novy Kostel, Grafenberg, Black Forest, etc.

Table with columns: Station Name, Azimuth, Elevation, Station Type, and Time. Includes stations like BINGOL, BNGB, BAYD, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for ANOYIA, NIKSIC, BAR, GONEN-BALIKESI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for AXAR Agios Charalamb, AXAR Agios Charalamb, AXALE Kailithea, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for NAO 12:07:34:53.7, HELL 12:07:34:53.6, BER 12:07:34:55.1, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for ISCJB 12:07:20:55.0, THE 12:07:20:55.7, ATH 12:07:20:55.3, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for KDU Kakadu, MTN Manton Dam, WRAB Tennant Creek, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for BJI 12:07:40:50.1, NEIC 12:07:40:52.4, MOS 12:07:40:52.4, etc.

az=177.1
ISC 12 07:40:52.7-0.2,51.40N-104.17843W,0.02,h40km,1km,
h40km:pp-P,n1422,e1909/1570,mb5.3/368,MS4.5/58,
71C-17D, Andronof Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, MCK, SCK, MCM, SCM. Lists various stations like GALAA, GAEA, GANE, etc.

Table with columns: MCK, Station Name, Time, Res, MCK, SCK, MCM, SCM, Az, Phase ID, Time, Res, MCK, SCK, MCM, SCM. Lists stations like Sheep Creek Mo, DHY, EYAK, etc.

Table with columns: ERM, Station Name, Time, Res, MCK, SCK, MCM, SCM, Az, Phase ID, Time, Res, MCK, SCK, MCM, SCM. Lists stations like Erimo, DLBC, DLBC, etc.

12d 7h

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Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like CN2 Changchun, L02D Cave Junction, E07A Sunnyside, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like KSSAJ Sangju, BLMT Blacktail Moun, KSSEO Seoul, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like ARVC Arvin, BGU Big Grassy Moun, DAC Darwin (Calif), etc.

MURC	Murrieta	47.08	88	P	P	07 49 21.2 +0.8	NJ2	Nanjing	49.04	272	eP	P	07 49 40.0 +4.5	C33A	Trail	51.00	59	P	P	07 49 40.9 -1.2	
ZAK	Zakamensk	47.14	301	eP	P	07 49 20.4 -0.4	NJ2				S	S	07 56 40.0 +2.7	N26A	Koester Ranch,	51.02	71	P	P	07 49 51.3 +0.7	
ZAK					pmax		NJ2				PMZ		07 57 00.0 +3.7	Q24A	Divide	51.05	74	P	P	07 49 51.5 +0.4	
TMUT	Trail Mountain	47.17	77	eP	P	07 49 22.4 +1.0	NJ2	comp=Z,100nm,0.9s			LN			M27A	Reverse DX Ran	51.08	69	P	P	07 49 51.3 +0.3	
D25A	Fairfield	47.19	64	P	P	07 49 21.3 +0.1	NJ2	comp=Z,970nm,23.0s			LE			J29A	Okreek	51.11	66	P	P	07 49 50.8 -0.3	
ARGU	Argyle Ridge	47.25	76	eP	P	07 49 23.3 +1.3	NJ2	comp=Z,5um,24.8s			LZ			SUSD	South Dakota S	51.25	65	P	P	07 49 51.4 +0.8	
GMRC	Granite Mounta	47.27	85	P	P	07 49 22.3 +0.3	PV10	comp=Z,1um,27.1s	49.06	77	eP	P	07 49 35.7 -0.2	L28A	Connealy Angus	51.28	68	P	P	07 49 52.6 0.0	
A27A	Ledoux Ranch,	47.34	61	P	P	07 49 22.0 -0.2	J25A	Paradox Valley	49.11	68	eP	P	07 49 35.2 -0.9	I30A	Oacoma	51.31	65	P	P	07 49 51.9 -0.7	
P17A	Butcher Ranch,	47.34	77	eP	P	07 49 23.1 +0.5	PV04	Sunshine Ranch	49.13	77	eP	P	07 49 36.9 +0.5	D33A	AnnSam, Waubun	51.33	60	P	P	07 49 51.8 -0.9	
TIA	Tai'an	47.39	278	↑P	PMZ	07 49 23.4 +0.6	PV04	Paradox Valley	49.13	77	eP	P	07 49 46.8 -1.1	O26A	Corse Wrangler	51.34	71	P	P	07 49 53.7 +0.7	
TIA					LN		B30A	Myrvik Farm, E	49.21	60	P	P	07 49 35.9 -0.7	N27A	Anderson Farm,	51.44	70	P	P	07 49 54.3 +0.5	
TIA	comp=Z,130nm,0.8s						PV05	Paradox Valley	49.22	77	eP	P	07 49 37.7 +0.6	HOPEN	Hopen	51.48	353	e	P	07 49 58.5 +5.1	
TIA	comp=Z,320nm,23.0s						I26A	New Underwood	49.27	67	P	P	07 49 37.2 -0.1	H31A	Wolsey	51.50	64	P	P	07 49 53.1 -0.9	
TIA	comp=Z,630nm,22.0s						D29A	Pettibone, Tap	49.32	62	P	P	07 49 36.9 -0.6	K29A	Lazy Trails An	51.51	67	P	P	07 49 54.0 -0.2	
LDFC	Landfair	47.42	84	eP	P	07 49 23.8 +0.7	TIY	Taiyuan	49.33	282	eP	P	07 49 39.2 +1.4	HSPB	Hornsund (broa	51.57	356	eS	P	07 49 53.3 -0.7	
LDFC							TIY				PP	S	07 51 33.6 +1.9	HSPB				Iamb	Iamb	08 12 48.2	
LDFC							TIY				PMZ		07 56 46.2 +4.8	SDCO	Great Sand Dun	51.62	75	P	P	07 49 56.1 +0.8	
ROA	Roan Cliffs	47.46	76	eP	P	07 49 24.8 +1.1	TIY	comp=Z,260nm,3.5s			LN			SDCO	Great Sand Dun	51.62	75	eP	P	07 49 56.1 +0.8	
C26A	Wahner Farm, P	47.49	63	P	P	07 49 23.5 0.0	TIY	comp=Z,360nm,17.5s			LE			E33A	Westby DABS, E	51.63	61	P	P	07 49 54.3 -0.7	
E25A	Miller Ranch,	47.52	65	P	P	07 49 23.7 0.0	TIY	comp=Z,350nm,17.8s			LZ			J30A	Dallas	51.64	66	P	P	07 49 54.7 -0.4	
PFO	Pinyon Flat Ob	47.54	87	eP	P	07 49 24.4 +0.3	H27A	Howes	49.36	66	P	P	07 49 37.3 -0.6	OGNE	Ogallala	51.65	70	P	P	07 49 55.6 +0.3	
PFO					pmax		F28A	McLaughlin	49.36	64	P	P	07 49 37.7 -0.2	OGNE	Ogallala	51.65	70	eP	P	07 49 54.6 +1.1	
PFO	Pinyon Flat Ob	47.54	87	eP	P	07 49 24.4 +0.3	N23A	Red Feather La	49.36	72	P	P	07 49 38.8 +0.5	HVS	Khovu-Aksy	51.69	307	dIP	pmax	07 49 56.4 -0.8	
PFO							N23A	Red Feather La	49.36	72	eP	P	07 49 38.9 +0.6	HVS				pmax	pmax		
P18A	Preston Nutter	47.55	76	eP	P	07 49 24.4 -1.5	PHWY	Pilot Hill	49.40	72	eP	P	07 49 38.4 -0.1	D34A	Park Rapids	51.72	60	P	P	07 49 54.7 -0.9	
BELC	Belle Mtn. Jos	47.57	86	P	P	07 49 24.4 +0.1	WUAZ	Wupatki	49.46	81	P	P	07 49 39.7 +0.8	I31A	Royce, Wessing	51.75	65	P	P	07 49 55.5 -0.4	
KNB	Kanab	47.60	81	eP	P	07 49 25.8 +1.2	WUAZ	Wupatki	49.46	81	eP	P	07 49 39.9 +1.0	P26A	Davis Ranch, A	51.75	72	P	P	07 49 57.1 +1.0	
KNB					pmax		ULM	Lac du Bonnet	49.48	57	P	P	07 49 38.4 -0.3	M28A	Bar X Bar Ranch	51.76	69	P	P	07 49 56.3 +0.3	
KNB							ULM				LR	08 11 41.0	YOJ	Yonaguni jima	51.78	262	eP	pmax	pmax	07 49 54.8 -1.4	
109C	Camp Elliot, M	47.61	88	P	P	07 49 25.1 +0.6	ULM	comp=Z,308nm,18.1s			MLR	MLR		YOJ	Yonaguni jima	51.78	262	eP	pmax	pmax	07 49 54.8 -1.4
B27A	Peters Farms,	47.63	62	P	P	07 49 24.6 +0.1	ULM	comp=Z,11nm,0.7s			pmax	pmax		YOJ	Yonaguni jima	51.78	262	eP	pmax	pmax	07 49 54.8 -1.4
SRU	San Rafael	47.70	77	eP	P	07 49 26.3 +0.9	ULM	comp=Z,308nm,18.1s						YOJ	Yonaguni jima	51.78	262	eP	pmax	pmax	07 49 54.8 -1.4
SRU							ULM	Lac du Bonnet	49.48	57	eP	P	07 49 38.4 -0.3	L29A	Maesberg Ranch	51.86	68	P	P	07 49 56.6 -0.2	
SRU	San Rafael	47.70	77	eP	P	07 49 26.3 +0.9	PV01	Paradox Valley	49.50	77	eP	P	07 49 39.6 +0.3	O27A	Beecher Island	51.86	71	P	P	07 49 57.3 +0.4	
BTU	Barney Top	47.72	79	eP	P	07 49 27.3 +1.5	K25A	MacK Ranch, Ha	49.54	69	eP	P	07 49 39.2 -0.2	F33A	5 Mile Ranch,	51.88	62	P	P	07 49 55.5 -1.3	
D26A	Manning	47.76	64	P	P	07 49 25.1 -0.4	A31A	Linda, St. Vin	49.54	59	P	P	07 49 37.2 -1.9	K30A	Basset	51.97	67	P	P	07 49 57.8 +0.2	
EKU	East Kanab	47.76	81	eP	P	07 49 27.2 +1.4	C30A	Mose, Pekin	49.56	61	P	P	07 49 38.8 -0.5	Q26A	Hugo	52.05	73	P	P	07 49 58.5 +0.1	
MMU	Miners Mountai	47.80	79	eP	P	07 49 27.4 +1.2	J26A	Sides Ranch, S	49.58	68	P	P	07 49 38.9 -0.7	H32A	Carlson Farm,	52.07	64	P	P	07 49 58.9 -1.4	
F25A	Bowman	47.81	65	P	P	07 49 26.0 -0.1	E29A	Napoleon	49.59	63	P	P	07 49 38.6 -1.0	E34A	Wadena	52.09	60	P	P	07 49 57.3 -1.0	
C27A	Saylor Ranch,	47.89	62	P	P	07 49 26.6 0.0	B31A	Greenbush Farm	49.59	60	P	P	07 49 38.8 -0.7	J31A	Geddes	52.09	66	P	P	07 49 57.8 -0.6	
A28A	Rude Farm, Bot	47.89	61	P	P	07 49 26.4 -0.2	I27A	Quinn	49.71	67	P	P	07 49 40.3 -0.3	N28A	Pribbeno Ranch	52.10	70	P	P	07 49 58.4 -0.3	
HHC	Hu-ho-hao-te	47.91	286	↑P	S	07 49 28.3 +1.4	D30A	Buean	49.76	62	P	P	07 49 40.0 -0.8	M29A	Burnside Ranch	52.12	69	P	P	07 49 58.9 +0.1	
HHC					S	07 49 46.1 +3.1	G28A	Parade	49.76	65	P	P	07 49 40.5 -0.4	P27A	Ficken Ranch,	52.21	72	P	P	07 49 59.8 +0.3	
HHC					S	07 56 21.0 +0.3	L25A	Engelbreten Ra	49.76	70	P	P	07 49 41.5 +0.4	O28A	Krutsinger Ran	52.32	70	P	P	07 50 00.6 +0.3	
HHC					PMZ	07 56 42.1 +1.8	KBS	Kingsbay	49.79	357	eP	Iamb	07 49 41.9	D35A	Remer	52.34	59	P	P	07 49 59.5 -0.7	
HHC	comp=Z,71nm,1.1s						KBS				S	07 56 46.9 +0.3	H33A	Prehn Over Nor	52.35	63	P	P	07 49 59.3 -1.1		
HHC	comp=Z,87nm,3.7s						KBS	Kingsbay	49.79	357	eP	pmax	07 49 41.1 +0.5	I32A	Karley and Nic	52.35	64	P	P	07 49 58.9 -1.5	
HHC	comp=Z,870nm,19.9s						KBS				S	07 49 41.1 +0.5	L30A	Spencer Herefo	52.37	67	P	P	07 50 00.3 -0.3		
HHC	comp=Z,910nm,18.7s						KBS				S	07 49 41.1 +0.5	E35A	Pequot Lakes	52.47	60	P	P	07 50 00.6 -0.6		
K22A	Casper	47.95	71	P	P	07 49 27.1 -0.2	KBS	Kingsbay	49.79	357	eP	pmax	07 49 41.1 +0.5	R26A	Arlington	52.50	73	P	P	07 50 02.1 +0.5	
K22A	Casper, SNR=36	47.95	71	eP	P	07 49 27.0 -0.2	SMCO	Snowmass	49.81	75	eP	P	07 49 42.0 +0.1	K31A	O'Neill	52.50	66	P	P	07 50 01.2 -0.3	
IRM	Iron Mountain	47.99	85	P	P	07 49 27.7 +0.2	K26A	Molz Farm, Whi	49.89	69	P	P	07 49 41.4 -0.6	K30C	Kaye Shedlock	52.53	72	P	P	07 50 02.7 +0.8	
MONP	Monument Peak	48.04	88	P	P	07 49 28.4 +0.3	C31A	Landman Farms,	49.92	60	P	P	07 49 41.0 -1.0	K30C	Kaye Shedlock	52.53	72	eP	P	07 50 02.9 +1.0	
M26A	Carlson Angus	48.06	64	P	P	07 49 27.6 -0.3	F29A	Eureka	49.92	64	P	P	07 49 41.7 -0.5	M30A	Dale-Ortello V	52.54	68	P	P	07 50 01.6 -0.3	
B28A	Dugan Ranch, T	48.10	61	P	P	07 49 27.5 -0.6	H28A	Mission Ridge	49.94	65	P	P	07 49 42.1 -0.2	J32A	Parkston	52.55	65	P	P	07 50 01.0 -0.8	
BC3	Big Chuckawall	48.13	86	P	P	07 49 28.3 -0.4	E30A	Jud	50.03	62	P	P	07 49 42.6 -0.4	N29A	Votaw Ranch, W	52.55	69	P	P	07 50 02.2 +0.2	
D27A	Center	48.22	63	P	P	07 49 29.0 -0.1	MVCO	Mesa Verde	50.13	78	P	P	07 49 44.1 -0.1	YHNB	Yeheng	52.64	263	eP	PMZ	07 50 02.7 -0.1	
SSE	Sheshan	48.23	269	P	P	07 49 29.2 -0.1	MVCO	Mesa Verde	50.13	78	eP	P	07 49 44.3 +0.2	T25A	Trinidad	52.67	75	P	P	07 50 03.7 +0.7	
SSE					S	07 56 26.0 +0.2	M25A	Palm-Egill Farm	50.15	71	P	P	07 49 44.9 +0.7	T25A	Trinidad	52.67	75	eP	P	07 50 04.0 +0.9	
SSE					S	07 56 41.4 -3.4	B32A	Ashes, Strandg	50.21	59	P	P	07 49 43.7 -0.5	P28A	Saint Francis	52.69	71	P	P	07 50 03.5 +0.5	
SSE	comp=Z,100nm,0.9s						J27A	Elkhorn Farm,	50.23	68	P	P	07 49 44.5 -0.1	I33A	Coleman	52.71	64	P	P	07 50 01.4 -1.6	
SSE	comp=Z,180nm,6.2s						ISCO	Idaho Springs	50.24	73	eP	pmax	07 49 45.6 +0.6	L31A	Butterfield Fa	52.73	67	P	P	07 50 03.2 -0.1	
SSE	comp=Z,240nm,25.2s						ISCO				pmax	pmax		LAZ	Ladron	52.80	79	eP	pmax	07 50 05.1 +1.0	
SSE	comp=Z,300nm,30.4s						ISCO	Idaho Springs	50.24	73	eP	pmax	07 49 45.6 +0.6	ANMO	Albuquerque	52.86	78	eP	pmax	07 50 04.8 +0.3	
G25A	Newell	48.26	66	P	P	07 49 29.0 -0.5	G29A	Hoven	50.25	64	P	P	07 49 43.7 -0.9	WHN	Wuhan	52.89	274	↑P	PMZ	07 50 03.7 -0.7	
F26A	Lodgepole	48.30	65	P	P	07 49 29.5 -0.3	I28A	Nome	50.26	66	P	P	07 49 44.5 -0.2	WHN				PMZ	pmax	07 50 05.0 +0.6	
SWSC	Sam W. Stewart	48.40	87	P	P	07 49 30.7 +0.1	L26A	Underwood Farm	50.35	69	P	P	07 49 45.0 -0.5	WHN				LE	LE	07 50 04.9 -1.6	
A29A	Manning Farm,	48.45	60	P	P	07 49 30.4 -0.4	SPA0	Spitsbergen Ar	50.37	356	eP	Iamb	07 49 44.1 -1.0	WHN				LZ	LZ	07 50 05.1 +0.6	
O																					

12d 7h

SUMG	comp-Z,25nm,1.0s	53.22	14	eP	P	07 50 06.5	-0.3
SUMG	Summit	53.22	14	eP	P	07 50 06.5	-0.3
BNM	Barren Site	53.29	79	eP	P	07 50 08.5	+0.9
O30A	MW Ranch, Wils	53.30	69	P	P	07 50 07.7	+0.2
L32A	Elgin	53.32	66	P	P	07 50 07.2	-0.4
R28A	Tribune	53.45	72	P	P	07 50 08.9	+0.3
K33A	Hardington	53.51	65	P	P	07 50 08.3	-0.6
N31A	Bailey Ranch	53.53	68	P	P	07 50 09.0	-0.1
SSLB	Suanguing	53.55	263	eP	P	07 50 09.7	+0.2
Q29A	Oakley	53.59	71	P	P	07 50 09.8	+0.2
P30A	Selden	53.60	70	P	P	07 50 10.2	+0.5
BGNE	Belgrade	53.62	67	P	P	07 50 10.0	-0.7
YULB	Yu-li	53.62	262	eP	P	07 50 09.0	+0.1
L33A	Hoskins	53.64	66	P	P	07 50 08.8	-1.1
121A	Cookes Peak, D	53.66	82	P	P	07 50 11.0	+0.6
121A	Cookes Peak, D	53.66	82	eP	P	07 50 10.9	+0.6
121A	Cookes Peak, D	53.66	82	eP	P	07 50 21.4	-0.6
J34A	George	53.67	64	eP	P	07 50 09.1	-0.9
T27A	Campo	53.74	74	P	P	07 50 10.6	-0.2
O31A	Woolen Ranch,	53.74	69	P	P	07 50 10.6	-0.1
R29A	Marienthal	53.80	72	P	P	07 50 11.6	+0.5
XAN	Xi'an	53.88	281	P	P	07 50 12.0	+0.2
XAN				pP	pP	07 50 21.8	-1.6
XAN				PP	PP	07 52 13.6	+0.6
XAN				SS	SS	07 57 42.2	-1.9
XAN				SS	SS	07 58 01.6	-1.7
XAN				SS	SS	08 01 22.7	-2.4
XAN	comp-Z,87nm,0.9s				PMZ		
XAN	comp-Z,160nm,6.3s				LN		
XAN	comp-Z,170nm,22.4s				LE		
XAN	comp-Z,260nm,22.4s				LN		
XAN	comp-Z,300nm,25.5s				LZ		
S28A	Manter	53.89	73	P	P	07 50 12.5	+0.7
N32A	Stulken Farm,	53.95	68	P	P	07 50 11.3	-0.9
K34A	Le Mars	53.97	65	P	P	07 50 11.4	-0.9
Q30A	Quinter	53.98	71	P	P	07 50 12.7	+0.2
J35A	Milford	54.04	63	P	P	07 50 11.8	-1.0
M33A	Taylor Creek F	54.06	66	P	P	07 50 12.4	-0.6
T28A	Walsh	54.07	74	P	P	07 50 13.4	+0.2
U27A	Thompson Grove	54.10	75	P	P	07 50 13.7	+0.2
TPUB	Ta-pu	54.10	263	eP	P	07 50 13.8	+0.4
P31A	Stockton	54.12	70	P	P	07 50 13.7	+0.2
SPMN	St. Paul	54.18	60	P	P	07 50 12.7	-1.0
SPMN	St. Paul	54.18	60	P	P	07 50 13.5	-0.2
ZALV	Zalesovo Beam	54.19	314	P	P	07 50 13.4	-0.2
ZALV	comp-Z,2.8nm,0.7s,baz=31,slow=7.1,SNR=9.4			PcP	P	07 51 18.0	+0.3
ZALV	comp-Z,1.6nm,0.6s,baz=32,slow=3.8,SNR=24			ScP	P	07 55 10.2	-2.1
L34A	Svensen Farm,	54.28	65	P	P	07 50 13.6	-0.9
O32A	Brockman Farm,	54.28	68	P	P	07 50 13.8	-0.9
NVS	Novosibirsk	54.32	315	eP	P	07 50 12.0	-4.4
NVS				e		07 51 17.4	
NVS	comp-N,3.0nm,0.9s				pmax	pmax	
NVS	comp-E,6.0nm,0.9s				pmax	pmax	
NVS	comp-Z,14nm,0.9s				pmax	pmax	
S29A	Ulysses	54.33	72	P	P	07 50 15.5	+0.4
CBKS	Cedar Bluff	54.37	70	eP	P	07 50 15.9	+0.6
CBKS	Cedar Bluff	54.37	70	eP	P	07 50 15.9	+0.6
CBKS	Cedar Bluff	54.37	70	eP	P	07 50 15.9	+0.6
R30A	Dighton	54.40	71	P	P	07 50 15.9	+0.4
K35A	Storm Lake	54.44	64	P	P	07 50 14.7	-1.0
Q31A	Ellis	54.45	70	P	P	07 50 16.1	+0.3
N33A	J Bar K, Exete	54.45	67	P	P	07 50 14.9	-0.9
M34A	Aspy Farms, Fr	54.46	66	P	P	07 50 15.1	-0.7
U28A	Mallet	54.49	74	P	P	07 50 16.2	-0.1
P32A	Hutting Farm,	54.51	69	P	P	07 50 15.9	-0.4
V27A	Dan Oppiter Fa	54.53	75	P	P	07 50 16.4	-0.2
T29A	Hugoton	54.53	73	P	P	07 50 16.8	+0.2
L35A	Bielow Farm, R	54.56	65	P	P	07 50 16.0	-1.2
S30A	Montezuma	54.71	72	P	P	07 50 18.0	+0.2
O33A	Hebron	54.81	68	P	P	07 50 17.7	-0.7
R31A	Burdett	54.84	71	P	P	07 50 18.7	0.0
V28A	Channing	54.91	75	P	P	07 50 19.0	-0.3
N34A	Lincoln	54.94	67	P	P	07 50 18.5	-0.8
Q32A	Mettler Ranch,	54.95	70	P	P	07 50 19.4	0.0
M35A	Neola	54.99	66	P	P	07 50 19.4	-0.3
U29A	Oasis Ranch, S	55.02	74	P	P	07 50 20.4	+0.1
T30A	Plains	55.06	73	P	P	07 50 20.4	+0.1
P33A	Williams Farm,	55.16	69	P	P	07 50 20.7	-0.3
R32A	Long Quarter,	55.23	70	P	P	07 50 21.3	-0.3
V29A	Stinnett	55.25	74	P	P	07 50 21.8	0.0
O34A	Beatrice	55.25	67	P	P	07 50 20.0	-0.8
S31A	Mullinville	55.31	71	P	P	07 50 21.8	-0.2
U30A	WK& Inc. Balk	55.34	73	P	P	07 50 22.3	0.0
Q33A	Connelly Farm,	55.37	69	P	P	07 50 22.4	-0.1
N35A	Tabor	55.41	66	P	P	07 50 22.6	-0.1
T31A	Randall Ranch,	55.54	72	P	P	07 50 23.6	-0.1
SFJD	Kangerlussuaq	55.54	22	P	P	07 50 22.8	-0.4
SFJD	comp-Z,1.6nm,0.8s,baz=225,slow=2.9,SNR=3.4			PcP	PcP	07 51 22.3	-0.3
SFJD	comp-Z,1.6nm,0.8s,baz=358,slow=1.7,SNR=4.8			PcP	PcP	07 51 22.3	-0.3

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SFJD	comp-Z,8.0nm,0.8s	55.58	71	P <th>P <th>07 50 23.5</th> <th>-0.5</th> </th>	P <th>07 50 23.5</th> <th>-0.5</th>	07 50 23.5	-0.5
S32A	Newby Ranch, P	55.58	71	P	P	07 50 23.5	-0.5
COWI	Conover	55.58	58	eP	P	07 50 22.5	-1.4
P34A	Walnut Farm, R	55.59	68	P	P	07 50 23.3	-0.8
LZH	Lanzhou	55.60	286	↑P	P	07 50 25.8	+1.4
LZH				pP	pP	07 50 36.0	0.0
LZH				S	S	07 50 39.9	-0.8
LZH				S	S	07 58 10.0	+2.7
LZH				SS	SS	07 58 22.1	-4.5
LZH				SS	SS	08 01 48.7	-3.6
LZH	comp-Z,190nm,1.2s				PMZ		
LZH	comp-Z,550nm,4.0s				LN		
LZH	comp-Z,580nm,14.9s				LN		
LZH	comp-Z,930nm,14.3s				LE		
LZH	comp-Z,940nm,16.0s				LZ		
O35A	Humboldt	55.65	67	P	P	07 50 23.6	-0.9
MNTX	Cornudas Mount	55.72	81	P	P	07 50 25.5	+0.4
R33A	Olander Ranch,	55.74	70	P	P	07 50 24.8	-0.3
CPRX	Cap Rock	55.74	78	eP	P	07 50 25.6	+0.2
CPRX	X28A	55.75	76	eP	P	07 50 24.9	-0.5
MSTX	Muleshoe	55.77	77	P	P	07 50 25.8	+0.2
MSTX	Muleshoe	55.77	77	eP	P	07 50 25.7	+0.2
MSTX	Muleshoe	55.77	77	eP	P	07 50 25.7	+0.2
MSTX	Gaotai	55.77	292	e	P	07 55 19.9	
GTA	GTA			↑P	P	07 50 26.2	+0.7
GTA	GTA			S	S	07 50 36.3	-0.9
GTA	GTA			S	S	07 50 40.6	-1.2
GTA	GTA			PcP	PcP	07 51 25.9	+1.7
GTA	GTA			ScP	ScP	07 55 20.3	+0.5
GTA	GTA			PcS	PcS	07 55 25.7	+1.1
GTA	GTA			S	S	07 58 08.5	-1.0
GTA	GTA			S	S	07 58 25.1	-3.7
GTA	GTA			SS	SS	08 01 53.0	-1.8
GTA	comp-Z,120nm,0.9s				PMZ		
GTA	comp-Z,320nm,5.5s				LN		
GTA	comp-Z,560nm,19.9s				LE		
GTA	comp-Z,460nm,19.0s				LZ		
AMTX	Amarillo	55.82	75	P	P	07 50 25.9	+0.1
V30A	Spur Ranch, Mi	55.83	74	P	P	07 50 26.1	+0.2
U31A	Nine Bar Ranch	55.92	73	P	P	07 50 26.6	0.0
T32A	Huddler Ranch,	55.93	71	P	P	07 50 26.2	-0.3
Q34A	Chapman	55.94	69	P	P	07 50 26.2	-0.3
KSU1	Kansas State U	56.02	68	P	P	07 50 26.5	-0.6
KSU1	Kansas State U	56.02	68	eP	P	07 50 26.6	-0.5
P35A	Duane Minner,	56.08	68	P	P	07 50 26.7	-0.8
X29A	Tulia	56.10	76	P	P	07 50 27.8	-0.1
SCIA	State Center	56.10	64	eP	P	07 50 27.8	+0.1
Y28A	Mckinney Farm,	56.13	77	P	P	07 50 27.7	-0.4
R34A	Isabella, Hill	56.17	69	P	P	07 50 27.6	-0.6
S33A	Kasauli Farm,	56.20	70	P	P	07 50 28.1	-0.4
O36A	Bolkow	56.26	68	P	P	07 50 28.3	-0.6
W30A	Crocket Farms	56.28	74	P	P	07 50 29.3	+0.1
V31A	Spring Creek L	56.33	73	P	P	07 50 29.6	+0.2
U32A	Patterson Ranch	56.40	71	P	P	07 50 29.3	-0.6
T33A	Winter Ranch	56.42	72	P	P	07 50 29.9	-0.2
Z28A	Tucker Farm, M	56.47	77	P	P	07 50 30.0	-0.6
P36A	Good Intent, A	56.48	67	P	P	07 50 29.6	-0.9
Q35A	Mercer Eighty,	56.51	68	P	P	07 50 29.7	-0.9
Y29A	Portfield Fa	56.52	76	P	P	07 50 30.9	+0.1
X30A	Coker Ranch, T	56.60	75	P	P	07 50 31.5	+0.1
S34A	Willow Spring	56.66	70	P	P	07 50 30.9	-0.8
W31A	Holland Ranch,	56.66	74	P	P	07 50 31.9	+0.1
R35A	Emporia Munic	56.77	69	P	P	07 50 32.1	-0.4
Q36A	Arnold C. Orve	56.78	68	P	P	07 50 31.6	-0.9
128A	Castleberry Fa	56.87	78	P	P	07 50 33.3	-0.1
Z29A	Hungry Hill Ra	56.91	77	P	P	07 50 33.6	0.0
U33A	Lingo Farm, Me	56.91	72	P	P	07 50 33.1	-0.5

233A	baz=59,SNR=18	59.47	76	P	P	07 50 51.4	0.0
V38A	baz=59,SNR=31	59.49	70	P	P	07 50 50.9	-0.6
WMQ	baz=59,SNR=54	59.52	303	P	P	07 50 52.7	+1.0
WMQ				pP	pP	07 51 04.7	+1.2
WMQ				sP	sP	07 51 10.0	+1.9
WMQ				PcP	PcP	07 51 38.9	0.0
WMQ				PP	PP	07 53 04.6	+1.6
WMQ				S	S	07 59 02.7	+4.3
WMQ				SS	SS	08 02 50.4	-3.0
WMQ	comp=Z,27nm,0.9s			PMZ			
WMQ	comp=Z,140nm,4.7s			LN			
WMQ	comp=Z,1µm,19.0s			LE			
WMQ	comp=Z,1µm,19.5s			LZ			
Z35A	comp=Z,1µm,22.6s	59.55	74	P	P	07 50 51.9	-0.1
134A	White-Moore Ra	59.58	75	P	P	07 50 52.5	+0.3
432A	Menard	59.73	77	P	P	07 50 52.6	-0.7
Y36A	baz=60,SNR=27	59.74	73	P	P	07 50 53.3	+0.1
531A	Rocksprings	59.76	79	P	P	07 50 53.0	-0.6
X37A	Clayton	59.80	71	P	P	07 50 53.9	+0.2
SCHQ	Schefferville	59.84	38	P	P	07 50 52.6	-1.0
SCHQ	comp=Z,5.1nm,0.7s,ba			PcP	PcP	07 51 38.4	-1.5
SCHQ	comp=Z,11nm,0.8s,ba			LR	LR	08 18 58.5	
333A	Richard Sprin	59.90	77	P	P	07 50 53.9	-0.6
234A	Clairette	59.94	75	P	P	07 50 54.9	+0.2
W38A	Poteau	59.98	70	P	P	07 50 55.1	+0.2
SLM	Saint Louis	59.99	65	eP	P	07 50 54.4	-0.5
SLM	comp=Z,5.7nm,0.7s			pmax	pmax		
SLM	Saint Louis	59.99	65	eP	P	07 50 54.4	-0.5
135A	Vickery Place,	60.00	74	P	P	07 50 55.4	+0.3
JCT	Junction City	60.00	78	eP	pmax	07 50 54.5	-0.6
JCT	comp=Z,26nm,0.8s			pmax	pmax		
JCT	Junction City	60.00	78	eP	P	07 50 54.5	-0.6
X38A	Whitesboro	60.07	71	P	P	07 50 55.6	+0.1
Y37A	Hugo	60.08	72	P	P	07 50 55.6	0.0
Z36A	Blue Ridge	60.09	73	P	P	07 50 55.6	0.0
532A	Rocksprings	60.18	78	P	P	07 50 55.4	-1.0
MK31	Makanchi Array	60.20	309	iP	pmax	07 50 55.4	-0.9
MKAR	Makanchi Array	60.20	309	P	P	07 50 54.8	-1.5
MKAR	comp=Z,5.0nm,0.7s,ba			PcP	PcP	07 51 41.9	+0.5
MKAR	comp=Z,5.0nm,0.7s,ba			PKP2bc		08 20 28.9	
MK01	Makanchi Array	60.22	309	eP	P	07 50 54.5	-1.8
433A	Art	60.24	77	P	P	07 50 56.1	-0.6
631A	Perdido Creek	60.27	79	P	P	07 50 55.9	-1.1
334A	Lometa	60.35	76	P	P	07 50 57.6	+0.1
WHTX	Lake Whitney	60.36	75	P	P	07 50 57.7	+0.1
SFIN	Scholer Farm	60.54	61	P	P	07 50 58.5	-0.1
SFIN	Scholer Farm	60.54	61	eP	P	07 50 58.8	+0.2
GYA	Guiyang	60.55	276	iP	P	07 50 58.9	-0.2
GYA				pP	pP	07 51 11.0	+0.2
GYA				PP	PP	07 51 15.4	+2.9
GYA				ScP	ScP	07 55 41.0	-0.1
GYA				S	S	07 59 11.8	-0.3
GYA				sS	sS	07 59 25.5	-6.1
GYA				SS	SS	08 03 10.0	-0.3
GYA	comp=Z,50nm,1.0s			PMZ			
GYA	comp=Z,100nm,4.5s			LN			
GYA	comp=Z,160nm,23.7s			LE			
GYA	comp=Z,260nm,19.3s			LZ			
136A	Ennis	60.59	74	P	P	07 50 59.0	-0.1
Z37A	Pogue Cattle C	60.62	73	P	P	07 50 59.1	-0.2
Y38A	Idabel	60.65	71	P	P	07 50 58.9	-0.5
632A	Uvalde	60.69	79	P	P	07 50 59.0	-0.9
434A	Burne	60.70	76	P	P	07 50 59.7	-0.2
SOKR	Solkamsk	60.70	331	iP	pmax	07 50 59.3	-0.1
SOKR	comp=Z,10.0nm,0.9s			pmax	pmax		
SOKR	comp=Z,620nm,20.0s			MLR	MLR		
533A	Kerrville	60.75	78	P	P	07 50 59.7	-0.6
335A	Moody	60.88	75	P	P	07 51 01.0	-0.1
MIAR	Mount Ida	60.90	70	eP	pP	07 51 01.2	0.0
MIAR	comp=Z,104nm,1.1s			pmax	pmax		
MIAR	Mount Ida	60.90	70	eP	P	07 51 01.1	-0.1
MIAR	Mount Ida	60.90	70	eP	P	07 51 01.2	0.0
MIAR	comp=Z,104nm,1.1s			pmax	pmax		
236A	Katherine and	60.92	74	P	P	07 51 01.7	-1.2
137A	Heron Place, G	60.96	73	P	P	07 51 01.6	0.0
Z38A	Mt. Pleasant	60.97	72	P	P	07 51 01.7	0.0
Y39A	Lockesburg	61.02	71	P	P	07 51 01.7	-0.2
BVAO	Borovoye Array	61.02	320	iP	pmax	07 51 00.6	-1.1
BVAO	comp=Z,16nm,0.7s			pmax	pmax		
BVAR	Borovoye Array	61.02	320	P	P	07 51 01.1	-0.6
BVAR	comp=Z,15nm,0.7s,ba			PcP	PcP	07 51 44.8	+0.1
BVAR	comp=Z,8.3nm,0.6s,ba			LR	LR	08 20 02.8	
BVAR	comp=Z,868nm,19.1s,slow=39			PKP2bc		08 20 29.4	
BRVK	Borovoye	61.04	320	P	P	07 51 00.6	-1.3
BRVK	comp=Z,1.7nm,1.0s,ba			pmax	pmax		
BRVK	Borovoye	61.04	320	P	P	07 51 01.4	-0.5
BRVK	SNR=5.6			pmax	pmax		
BRVK	Borovoye	61.04	320	eP	P	07 51 01.1	-0.7
AAM	Ann Arbor	61.05	58	eP	P	07 51 02.6	+0.5
AAM	comp=Z,4.7nm,0.6s			pmax	pmax		
AAM	Ann Arbor	61.05	58	eP	P	07 51 02.5	+0.5
633A	Saathoff Ranch	61.10	78	P	P	07 51 02.0	-0.6

OLIL	baz=61,SNR=12	61.13	63	eP	P	07 51 02.6	0.0
OLIL	comp=Z,195nm,0.8s			eP	P	07 51 12.3	-2.1
534A	Blanco	61.13	77	eP	pP	07 51 02.3	-0.6
732A	Laxson Ranch,	61.13	79	P	P	07 51 02.5	-0.3
435B	Jarrell	61.14	76	P	P	07 51 02.9	0.0
336A	Riesel	61.16	75	P	P	07 51 03.1	+0.1
PBMO	Poplar Bluff	61.17	66	eP	P	07 51 02.0	-0.9
SIUC	Southern Illin	61.21	65	eP	P	07 51 02.7	-0.5
138A	Matatal Enter	61.32	73	P	P	07 51 04.5	+0.5
TMCR	Tamitsa	61.32	343	eP	P	07 51 02.3	-1.2
TMCR				e		07 53 16.3	
TMCR				pmax	pmax		
237A	Washetta, Mont	61.35	74	P	P	07 51 03.9	-0.3
832A	Faith Ranch, C	61.45	80	P	P	07 51 04.7	-0.2
Z39A	Irene McRaven,	61.45	72	P	P	07 51 04.8	-0.1
UALR	University of	61.46	69	eP	P	07 51 04.6	-0.3
733A	Divot King Ran	61.55	79	P	P	07 51 05.6	-0.1
436A	Wall Ranch, Ga	61.62	75	P	P	07 51 06.5	+0.3
SADO	Sadowa	61.64	53	eP	P	07 51 05.7	-0.4
535A	Date	61.68	77	P	P	07 51 06.6	+0.1
BLO	Bloomington	61.70	62	eP	P	07 51 06.4	-0.1
BLO	comp=Z,98nm,0.8s			pmax	pmax		
BLO	Bloomington	61.70	62	eP	P	07 51 06.4	-0.1
SVE	Sverdlovsk	61.70	328	iP	P	07 51 06.7	+0.5
SVE				e		07 51 47.0	
SVE				e		07 53 25.0	
SVE				e		08 03 33.5	+6.9
SVE	comp=Z,20nm,1.1s			pmax	pmax		
SVE	comp=Z,1µm,20.0s			MLR	MLR		
139A	Bunkhouse Ranch	61.72	72	P	P	07 51 06.8	0.0
238A	Jacksonville	61.76	73	P	P	07 51 07.4	+0.3
833A	Chaparral WMA,	61.77	79	P	P	07 51 07.0	-0.1
PVMO	Portageville	61.84	66	eP	pP	07 51 07.4	-0.1
PVMO				eP	pP	07 51 18.0	-1.3
HBAR	Harrisburg	61.90	67	eP	pP	07 51 07.3	-0.6
HBAR				eP	pP	07 51 17.9	-1.8
HBAR				eP	pP	07 51 49.0	+0.6
USIN	University of	61.91	64	eP	P	07 51 07.8	-0.1
734A	La Parita Cree	61.91	78	P	P	07 51 08.1	0.0
GNAR	Gosnell	61.98	67	eP	P	07 51 08.6	+0.2
437A	Phantom Ranch,	61.98	75	P	P	07 51 09.3	+0.8
635A	Leesville	62.01	77	P	P	07 51 09.7	+0.3
239A	Gary	62.14	73	P	P	07 51 09.0	+0.7
GLAT	Glass	62.18	66	eP	P	07 51 10.6	+0.9
STOK	Stokkvaagen	62.27	355	eP	P	07 51 08.7	-1.2
833A	Laredo	62.36	80	P	P	07 51 11.5	+0.4
735A	Kenedy	62.37	78	P	P	07 51 11.9	+0.8
UTMT	University of	62.37	66	eP	P	07 51 11.0	-0.1
636A	Smothers Creek	62.38	77	P	P	07 51 12.0	+0.8
HALT	Halls	62.40	66	eP	P	07 51 11.5	+0.3
537A	Green Hill Far	62.41	76	P	P	07 51 12.1	+0.8
834A	Tilden	62.43	79	P	P	07 51 12.4	+0.8
438A	San Houston St	62.44	75	P	P	07 51 12.6	+1.0
WCI	Wyandotte Cave	62.49	63	eP	P	07 51 11.6	-0.3
WCI	Wyandotte Cave	62.49	63	eP	P	07 51 11.6	-0.3
339A	Huntington	62.58	73	P	P	07 51 12.5	0.0
ARU	Arti	62.71	328	iP	P	07 51 12.4	-0.6
ARU				s		07 51 50.4	
ARU				s		07 53 33.2	
ARU				s		07 59 38.5	+0.2
ARU				s		08 00 58.0	
ARU				s		08 03 38.0	-4.4
ARU	comp=Z,20nm,1.0s			SS	SS		
ARU	comp=Z,517nm,20.0s			MLR	MLR		
ARU	Arti	62.71	328	P	P	07 51 12.8	-0.2
ARU	comp=Z,103nm,1.0s,SNR=6.6						
ARU	Arti	62.71	328	eP	P	07 51 12.4	-0.6
736A	Circle Diamond	62.75	77	P	P	07 51 15.0	+1.4
835A	Beeville	62.76	78	P	P	07 51 15.0	+1.3
HKT	Hockley	62.79	75	eP	pmax	07 51 13.7	-0.2
HKT	comp=Z,94nm,1.7s			pmax	pmax		
HKT	Hockley	62.79	75	eP	P	07 51 13.7	-0.2
538A	Harpers Horsep	62.80	75	P	P	07 51 15.4	+1.4
934A	Benavides	62.83	79	P	P	07 51 15.4	+1.1
637A	Eagle Lake	62.85	76	P	P	07 51 15.6	+1.2
ACSO	Alum Creek Sta	62.88	59	eP	P	07 51 14.7	+0.3
340A	Gross	62.92	73	P	P	07 51 15.1	+0.4
EBZ	Ebenezer Churc	62.94	67	eP	P	07 51 15.5	+0.7
WWT	Waverly	63.11	65	eP	pmax	07 51 15.9	-0.1
WWT	comp=Z,55nm,0.7s			pmax	pmax		
WWT	Waverly	63.11	65	eP	P	07 51 15.9	-0.1
034A	Hebronville	63.12	80	P	P	07 51 16.7	+0.6
440A	Kirbyville	63.35	73	P	P	07 51 18.2	+0.5
OXF	Oxford	63.35	67	eP	P	07 51 17.6	0.0
OXF	Oxford	63.35	67	eP	P	07 51 17.6	0.0
035A	Encino	63.56	79	P	P	07 51 20.0	+0.9
MMNV	Mt. Morris Dam	63.72	54	eP	P	07 51 20.1	+0.1
540A	Vidor	63.73	74	P	P	07 51 21.4	+1.3
OTUK	Ortayu	63.78	315	P			

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like CRAI Chiangrai, KONO Kongsberg, MOS Moscow, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like AKASG Malin Array Be, AKASG Malin Array Be, AKASG Malin Array Be, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like comp=Z,33nm,0.9s, PRU Pruhonice, PRU Pruhonice, etc.

Table with columns: BFO, Black Forest, 80.48 355 eP, P, 07 52 59.6 -0.5, etc. Lists various stations and their coordinates.

Table with columns: ASAR, Alice Springs, 85.66 223 P, P, 07 53 27.4 +0.4, etc. Lists various stations and their coordinates.

Table with columns: ellipse: s-maj=1.5km s-min=0.4km az=274.0, Greece-Albania border region, Code, Station Name, etc. Lists station details and elliptical coordinates.

12d 9h

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

ISCJB 12 08:34:38.6:0.7, 6:28S:0.08:145.6E:0.1, h150km, mb3.6/6, Error ellipse: s-maj=19.3km s-min=9.5km az=159.2

IDC 12 08:34:41.0:3.3, 6:37S:145.73E, h165km, 4.1km, mb3.3/7, mb1.3.4/9, mb1mx3.3/22, mbtrmp3.9/9, Error ellipse: s-maj=49.3km s-min=21.6km az=130.0

ISC 12 08:34:40.0:4.0, 6:35S:145.7E:0.2, h150km, n10, <055/10, mb3.7/6, New Guinea

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

ISCJB 12 08:49:27.4:1.0, 54:8S:0.1:32.2W:0.4, h10km, mb3.9/5, Error ellipse: s-maj=37.5km s-min=18.5km az=160.0

IDC 12 08:49:27.4:1.0, 54.76S:32.17W, h0km, mb3.9/5, mb1.4.0/5, mb1mx3.8/19, mbtrmp3.9/5, Error ellipse: s-maj=44.1km s-min=23.0km az=74.0

AWI 12 08:49:44.6:54.87S:31.03W, Error ellipse: s-maj=44.1km s-min=23.0km az=74.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VNA1 Neumayer-Stat, VNA2 Neumayer-Watz, etc.

ISCJB 12 08:52:49.6:0.3, 8:20S:0.04:123.92E:0.03, h150km, mb4.0/7, Error ellipse: s-maj=5.2km s-min=3.6km az=18.5

AUST 12 08:52:50.2:8.50S:124.01E, h100km, DJA 12 08:52:52.4:0.2, 8.53S:124.0E, h163km, M4.5/13, mb4.5/13, mb5.1/7, MLV4.4.12, MW(m)B4.5/7

IDC 12 08:52:51.1:1.0, 8.20S:123.98E, h171km, 10km, mb3.7/7, mb1.3.9/13, mb1mx3.7/30, mbtrmp4.3/13, Error ellipse: s-maj=22.6km s-min=9.3km az=65.0

ISC 12 08:52:50.8:0.5, 8.19S:0.05:123.88E:0.05, h150km, n64, <169/66, mb4.0/7, Flores region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SOEI Soe, MMRI Maumere, BATI Baumata, etc.

12d 10 SEP

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

BUI 12 09:10:04.1:4.14S:152.64E, h136km, mb4.9/42, mB5.0/34, IDC 12 09:10:06.0:5.0, 4.22S:152.42E, h137km, 4km, mb4.4/29, mb1.4.5/31, mb1mx4.4/23, mbtrmp4.8/31, MS3.3/8, Ms1.3.3/8, mb1mx3.1/26, Error ellipse: s-maj=11.7km s-min=8.0km az=91.0

MOS 12 09:10:06.6:1.0, 4.11S:152.35E, h146km, mb5.1/38, Error ellipse: s-maj=9.3km s-min=6.5km az=82.6

ISCJB 12 09:10:07.0:0.8, 4.20S:0.03:152.34E:0.03, h151km, 7km, mb4.8/163, Error ellipse: s-maj=4.8km s-min=4.5km az=163.5

NEIC 12 09:10:09.0:2.0, 4.22S:152.35E, h161km, 7km, mb4.9/119, Error ellipse: s-maj=3.9km s-min=3.5km az=73.0

GCMT 12 09:10:09.0:2.0, 4.29S:152.50E, h148km, 2km, MW5.0/85, Moment Tensor Solution. s35,c46; s85,c133; Duration: 0.02t; M=0.189e13; Mw=1.89e13; Mw-2.84e09; Mw2.21e13; Mw-0.95e10; Best double couple: M=4.17100e10

NP2: 1.5e18, 0.00000; 8.34, 0.00000; -1.150, 0.00000; Principal axes: T 4.3360, P1g2.0000, Azm131.0000; N -0.3430, P1g29.0000, Azm23.0000; A -0.0030, P1g52.0000, Azm10.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s.

AUST 12 09:10:13.6:0.7, 4.35S:152.14E, h195km, Error ellipse: s-maj=1.5km s-min=0.9km az=250.0

DJA 12 09:10:18.8:1.2, 4.5S:151.2E, h255km, 9km, M5.3/34, mb4.7/34, mb5.6/9, MLV6.1/11, MW(m)B5.0/9

ISC 12 09:10:06.8:0.3, 4.19S:0.04:152.45E:0.05, h140km, 2km, h140km, p-P, n437, <114/498, mb4.9/155, 13C-6D, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MANU Manus Island, PMG Port Moresby, etc.

12d 10 SEP 610

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SWI Sorong, KDU Kakadu, DZM Mont Dzumac, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for Canterbury Las, McQueen's Vall, Oxford, Lake Taylor, Rata Peaks, Waitaha Valley, Kahutara, Lake Benmore, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for Canterbury Las, McQueen's Vall, Oxford, Lake Taylor, Rata Peaks, Waitaha Valley, Kahutara, Lake Benmore, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for Canterbury Las, McQueen's Vall, Oxford, Lake Taylor, Rata Peaks, Waitaha Valley, Kahutara, Lake Benmore, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like INK Inuvik, KURK Kurchatov, BRVK Borovoye, ARU Arti, ARCS ARCESS Array B, EDM Edmont, WRAB Tennant Creek, WRA Warramunga Arr, FINES FINESS Array B, NOA NORSAR Array B, KIV Kislovodsk, ULM Lac du Bonnet, AKASG Malin Array Be, ANMO Albuquerque, CLL Collm, KHC Kasperske Hory, GERES GRESS Array B, TXAR Lajitas Array, TORD Torodir Be, IBP Imperial Bould, RMX La Rumorosa, WESC Westside Schoo, COK Cook Ranch, SWSC Sam W. Stewart, SGL Mount Signal, MONP Monument Peak, DREC Desert Rsrch C, BAR Barrett, CPBX Cerro Prieto, CBX Cerro Bola, GLA Glamis, PBX Punta Banda, ECNX Esteban Cantu, ECNX Belle Mtn. Jos, BELC El Zacaton, ZAX El Zacaton.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MURC Murrieta, ECXB El Chinero, Y12C Blythe, BBRC Big Bear Solar, ROM, CSEM, LJJ, ISCBJ, VIE, PRU, ISC, PENINSULA, GBRs, BOJS, BOJS, BOJS, VISS, VISS, VISS, KNDS, KNDS, KNDS, CEY, CEY, CRES, CRES, LEGS, LEGS, LEGS, GCIS, GCIS, GCIS, CESS, CESS, LJU, LJU, LJU, LJU, SKDS, SKDS, VNSD, VNSD, GOLS, GOLS, JAVS, JAVS, JAVS, DOBS, DOBS, CRNS, CRNS, TRI, TRI, TRI, TRI, VOJS, VOJS, VOJS, GROS, GROS, SABO, SABO, SABO, SABO, OBKA, OBKA, GORS, GORS, CADs, CADs, CADs, DRE, DRE, DRE, BISS, BISS, SOKA, SOKA, SOKA, SOKA, ROBS, ROBS, COLI, COLI, COLI, KOGS, KOGS, KOGS, VINO, VINO.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VINO Villanova, VINO Villanova, VINO Villanova, VINO Lussari, LSR Lussari, LSR Lussari, BAD Bernadia, BAD Bernadia, BAD Bernadia, PTCC Patocco-Chiusa, PTCC Patocco-Chiusa, ACOM Acomizza, ACOM Acomizza, ACOM Acomizza, ACOM Acomizza, MYKA Terra Mystica, MYKA Terra Mystica, MYKA Terra Mystica, BUA Buia, BUA Buia, MPRI Monte Prat, MPRI Monte Prat, BEHE Becsehely, BEHE Becsehely, BEHE Becsehely, FUSE Fusesa, FUSE Fusesa, PLRO Pauloro, PLRO Pauloro, BLY Banja Luka, BLY Banja Luka, BLY Banja Luka, STAL STALIGAL, STAL STALIGAL, ZOU Zouplan, MLNI Malnisio, MLNI Malnisio, POLC Polcenigo, POLC Polcenigo, ARSA Arzberg, ARSA Arzberg, ARSA Arzberg, FVI Forni Avoltri, FVI Forni Avoltri, KBA Koelbrenspers, KBA Koelbrenspers, KBA Koelbrenspers, ABTA Abfattersbach, ABTA Abfattersbach, CGRP Cima Grappa, CGRP Cima Grappa, MOA Molin, MOA Molin, MOA Molin, PKSM Moragy, PKSM Moragy, PKSM Moragy, KHC Kasperske Hory, KHC Kasperske Hory, KHC Kasperske Hory, WRAC GO Pecny, WRAC GO Pecny, GOPC GO Pecny, GOPC GO Pecny, PRU Pruhonice, PRU Pruhonice, PRU Pruhonice, DPC Dobruska-Polom, DPC Dobruska-Polom, DPC Dobruska-Polom, UPIC Upice, UPIC Upice, UPIC Upice, SKHJ, JMA, ISC, KUR Kuril'sk, KUR Kuril'sk, KUR Kuril'sk, KUR Kuril'sk, SHO Shikotan, SHO Shikotan, SHO Shikotan, YUK Yuzh-Kuril'sk, YUK Yuzh-Kuril'sk, YUK Yuzh-Kuril'sk, NEMZ Nemuro 2, NEMZ Nemuro 2.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JRA, JNK, JAK, JTKR, etc.

WEL 12 12:22:07.0±0.4, 42°45'±173.70E, h10km±2km, ML3.6/12, 1C, Error ellipse: s-maj=3.3km s-min=1.6km az=90.0, South Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KHZ, BSWZ, CMWZ, THZ, etc.

IDC 12 12:39:30.0±1.1, 1°73'N, 127°11'E, h0km, mb4.0/5, mb1 4.2/6, mb1mx3.7/37, mbtmp4.0/6, ML4.2/1, Error ellipse: s-maj=75.6km s-min=17.3km az=76.0

ISCJB 12 12:39:40.3±0.6, 1°84'N, 0°06'±127.48E, 0.09, h112km, mb4.0/5, Error ellipse: s-maj=14.3km s-min=6.0km az=155.3

DJA 12 12:39:44.2±1.6, 2°N, 7°12'E, h107km±15km, ML4.3/6, ML4.4/3/6

AUST 12 12:39:50.5±1.6, 1°44'N, 127°29'E, h192km, Error ellipse: s-maj=2.8km s-min=1.2km az=22.0

ISC 12 12:39:42.3±0.7, 1°80'N, 0°07'±123.3E, 0.11, h112km, n24, ±127/24, mb3.9/5, Halmahera

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TMTI, LBM1, SGTI, etc.

NIED 12 12:52:00, 22°40'N, 123°70'E, h8km, Mw3.7 Best double couple: M4.28000±0.14, NP1.36140, 00000±0.61, 00000±0.7, 30.00000±0.2, NP2.246.00000±0.64, 00000±0.7, 148.00000±0.7

JMA 12 12:52:10.5±0.5, 22°44'N, 123°70'E, h52km, M3.8, Southeast of Taiwan

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

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

CSEM 12 12:56:48.5, 11°97'N, 44°36'E, h13km, ML3.5, DHMR 12 12:56:48.5±1.2, 11°97'N, 44°36'E, h14km±10km, ML3.5, Western Gulf of Aden

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

DDA 12 12:57:48.9, 37°06'N, 29°02'E, h8km, MD2.7, ISK 12 12:57:48.9, 37°08'N, 28°94'E, h9km, MD2.7, ISCJB 12 12:57:49.2±0.8, 37°02'N, 0°06'±28.97E, 0.05, h7km±9km, Error ellipse: s-maj=10.3km s-min=5.1km az=153.1

CSEM 12 12:57:49.0±0.5, 37°03'N, 28°97'E, h12km, MD2.7, Error ellipse: s-maj=12.0km s-min=6.9km az=149.0, ISC 12 12:57:49.2±1.2, 37°09'N, 0°04'±28.97E, 0.03, h4km±11km, n16, ±653/28, Turkey

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

IDC 12 13:01:54.0±0.4, 45°07'N, 77°46'E, h0km, mb4.4/28, mb1 4.5/37, mb1mx4.4/55, mbtmp4.4/37, ML3.8/8, MS3.6/12, MS1.3/8/12, ms1mx3.3/37, Error ellipse: s-maj=8.4km s-min=6.3km az=142.0

MOS 12 13:01:54.8±1.0, 45°31'N, 77°54'E, h31km, mb4.7/40, Error ellipse: s-maj=6.3km s-min=5.0km az=97.4, MOS Felt (III-V) at Taldikorgan; (II) at Almaty, BUJ 12 13:01:56.5, 45°36'N, 77°34'E, h26km, mb4.4/32, mb4.4/27, ML4.6/9, Ms4.0/19, Ms7.3/21

ISCJB 12 13:01:57.0±0.8, 45°30'N, 0°02'±77.43E, 0.03, h2km±6km, mb4.6/88, MS3.6/15, Error ellipse: s-maj=3.1km s-min=2.8km az=26.3

NINC 12 13:01:59.0±0.7, 45°26'N, 77°34'E, h26km±5km, mb5.2, mpy4.8, Error ellipse: s-maj=4.0km s-min=2.8km az=109.0, NEIC 12 13:01:59.0±0.4, 45°19'N, 77°39'E, h37km, mb4.8/48, Error ellipse: s-maj=4.6km s-min=3.4km az=155.0

NEIC Felt (IV) at Taldyqorghan and (II) at Almaty, ISC 12 13:01:58.9±0.3, 45°26'N, 0°03'±77.38E, 0.03, h28km±2km, h27km±P-P, n314, ±1947/362, mb4.7/88, MS3.7/16, 41C-29D, Eastern Kazakhstan

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

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

BRVK	Borovoye	9.08 332	P	Pn	13 04 08.6 +0.6
BRVK	comp=Z,8.0nm,0.3s			pmax	
BRVK	Borovoye	9.08 332	ePn	Pn	13 04 08.7 +0.7
ZAAO	Zalesovo Array	9.95 26	ePn	Pn	13 04 20.1 +0.4
ZALV	Zalesovo Beam	9.95 26	Pn	Pn	13 04 20.3 +0.5
ZALV	comp=Z,5.1nm,0.3s,baz=221,slow=12,SNR=72			Sn	
ZALV	comp=Z,12nm,0.3s,baz=222,slow=24,SNR=8.5			Lg	13 07 16.6
ZALV	comp=Z,10nm,0.3s,baz=202,slow=27,SNR=6.7			LR	13 08 30.4
ZALV	comp=Z,220nm,20.6s,baz=245,slow=39			LR	
ZALV	Zalesovo Beam	9.95 26	P	Pn	13 04 20.3 +0.5
ZALV	comp=Z,5.0nm,0.3s			pmax	
ZALV	comp=N,12nm,0.3s			smax	
ZALV	comp=Z,220nm,20.7s			MLR	MLR
NVS	Novosibirsk	10.30 19	eP	Pn	13 04 24.3 -0.4
NVS	comp=Z,12nm,0.3s			pmax	
CHCP	Chirah Chowk	12.01 197	P	Pn	13 04 50.6 +2.5
CEP	Cherat	12.17 202	P	Pn	13 04 56.9 +5.3
CEP	comp=Z,1.1nm,0.3s,baz=102,slow=12,SNR=28			S	
HVS	Khovu-Aksy	12.37 56d	iP	Pn	13 04 53.9 +0.9
AB31	Abkulak array	12.50 295	iPn	Pn	13 04 52.9 -1.8
AB31	comp=Z,8.9nm,0.5s			Sn	13 07 08.3 -4.6
AB31	comp=Z,1.7nm,0.7s,baz=95,slow=24,SNR=2.8			Sn	
ABKAR	Abkulak array	12.50 295	ePn	Pn	13 04 53.1 -1.7
DHRM	DHARAMSHALA	13.01 184	ex	Pn	13 05 11.0 -1.2
DHRM	comp=Z,33nm,0.2s			AMB	AMB
AKTO	Aktyubinsk	13.98 299	iPn	Pn	13 05 13.3 -1.7
AKTO	comp=Z,20nm,0.8s			iPn	
AKTO	comp=Z,1.8nm,0.5s			Sn	13 07 42.8 -6.3
AKTO	Aktyubinsk	13.98 299	Pn	Pn	13 05 13.7 -1.3
AKTO	comp=Z,1.8nm,0.3s,baz=102,slow=12,SNR=28			Lg	13 09 23.6
AKTO	comp=Z,2.4nm,0.3s,baz=243,slow=16,SNR=3.0			LR	13 11 00.2
AKTO	comp=Z,272nm,18.9s,baz=113,slow=39			LR	
SMLA	Simla	14.11 181	eP	Pn	13 05 15.7 -1.1
SMLA	comp=Z,1.6nm,0.8s			AMB	AMB
DDI	Dehra Dun	14.92 178	eP	Pn	13 05 28.0 +0.2
DDI	comp=Z,36nm,1.3s			AMB	AMB
SVE	Sverdlovsk	15.60 324	eP	Pn	13 05 34.1 -2.5
SVE	comp=Z,20nm,0.7s			pmax	
SVE	comp=Z,299nm,16.0s			MLR	MLR
IMYA	Miami	15.80 242	eP	Pn	13 05 38.0 -1.4
GEYT	Alibek	16.14 250	Pn	Pn	13 05 40.6 -3.0
GEYT	comp=Z,1.1nm,0.3s,baz=34,slow=11,SNR=3.7			Pn	
ARU	Arti	16.26 320	Pn	Pn	13 05 43.4 -1.6
ARU	comp=Z,0.0nm,0.3s,baz=290,slow=23,SNR=5.0			LR	13 12 21.1
ARU	Arti	16.26 320	iP	Pn	13 05 42.8 -2.2
ARU	comp=Z,309nm,19.2s,baz=126,slow=38			S	
ARU	comp=Z,5.0nm,0.6s			pmax	
ARU	Arti	16.26 320	ePn	Pn	13 05 43.1 -1.9
ARU	comp=Z,39nm,0.8s			Pn	
IMOG	Moghan	16.42 242	eP	Pn	13 05 51.2 +1.0
IPAY	Payeh	16.43 244	eP	Pn	13 05 46.6 -1.0
IAKL	Akhelmad	16.49 245	eP	Pn	13 05 46.3 -2.0
GTA	Gaotai	17.56 102	eP	Pn	13 06 02.7 +0.1
GTA	comp=Z,1.1nm,0.3s			pP	13 06 08.2 -1.8
GTA	comp=Z,1.1nm,0.3s			sP	13 06 11.1 -2.4
GTA	comp=Z,1.1nm,0.3s			S	13 09 17.3 +0.9
GTA	comp=Z,1.1nm,0.3s			sS	13 09 24.9 +1.2
GTA	comp=Z,1.1nm,0.3s			SnSn	13 09 40.3 +1.0
GTA	comp=Z,10.0nm,1.1s			PMZ	
GTA	comp=Z,5.1nm,5.7s			PMZ	
GTA	comp=Z,240nm,11.4s			LN	
GTA	comp=Z,220nm,11.4s			LE	
GTA	comp=Z,150nm,11.9s			LZ	
DANN	Dangsing	17.62 161	eP	P	13 06 03.2 -0.2
ZAK	Zakamensk	18.09 64	eP	Pn	13 06 04.0 -4.1
ZAK	comp=Z,1.1nm,0.8s			pmax	
KOLN	Koldanda	18.14 162	eP	Pn	13 06 07.1 -1.8
KOLN	comp=Z,37nm,0.9s			Pn	
GKN	Gorkha	18.16 159	eP	Pn	13 06 08.6 -0.5
GKN	comp=Z,4.4nm,0.6s			Pn	
IDAH	Dahanechah	18.43 233	eP	Pn	13 06 13.6 +1.1
TLY	Talaya	18.50 60	P	Pn	13 06 12.4 -0.3
TLY	comp=Z,0.0nm,0.3s,baz=306,slow=9.7,SNR=6.6			LR	13 13 36.7
TLY	comp=Z,226nm,20.5s,baz=258,slow=38			LR	
TLY	Talaya	18.50 60	eP	Pn	13 06 13.8 +0.8
TLY	comp=Z,4.0nm,0.9s			Pn	
KKN	Kakani	18.53 157	eP	Pn	13 06 12.7 -0.7
KKN	comp=Z,20nm,0.5s			Pn	
DMN	Daman	18.66 158	eP	Pn	13 06 15.4 +0.1
DMN	comp=Z,50nm,0.9s			Pn	
PKIN	Phulchoki	18.77 157	eP	Pn	13 06 22.5 +5.9
PKIN	comp=Z,1.6nm,0.6s			Pn	
PKI	Pulchoki	18.78 157	eP	P	13 06 15.5 -0.7
PKI	comp=Z,45nm,0.7s			Pn	
SOKR	Solikamsk	18.95 327	eP	Pn	13 06 18.6 +0.3
SOKR	comp=Z,8.0nm,0.7s			pmax	
SOKR	comp=Z,270nm,19.0s			MLR	MLR
TAPN	Taplejung	19.68 152	eP	Pn	13 06 28.7 +1.1
TAPN	comp=Z,26nm,0.8s			Pn	
RAMN	Ramite	19.70 155	eP	Pn	13 06 26.4 +0.1
RAMN	comp=Z,44nm,0.8s			Pn	
ODAN	Odare	20.03 153	eP	P	13 06 30.5 +0.7
ODAN	comp=Z,1.6nm,0.5s			Pn	
SONM	Songino Array	20.07 72	P	Pn	13 06 29.2 -0.9
SONM	comp=Z,5.0nm,0.6s			LR	13 14 32.1
SONM	Songino Array	20.07 72	P	Pmax	13 06 29.2 -0.9
SONM	comp=Z,5.0nm,0.6s			MLR	MLR
SONM	comp=Z,104nm,18.2s,baz=264,slow=38			MLR	
SONA1	Songino Array	20.08 72	eP	P	13 06 29.3 -0.8
ULN	Ulanbaatar	20.52 72	eP	P	13 06 34.1 -0.8
ULN	comp=Z,3.0nm,0.8s			pmax	
ULN	Ulanbaatar	20.52 72	eP	P	13 06 34.3 -0.6
ULN	comp=Z,7.8nm,0.9s			Pn	
ISHM	Shirozko	20.53 251	eP	Pn	13 06 38.3 +0.7
IFIR	Fahimirooz	20.99 251	eP	Pn	13 06 41.3 -1.0
IBAF	Batigh	21.78 239	eP	P	13 06 51.9 +3.3
BHPL	Bhopal	21.96 180	eP	P	13 06 48.7 -1.7
BHPL	comp=Z,12nm,0.6s			AMB	AMB
LZH	Lanzhou	21.98 105	eP	P	13 06 50.4 -0.4
LZH	comp=Z,1.1nm,0.3s			pP	13 06 57.5 -0.8
LZH	comp=Z,1.1nm,0.3s			sP	13 07 01.4 -0.4
LZH	comp=Z,1.1nm,0.3s			sS	13 10 56.5 +4.5
LZH	comp=Z,1.1nm,0.3s			SS	13 11 22.0 +3.7
LZH	comp=Z,13nm,1.0s			PMZ	
LZH	comp=Z,57nm,4.5s			PMZ	
LZH	comp=Z,210nm,12.1s			LN	
LZH	comp=Z,190nm,12.4s			LZ	
IGZV	Ghazvin	22.30 256	eP	P	13 06 56.4 +2.2
BOK	Bokaro	22.50 159	eP	P	13 06 52.9 -3.2
BOK	comp=Z,25nm,0.7s			AMB	AMB
SHL	Shilling	22.86 144	eP	P	13 06 59.9 -0.2

DGRG	David-gareji	23.50 272	P	P	13 07 08.5 +2.1
DGRG	David-gareji	23.50 272	P	P	13 07 08.4 +2.1
IHRIS	Heris	23.56 264	eP	P	13 07 07.7 +0.5
IRAM	Rameshah	23.60 244	eP	P	13 07 08.4 +0.8
IPIR	Pirpir	24.00 248	eP	P	13 07 12.4 +0.9
INCP	Novokhoprovsk	24.08 176	eP	P	13 07 11.0 -0.9
VRH	Novokhoprovsk	24.31 297	eP	P	13 07 22.2 +8.4
VRH	comp=Z,8.0nm,0.6s			pmax	
VRH	comp=N,5.0nm,0.5s			pmax	
IMRD	Marand	24.33 266	eP	P	13 07 15.8 +1.5
GNI	Garni	24.42 270	iP	P	13 07 16.9 +1.8
GNI	comp=Z,15nm,0.8s			pmax	
GNI	Garni	24.42 270	iP	P	13 07 18.0 +2.9
GNI	comp=Z,28nm,0.8s			P	13 07 17.1 +2.0
ONI	Oni	24.48 276	P	P	13 07 17.5 +1.9
ONI	comp=Z,2.2nm,0.5s			P	13 07 17.4 +1.9
ONB	Khabaz	24.54 279	P	P	13 07 15.7 -0.2
ONB	comp=Z,5.3nm,0.6s,baz=102,slow=5.3,SNR=9.7			P	
KBZ	Khabaz	24.54 279	P	Pmax	13 07 15.7 -0.2
KBZ	comp=Z,5.0nm,0.6s			P	
IPAR	Paris	24.54 240	eP	P	13 07 16.8 +0.3
ISHB	Shabestar	24.58 265	eP	P	13 07 17.4 +0.7
KIV	Kislovodsk	24.62 259	eP	P	13 07 16.4 -0.5
KIV	comp=Z,11nm,1.0s			pmax	
KIV	comp=Z,152nm,15.0s			MLR	MLR
NEY	Neytrino	24.79 278f	eP	P	13 07 20.3 +1.8
NEY	comp=Z,2.0nm,0.7s			pmax	
ISRV	Sarvestan	24.83 239	eP	P	13 07 19.4 +0.3
CD2	Chengdu	25.08 116	P	P	13 07 20.8 -0.2
CD2	comp=Z,2.0nm,0.5s			pP	13 07 28.9 -0.2
CD2	comp=Z,2.0nm,0.5s			sP	13 07 32.6 +0.1
CD2	comp=Z,2.0nm,0.5s			PnPn	13 08 00.3 +5.2
CD2	comp=Z,2.0nm,0.5s			S	13 11 44.1 +0.2
CD2	comp=Z,2.0nm,0.5s			sS	13 11 58.1 +0.9
CD2	comp=Z,2.0nm,0.5s			SnSn	13 12 40.2 +7.9
HHC	Hu-ho-hao-tse	25.25 88	eP	P	13 07 26.6 +4.0
HHC	comp=Z,34nm,1.3s			S	13 11 50.4 +3.9
HHC	comp=Z,68nm,5.0s			PMZ	13 11 59.1 -0.7
HHC	comp=Z,34nm,1.3s			PMZ	
HHC	comp=Z,68nm,5.0s			PMZ	
HHC	comp=Z,330nm,12.4s			LN	
HHC	comp=Z,230nm,13.7s			LE	
HHC	comp=Z,360nm,11.2s			LZ	
IKAZ	Kazeroun	25.33 241	eP	P	13 07 23.1 -0.5
BOD	Bodaibo	25.66 47	eP	P	13 07 25.2 -0.8
BOD	comp=Z,15nm,0.9s			pmax	
BOD	comp=Z,15nm,0.9s			pmax	
BANOM	Banal	25.67 228	iP	P	13 07 26.8 +0.4
BANOM	SNR=6.9			P	
VORD	Divnogorie	25.85 297	eP	P	13 07 27.9 +0.1
VORD	comp=Z,2.0nm,0.5s			pmax	
VORD	comp=N,10.0nm,0.8s			pmax	
VORD	comp=E,10.0nm,0.7s			pmax	
VSR	Storozhevo	25.92 297	eP	P	13 07 28.7 +0.3
VSR	comp=Z,7.0nm,0.6s			pmax	
VSR	comp=N,6.0nm,0.7s			pmax	
VSR	comp=E,8.0nm,0.9s			pmax	
XAN	Xi'an	26.58 104	P	P	13 07 34.9 +0.3
XAN	comp=E,5.0nm,1.0s			pP	13 07 42.8 +0.1
XAN	comp=E,5.0nm,1.0s			PMZ	
XAN	comp=E,5.0nm,1.0s			PMZ	
ASHO	Ashiyah	26.80 227	iP	P	13 07 37.1 +0.4
ASHO	SNR=5.3			P	
KMI	Kunming	28.66 126	P	P	13 07 54.2 +0.7
KMI	comp=Z,4.6nm,18.7s,baz=340,slow=40			pP	13 08 03.3 +1.7
KMI	comp=Z,2.3nm,0.4s,baz=67,slow=8.5,SNR=6.9			sP	13 08 38.7 -2.1
KMI	comp=E,9.0nm,1.1s			S	
KMI	comp=E,79nm,10.6s			PMZ	
KMI	comp=E,75nm,11.4s			LN	
KMI	comp=E,78nm,10.6s			LE	
BJI	Beijing	28.81 87	P	P	13 07 54.7 +0.3
BJI	comp=E,8.0nm,0.9s			S	13 12 40.8 -1.6
BJI	comp=E,5.0nm,1.0s			PMZ	
BJI	comp=E,110nm,3.8s			PMZ	
BJI	comp=E,160nm,15.4s			LN	
BJI	comp=E,89nm,15.0s			LE	
BJI	comp=E,40nm,17.6s			LZ	
GYA	Guiyang	30.01 119	eP	P	13 08 07.2 +1.9
GYA	comp=E,10.0nm,0.8s			PMZ	
APA	Apaitiy	31.92 330	eP	P	13 08 23.0 +1.4
APA	comp=Z,200nm,15.0s			MLR	MLR
CMAR	Chiang Mai Arr	32.19 139	P	P	13 08 23.4 -1.1
CMAR	comp=Z,1.9nm,0.7s,baz=319,slow=9.2,SNR=15			LR	13 23 11.7
AKASG	Malin Array Be	32.22 297	P	P	13 08 24.5 +0.1
AKASG	comp=Z,2.3nm,0.4s,baz=67,slow=8.5,SNR=6.9			P	
AKASG	Malin Array Be	32.22 297	ceP	P	13 08 25.2 +0.8
AKASG	comp=Z,2.0nm,0.4s			pmax	
CM01	Chiang Mai Arr	32.23 139	eP	P	13 08 23.3 -1.5
KIEV	Kiev	32.23 29			

Table with columns for station name, frequency, and signal strength. Includes stations like KUR, PAU, SHO, YAK, etc.

Table with columns for station name, frequency, and signal strength. Includes stations like MDJ, YASR, ZEA, YAK, etc.

Table with columns for station name, frequency, and signal strength. Includes stations like MCK, RND, SML, WRH, COLA, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like MLR Muntele Rosu, PSZ Piszketeto, etc.

ISCJB 12 15:34:15.1±0.4, 49°88'N, 0°03'18.37E, h0km, Error ellipse: s-maj=4.4km s-min=2.4km az=13.4

IPEC 12 15:34:15.9±0.2, 49°84'N, 18°51'E, h0km, ML1/6.3, Error ellipse: s-maj=2.1km s-min=1.1km az=161.0

CSEM 12 15:34:15.7±0.2, 49°89'N, 18°40'E, h1km, ML2/7.11, Error ellipse: s-maj=4.5km s-min=2.0km az=9.0

ISC 12 15:34:16.4±0.8, 49°86'N, 0°03'18.42E, h0km, n37, ±0.92/69, Czech and Slovak Republics

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like OKC Ostrava-Krasne, MORC Moravsky Berou, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like KRUC baz=60, UPJC Ujice, etc.

WEL 12 15:45:46.4±0.1, 43°62'S, 172°48'E, h16km, ML3.5/13, 2C-4D, Error ellipse: s-maj=0.7km s-min=0.6km az=90.0, South Island

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like CRLL Canterbury Las, MOZ McQueen's Vall, etc.

MEX 12 16:08:19.7±0.6, 18°27'N, 103°57'W, h5km, MD3.9, Near coast of Michoacan

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like MMIG Aquila, ZIIG Zihuatanejo, etc.

GUC 12 16:12:07.7±0.5, 34°79'S, 71°81'W, h44km, 1km, ML4.1, ISC 12 16:12:07.1±3.6, 34°88'S, 0°08'72.2W, h17km, 13km, n14, ±25/95, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like AUSP Upallata, ASAL Salagasta, etc.

MEX 12 16:23:54.2±0.6, 16°42'N, 96°99'W, h16km, 733km, MD3.6, Oaxaca

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like VHO Vista Hermosa, PNIG Pinotepa, etc.

MAN 12 16:35:49.5±18N, 124°35'E, h33km, mb5.6, ML4.6, MS5.0, MAN INTENSITY I - GENERAL SANTOS CITY

MOS 12 16:35:53.4±1.1, 5°70'N, 124°67'E, h33km, mb5.0/20, MS4.2/6, Error ellipse: s-maj=13.0km s-min=6.7km az=113.1

DJA 12 16:35:54.8±0.4, 6°N, 4°12'55"E, h10km, M5.1/17, mb5.9/17, mb5.4/17, MLV5.6/12, Mw(mB)4.9/17, Mwps5.8/2

ISCJB 12 16:35:55.1±0.3, 5°53'N, 0°02'124.60E, h0.02, h43km, 3km, mb4.7/91, MS4.3/39, Error ellipse: s-maj=4.0km s-min=2.8km az=172.3

GCMT 12 16:35:55.8±0.2, 5°55'N, 124°60'E, h21km, 1km, MW5.1/85, Moment Tensor Solution. s50, c70; s85, c124; Duration: 0 Moment tensor: Scale 10^19Nm; Mr: 3.00±.18; Mw: 2.33±.12; Mw-0.67±.12; Mw2.24±.22; Mw2.95±.09; Mw-3.55±.32; Best double couple: M5: 73300x10^16

NP1: s=146.00000; 67.100000; A.108.00000; NP2: 6.28100000; 326.00000; 4.8.00000; Principal axes: T 5.1850, Plg6.00000; Azm320.0000; N 1.0920. Plg17.0000; Azm320.0000; P -6.2810, Plg24.0000; Azm22.0000; nsta1 refers to surface waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 12 16:35:55.8±0.4, 5°55'N, 124°64'E, h37km, 4km, mb5.0/32, Error ellipse: s-maj=6.1km s-min=4.9km az=68.0

NEIC Felt (P) at General Santos. BUJ 12 16:35:55.6±5.70N, 124°70'E, h34km, mb4.6/44, mb4.9/42, Ms4.6/52, Ms7.4/49

AUST 12 16:35:56.7±0.6, 5°50'N, 124°56'E, h44km, 6km, Error ellipse: s-maj=6.6km s-min=5.0km az=44.0

IDC 12 16:35:58.6±2.1, 5°60'N, 124°60'E, h7km, 19km, mb4.1/24, mb1.4/2125, mb1mx4.1/41, mbtmp4.4/25, MS4.2/24, Ms1.4/2/24, ms1mx4.1/30, Error ellipse: s-maj=16.2km s-min=9.7km az=74.0

KLM 12 16:36:02.75±90N, 124°12'E, h34km, mb4.9, MS5.5, ISC 12 16:36:55.9±0.3, 5°60'N, 124°65E, h33km, 1km, h33km; pp-P, n300, ±1979/343, mb4.9/91, MS4.3/39, 32C-37D, Mindanao

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like GSPH General Santos, GSPH Cotabato-PC H, etc.

DAV Davao City (W) 1.70 32± P, 784nm, 0.3s, baz=214, slow=1.5, SNR=158

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like MATI Mati, SGSI Sangihe, etc.

PAZG Pagadian 2.56 331± P, CGP Cagayan de Oro 2.83 111± P, ZMPH Zamboanga City 2.90 298± P, IPIL Ipil 3.00 317± P, BIFH Bislig 3.08 331± P, BUTP Butuan 3.48 16± P, MLSP Maasin 4.51 3± P, KMSI Cibinong 5.04 18± P, GTOI Gorontalo 5.02 198± P, TNTI Ternate 5.17nm, 1.0s, 5m2.9nm

TNTI Ternate 5.51 150± P, PLS Palo 5.54 30± P, MRSP Marisa 5.77 208± P

TOLI Toli-Toli 5.89 221± P, ML26M Lahad Datu 6.14 266± P, MYLDM Lahad Datu 6.14 266± P, RCP Roxas 6.21 342± P, LBMI Labuan 6.82 155± P

LUWI Luwuk 6.86 196± P, LUWI Luwuk 6.86 196± P, LUWI Luwuk 6.86 196± P, LUWI Luwuk 6.86 196± P

SDKM Sandakan 7.42 271± P, SANI Sanana 7.72 170± P, KDM Kudat 7.88 280± P, KKM Kota Kinabalu 8.41 273± P

KKM Kota Kinabalu 8.41 273± P, KKM Kota Kinabalu 8.41 273± P, NLAI Namlea 8.12 164± P

SWI Sorong 9.21 134± P, SIJI Sorong 9.22 134± P, KDI Kendari 9.57 192± P

TTSI Tana Toraja 9.85 209± P, PALU Palau 9.91 79± P

SPSI Sidrap Palu 10.68 207± P, FAKI Fak Fak 11.37 138± P

FAKI Fak Fak 11.37 138± P, KAPI Kapappang 11.37 138± P, KAPI Kapappang 11.63 205± P

KAPI Kapappang 11.63 205± P, SBUM Sibutu 12.79 256± P, SBUM Sibutu 12.79 256± P, BBKI Banjar Baru 13.31 228± P

MMRI Maumere 14.35 190± P, KSM Kuching 14.89 255± P, KSM Kuching 14.89 255± P, SOEI Soe 15.26 181± P

SOEI Soe 15.26 181± P, BATI Baunata 15.74 184± P, ABJI Asem Bagus 16.89 218± P

JAY Jayapura 17.95 116± P, TPUB Tapu 18.02 348± P, YHNB Yeheng 19.22 351± P

MTN Mantan Dam 19.42 161± P

Table with columns for station name, frequency, power, and other technical details. Includes stations like BHPL Bhopal, DZM Mont Dzumac, WMQ Urumqi, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like VSR Storozevoje, VSR comp=N,10.0nm,0.5s, COLD Coldfoot, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like LEM Lembang, BLJI Banyuglugur, CNUJ Cebu, etc.

AUST 12 16:38:53.0, 0.3, 8.09S; 110:31'E, h0km, Error ellipse: s-maj=7.0km s-min=4.4km az=44.0
DJA 12 16:38:55.4, 0.2, 8'S, 4.1'E, h10km, M5.0/27, mb5.2/5, mb5.3/3, MLV5.0/27, Mw(MB)4.7/3
ISCJB 12 16:38:57.0, 4.7, 7.91S; 110:05:11.0, 45E:0.03, h44km, 5km, mb4.3/20, Error ellipse: s-maj=8.5km s-min=4.1km

MAN 12 17:08:14, 5.52N; 124:51'E, h1km, mb5.1, ML4.1, MS4.2
ISCJB 12 17:08:15.5, 2.0, 5.47N; 0:05:124.34E:0.06, h5km, 14km, mb3.4/5, MS2.5/1, Error ellipse: s-maj=11.3km

12d 18h

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for General Santos, Cotabato-PC H, Davao City-Mi, Davao City (W), etc.

IDC 12 17:13:38.3±2.8, 12.19N:85.91W, h85km, 33km, mb3.4/4, mb1.3/7.5, mb1mx3.4/28, mbtmp3.7/5, MS2.2/1, Ms1 2.2/1, ms1mx2.1/19, Error ellipse: s-maj=85.1km s-min=29.2km az=55.0

ISC 12 17:13:34.1±1.1, 12.02N:0.3:86.8W±0.4, h35km, n9, e176/9, mb3.5/4, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for JuntasAbangare, Warramunga Arr, etc.

ISC/JB 12 17:51:01.8±0.3, 41.66N:0.02:14.05E±0.02, h5km, 3km, Error ellipse: s-maj=4.2km s-min=2.5km az=32.7

ISC 12 17:51:02.0±0.8, 41.65N:0.02:14.06E±0.02, h11km, 4km, n66, e095/95, Southern Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for Filignano, Rionero Sannit, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for Calfre, Calfre, PTOR, PTOR, etc.

ISC 12 18:03:55.9, 38.55N:39.57E, h7km, MD3.2 DDA 12 18:03:57.2, 38.56N:39.54E, h7km, MD2.8 CSEM 12 18:03:57.9±0.3, 38.54N:39.49E, h10km, MD3.2, Error ellipse: s-maj=7.4km s-min=6.6km az=171.0

ISC 12 18:03:58.1±1.1, 38.54N:0.003:39.51E±0.02, h6km, 9km, n30, e192/42, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for SVRC, SVRC, SVRC, etc.

ISC 12 18:04:23.9, 37.90N:27.51E, h8km, MD2.6 DDA 12 18:04:24.2, 37.90N:27.49E, h7km, MD2.9 ATH 12 18:04:24.4±0.2, 37.87N:27.50E, h9km, 3km, MD2.9/4 CSEM 12 18:04:24.4±0.2, 37.87N:27.50E, h2km, MD2.6, Error ellipse: s-maj=2.0km s-min=3.8km az=1.0

ISC 12 18:04:24.3±1.0, 37.89N:0.02:27.51E±0.02, h7km, 9km, n51, e081/85, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for Zeytinkoy-Aydi, Zeytinkoy-Aydi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for ZEY, YER, YER, YER, etc.

TAP 12 18:08:37.5, 24.92N:122.29E, h137km, 1km, ML2.6, C ISC/JB 12 18:08:38.2±1.1, 24.90N:0.10:122.33E±0.03, h129km, 7km, Error ellipse: s-maj=16.1km s-min=4.6km az=179.7

JMA 12 18:08:38.2±0.2, 24.84N:122.28E, h130km, 2km, M1.7 ISC 12 18:08:37.7±2.4, 24.93N:0.1:122.30E±0.04, h134km, 15km, n19, e054/34, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for TWB1, NWF, NWF, etc.

TRN 12 18:10:38.1, 17.85N:62.49W, h22km, MD3.6, Leeward Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes entries for SEUS, SEUS, SEUS, etc.

ISC/JB 12 18:16:45.4±0.7, 20.93S:0.04:69.4W±0.1, h101km, 7km, mb3.8/2, Error ellipse: s-maj=19.5km s-min=6.7km az=1.4 GUC 12 18:16:45.0±0.6, 20.92S:69.40W, h85km, 3km, ML4.3 IDC 12 18:16:48.8±1.4, 20.99S:68.45W, h92km, 27km, mb3.7/2, mb1.3/8.3, mb1mx3.4/22, mbtmp4.1/3, MS2.5/1, Ms1 2.6/1, ms1mx2.2/21, Error ellipse: s-maj=81.5km s-min=16.8km az=98.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IPOC Station P, MACH Maria Elena, LVC Limon Verde, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AKTO Aktyubinsk, BVAO Borovoye Array, BRVK Borovoye, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KHL Karahalli, KARA Karaisali, KRTA Karaisali, etc.

ISC 12 18:24:52.0, 3.35, 83N: 70.35E, h94km, 29km, mb3.4/8, mb1 3.5/14, mb1mx3.3/7, mbtmp3.8/14, Error ellipse: s-maj=24.5km s-min=15.7km az=168.0

ISC 12 18:24:53.0, 5.36, 02N: 04.70E, h110km, mb3.4/7, Error ellipse: s-maj=6.1km s-min=4.7km az=140.4

NNC 12 18:24:59.8, 1.7, 36.40N: 70.18E, h138km, 13km, mb3.5, mpv4.1, Error ellipse: s-maj=14.9km s-min=8.2km az=174.0

ISC 12 18:24:54.0, 0.7, 36.03N: 0.06E, h110km, n41, s191/53, mb3.4/7, 12C-6D, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DZET Dzerfino, SFK Sufi-Kurgan, DLH Dalhousie, etc.

DDA 12 18:25:14.6, 39.56N: 32.77E, h5km, MD3.5 ISK 12 18:25:14.4, 39.59N: 32.83E, h5km, ML3.6 CSEM 12 18:25:15.9, 0.1, 93.57W: 32.81E, h2km, ML3.6, Error ellipse: s-maj=2.7km s-min=2.4km az=28.0

ISC 12 18:25:15.9, 0.9, 39.57N: 0.02E, 32.79E: 0.01, h8km, gkm, n108, s191/1045, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AFSR Af-ar-Bala (A), AFSR Af-ar-Bala (A), BBAL Bala, etc.

JMA 12 18:25:39.8, 0.3, 31.80N: 142.82E, h21km, M3.6, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BSO1 Boso 1, JHO Hitachi, JAG Ashikaga, etc.

GUC 12 18:27:36.5, 0.7, 34.67S: 71.96W, h45km, 2km, ML3.8, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like U65B Hualae0, U73B San Pedro, U75B Rinconada Maipo, etc.

MEX 12 18:30:44.7, 0.4, 16.69N: 99.68W, h11km, 2km, MD3.6, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ACX Acapulco, ACY Acapulco, AC2P Acapulco, etc.

MAN 12 18:42:15, 18.84N: 121.23E, h1km, mb4.6, ML3.4, MS3.3, IC Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PIP Pasuquin, APYP Conner, SGCP Mt. Cagua, etc.

JMA 12 19:13:41.9, 0.2, 24.72N: 121.83E, h80km, 3km, M2.1 ISC 12 19:13:42.9, 0.5, 24.79N: 121.90E, h75km, 4km, Error ellipse: s-maj=5.6km s-min=2.7km az=158.5

TAP 12 19:13:42.9, 24.79N: 121.86E, h76km, ML3.3, 3 ISC 12 19:13:43.3, 1.4, 24.76N: 121.89E: 0.03, h74km, 7km, n52, s191/91, 2C-1D, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like EGS baz=48, TWC Suao, TWC baz=180, TWE Neicheng, etc.

12d 19h

Table with columns: TWT, Station Name, Az, El, Pn, Sn, Time, Res. Includes stations like Tachien, Hsinchu, Hehuan Shan, etc.

ISCJB 12 19:16:21.9-0.5, 33.90S; 0.03:71.52W; 0.07, h11km, 4km, mb4.4/13, MS3.5/7, Error ellipse: s-maj=10.2km s-min=4.2km az=25.1

Table with columns: Code, Station Name, Az, El, Pn, Sn, Time, Res. Includes stations like San Pedro, Rinconada Maip, etc.

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Main table with columns: ARCO, Station Name, Az, El, Pn, Sn, Time, Res. Includes stations like AUSA, Salpallata, Leonato, etc.

Table with columns: Code, Station Name, Az, El, Pn, Sn, Time, Res. Includes stations like IPOC Station P, Minimi, etc.

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Table with columns: LPAZ, Station Name, Az, El, Pn, Sn, Time, Res. Includes stations like La Paz, Brasilia, etc.

Table with columns: SKHL, Station Name, Az, El, Pn, Sn, Time, Res. Includes stations like Kuril Islands, Kuril'sk, etc.

Table with columns: JMA, Station Name, Az, El, Pn, Sn, Time, Res. Includes stations like Shosan, Yagishiri, etc.

NIED 12 19:30:54.9-0.1, 44:16N; 141:83E, h15km, 2km, M2.2, best double couple. Ms5.69000x1014 NP1.9x11.00000; s42.00000; lambda100.00000. NP2.9x178.00000; s48.00000; lambda1.000000.

Table with columns: Code, Station Name, Az, El, Pn, Sn, Time, Res. Includes stations like Shosan, Yagishiri, Hokuryu, etc.

ISCJB 12 19:31:53.2-0.4, 44:16N; 141:76E, 0.06, h29km, 3km, mb3.7/7, MS2.8/1, Error ellipse: s-maj=7.0km s-min=5.7km az=169.4

Table with columns: Code, Station Name, Az, El, Pn, Sn, Time, Res. Includes stations like Shosan, Yagishiri, Hokuryu, etc.

Table with columns: Code, Station Name, Az, El, Pn, Sn, Time, Res. Includes stations like Port Moresby, Warramunga Arr, etc.

MM 5. NEIC 12.21:05:40.4, 43°54'S:172°22'E, h10km, ML4.2(WEL), After WEL.

NEIC Felt in Canterbury. ISC 12.21:05:39.7, 43°54'S:0°03:172°22'E:0°03:h16km,n93, 0.82/98,5D, South Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like Oxford, Canterbury Las, McQueen's Vall, Lake Taylor, Rata Peaks, Waitaha Valley, Kahutara, Lake Benmore, Denniston Nort, Topohouse, Fox Glacier, Otahua Downs, Blackbirch Sta, Tuamarina, Nelson, Jackson Bay, Highcliff Hill, Wanaka, Earnsclough, Quartz Range, Tuapeka, Baring Head, Cannon Point, Kapiti Island, Mavora Lakes, Wether Hill, Tintock.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like Deep Cove, Palmer Road, The Paps, Vera Road, Wanganui, Palmer Road, The Paps, Vera Road, Wanganui, Palmer Road, The Paps, Vera Road, Wanganui, Palmer Road, The Paps, Vera Road, Wanganui.

ISC 12.21:08:39.2, 0.5, 29°51'S:71°72'W, h0km, mb5.0/8, mb1.4/8.11, mb1mx4.6/21, mbmp4.7/11, ML4.1/2, MS4.4/18, Ms1.4/4.18, ms1mx4.3/23, Error ellipse: s-maj=20.0km s-min=14.9km az=100.0

ISC/GUC 12.21:08:42.0, 2.9, 29°41'S:71°87'W, h47km, 2km, MW5.2/55, Moment Tensor Solution: s30, c34, s55, c66; Duration: 1.0

NEIC 12.21:08:42.0, 29°43'S:71°80'W, h60km, 6km, ML4.9, BUJ 12.21:08:46.0, 29°60'S:71°50'W, h35km, mB4.8/6, Ms5.1/7, Ms7.4/8.7

ISC 12.21:08:42.7, 1.0, 29°42'S:71°96'W, h0.06, h25km, 6km, n158, c153/162, mb4.9/24, MS4.5/19, 1C-1D, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like La Serena, Las Campanas, Las Campanas, Vallenar, Copiapo, Caldera, Cerro Villucun, Uspallata, San Juan, Cerro Valdivia, Peldehue, Coronel Fontan, Leoncito, Vinchina, Cerro Calan, Cerro Arco, Cerro La Cruz, Agrelo, Punta de Los Andes, Chantaya, Hualaé, Santa Martin, Cayatay, Horco Molle, Tanti, Limon Verde, Limon Verde, San Lorenzo, Cana Cavihue, Hualaé, Santa Barbara, Toruquiste, La Plata, Villa Florida, Villa Florida.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like Villa Florida, La Paz, La Paz, La Paz, SAML, ATAH, USHA, BDFB, BDFB, PTGA, PMSA, PMSA, PMSA, SNA, RKT, RKT, TXAR, TXAR, TB, VND, SYO, TIAR, PPT, PPT, LIC, TIC, KIC, DBIC, DBIC, PV01, KNB, O20A, O20A, P18A, MAW, MAW, K22A, R11A, BW06, NV01, NVAR, RLMT, ULM, BOSA, BOSA, BOSA, HLID, TOAO, TOAO, TOR, TOR, MCMT, SCHG, CASY, TAM, FRB, ESDC, ESDC, KHC, PRU, GOPC, TREC, UPC, KOLS, AKAS, AKAB, BR10, AS01, AS12, ASAR, ASAR, WRA, WRA, KBZ, SEY, ARU, GEYT, ABKAR, ABKAR, BRVK, YAK, LWL, LBUL, KKAR, EK2, EK2, AM, AM, USP, AAK, AAK.

1DC 12 22:01:17.4.3.3,5.96S,150.87E,h0km,mb3.7/2,
mb1 4.1/2,mb1mx3.4/31,mbtmp3.8/2, Error ellipse:
s-maj=127.4km s-min=44.6km az=119.0, New Britain
region

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC

WRA Warramunga Arr 21.24 228 P Op ISC 22 06 05.5 +0.1
3.1nm, 1.0s, baz=53, slow=11, SNR=21

ASAR Alice Springs 24.01 221 P P 22 06 33.9 -0.3
1.7nm, 0.6s, baz=58, slow=9.0, SNR=27

TORD Torodi Ar, Bea 148.79 286 PKPbc PKPbc 22 21 07.7 -0.4
0.3nm, 0.6s, baz=66, slow=3, SNR=7.8

YARS 12 22:54.3.0.2, 64.81N, 0.01:144.43E, 0.01, h10km,
MSV2.7

NERS 12 22:54.6, 64.79N, 144.42E, h8km

ISC 12 22:52.7.0.9, 64.75N, 0.05:144.34E, 0.05, h10km, n10,
α126/17, Eastern Siberia

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC

MOMR Moma 1.79 345 eS Op ISC 22 13 25.6 +0.1

MOMR comp=Z, 10.0nm, 0.2s eS Sm Sb 22 13 25.6

MOMR comp=E, 349nm, 0.3s eS Sm Sb 22 13 48.9 +1.0

SUUS Susuman 2.61 138 eP Op Pp 22 13 38.4 -1.1

SUUS comp=E, 70nm, 0.3s eP Pp Pp 22 13 42.6 0.0

SUUS comp=E, 40nm, 0.2s eS Sgmax 22 14 11.3

SUUS comp=E, 80nm, 0.2s eS Sgmax 22 14 20.2

OCHR Omchak 3.48 151 eP Op Pn 22 13 49.8 +2.9

OCHR comp=E, 30nm, 0.3s eP Pp Pp 22 13 59.0 -0.4

OCHR comp=E, 100nm, 0.4s eS Sgmax 22 14 46.8

OCHR comp=E, 50nm, 0.2s eS Sgmax 22 14 46.8

SEY Seymchan 4.00 113 eP Op Pp 22 14 07.6 -1.6

SEY comp=E, 30nm, 0.6s eS Sgmax 22 15 09.3 -0.7

SEY comp=E, 20nm, 0.2s eS Sgmax 22 15 09.4

BTGS Batagay 4.89 311 eP Op Pn 22 14 24.6 -1.6

BTGS comp=Z, 1.0nm, 0.1s eS Sm Sg 22 15 28.9 -0.6

TLAR Talaya 5.17 131 eP Op Pp 22 15 42.6

MGD Magadan 1 5.58 145 eP Op Pp 22 14 37.1 -1.6

MGD comp=E, 20nm, 0.4s eS Sgmax 22 15 56.8

USMR Ust'-Maya 6.27 231 eS Op Sg 22 16 13.6 -0.1

USMR comp=N, 22nm, 0.9s eS Sm Sg 22 16 13.6

NBS Nizhny Bestya 7.09 253 eS Op Sg 22 16 39.8 -0.1

YAK Yakutsk 7.12 254 eS Op Sg 22 16 39.9 -1.1

YAK comp=N, 11nm, 0.5s eS Sm Sg 22 16 39.9

KRSC 12 22:19:33.5.1, 3.5036N, 159.43E, h100km, 29km, ML3.7,
East of Kuril Islands

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC

PAU Pauzhetka 1.99 305 eS Op Sg 22 20 30.9 +0.3

RUS Russkaya 2.15 345 eS Op Sg 22 20 09.3 +1.4

RUS comp=Z, 1.0nm, 0.1s eS Sm Sg 22 20 35.6 +1.3

MTRV Mutnovka 2.26 340 eP Op Pn 22 20 11.4 +1.8

MTRV comp=Z, 1.0nm, 0.1s eS Sm Sg 22 20 39.3 +2.1

SPN Nys Shipunski 2.76 7 eP Op Sg 22 20 18.2 +2.2

SPN comp=Z, 1.0nm, 0.1s eS Sm Sg 22 20 51.6 +2.9

NLY Nalychchevo 2.81 359 eS Op Sg 22 20 18.2 +2.9

AVH Avachina 2.94 352 eP Op Pn 22 20 21.2 +2.8

SDLR Sedlovinka 2.94 354 eP Op Pn 22 20 20.8 +2.3

KRER Koryakskiy 2.98 352 eP Op Sg 22 20 20.9 +1.8

KRER comp=Z, 1.0nm, 0.1s eS Sm Sg 22 20 56.3 +2.1

ARIK Arik 3.04 351 eP Op Sg 22 20 27.9 +2.4

GNL Ganaly 4.46 345 eP Op Pn 22 20 40.1 +1.8

MKZ Mys Kozlova 3.43 18 eP Op Sg 22 21 29.9 +1.2

MKZ comp=N, 11nm, 0.5s eS Sm Sg 22 21 29.9 +1.2

BUI 12 22:20:27.6, 43.10N, 110.80W, h7km, mb4.4/1, mb4.7/1,
Ms4.3/1, Ms7.4/1/1

ISCJB 12 22:20:29.6, 0.4, 43.10N, 0.01:110.67W, 0.02, h2km, 3km,
mb4.2/4, Error ellipse: s-maj=2.6km s-min=1.7km az=11.2

1DC 12 22:20:29.5, 0.8, 43.05N, 110.55W, h0km, mb4.0/3,
mb1 4.1/3, mb1mx3.8/39, mbtmp3.9/9, ML3.6, MS2.7/2,
Ms1 2.7/2, ms1mx2.4/1.1, Error ellipse: s-maj=14.3km
s-min=11.3km az=131.0

NEIC 12 22:20:31.1, 0.2, 43.10N, 110.65W, h5km, mb4.3/3, ML3.4, 1,
MW3.9, Error ellipse: s-maj=4.2km s-min=2.5km az=89.0,
Moment Tensor Solution, s20 Moment tensor: Scale
1014Nm; M1=5.39; M2=0.10; M3=5.49; M4=0.78; M5=1.7;
M6=5.36; Best double couple: M7=80000, 1014 Np1;
e25.00000°, δ25.00000°, λ=65.00000°, NP2=178.00000°,
δ67.00000°, λ=101.00000°. Principal axes: S
Plg22.0000°, Azm276.0000°; N 0.0000, Plg10.0000°;
Azm182.0000°; P -7.7700, Plg66.0000°; Azm68.0000°;

NEIC Felt [ll] at Bedford and [ll] at Etna, Jackson, Thayne and
Wilson. Also felt at Freedom and Smoot. Felt at Victor,
Idaho.

ISC 12 22:20:29.9, 0.4, 43.12N, 0.01:110.71W, 0.02, h6km, 3km,
n169, α121/174, mb4.2/4, Wyoming

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC

REDW Red Top Meadow 0.27 337 eP Op ISC 22 20 35.1 +0.2

REDW comp=Z, 1.0nm, 0.1s eS Sm Sg 22 20 39.1 +0.3

SNOW Snow King Moun 0.35 354 eP Op Pp 22 20 36.9 +0.1

SNOW comp=Z, 1.0nm, 0.1s eS Sm Sg 22 20 42.1 +0.6

TPAW Teton Pass 0.41 334 eP Op Pp 22 20 37.8 -0.2

TPAW comp=Z, 1.0nm, 0.1s eS Sm Sg 22 20 44.0 +0.4

AHID Auburn Hatcher 0.46 220 eP Op Pp 22 20 39.7 +0.7

LOHW Long Hollow 0.50 8 eP Op Pp 22 20 45.4 +0.7

LOHW comp=Z, 1.0nm, 0.1s eS Sm Sg 22 20 46.8 +0.6

FXWY Fox Creek 0.57 336 eP Op Sg 22 20 40.9 -0.1

MOOW Moose Ponds 0.63 357 eP Op Sg 22 20 42.0 -0.2

MOOW comp=Z, 1.0nm, 0.1s eS Sm Sg 22 20 49.2 -1.2

IMW Indian Meadow 0.80 348 eP Op Pp 22 20 44.8 -0.5

BW06 Boulder Array 0.91 112 eP Op Pp 22 20 47.4 -0.1

EW05 Flag Range 0.97 0 eP Op Sg 22 20 59.3 0.0

FLWY Flagg Moose Creek 1.13 342 eP Op Pp 22 20 52.0 +0.4

YMS Mount Sheridan 1.16 6 eP Op Pp 22 20 52.7 +0.6

BMUT Black Mountain 1.22 199 eP Op Pp 22 20 53.1 -0.2

BEI Bear River Ran 1.28 219 eP Op Pp 22 20 53.8 -0.6

H17A Grant Village 1.28 4 P Pp 22 20 54.0 -0.5

H17A comp=Z, 1.0nm, 0.1s eS Sm Sg 22 21 10.5 -0.6

YTPA The Promontory 1.31 13 eP Op Pp 22 20 54.0 -0.5

YLT Little Thumb C 1.32 4 eP Op Pp 22 20 55.2 -0.1

LKWY Lake 1.47 9 eP Op Pp 22 20 57.5 +0.3

LKWY comp=Z, 1.0nm, 0.1s eS Sm Sg 22 21 15.3 -1.8

YML Mary Lake 1.49 2 eP Op Pp 22 20 57.6 -0.5

MLD Malad Range 1.51 224 eP Op Pp 22 20 57.7 -0.5

HU Hyde Park 1.53 211 eP Op Pp 22 20 57.6 -0.4

YPM Purple Mountain 1.54 356 eP Op Pp 22 20 58.4 +0.1

H19A Meeteetse 1.55 53 P Pp 22 20 58.3 0.0

H19A comp=Z, 1.0nm, 0.1s eS Sm Sg 22 21 18.3 -0.5

baz=1.5
RSUT Red Spur Mount 1.57 200 eP Op Pn 22 20 58.3 -0.3

HWUT Hardware Ranch 1.64 203 eP Op Pn 22 20 59.6 +0.1

NP North Pocatell 1.65 235 eS Op Sg 22 21 19.3 -1.7

YMC Maple Creek 1.66 353 eP Op Pn 22 20 59.3 +0.3

YJC Joseph's Coat 1.66 9 eP Op Pn 22 21 00.2 +0.3

YMP Mirror Lake Pl 1.67 14 eP Op Pn 22 21 00.4 +0.3

YHB Horse Butte 1.67 348 eP Op Pn 22 21 00.2 +0.2

YHH Holes Hill 1.68 356 eP Op Pn 22 21 00.3 +0.2

PTU Portage 1.69 226 eP Op Pn 22 20 59.9 -0.3

HONU Honeyville 1.75 211 eP Op Pn 22 21 01.6 +0.6

TPMT Tepee Creek 1.76 337 eP Op Pn 22 21 01.3 +0.1

MCU Monte Cristo P 1.76 200 eP Op Pn 22 21 01.1 -0.2

WVUT Wellsville 1.77 212 eP Op Pn 22 21 01.2 -0.1

QLMT Earthquake Lak 1.79 343 eP Op Sg 22 21 02.0 +0.3

LTU Little Mountai 1.90 217 eP Op Pn 22 21 03.1 0.0

MTU Morton Thiokol 1.91 223 eP Op Pn 22 21 03.2 0.0

MOMT Monida 1.92 231 eP Op Pn 22 21 03.6 +0.2

GSU Grizzly Peak 1.93 210 eP Op Pn 22 21 03.6 0.0

H19A Powell 1.99 38 P Pn 22 21 04.7 +0.4

H19A comp=Z, 1.0nm, 0.1s eS Sm Sg 22 21 32.4 +0.7

HVU Hansel Valley 2.03 230 eP Op Pn 22 21 04.5 -0.4

HVU comp=Z, 1.0nm, 0.1s eS Sm Sg 22 21 32.9 +2.3

I20A Worland 2.05 65 P Pn 22 21 07.3 -0.4

I20A comp=Z, 1.0nm, 0.1s eS Sm Sg 22 21 33.7 +0.2

TCUT Toone Canyon 2.06 195 eP Op Sg 22 21 06.7 +1.3

TCUT comp=Z, 1.0nm, 0.1s eS Sm Sg 22 21 33.5 -0.5

EPU East Promontor 2.14 217 eP Op Pn 22 21 06.6 +0.3

SPUT South Promont 2.22 216 eP Op Pn 22 21 08.0 +0.3

SPUT comp=Z, 1.0nm, 0.1s eS Sm Sg 22 21 34.0 -1.4

RFU Francis Peak 2.25 202 eP Op Pn 22 21 08.4 +0.3

RLMT Red Lodge 2.26 27 P Pn 22 21 08.6 +0.5

RLMT comp=Z, 1.0nm, 0.1s eS Sm Sg 22 21 39.9 +0.4

RLMT Red Lodge 2.26 27 eP Op Pn 22 21 08.6 +0.5

RLMT comp=Z, 1.0nm, 0.1s eS Sm Sg 22 21 35.9 -0.5

MCMT McKenzie Canyo 2.31 319 eP Op Pn 22 21 09.8 +1.0

MCMT comp=Z, 1.0nm, 0.1s eS Sm Sg 22 21 36.0 -1.6

BGMT Barton Gulch 2.32 336 eP Op Pn 22 21 09.8 +0.8

CRMT Chrome Mountai 2.37 207 eP Op Pn 22 21 10.8 +1.0

HAIU Northern Antel 2.38 209 eP Op Pn 22 21 10.6 +0.6

H20A Greybulb 2.39 54 P Pn 22 21 13.1 -0.4

H20A comp=Z, 1.0nm, 0.1s eS Sm Sg 22 21 43.3 0.0

RBU Red Butte Cany 2.47 200 eP Op Pn 22 21 11.7 +0.7

SAIU Southern Antel 2.51 206 eP Op Pn 22 21 12.2 +0.7

BZMT Bozeman Pass 2.53 359 eP Op Pn 22 21 12.9 +1.1

KLJ Keely 2.54 192 eP Op Pn 22 21 12.6 +0.7

CTU Camp Tracy 2.54 198 eP Op Pn 22 21 12.8 +0.8

HLJ Hailstone 2.56 192 eP Op Pn 22 21 12.9 +0.8

I21A Big Trails, Te 2.58 73 P Pn 22 21 16.0 -0.7

I21A comp=Z, 1.0nm, 0.1s eS Sm Sg 22 21 48.4 -0.4

LDJ Lady 2.59 192 eP Op Pn 22 21 13.3 +0.7

SNUT Stansbury Nort 2.60 212 eP Op Pn 22 21 13.4 +0.7

DLMT Dillon 2.62 329 eP Op Pn 22 21 16.2 +3.2

DLMT Granite Mountai 2.66 198 eP Op Sg 22 21 17.9 +2.6

GMU Granite Mountai 2.73 189 eP Op Pn 22 21 15.4 +0.7

HAIU Hailey 2.74 281 P Pn 22 21 15.0 +0.4

HLID Hailey 2.74 281 eP Op Pn 22 21 15.2 +0.5

HLID comp=Z, 1.0nm, 0.1s eS Sm Sg 22 21 52.1 +2.1

GCMT Greycliff 2.78 15 eP Op Sg 22 21 47.8 -1.3

GCMT comp=Z, 1.0nm, 0.1s eS Sm Sg 22 21 15.4 +0.1

BGU Big Grassy Mou 2.79 219 eP Op Pn 22 21 47.9 -1.5

CRW Camp Williams 2.87 202 eP Op Pn 22 21 17.2 +0.8

LRM Limekiln Ridge 2.92 192 eP Op Pn 22 21 20.9 +2.9

K22A Casper 3.11 97 eP Op Pn 22 21 21.6 +1.9

WMUT West Mountain 3.15 196 eP Op Pn 22 21 21.3 +0.9

ARGU Argyle Ridge 3.29 178 eP Op Pn 22 21 23.4 +1.0

DUG Dugway 3.32 209 eP Op Sg 22 21 23.5 +0.9

NLU North Lily Min 3.32 198 eP Op Sg 22 21 23.3 +0.6

NLU comp=Z, 1.0nm, 0.1s eS Sm Sg 22 22 00.5 -2.1

ROA Roan Cliffs 3.46 176 eP Op Pn 22 21 25.8 +1.1

P18A Preston Nutter 3.50 174 eP Op Pn 22 21 26.5 +1.3

COA Cowley 3.52 147 eP Op Pn 22 21 28.0 +1.0

P17A Butcher Ranch, 3.64 180 eP Op Pn 22 21 28.0 +1.0

HRY Holter Researc 3.68 348 eP Op Pn 22 21 29.7 +2.2

LEUV Levan 3.70 193 eP Op Pn 22 21 29.0 +1.1

FMFD Camas Ranch 3.75 2

Table with columns: Station Name, Time, Res, and various codes. Includes stations like Muntele Rosu, Plostinia, Lotru, Bucovina Array, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like Pruhonice, Prague, Damuels, Bergliesshubel, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like Nanjing, Yakutsk, Korea Array, etc.

MEX 13 01:37:58.0±0.5, 15°31'N-93°56'W, h93km, 5km, MD3.7, Near coast of Chiapas

IDC 13 01:42:57.5±0.8, 5°46'N-124°49'E, h0km, mb4.1/9, Mb1.4/10, mb1mx3.9/41, mbmtpp4.2/10, ML4.6/1, MS3.5/6, Ms1.3/5.6, ms1mx3.2/33, Error ellipse: s-maj=24.5km s-min=14.5km az=71.0

MAN 13 01:42:58.5±64N:124°51'E, h1km, mb4.9, ML3.9, MS4.0, ISCJB 13 01:43:01.5±0.6, 5°48'N-124°47'E, 0.05, h40km, 8km, mb4.0/11, MS3.5/5, Error ellipse: s-maj=8.6km s-min=4.4km az=178.9

DJA 13 01:43:01.0±0.5, 6°N-5°12'E, h10km, M4.9/7, mb5.1/6, mb5.2/6, MLV5.0/7, Mw(m)B4.6/6

NEIC 13 01:43:04.9±1.1, 5°54'N-124°38'E, h57km, 11km, mb4.3/3, Error ellipse: s-maj=17.0km s-min=9.0km az=82.0

ISC 13 01:43:01.8±1.5, 5°53'N-103°124.43E-0.05, h29km, 11km, n38, ±158/42, mb4.0/11, MS3.4/5, 2C-2D, Mindanao

Table with columns: Station Name, Time, Res, and various codes. Includes stations like Cotabato-PC H, Davao City-Mi, Davao City (W), Sangihe, etc.

ISCJB 13 01:54:15.4±0.3, 17°86'S-170°49'W, h57km, mb4.3/80, Error ellipse: s-maj=14.5km s-min=4.6km az=149.2

BJI 13 01:54:16.5, 17°90'S-178°50'W, h595km, mb4.7/4, mb4.8/3, NEIC 13 01:54:17.6±0.7, 17°88'S-178°47'W, h595km, 8km, mb4.3/69, Error ellipse: s-maj=12.7km s-min=5.2km az=152.0

IDC 13 01:54:17.3±1.5, 17°89'S-178°47'W, h594km, 17km, mb3.7/10, mb1.4/0.12, mb1mx3.7/27, mbmtpp4.7/12, Error ellipse: s-maj=26.0km s-min=13.2km az=144.0

AUS 13 01:54:18.7, 17°55'S-178°50'W, h60km, ISC 13 01:54:16.2±0.5, 18°05'N-178°50'W, 0.07, h579km, n133, ±112/149, mb4.3/81, 1C, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, SRU, San Rafael, Newport, HDA, DOT, CCB, PV10, COLA, PV04, ILAR, PV01, TXAR, ANMO, MCMT, BSMT, DLMT, MOOW, O20A, QLMT, EGAK, BW06, COLD, H17A, WALA, KMI, KMI, SDXO, WSTX, RLMT, CMAR, CD2, CD2, CD2, CD2, CD2, CD2, ABTX, LZH, LZH, LZH, LAO, RSSD, YKA, MKAR, FINES, BRTR, CLL, CLL, UPC, UPC, UPC, DPC, KRLC, BRG, BRG, PVCC, PRU, GOPC, GOPC, TREC, KHC, KHC, KHC, KHC, BCLA, GEC2, GEC2, GEC2, DOU, WLF, FUORN, ESDC, WVOR, I07A, J08A, J08A, CCUT, PMR, ELK, WUAZ, G08A, DIV, HAWA, MSU, CAST, MFID, MAW, D08A, TRF, 121A, HARP, DHY, MCK, HLD, O16A

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, SRU, San Rafael, Newport, HDA, DOT, CCB, PV10, COLA, PV04, ILAR, PV01, TXAR, ANMO, MCMT, BSMT, DLMT, MOOW, O20A, QLMT, EGAK, BW06, COLD, H17A, WALA, KMI, KMI, SDXO, WSTX, RLMT, CMAR, CD2, CD2, CD2, CD2, CD2, CD2, ABTX, LZH, LZH, LZH, LAO, RSSD, YKA, MKAR, FINES, BRTR, CLL, CLL, UPC, UPC, UPC, DPC, KRLC, BRG, BRG, PVCC, PRU, GOPC, GOPC, TREC, KHC, KHC, KHC, KHC, BCLA, GEC2, GEC2, GEC2, DOU, WLF, FUORN, ESDC, WVOR, I07A, J08A, J08A, CCUT, PMR, ELK, WUAZ, G08A, DIV, HAWA, MSU, CAST, MFID, MAW, D08A, TRF, 121A, HARP, DHY, MCK, HLD, O16A

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, SRU, San Rafael, Newport, HDA, DOT, CCB, PV10, COLA, PV04, ILAR, PV01, TXAR, ANMO, MCMT, BSMT, DLMT, MOOW, O20A, QLMT, EGAK, BW06, COLD, H17A, WALA, KMI, KMI, SDXO, WSTX, RLMT, CMAR, CD2, CD2, CD2, CD2, CD2, CD2, ABTX, LZH, LZH, LZH, LAO, RSSD, YKA, MKAR, FINES, BRTR, CLL, CLL, UPC, UPC, UPC, DPC, KRLC, BRG, BRG, PVCC, PRU, GOPC, GOPC, TREC, KHC, KHC, KHC, KHC, BCLA, GEC2, GEC2, GEC2, DOU, WLF, FUORN, ESDC, WVOR, I07A, J08A, J08A, CCUT, PMR, ELK, WUAZ, G08A, DIV, HAWA, MSU, CAST, MFID, MAW, D08A, TRF, 121A, HARP, DHY, MCK, HLD, O16A

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like JHU, JHJ2, CBIJ, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like λ-60.00000, Principal axes, etc.

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

FUNJV 13 02:47:03.9, 6.69N; 73:26W, h177km, MW3.6
ISCJB 13 02:47:04.7, 7.0, 6.86N; 0.06:73:09W; 0.06, h161km, mb3.8/4, Error ellipse: s-maj=11.1km s-min=5.5km

IDC 13 02:47:06.5, 1.6, 6.69N; 72:90W, h173km, mb3.5/4, mb1.3/6.6, mb1mx3.2/0.4, mbtmp4.0/6, Error ellipse: s-maj=30.3km s-min=20.7km az=130.0

ISC 13 02:47:05.3, 0.8, 6.83N; 0.07:73:07W; 0.08, h161km, n24, s1504/33, mb3.8/4, 1C-9D, Northern Colombia

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

CSEM 13 02:42:30.7, 0.4, 49.99N; 22:13E, h2km, ML1.5, Error ellipse: s-maj=3.6km s-min=2.3km az=122.0

BUC 13 02:42:30.5, 1.0, 45.02N; 22:15E, h7km, ML2.7/3, Error ellipse: s-maj=2.9km s-min=2.9km az=144.0

BE0 13 02:42:31.5, 0.5, 44.96N; 22:11E, h0km, ML5.7, ISC 13 02:42:30.2, 1.1, 45.02N; 0.03:22:11E; 0.03, h5km, 10km, n31, s0.073/52, 12C-6D, Romania

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

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

IDC 13 02:48:05.0, 0.5, 0.81N; 29:07W, h0km, mb4.4/24, mb1.4/25, mb1mx3.1/3.5, mbtmp4.2/5, ML4.3/1, MS4/2/1, MS1.4/2/1, ms1mx1.1/2.5, Error ellipse: s-maj=18.1km, s-min=10.4km az=142.0

BUI 13 02:48:05.0, 0.97N; 29:51W, h15km, mb5.4/8, Ms5.4/12, Ms7.5/12

ISCJB 13 02:48:06.0, 0.2, 0.81N; 0.05:29:08W; 0.05, h16km, mb4.7/51, MS4.2/27, Error ellipse: s-maj=8.2km s-min=4.8km az=136.4

NEIC 13 02:48:07.2, 0.2, 0.74N; 29:04W, h10km, mb5.0/13, Error ellipse: s-maj=9.4km s-min=4.2km az=144.0

GCMT 13 02:48:07.2, 0.2, 0.95N; 29:02W, h17km, MW5.1/99, Moment Tensor Solution: s=0.78, s99.c161, Duration: 0. Moment tensor: Scale 10^19Nm; M=0.23; 11; Mw0.57; 10; Mw-0.34; 11; Mw-1.54; 27; Mw-4.72; 10; Mw0.98; 29. Best double couple: Ms5.0100; 106; NP1: s266.00000; s81.00000; s164.00000; NP2: s359.00000; s74.00000; s10.00000. Principal axes: T 5.4310, Plg18.0000, Azm222.0000; N -0.7810, Plg72.0000; Azm56.0000; P -4.6510, Plg4.0000; Azm313.0000; nsta1 refers to surface waves, cutoff=40s. nsta2 refers to surface waves, body=50s.

ISC 13 02:48:08.1, 0.4, 0.78N; 0.08:29:09W; 0.08, h16km, n133, s150/130, mb4.7/51, MS4.2/27, 14C-5D, Central Mid-Atlantic Ridge

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

IDC 13 02:43:52.7, 0.7, 43.12N; 110:53W, h0km, mb3.9/6, mb1.3/9.12, mb1mx3.7/5.7, mbtmp3.8/12, ML3.1/6, Error ellipse: s-maj=13.3km s-min=13.0km az=92.0

NEIC 13 02:43:53.9, 0.2, 43.12N; 110:68W, h5km, ML3.7, MW3.8, Error ellipse: s-maj=4.6km s-min=3.1km az=84.0, Moment Tensor Solution. s82 Moment tensor: Scale 10^14Nm; M=-4.60; Mw-1.41; Mw0.60; Mw-1.54; Mw-0.08; Mw0.25; Best double couple: Ms5.70000; 1014 NP1: s95.00000; s50.00000; s-119.00000; NP2: s20.00000; s48.00000;

NEW 0.7mp, 0.3s, baz=142, slow=14, SNR=22

NEW 1.2m, 0.3s, baz=223, slow=18, SNR=7.4

DBIC 1.5m, 0.3s, baz=244, slow=10, SNR=14

DBIC comp=Z, 406nm, 19.1s, baz=234, slow=32

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TOBS, TOC4, TOA3, TOAO, TORO, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TRPA, VOIR, KOLS, DOPCA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KKK31, IDC 13 03:01:50.0, etc.

Table with columns: FITZ, comp-Z, 2.0m, 19.3s, baz=40, slow=37, LR, LR, 03 43 11.3, etc.

NEIC 13 03:27:39.5, 32°24'N, 115°32'W, h8km, ML2.7(PAS), ML2.0(IECX), After ECX

ECX 13 03:27:39.3, 0.4, 32°23'N, 115°30'W, h8km, MD2.5, ML2.7, 1C-30, California-Baja California border region

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

IDC 13 03:35:44.8, 1.9, 3°58'S, 149°09'E, h0km, mb3.7/5, mb1 4.0/5, mb1mx3.7/35, mbtmp3.7/5, Error ellipse: s-maj=72.8km s-min=24.5km az=117.0, Bismarck Sea

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

IDC 13 03:43:50.8, 0.8, 3°56'S, 149°54'E, h0km, mb4.4/1, mb1 4.5/12, mb1mx4.2/35, mbtmp4.4/12, ML1.2/1, MS1.4/24, Ms1 4.4/24, ms1mx4.4/26, Error ellipse: s-maj=26.3km s-min=17.8km az=98.0

ISCJB 13 03:43:52.7, 0.6, 3°52'S, 0°06', 149°4E, 0.1, h20km, mb4.3/14, MS4.3/20, Error ellipse: s-maj=1.4, s-min=8.6km az=7.4

NEIC 13 03:43:56.4, 0.5, 3°50'S, 149°47'E, h35km, mb4.5/4, Error ellipse: s-maj=15.4km s-min=9.4km az=85.0

GCMT 13 03:43:56.3, 0.1, 3°45'S, 149°39'E, h15km, km, MW5.2/110, Moment Tensor Solution. s50, c71; s110, c190; Duration: 1s0 Moment tensor: Scale 10^19Nm; Mn=0.24±.15; Mw=2.75±.13; Mw-2.99±.14; Mn-0.60±.28; Mw-6.91±.14; Mn-0.83±.27; Best double couple; Mo=7.55400x10^16 Np1.79, 191.00000°, 886.00000°, 1.173.00000°. NP2=281.00000°, 883.00000°, 146.00000°; Principal axes: T 7.4900, P1g8.0000°, Azm14.0000°; N 0.1330, P1g82.0000°, Azm345.0000°; P -7.6180, P1g3.0000°, Azm236.0000°; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s.

ISC 13 03:43:54.2, 0.8, 3°56'S, 0°08', 149°5E, 0.1, h20km, mb5.0, +138°/33, mb4.5/14, MS4.3/20, Bismarck Sea

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

Main table with columns: PMG, 0.3nm, 0.3s, baz=8.7, slow=13, SNR=1.7, Sn, Sn, 03 46 37.3 +0.5, etc.

IDC 13 03:48:23.9, 1.2, 53°73'N, 163°07'W, h0km, mb3.8/11, mb1 3.9/14, mb1mx3.7/49, mbtmp3.7/14, ML3.3/2, Error ellipse: s-maj=26.8km s-min=16.9km az=13.0

NEIC 13 03:48:27.3, 53°62'N, 162°81'W, h44km, ML3.4(AEIC), After AEIC

ISC 13 03:48:23.7, 2.0, 53°61'N, 162°07'W, h4km, h3km, 12km, n44, +121/46, mb3.8/10, South of Alaska

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

Table with columns: OHAK, Old Harbor, 6.53 52 ePn, Pn, 03 49 59.4 -3.2, etc.

IDC 13 03:43:35.0, 0.4, 1°39'S, 149°12'E, h0km, mb3.8/3, mb1 4.0/5, mb1mx3.5/28, mbtmp3.8/3, MS3.8/2, Ms1 3.8/2, s-maj=52.9km az=111.0, Bismarck Sea

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

ISCJB 13 03:59:53.0, 2.0, 6.32°24'N, 0°02', 115°25'W, 0.03, h15km, 4km, Error ellipse: s-maj=4.1km s-min=3.5km az=11.1

ECX 13 03:59:54.6, 0.4, 6.0, 32°22'N, 115°28'W, h6km, MD2.9, ML3.2, NEIC 13 03:59:54.7, 32°23'N, 115°29'W, h8km, ML2.9(PAS), ML3.1(IECX), After ECX

ISC 13 03:59:52.6, 1.0, 32°19'N, 0°02', 115°28'W, 0.02, h10km, 8km, n38, +191/57, 2C-7D, California-Baja California border region

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

MONP, Monment Peak, 1.19 306 P, P, 04 00 14.2 -1.2

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

GAZH	comp=Z,2um,6.2s	PMZ			
GAZH	comp=Z,7um,18.9s	LN			
GAZH	comp=Z,6um,18.7s	LE			
HKC	Hong Kong Obse	30.24 239	i/P		
H11N2	WAKE ISLAND Hy	30.26 128	T	P	05 53 55.0 +1.1
	baz=318,slow=75,SNR=310				06 25 14.4
H11N1	WAKE ISLAND Hy	30.27 128	T	T	06 25 10.9
	baz=318,slow=75,SNR=103				
H11N3	WAKE ISLAND Hy	30.28 128	T	T	06 25 12.7
	baz=318,slow=75,SNR=744				
H11S1	WAKE ISLAND Hy	31.10 130	T	T	06 26 38.7
	baz=324,slow=76,SNR=254				
H11S3	WAKE ISLAND Hy	31.11 130	T	T	06 26 33.0
	baz=324,slow=76,SNR=254				
H11S2	WAKE ISLAND Hy	31.12 130	T	T	06 26 40.0
	baz=324,slow=76,SNR=983				
GTA	Gaotai	31.99 280	i/P	P	05 54 09.3 0.0
GTA			pP	P	05 54 21.1 -3.2
GTA			sP	P	05 54 26.6 -4.9
GTA			PcP	P	05 56 59.3 +1.3
GTA			S	S	05 59 14.0 -1.8
GTA			ScP	P	06 00 36.5 +0.4
GTA			PcS	P	06 00 42.6 -0.2
GTA			ScS	S	06 04 34.0 -0.8
GTA			PMZ		
GTA	comp=Z,58nm,0.9s	PMZ			
GTA	comp=Z,760nm,5.9s	LN			
GTA	comp=Z,4um,18.5s	LE			
GTA	comp=Z,9um,19.0s	LZ			
GTA	comp=Z,11um,18.5s	PMZ			
CD2	Chengdu	32.43 263	P	P	05 54 14.3 -1.4
CD2			pP	P	05 54 26.6 -1.8
CD2			sP	P	05 54 33.6 -1.8
CD2			PP	P	05 55 25.6 -1.7
CD2			S	S	05 59 22.1 -1.4
CD2			SS	S	05 59 47.9 -1.2
CD2			PMZ		
CD2	comp=Z,160nm,0.7s	PMZ			
CD2	comp=Z,840nm,7.8s	LN			
CD2	comp=Z,3um,24.0s	LZ			
CD2	comp=Z,5um,31.2s	LZ			
GVA	Guiyang	32.71 254	i/P	P	05 54 14.3 -1.4
GVA			sP	P	05 54 31.8 +1.0
GVA			PP	P	05 55 26.3 +0.7
GVA			PcP	P	05 57 01.8 +1.7
GVA			sS	S	05 59 52.0 -1.6
GVA			ScP	P	06 00 37.4 -1.3
GVA			PcS	P	06 00 46.0 +0.4
GVA			SS	S	06 01 27.9 -0.5
GVA			ScS	S	06 04 37.8 -1.0
GVA			PMZ		
GVA	comp=Z,140nm,0.8s	PMZ			
GVA	comp=Z,670nm,6.2s	LN			
GVA	comp=Z,4um,16.8s	LE			
GVA	comp=Z,5um,18.0s	LZ			
HVS	Khovu-Aksy	34.20 303c	i/P	P	05 54 28.8 +0.4
HVS			pmax		
HVS			MLR	MLR	
HVS	comp=Z,11um,20.0s	MLR			
KRAR	Krasnoyarsk	34.73 312c	i/P	P	05 54 33.0 +0.2
KRAR			pmax		
KRAR			MLR	MLR	
KRAR	comp=Z,197nm,0.8s	MLR			
KRAR	comp=Z,5um,18.0s	MLR			
QIZ	Qiongzong	35.40 241	P	P	05 54 39.8 +0.9
QIZ			pP	P	05 54 52.0 +1.2
QIZ			sP	P	05 54 59.3 -1.9
QIZ			PP	P	05 56 01.9 +1.7
QIZ			S	S	06 00 12.3 +2.9
QIZ			SS	S	06 00 34.8 -0.3
QIZ			PMZ		
QIZ	comp=Z,55nm,1.6s	PMZ			
QIZ	comp=Z,830nm,5.7s	LN			
QIZ	comp=Z,3um,19.7s	LZ			
QIZ	comp=Z,4um,19.0s	LZ			
KMI	Kunming	36.35 256	P	P	05 54 46.8 -0.5
KMI			pP	P	05 55 03.5 +1.0
KMI			sP	P	05 55 10.1 +0.5
KMI			PP	P	05 56 12.1 +1.2
KMI			PcP	P	05 57 12.8 +2.0
KMI			S	S	06 00 19.4 -4.8
KMI			SS	S	06 00 50.4 +0.4
KMI			SSn	S	06 02 50.8 -5.8
KMI			PMZ		
KMI	comp=Z,150nm,1.4s	PMZ			
KMI	comp=Z,2um,4.3s	LN			
KMI	comp=Z,4um,14.4s	LE			
KMI	comp=Z,3um,15.1s	LZ			
DAV	Davao City (W)	37.29 208	P	P	05 54 54.8 -0.3
DAV			LR	LR	06 11 21.3
DAV	comp=Z,1um,19.2s,slow=42,slow=38	LR			
DAV	Davao City (W)	37.29 208	i/P	P	05 54 52.9 -2.1
DAV	Son La	37.87 250	eP	P	05 55 00.8 +0.7
DAV	Sand Point	39.41 49	eP	P	05 55 11.1 -1.3
ZAAO	Zalesovo Beam	39.41 308	eP	P	05 55 11.6 -0.9
ZALV	Zalesovo Beam	39.41 308	P	P	05 55 12.4 0.0
ZALV			PcP	PcP	05 57 19.5 +0.1
ZALV			ScP	ScP	06 01 04.0 +1.3
ZALV	comp=Z,40nm,0.7s,slow=92,slow=1.4,SNR=4.7	LR	LR	06 12 30.3	
ZALV	comp=Z,5.5nm,0.9s,slow=84,slow=5.3,SNR=3.7	LR	LR		
ZALV	comp=Z,8um,18.8s,slow=78,slow=38	P	P	05 55 12.4 0.0	
ZALV	Zalesovo Beam	39.41 308	P	P	05 57 19.5
ZALV			pmax	pmax	06 01 04.0
ZALV	comp=Z,125nm,0.6s	MLR	MLR		
ZALV	comp=Z,8um,18.8s	MLR	MLR		
WMQ	Urumqi	39.45 292	i/P	P	05 55 13.9 +0.9
WMQ			sP	P	05 55 37.0 +1.5
WMQ			PP	P	05 56 47.0 -0.8
WMQ			S	S	06 01 09.9 -0.6
WMQ			PMZ		
WMQ	comp=Z,240nm,1.2s	PMZ			
WMQ	comp=Z,3um,3.6s	LN			
WMQ	comp=Z,4um,15.5s	LE			
WMQ	comp=Z,13um,15.5s	LZ			
NVS	Novosibirsk	40.24 310	i/P	P	05 55 19.3 0.0
NVS			ePP	P	05 55 39.8 +5.1
NVS			i	S	06 01 23.3 +1.4
NVS			sSS	S	06 05 20.0
NVS			pmax	pmax	
NVS	comp=N,104nm,1.9s	pmax	pmax		
NVS	comp=Z,443nm,1.9s	pmax	pmax		
NVS	comp=E,227nm,1.1s	smax	smax		
NVS	comp=N,65nm,2.3s	smax	smax		

SGSI	Sanghie	40.47 206	P	P	05 55 24.3 +2.7
NONG	Nongkai	40.59 247	P	P	05 55 23.0 +0.4
SKNT	Sakolmakorn	40.77 245	P	P	05 55 24.3 +0.2
	comp=E,289nm,1.0s,comp=E,3um				
UBPT	Khong Chiam	40.96 241	P	P	05 55 26.5 +0.6
CRAI	Chiangrai	41.09 252	P	P	05 55 24.2 -2.6
	comp=E,840nm,1.0s,comp=E,4um				
KDM	Kudat	41.10 220	i/P	P	05 55 27.1 +0.3
TTA	Tatalina	41.52 38	eP	P	05 55 30.6 +0.7
			pmax	pmax	
TTA	Tatalina	41.52 38	eP	P	05 55 30.6 +0.7
	comp=Z,92nm,1.2s				
SVW2	Sparrevohn	41.73 40	eP	P	05 55 32.6 +1.1
	comp=Z,67nm,1.1s				
MYLDM	Lahad Datu	41.85 217	i/P	P	05 55 34.7 +1.8
MYLDM	Lahad Datu	41.85 217	eP	P	05 55 34.1 +1.2
	comp=Z,383nm,1.4s				
KHON	Khomkaen	42.01 245	P	P	05 55 34.6 +0.4
	comp=Z,189nm,0.8s,comp=Z,2um				
SDKM	Sandakan	42.04 219	i/P	P	05 55 35.3 +0.4
KKM	Kota Kinabalu	42.16 220	i/P	P	05 55 35.3 -0.3
KKM	Kota Kinabalu	42.16 220	eP	P	05 55 37.0 +1.4
	comp=Z,19nm,0.8s				
CMAI	Chiangmai	42.24 253	P	P	05 55 37.1 +0.8
	comp=Z,85nm,1.9s,comp=Z,3um				
MK01	Makanchi Array	42.32 298	eP	P	05 55 37.1 +0.5
MK31	Makanchi Array	42.32 298	eP	P	05 55 36.8 +0.2
MK31			pmax	pmax	
MK31	Makanchi Array	42.32 298	eP	P	05 55 36.7 +0.2
MKAR	Makanchi Array	42.32 298	P	P	05 55 36.8 +0.2
	comp=Z,73nm,0.7s,slow=84,slow=11,SNR=259				
MKAR			PcP	PcP	05 57 29.1 0.0
MKAR			LR	LR	06 14 32.3
MKAR	comp=Z,42nm,0.9s,slow=62,slow=5				
MKAR			LR	LR	06 14 32.3
MKAR	comp=Z,6um,19.8s,slow=85,slow=38				
MKAR	Makanchi Array	42.32 298	P	P	05 55 36.8 +0.2
MKAR			pmax	pmax	05 57 29.1
MKAR			MLR	MLR	
MKAR	comp=Z,73nm,0.7s	MLR	MLR		
MKAR	comp=Z,6um,19.8s	MLR	MLR		
LSA	Lhasa	42.49 271	P	P	05 55 40.0 +1.4
LSA			sP	S	05 55 58.5 +2.7
LSA			S	S	06 01 55.6 -1.1
LSA			SS	S	06 02 26.8 +3.9
LSA	comp=Z,230nm,1.5s	PMZ			
LSA	comp=Z,470nm,8.0s	LN			
LSA	comp=Z,900nm,30.0s	LN			
LSA	comp=Z,5um,28.0s	LE			
LSA	comp=Z,6um,28.0s	LE			
IM04	Indian Mountain	42.58 33	eP	P	05 55 38.4 0.0
UTTA	Uttarakid	42.61 249	P	P	05 55 39.0 +0.3
TNTI	Ternate	42.66 202	P	P	05 55 39.0 -0.5
	comp=Z,47nm,0.8s,comp=Z,330nm				
TNTI	Ternate	42.66 202	eP	P	05 55 39.8 +0.3
	comp=Z,357nm,1.4s				
LAMP	Lampang	42.74 251	P	P	05 55 40.9 +0.7
	comp=Z,71nm,0.8s,comp=Z,564nm				
SII	Sitkinak Island	42.81 47	eP	P	05 55 42.2 +1.8
	comp=Z,92nm,0.9s				
TSM	Tawau	42.91 217	i/P	P	05 55 42.3 +0.7
CMMT	Chiang Mai	43.03 252	P	P	05 55 42.7 +0.1
	comp=Z,266nm,0.8s,comp=Z,4um				
CHTO	Chiang Mai	43.04 252	P	P	05 55 42.7 +0.1
	comp=Z,80nm,0.8s,comp=Z,13um				
CHTO	Chiang Mai	43.04 252	eP	P	05 55 43.2 +0.6
CHTO			pmax	pmax	
CHTO	Chiang Mai	43.04 252	P	P	05 55 43.3 +0.7
	comp=Z,112nm,0.8s				
CHTO	Chiang Mai	43.04 252	eP	P	05 55 43.2 +0.6
	comp=Z,112nm,0.8s				
RSO	Redoubt Island	43.15 41	eP	P	05 55 43.5 +0.2
OHAK	Old Harbor	43.21 46	eP	P	05 55 43.1 +0.6
PLLA	Purkeypile	43.27 38	eP	P	05 55 45.7 +1.6
	comp=Z,322nm,1.5s				
CM31	Chiang Mai Arr	43.27 251	eP	P	05 55 45.2 +0.7
	comp=Z,822nm,2.0s				
CMAR	Chiang Mai Arr	43.27 251	P	P	05 55 45.2 +0.7
	comp=Z,31nm,0.7s,slow=42,slow=7.8,SNR=101				
CMAR			PcP	PcP	05 57 33.5 +0.9
CMAR			LR	LR	06 14 13.9
CMAR	comp=Z,17nm,0.8s,slow=14,slow=2.7,SNR=6.0				
CMAR	Chiang Mai Arr	43.27 251	P	P	05 55 45.2 +0.7
CMAR			pmax	pmax	05 57 33.6
CMAR	comp=Z,31nm,0.7s	MLR	MLR		
CMAR	comp=Z,3um,20.0s	MLR	MLR		
SWI	Chiang Mai Arr	43.28 251	P	P	05 55 44.4 -0.2
	comp=Z,160nm,1.0s				
SIJI	Sorong	43.30 196	P	P	05 55 44.4 -0.2
	comp=Z,88nm,0.7s,slow=10.0,slow=9.6,SNR=41				
CAST	Castle Rocks	43.30 37	eP	P	05 55 39.6 -4.7
SMPI	Sarmi	43.39 185	P	P	05 55 46.3 +0.9
SPU	Mount Spurr	43.43 40	eP	P	05 55 46.3 +0.9
KDAK	Kodiak Island	43.51 45	P	P	05 55 45.6 -0.3
	comp=Z,39nm,0.8s,slow=329,slow=3.2,SNR=39				
KDAK	Kodiak Island	43.51 45	eP	P	05 55 45.7 -0.2
	comp=Z,102nm,0.8s				
KDAK	Kodiak Island	43.51 45	P	P	05 55 45.0 -0.9
	comp=Z,331nm,0.6s,SNR=20				
KURK	Kurchatov	43.51 45	eP	P	05 55 45.7 -0.2
	comp=Z,102nm,0.8s				
KURK	Kurchatov	43.70 305	P	P	05 55 46.8 -0.8
	comp=Z,393nm,0.9s				
KURK	Kurchatov	43.70 305	P	P	05 55 47.9 +0.3
	SNR=101				
KURK	Kurchatov	43.70 305	P	P	05 55 47.9 +0.3
	comp=Z,2um,0.5s				
KURK	Kurchatov	43.70 305	eP	P	05 55 47.5 -0.1
	comp=Z,357				

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like MSO Missoula, IIGN Ignalina, NSHM Saint Helena R, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like BMN Battle Mountain, IKOM Komasi, SFJD Kangerlussuaq, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like HOMB Homborsund, SUSE Susehri, AHID Auburn Hatcher, etc.

CLL	ePP	PP	06 02 30.0 -0.1		
CLL	eS	SPn	06 09 21.0 -2.5		
CLL	eSP	P	06 10 05.0 +3.7		
CLL	e	MLR	06 17 00.0		
CLL	Lm		06 36 00.0		
CLL	comp-Z,4um,21.0s				
Colim	77.48 330	eP	P	05 59 37.5 0.0	
comp-Z,160nm,1.0s					
CHBY	Cihanbeyli	77.49 311	eP	P	05 59 38.1 +0.1
PVCC	Panska Ves	77.51 329	eP	P	05 59 38.5 +0.8
PVCC					05 59 47.7
PVCC					05 59 54.0
PVCC					06 00 00.2
PVCC					06 09 26.2 +2.4
comp-Z,3um,17.9s					
PVCC	Panska Ves	77.51 329	eP	P	05 59 38.5 +0.8
PVCC					05 59 47.7 -0.1
PVCC					05 59 54.0 -0.5
PVCC					06 00 00.2 -1.0
PVCC					06 09 26.2 +2.4
PVCC					06 36 50.0
AMS					
comp-Z,3um,17.9s					
WRDH	Waridhe	77.51 306	eP	P	05 59 39.4 +1.3
NWAOW	Narogin (SRO)	77.51 201	P	P	05 59 37.5 -0.2
baz=329,slow=5.1					
NRS	Narsarsuaq	77.51 4	iP	P	05 59 38.0 +0.5
comp-Z,65nm,1.1s					
NRS	Narsarsuaq	77.51 4	iP	P	05 59 38.0 +0.5
NRS					
comp-Z,65nm,1.1s					
PV04	Paradox Valley	77.53 50	eP	P	05 59 37.8 -0.5
GULT	Gulveren	77.54 313	eP	P	05 59 37.0 -1.2
YESY	Yesilyurt	77.55 310	eP	P	05 59 38.3 0.0
GLA	Glamis	77.57 57	eP	P	05 59 39.3 +0.9
GLA					
comp-Z,88nm,1.1s					
GLA	Glamis	77.57 57	P	P	05 59 38.8 +0.4
baz=77,SNR=7.9					
GLA	Glamis	77.57 57	eP	P	05 59 39.3 +0.9
comp-Z,88nm,1.1s					
NRDL	Niedersach Ric	77.57 332	eP	P	05 59 38.3 +0.4
comp-Z,88nm,1.1s					
L25A	Engelbretsen Ra	77.61 44	P	P	05 59 38.8 +0.2
K26A	Molz Farm, Whi	77.63 43	P	P	05 59 38.4 -0.3
baz=77,SNR=6.3					
KAC	Achnashellach	77.64 343	eP	P	05 59 37.8 -0.4
PV05	Paradox Valley	77.64 50	eP	P	05 59 39.5 +0.5
VRAC	Vranov	77.66 327	P	P	05 59 39.4 +0.8
comp-Z,96nm,0.9s,ba					
VRAC	Vranov	77.66 327	P	P	05 59 39.4 +0.8
VRAC					
comp-Z,97nm,0.9s					
VRAC	Vranov	77.66 327	iP	P	05 59 40.0 +1.4
FBE	Freiberg	77.66 330	eP	P	05 59 39.1 +0.6
comp-Z,232nm,1.4s					
AUSIV	SIVRIHISAR	77.66 312	iP	P	05 59 39.1 +0.2
SVRH	Sivrihisar-ESK	77.67 312	eP	P	05 59 38.5 -0.4
I28A	Midland	77.71 41	P	P	05 59 38.9 -0.1
baz=78,SNR=40					
H29A	Onida	77.72 40	P	P	05 59 38.6 -0.5
baz=78,SNR=32					
HRT	Hereke	77.73 314	P	P	05 59 35.5 -3.6
E32A	Grasten, Kindr	77.74 37	P	P	05 59 38.5 -0.6
baz=78					
RABH	Abou Rabah	77.74 305	eP	P	05 59 40.1 +0.7
ABTO	Aybut	77.82 282	P	P	05 59 39.7 -0.3
SNR=10					
J27A	Elkhorn Farm,	77.83 42	P	P	05 59 40.1 +0.3
baz=78,SNR=21					
KIZT	Kizilcal	77.86 311	eP	P	05 59 39.5 -0.5
KPL	Plockton	77.86 343	eP	P	05 59 38.8 -0.7
AMS					05 59 40.5
AMS					
comp-Z,200nm,2.5s					
G30A	Faulkton	77.87 39	P	P	05 59 39.5 -0.3
baz=78,SNR=73					
ROOS	Ualroos	77.87 305	eP	P	05 59 40.5 +0.4
D33A	AnnSam, Waubun	77.88 36	P	P	05 59 39.4 -0.5
baz=78					
BIDA	Albida	77.90 306	eP	P	05 59 41.8 +1.5
PV01	Paradox Valley	77.90 50	eP	P	05 59 40.6 +0.1
GOPC	GO Peeney, Ondr	77.91 328	eP	P	05 59 44.2 +2.0
GOPC					05 59 44.2 +2.0
GOPC					06 00 01.1 -2.4
GOPC					06 02 32.7 -3.0
GOPC					06 09 27.8 -0.4
GOPC					06 36 50.0
AMS					
AMS					
comp-Z,3um,17.2s					
QZR	Gura Zlata	77.91 321	iP	P	05 59 40.5 +0.4
PRA	Prague	77.92 329	eP	P	05 59 40.6 +0.6
PRA					06 00 01.6
PRA					06 09 28.3 0.0
PRA					
comp-Z,3um,17.0s					
PRA	Prague	77.92 329	eP	P	05 59 40.6 +0.6
PRA					06 00 01.6 -2.0
PRA					06 09 28.3 0.0
PRA					06 37 00.0
AMS					
AMS					
comp-Z,3um,17.0s					
KSB	Sheil Bridge	77.93 343	eP	P	05 59 39.5 -0.3
SMOL	Smolenice	77.93 326	eP	P	05 59 41.9 +1.8
SMOL	Smolenice	77.93 326	eP	P	05 59 41.9 +1.8
PRU	Pruhonice	77.95 328	eP	P	05 59 40.7 +0.6
PRU					05 59 46.9
PRU					06 00 01.7
PRU					06 02 32.0
PRU					06 09 26.0 -2.6
PRU					06 09 54.9
PRU					
comp-Z,3um,17.7s					
PRU	Pruhonice	77.95 328	eP	P	05 59 40.7 +0.6
PRU					05 59 46.8 -2.9
PRU					06 00 01.7 -2.0
PRU					06 02 32.0 -4.0
PRU					06 09 26.0 -2.6
PRU					06 09 54.9 +0.7
PRU					06 37 00.0
AMS					
AMS					
comp-Z,3um,17.7s					
BORA	Ekiskehir	77.96 313	iP	P	05 59 40.3 -0.2
ADVT	Adulvahap	77.96 314	eP	P	05 59 40.6 +0.2
SEYT	Eskypehry	77.99 313	iP	P	05 59 41.1 +0.3
BUY	Buyukada	78.00 314	iP	P	05 59 40.8 +0.2
CLZ	Clausthal	78.01 332	eP	P	05 59 41.0 +0.5
CLZ					06 36 21.0
NEUB	Neuenburg	78.02 331	eP	P	05 59 40.7 +0.2
comp-Z,201nm,1.1s					
BUD	Budapest	78.04 324	eP	P	05 59 41.5 +0.8
WUAZ	Wupatki	78.05 53	P	P	05 59 41.8 +0.6
baz=78,SNR=32					
WUAZ	Wupatki	78.05 53	eP	P	05 59 42.0 +0.8
comp-Z,80nm,1.0s					
CAVI	Cavusky	78.07 314	eP	P	05 59 41.2 +0.2
M25A	Palm-Egfil Farm	78.08 45	P	P	05 59 41.5 +0.3
baz=78					
SMCO	Snowmass	78.08 48	eP	P	05 59 42.3 +0.7
comp-Z,532nm,2.7s					
J28A	Allard Ranch,	78.10 42	P	P	05 59 41.1 -0.1
baz=78,SNR=46					
K27A	Fleuckinger Fa	78.11 43	P	P	05 59 39.6 -1.8
baz=78					
PKSN	Nyarlorinc	78.12 324	eP	P	05 59 42.2 +1.1
TREC	Trest	78.12 328	eP	P	05 59 41.6 +0.5
TREC					06 00 00.1
TREC					06 02 33.9
TREC					06 09 31.1 +0.6
TREC					06 09 56.0
MLR					
MLR					
comp-Z,3um,19.9s					
TREC	Trest	78.12 328	eP	P	05 59 41.6 +0.5
TREC					06 00 00.1 +2.1
TREC					06 02 33.9 -3.6
TREC					06 09 31.1 +0.6
TREC					06 09 56.0
AMS					
AMS					
comp-Z,3um,19.9s					
I29A	Vivian Onida	78.12 41	P	P	05 59 40.7 -0.6
baz=78,SNR=24					
AUKUT	KUTAHYA	78.14 313	iP	P	05 59 44.3 +2.7
L26A	Underwood Farm	78.16 44	P	P	05 59 41.3 -0.3
baz=78					

HAWK	Haweek	78.17 306	eP	P	05 59 42.0 +0.2
KIZK	Mersin	78.20 308	iP	P	05 59 41.9 +0.1
D34A	Park Rapids	78.21 36	P	P	05 59 40.7 -1.0
comp-Z,131nm,1.7s					
KONT	Konya-Tatoy	78.23 311	eP	P	05 59 42.5 +0.5
BZS	Buzias	78.29 322	iP	P	05 59 42.2 +0.2
BZS	Buzias	78.29 322	iP	P	05 59 42.3 +0.2
E33A	Westby DABS, E	78.29 37	P	P	05 59 41.7 -0.5
baz=78,SNR=16					
ZST	Bratislava	78.31 326	eP	P	05 59 43.3 +1.1
ZST	Bratislava	78.31 326	eP	P	05 59 43.3 +1.1
PK5T	Kunszentmiklos	78.31 324	eP	P	05 59 42.8 +0.6
AUKIR	K-rka- Seyitg	78.34 313	iP	P	05 59 42.6 0.0
ARMT	Armutlu	78.34 314	eP	P	05 59 42.8 +0.3
FKH	Fakeheh	78.36 305	eP	P	05 59 43.5 +0.6
PK5C	PK5C	78.39 325	eP	P	05 59 43.3 +0.7
ISCO	Idaho Springs	78.40 47	eP	P	05 59 43.7 +0.5
ISCO					
comp-Z,388nm,2.5s					
ISCO	Idaho Springs	78.40 47	P	P	05 59 43.2 0.0
baz=78,SNR=27					
ISCO	Idaho Springs	78.40 47	eP	P	05 59 43.7 +0.5
comp-Z,388nm,2.5s					
TANN	Tannenbergsht	78.41 330	eP	P	05 59 43.1 +0.3
comp-Z,354nm,2.4s					
ESY	Stetsoyath	78.43 341	eP	P	05 59 42.4 -0.3
WERD	Werda	78.44 330	eP	P	05 59 43.2 +0.3
comp-Z,113nm,1.4s					
PLN	Plauen	78.47 330	eP	P	05 59 43.3 +0.3
comp-Z,532nm,2.4s					
SUSD	South Dakota S	78.47 40	P	P	05 59 42.8 -0.3
baz=78,SNR=21					
BOLV	Bolvidan	78.49 312	iP	P	05 59 42.9 -0.6
L27A	T5 Ranch, Ells	78.52 43	P	P	05 59 43.8 +0.2
IBBN	Ibbenduren	78.53 333	eP	P	05 59 43.4 +0.1
comp-Z,212nm,1.1s					
M26A	McRoberts Ranc	78.54 44	P	P	05 59 44.2 +0.4
baz=78,SNR=9.6					
MOX	Moxta	78.54 330	eP	P	05 59 43.7 +0.3
comp-Z,129nm,1.3s					
MOX					06 37 38.4
comp-Z,3um,19.4s					
EDRB	Edinburg	78.54 316	eP	P	05 59 42.0 -1.6
WERN	Wernitzgrun	78.54 330	eP	P	05 59 44.0 +0.5
comp-Z,109nm,1.1s					
K28A	Ten Mile Ranch	78.55 42	P	P	05 59 43.7 0.0
NKC	Novy Kostel	78.56 330	eP	P	05 59 43.6 0.0
NKC					05 59 53.9
NKC					05 59 58.0
NKC					06 00 04.4
NKC					06 09 33.1 -2.1
NKC					06 09 58.2
NKC					
MLR					
MLR					
comp-Z,3um,20.2s					
NKC	Novy Kostel	78.56 330	eP	P	05 59 43.6 0.0
NKC					05 59 49.0
NKC					05 59 53.9 +1.5
NKC					05 59 58.0 -2.4
NKC					06 00 04.4
NKC					06 02 35.0 -6.1
NKC					06 09 33.1 -2.1
NKC					06 09 58.2
NKC					06 37 00.0
AMS					
AMS					
comp-Z,3um,20.2s					
J29A	Okreek	78.56 41	P	P	05 59 43.4 -0.3
baz=78,SNR=24					
MVCO	Mesa Verde	78.58 50	P	P	05 59 44.3 +0.1
baz=78,SNR=19					
MVCO	Mesa Verde	78.58 50	eP	P</	

J33A	Davis	80.26	39	P	P	05 59 52.5	-0.4	WLF1	Llynfaes	81.26	340	eP	P	05 59 57.4	-0.5	ECH	Echery	82.18	331	eP	P	06 00 03.0	0.0		
K32A	Verdigre	80.27	40	P	P	05 59 53.3	-0.7	WLF1	comp=Z,94nm,1.5s			AMS	AMS	06 40 17.0		WOL	Wolverton	82.19	338	eP	P	06 00 02.8	-0.2		
AKMC	Akamaks	80.27	308	P	P	05 59 53.2	+0.1	CADS	Cadrg	81.28	327	iP	P	05 59 57.3	-1.0	WOL	comp=Z,138nm,1.0s		AMS	AMS	06 00 04.2				
N29A	Votaw Ranch, W	80.31	43	P	P	05 59 52.8	-0.5	WTTA	Wattenberg	81.31	333	iP	P	05 59 59.0	+0.5	WOL	comp=Z,2um,23.5s				06 03 36.1				
PPCY	Papgho	80.38	308	P	P	05 59 53.7	+0.1	WLF	Walferdange	81.31	333	eP	P	05 59 59.3	+0.9	XOR	Xorichiti	82.20	317	eP	P	06 00 03.0	-0.3		
LHO	Holmfirth	80.37	339	eP	P	05 59 52.9	-0.4	WLF	Walferdange	81.31	333	eP	P	05 59 59.0	+1.9	XOR	Xorichiti	82.20	317	eP	P	06 00 02.9	-0.3		
SOKA	Soboth	80.38	326	iP	P	05 59 54.1	+0.5	WLF	Walferdange	81.31	333	eP	P	05 59 58.8	+0.4	XOR	Xorichiti	82.20	317	eP	P	06 00 03.0	+1.9		
NVR	Neurokopi	80.38	318	P	P	05 59 54.4	+0.8	WLF	Walferdange	81.31	333	eP	P	06 00 00.3	+1.9	KZN	Kozani	82.21	318	P	P	06 00 03.0	-0.4		
NVR	Neurokopi	80.38	318	P	P	05 59 54.4	+0.8	WLF	Walferdange	81.31	333	eP	P	06 00 00.3	+1.9	KZN	Kozani	82.21	318	P	P	06 00 03.0	-0.4		
AYVA	Ayvalik	80.40	315	iP	P	05 59 54.7	+0.8	WLF	Walferdange	81.31	333	eP	P	06 00 00.3	+1.9	KZN	Kozani	82.21	318	P	P	06 00 03.0	-0.4		
RJOB	Jochberg	80.44	328	eP	P	05 59 54.7	+0.8	FOEL	Foel Wylla	81.31	340	eP	P	05 59 58.7	+0.3	T26A	Walsh	82.23	47	P	P	06 00 03.2	-0.4		
HGN	Heimansgroeve	80.45	333	eP	P	05 59 53.6	-0.1	FOEL	Foel Wylla	81.31	340	eP	P	05 59 58.7	+0.3	P32A	Huiting Farm,	82.24	43	eP	P	06 00 02.4	-1.1		
DKL	Dikili	80.46	314	eP	P	05 59 53.7	-0.3	PAIG	Pailouri	81.53	317	P	P	05 59 58.8	+0.2	LPW	Lampeter	82.24	340	eP	P	06 00 03.0	-0.2		
BEEN	Eben Emael	80.50	334	P	P	05 59 54.1	+0.1	PLG	Polygyros	81.31	317	P	P	05 59 58.8	+0.2	LPW	comp=Z,106nm,2.6s		AMS	AMS	06 00 04.1				
MEM	Membach	80.55	333	P	P	05 59 54.3	0.0	PLG	Polygyros	81.31	317	P	P	05 59 58.8	+0.2	LPW	comp=Z,2um,25.5s				06 39 51.3				
MEM	Membach	80.55	333	eP	P	05 59 54.7	+0.4	HORT	Horiatias	81.32	318	P	P	05 59 58.6	-0.1	CBKS	Cedar Bluff	82.25	44	eP	P	06 00 02.6	-1.0		
MEM	Membach	80.55	333	eP	P	05 59 54.7	+0.4	HORT	Horiatias	81.32	318	P	P	05 59 58.6	-0.1	CBKS	Cedar Bluff	82.25	44	eP	P	06 00 02.6	-1.0		
MEM	Membach	80.55	333	eP	P	05 59 54.7	+0.4	LAZ	Ladros	81.33	51	eP	P	05 59 59.6	+0.5	CBKS	Cedar Bluff	82.25	44	eP	P	06 00 02.7	-1.0		
MEM	Membach	80.55	333	eP	P	05 59 54.7	+0.4	ANMO	Albuquerque	81.34	51	eP	P	05 59 59.8	+0.7	CBKS	Cedar Bluff	82.25	44	eP	P	06 00 02.6	-1.0		
KSCO	Kaye Shedlock	80.58	46	eP	P	05 59 54.7	-0.2	ANMO	comp=Z,35nm,1.1s			MLR	MLR			CBKS	Cedar Bluff	82.25	44	eP	P	06 00 02.6	-1.0		
KSCO	Kaye Shedlock	80.58	46	eP	P	05 59 54.7	-0.2	ANMO	comp=Z,1um,22.0s			MLR	MLR			CBKS	Cedar Bluff	82.25	44	eP	P	06 00 02.6	-1.0		
N30A	Huetfle Ranch,	80.60	43	P	P	05 59 54.4	-0.5	ABTA	Abfaltersbach	81.36	328	iP	P	05 59 58.2	-0.6	121A	Cookes Peak, D	82.26	53	eP	P	06 00 04.6	+0.6		
P28A	Saint Francis	80.64	45	P	P	05 59 54.9	-0.3	PVY	Plav	81.36	321	eP	P	05 59 58.6	-0.3	121A	Cookes Peak, D	82.26	53	eP	P	06 00 04.6	+0.6		
R26A	Arlington	80.65	47	P	P	05 59 55.0	-0.3	THE	Thessaloniki	81.37	318	P	P	05 59 58.7	-0.1	M35A	Neola	82.28	40	P	P	06 00 03.7	+0.1		
PRK	Paraskevi	80.67	315	P	P	05 59 55.5	+0.3	THE	Thessaloniki	81.37	318	P	P	05 59 58.7	-0.1	Q31A	Ellis	82.29	44	P	P	06 00 03.1	-0.7		
PRK	Paraskevi	80.67	315	P	P	05 59 55.5	+0.3	THE	Thessaloniki	81.37	318	P	P	05 59 58.7	-0.1	FYTO	Fytoko, Volos	82.29	317	P	P	06 00 03.5	-0.2		
PRK	Paraskevi	80.67	315	P	P	05 59 55.5	+0.3	T26A	Comanche Natio	81.38	47	P	P	05 59 58.6	-0.6	FYTO	Fytoko, Volos	82.29	317	P	P	06 00 03.5	-0.2		
SRS	Serrai	80.69	318	P	P	05 59 55.4	+0.1	UPM	Unac-Piva	81.39	322	eP	P	05 59 58.9	-0.2	U27A	Thompson Grove	82.35	47	P	P	06 00 03.9	-0.4		
SRS	Serrai	80.69	318	P	P	05 59 55.4	+0.1	S27A	Las Animas	81.39	47	P	P	05 59 58.8	-0.4	BAZ	baz=82,SNR=18			82.35	329	eP	P	06 00 04.9	+0.7
SRS	Serrai	80.69	318	P	P	05 59 55.4	+0.1	MOTA	Mossalm	81.43	329	iP	P	05 59 59.5	+0.3	FUORI	Oferaso-Fuom	82.37	329	eP	P	06 00 04.9	+0.7		
FUR	Furstenfeldbrunn	80.69	329	eP	P	05 59 55.7	+0.6	RETA	Reutte	81.44	100	iP	P	05 59 59.7	+0.5	TIR	Tirane	82.36	320	eP	P	06 00 04.0	0.0		
FUR	Furstenfeldbrunn	80.69	329	eP	P	05 59 55.7	+0.6	RETA	Reutte	81.44	100	iP	P	05 59 59.7	+0.5	TIR	Tirane	82.36	320	eP	P	06 00 04.0	0.0		
SPMN	St. Paul	80.70	36	P	P	05 59 54.9	-0.3	P30A	Selden	81.45	44	P	P	05 59 58.3	-1.1	TIR	Tirane	82.36	320	eP	P	06 00 04.0	0.0		
SPMN	St. Paul	80.70	36	eP	P	05 59 54.7	-0.5	DOU	Dourbes	81.46	334	P	P	05 59 58.9	-0.3	R30A	Dighton	82.36	45	P	P	06 00 03.1	-1.1		
OBKA	Obir	80.71	326	iP	P	05 59 55.6	+0.2	O31A	Woolen Ranch,	81.47	43	P	P	05 59 58.4	-1.1	DAVOX	Davos/Dischmat	82.37	329	P	P	06 00 04.3	0.0		
O29A	4D Ranch, Culb	80.73	44	P	P	05 59 55.1	-0.5	M33A	Taylor Creek F	81.47	41	P	P	05 59 59.0	-0.5	DAVOX	Davos/Dischmat	82.37	329	P	P	06 00 04.3	0.0		
AYDB	Zeyirinkoy-Aydi	80.74	313	eP	P	05 59 56.6	+0.9	R28A	Tribune	81.50	46	P	P	05 59 59.1	-0.6	DAVOX	Davos/Dischmat	82.37	329	P	P	06 00 04.3	0.0		
L32A	Elgin	80.75	41	P	P	05 59 55.0	-0.6	PAIG	Pailouri	81.53	317	P	P	05 59 59.8	+0.1	N34A	Lincoln	82.37	314	P	P	06 00 02.9	-1.2		
KBA	Koelnbreinsper	80.75	327	iP	P	05 59 56.0	+0.3	PAIG	Pailouri	81.53	317	P	P	05 59 59.8	+0.1	EIL	Eilat	82.38	303	P	P	06 00 05.0	+0.6		
M31A	Lambrecht Ranc	80.76	42	P	P	05 59 55.2	-0.5	N32A	Stulken Farm,	81.53	42	P	P	05 59 59.1	-0.7	EIL	Eilat	82.38	303	P	P	06 00 05.0	+0.6		
J34A	George	80.76	39	P	P	05 59 55.2	-0.5	K35A	Storm Lake	81.54	39	P	P	05 59 59.8	-1.0	S29A	Ulysses	82.40	46	P	P	06 00 03.7	-0.7		
GMM	Mits of Mourne	80.77	342	iP	P	05 59 54.8	-0.6	Q29A	Oakley	81.54	45	P	P	05 59 59.2	-0.7	O33A	Hebron	82.41	42	P	P	06 00 03.2	-1.2		
LIA	Limnos Island	80.77	316	P	P	05 59 55.7	0.0	YRE	Yr Eifi	81.55	340	eP	P	05 00 00.3	+0.8	MRKA	Markas	82.48	316	P	P	06 00 04.5	-0.3		
LIA	Limnos Island	80.77	316	P	P	05 59 55.7	0.0	COWI	Conover	81.57	33	P	P	05 59 59.3	-0.5	NEST	Nestorio	82.49	319	eP	P	06 00 04.9	0.0		
I35A	Creekview Farm	80.78	38	P	P	05 59 55.0	-0.7	L34A	Spensden Farm,	81.57	40	P	P	05 59 59.3	-0.6	NEST	Nestorio	82.49	319	eP	P	06 00 04.8	-0.1		
K33A	Hardington	80.78	40	P	P	05 59 55.3	-0.5	ELSH	Elsham, Standar	81.64	336	eP	P	06 00 00.1	0.0	EREA	Eretria	82.52	316	P	P	06 00 04.7	-0.3		
STNC	Stoke	80.87	339	eP	P	05 59 56.2	+0.2	ELSH	Elsham, Standar	81.64	336	eP	P	06 00 00.1	0.0	KARY	Karystos	82.54	315	P	P	06 00 04.8	-0.2		
STNC	Stoke	80.87	339	eP	P	05 59 56.2	+0.2	NKY	Niksic	81.64	321	eP	P	06 00 00.2	0.0	SMIA	Simia	82.55	316	P	P	06 00 04.9	+1.8		
STNC	Stoke	80.87	339	eP	P	05 59 56.2	+0.2	BFO	Black Forest	81.66	331	eP	P	06 00 00.2	-0.1	THL	Thakotos Trika	82.65	318	eP	P	06 00 05.1	+1.8		
STNC	Stoke	80.87	339	eP	P	05 59 56.2	+0.2	BFO	Black Forest	81.66	331	eP	P	06 00 00.2	-0.1	THL	Thakotos Trika	82.65	318	eP	P	06 00 05.1	+1.8		
SCHQ	Schefferville	80.91	16	P	P	05 59 56.1	-0.1	BFO	Black Forest	81.66	331	eP	P	06 00 00.2	-0.1	T29A	Hugoton	82.65	46	P	P	06 00 05.2	-0.6		
SCHQ	Schefferville	80.91	16	P	P	05 59 56.1	-0.1	BFO	Black Forest	81.66	331	eP	P	06 00 00.2	-0.1	APE	Apeiranthos	82.66	314	eP	P	06 00 04.3	-1.5		
SCHQ	Schefferville	80.91	16	P	P	05 59 56.1	-0.1	BFO	Black Forest	81.66	331	eP	P	06 00 00.2	-0.1	APE	Apeiranthos	82.66	314	eP	P	06 00 04.3	-1.5		
SCHQ	Schefferville	80.91	16	P	P	05 59 56.1	-0.1	BFO	Black Forest	81.66	331	eP	P	06 00 00.2	-0.1	APE	Apeiranthos	82.66	314	eP	P	06 00 04.3	-1.5		
SCHQ	Schefferville	80.91	16	P	P	05 59 56.1	-0.1	BFO	Black Forest	81.66	331	eP	P	06 00 00.2	-0.1	APE	Apeiranthos	82.66	314	eP	P	06 00 04.3	-1.5		
SCHQ	Schefferville	80.91	16	P	P	05 59 56.1	-0.1	BFO	Black Forest	81.66	331	eP	P	06 00 00.2	-0.1	APE	Apeiranthos	82.66	314	eP	P	06 00 04.3	-1.5		
SCHQ	Schefferville	80.91	16	P	P	05 59 56.1	-0.1	BFO	Black Forest	81.66	331	eP	P	06 00 00.2	-0.1	APE	Apeiranthos	82.66	314	eP	P	06 00 04.3	-1.5		
SCHQ	Schefferville	80.91	16	P	P	05 59 56.1	-0.1	BFO	Black Forest	81.66	331	eP	P	06 00 00.2	-0.1	APE	Apeiranthos	82.66	314	eP	P	06 00 04.3	-1.5		
SCHQ	Schefferville	80.91	16	P	P	05 59 56.1	-0.1	BFO	Black Forest	81.66	331	eP	P	06 00 00.2	-0.1	APE	Apeiranthos	82.66	314	eP	P	06 00 04.3	-1.5		
SCHQ	Schefferville	80.91	16	P	P	05 59 56.1	-0.1	BFO	Black Forest	81.66	331	eP	P	06 00 00.2	-0.1	APE	Apeiranthos	82.66	314	eP	P	06 00 04.3	-1.5		
SCHQ	Schefferville	80.91	16	P																					

13d 5h

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like KALE, S32A, SGD, IGT, Vega, R33A, T31A, DID, DID, DID, DID, P35A, Q34A, KSU1, JFWS, JFWS, JFWS, O36A, LAKA, LAKA, LAKA, SENIN, KRND, GUR, GUR, GUR, KLV, KLV, KLV, PDA, PDA, PDO, VAL, T32A, LK2D, LK2D, LK2D, R34A, P36A, NPS, W29A, V30A, U31A, DRO, DRO, RLS, RLS, RLS, X28A, LAST, AMTX, AMTX, Q35A, VLX, VLX, MSTX, MSTX, MNTX, MNTX, CCA1, CCA1, VLI, VLI, VLI, Q36A, IDI, IDI, T33A, VLC, AMT, AMT, JSA, JSA, KFL, KFL, X29A, VLS, VLS, VLS, GLMI, R35A, S34A, U31A, V32A, ITM, ITM, ITM, W30A, Y28A, AQU, AQU, AQU, VAM, VAM, ANK, ANK, ANK, ANK, ANK, ANK, R36A, PYL, PYL, PYL, W31A, Y29A, S35A, X30A.

2010 SEP

Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like Z28A, Q37A, U33A, T34A, V32A, BNI, BNI, BNI, GVD, GVD, R37A, U34A, U34A, S36A, X31A, V33A, W32A, Y30A, Z29A, 128A, CUC, C35A, PMOR, TIP, S37A, T36A, Y31A, URZ, Z30A, Z28A, SSB, SSB, SSB, V34A, V34A, U35A, W33A, X32A, W30K, W30K, W34A, W34A, HDIL, HDIL, Y32A, T37A, V35A, DAMY, X33A, Z31A, U36A, Z29A, BKZ, 130A, PPT, PPT2, PPT2, TIAR, X34A, Z32A, Z32A, V36A, Z30A, TAOE, U38A, V37A, W36A, Z33A, ABTX, ABTX, Y34A, Z30A, TX31, TXAR, TXAR, TXAR, TXAR, TXAR, X35A.

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Table with columns for station ID, name, frequency, power, and signal strength. Includes stations like 231A, SLBS, SFIN, SFIN, SLM, SLM, SLM, 429A, X36A, V38A, W37A, W37A, 529A, Z34A, 133A, 430A, Y35A, 3MEH, 3MEH, 232A, Z35A, X37A, Y36A, 233A, 332A, 530A, W38A, W38A, 134A, X38A, OLIL, OLIL, Y37A, 432A, LONY, Z36A, 135A, 234A, 531A, 333A, SIUC, BLO, BLO, BLO, JCT, JCT, JCT, JCT, PBMO, Y38A, WHTX, WHTX, VSL, 433A, 532A, 334A, Z37A, MIAR, MIAR, MIAR, MMNY, 136A, 631A, USIN, NCB, Y39A, ACSO, Z38A, 434A, 137A, 236A, UALR, 335A, 632A, 533A, MDV, GNAR, HBAR, 138A, Z39A, 336A, GLAT, 435B, 237A, 534A, 633A, ACCN, UTMT.

537A	baz=51,SNR=59	50.80 331	P	P	07 24 32.4 +0.7	Z36A	Blue Ridge	53.55 333	P	P	07 24 52.2 +0.3	WMOK		eScS	ScS	P	07 34 43.6 +3.7
340A	Green Hill Far	50.87 334	P	P	07 24 32.6 +0.4	GLAT	baz=54,SNR=38	53.56 341	eP	P	07 24 51.2 -0.8	V35A	Meyer Ranch, C	55.85 334	P	P	07 25 07.6 -0.9
734A	Bronson	50.87 328	P	P	07 24 32.5 +0.2	233A	Glass	53.63 330	P	P	07 24 52.4 -0.0	Y31A	Rekieta Farm,	55.88 330	P	P	07 25 08.7 0.0
833A	La Parita Cree	50.87 328	P	P	07 24 32.5 +0.2	134A	White-Moore Ra	53.71 331	P	P	07 24 53.0 -0.1	128A	Castleberry Fa	55.91 328	P	P	07 25 08.4 -0.7
635A	Chapparral WMA,	50.88 327	P	P	07 24 32.4 0.0	331A	San Angelo	53.81 328	P	P	07 24 53.5 -0.4	U36A	Oologah	55.95 336	P	P	07 25 08.6 -0.5
438A	Leesville	50.92 329	P	P	07 24 32.4 -0.2	430A	Baggett Ranch,	53.81 327	P	P	07 24 53.6 -0.4	Z29A	Hungy Hill Ra	56.02 329	P	P	07 25 08.8 -1.0
339A	Sam Houston St	51.08 332	P	P	07 24 33.7 +0.7	529A	Stev Forest Ra	53.81 326	P	P	07 24 54.0 0.0	SLM	Saint Louis	56.03 342	eP	P	07 25 08.6 -1.0
536A	Huntington	51.15 331	P	P	07 24 34.4 +0.1	Y37A	Hug	53.81 334	P	P	07 24 54.5 +0.7	SLM	comp=Z,203nm,0.9s				
733A	Bastrop	51.15 331	P	P	07 24 34.4 +0.1	PVMO	Portageville	53.82 341	eP	P	07 24 53.5 -0.3	SLM	Saint Louis	56.03 342	eP	P	07 25 08.6 -1.0
832A	Divot King Ran	51.15 327	P	P	07 24 34.3 -0.1	232A	Coleman	53.89 330	P	P	07 24 54.3 -0.2	W33A	Caddo, Fort Co	56.04 333	P	P	07 25 09.8 0.0
634A	Faith Ranch, C	51.16 327	P	P	07 24 34.3 -0.1	Z35A	Perchaven, S	53.97 333	P	P	07 24 55.2 +0.2	Y30A	Staford Catt	56.12 330	P	P	07 25 09.9 -0.6
437A	China Grove, S	51.20 329	P	P	07 24 34.6 -0.1	SLBS	Sierra La Lag	53.97 314	eP	P	07 24 55.8 +0.5	V34A	Guthrie	56.20 334	P	P	07 25 10.3 -0.7
535A	Phantom Ranch,	51.35 332	P	P	07 24 36.4 +0.6	TXAR	Lajitas Arroy	54.01 324	P	P	07 24 54.9 -0.6	T37A	Cheneyville 18	56.27 337	P	P	07 25 11.0 -0.4
338A	Dale	51.35 330	P	P	07 24 35.6 -0.3	TXAR	comp=Z,2.2nm,0.7s,ba	54.01 324	P	P	07 24 55.8 +0.5	TRIS	Tristan da Cun	56.28 325	P	P	07 25 13.0 +1.4
CPCT	Crockett	51.43 333	P	P	07 24 37.3 +0.9	TXAR	comp=Z,3.2nm,0.5s,ba	54.01 324	P	P	07 24 55.8 +0.5	BRYW	Bryant College	56.29 359	eP	P	07 25 10.8 -0.7
CPCT	Cooper Cave	51.49 346	eP	P	07 24 36.0 -0.7	TXAR	comp=Z,3.2nm,0.5s,ba	54.01 324	P	P	07 24 55.8 +0.5	X31A	McDonald Ranch	56.29 331	P	P	07 25 11.3 -0.3
NATX	Nacogdoches	51.49 334	eP	P	07 24 37.4 +0.6	TXAR	comp=Z,3.2nm,0.5s,ba	54.01 324	P	P	07 24 55.8 +0.5	U35A	Pawnee	56.33 335	P	P	07 25 11.7 -0.1
NATX	Nacogdoches	51.49 334	eP	P	07 24 38.0 +1.1	SDMD	Soldier's Deli	54.07 354	eP	P	07 24 55.0 -0.6	W32A	Sentinel	56.36 332	P	P	07 25 11.9 -0.2
732A	Luxson Ranch,	51.51 327	P	P	07 24 36.9 -0.2	SDMD	comp=Z,2.0nm,0.9s	54.09 336	P	P	07 29 42.9 +3.3	CLNB	Tucker Farm, C	56.37 326	eP	P	07 25 12.5 +0.2
TKL	Tuckaleechee C	51.51 347	eP	P	07 24 35.9 -1.0	X38A	Whitesboro	54.09 336	P	P	07 24 56.2 +0.4	Z28A	Tucker Farm, M	56.39 328	P	P	07 25 11.5 -0.9
436A	Tuckaleechee C	51.51 347	eP	P	07 24 35.9 -1.0	133A	Hamilton Ranch	54.13 331	P	P	07 24 56.2 0.0	Y29A	Porterfield Fa	56.48 329	P	P	07 25 12.4 -0.7
TKL	Wall Ranch, Ga	51.60 331	P	P	07 24 38.1 +0.4	X37A	Hamilton Ranch	54.24 335	P	P	07 24 57.0 +0.1	V33A	Porterfield Fa	56.52 333	P	P	07 25 12.9 -0.3
SWET	Sewanee	51.62 344	eP	P	07 24 36.6 -1.1	231A	Bronte	54.26 329	P	P	07 24 56.4 -0.8	X30A	Coker Ranch, T	56.57 330	P	P	07 25 13.1 -0.5
239A	Gary	51.64 334	P	P	07 24 38.5 +0.6	330A	Metz	54.27 328	P	P	07 24 56.5 -0.8	T36A	Boggs Farm, C	56.59 336	P	P	07 25 13.1 -0.5
337A	Centerville	51.65 332	P	P	07 24 38.8 +0.8	Z34A	Collier Ranch,	54.30 332	P	P	07 24 57.4 0.0	T35A	Sooner Cattle	56.71 335	P	P	07 25 14.2 -0.4
633A	Saathoff Ranch	51.69 328	P	P	07 24 38.5 +0.2	W38A	Poteau	54.32 336	P	P	07 24 57.7 +0.3	U34A	Anderson Ranch	56.72 334	P	P	07 25 14.3 -0.3
534A	Bianco	51.80 329	P	P	07 24 38.4 -0.8	Y35A	Marietta	54.36 333	P	P	07 24 58.0 +0.2	U34A	Anderson Ranch	56.72 334	eP	P	07 25 14.4 -0.3
238A	Jacksonville	51.90 334	P	P	07 24 40.7 +0.8	PBMO	Poplar Bluff	54.39 341	eP	P	07 24 56.9 -1.0	W31A	Holland Ranch,	56.73 332	P	P	07 25 13.9 -0.9
OXF	Oxford	51.98 341	eP	P	07 24 38.3 -2.1	ABTX	Abilene, Hawle	54.49 330	P	P	07 24 58.8 0.0	MNTX	Cornudas Mount	56.76 325	eP	P	07 25 14.0 -0.9
OXF	Oxford	51.98 341	eP	P	07 24 38.3 -2.1	ABTX	Abilene, Hawle	54.49 330	P	P	07 24 58.8 0.0	MNTX	Cornudas Mount	56.76 325	eP	P	07 25 13.8 -1.2
OXF	Oxford	51.98 341	eP	P	07 24 38.3 -2.1	ABTX	Abilene, Hawle	54.49 330	P	P	07 24 58.8 0.0	V32A	Arapaho	56.77 333	P	P	07 25 14.9 -0.1
435B	Jarrell	51.98 331	P	P	07 24 40.5 0.0	ABTX	Abilene, Hawle	54.49 330	P	P	07 24 58.8 0.0	WFIN	Scholer Farm	56.80 345	eP	P	07 25 13.1 -1.9
632A	Uvalde	52.04 328	P	P	07 24 41.1 +0.1	WCI	Wyandotte Cave	54.56 345	eP	P	07 24 57.7 -1.5	WFIN	Scholer Farm	56.80 345	eP	P	07 25 13.2 -1.9
533A	Kerrville	52.11 329	P	P	07 24 41.1 -0.4	MVL	Millersville	54.61 355	eP	P	07 24 58.9 -0.6	S37A	Fort Scott	56.80 337	P	P	07 25 14.3 -0.8
336A	Riesel	52.14 332	P	P	07 24 41.7 0.0	Z33A	Whitaker Ranch	54.62 331	P	P	07 24 59.8 +0.1	Y28A	McKinney Farm,	56.81 329	P	P	07 25 14.5 -0.9
139A	Bunkhouse Ran	52.18 335	P	P	07 24 42.6 +0.7	230A	Stirling City	54.62 328	P	P	07 24 59.1 -0.7	HRV	Adam Dzewiosk	56.88 359	eP	P	07 25 14.9 -0.6
237A	Washetta, Mont	52.20 333	P	P	07 24 42.6 +0.6	X36A	Centrahoma	54.63 334	P	P	07 24 59.4 -0.4	HRV	Adam Dzewiosk	56.88 359	eP	P	07 25 14.9 -0.6
TZTN	Tazewell	52.31 347	eP	P	07 24 42.0 -0.8	USIN	University of	54.67 344	eP	P	07 24 58.6 -1.4	CPRX	Cap Rock	56.95 327	eP	P	07 25 16.3 -0.2
TZTN	Tazewell	52.31 347	eP	P	07 24 42.0 -0.8	Y34A	Reagan Ranch,	54.72 333	P	P	07 25 00.5 +0.1	CPRX	Cap Rock	56.95 327	eP	P	07 25 16.3 -0.2
335A	Moody	52.33 331	eScP	P	07 29 35.3 +3.3	W37A	Quinn	54.74 335	P	P	07 25 00.6 +0.1	CPRX	Cap Rock	56.95 327	eP	P	07 25 16.1 +4.2
URVA	University of	52.33 353	eP	P	07 24 42.0 -0.8	X35A	Drake	54.75 334	P	P	07 25 00.0 -0.6	U33A	Lingo Farm, Me	56.96 334	eP	P	07 25 15.7 -0.7
WVCC	Virginia Weste	52.33 351	eP	P	07 24 42.6 -0.3	329A	Wagon Wheel Ra	54.75 327	P	P	07 25 00.3 -0.4	X29A	Tulia	56.97 330	P	P	07 25 15.7 -0.8
434A	Burnet	52.34 330	P	P	07 24 42.7 -0.4	SIUC	Southern Illin	54.88 342	eP	P	07 25 00.6 -0.8	W30A	Crocket Farms	57.03 331	P	P	07 25 16.3 -0.5
BLA	Blacksburg	52.37 350	eP	P	07 24 43.1 -0.1	131A	Roby	54.89 329	P	P	07 25 01.3 -0.1	S36A	Lake Cedric, C	57.05 337	P	P	07 25 16.2 -0.7
BLA	Blacksburg	52.37 350	eP	P	07 24 43.1 -0.1	V38A	Canehill	54.97 337	P	P	07 25 01.3 -0.1	T34A	McCloskey Farm	57.08 335	P	P	07 25 17.0 -0.1
631A	Perdido Creek	52.38 327	P	P	07 24 43.0 -0.4	Z32A	Haskell	54.97 331	P	P	07 25 02.1 -0.1	MSTX	Muleshoe	57.12 328	P	P	07 25 17.0 -0.6
138A	Matattal Enter	52.45 334	P	P	07 24 44.8 +0.9	229A	Bryant Ranch,	55.04 328	P	P	07 25 02.3 -0.6	MSTX	Muleshoe	57.12 328	eP	P	07 25 16.7 -0.9
236A	Katherine and	52.52 332	P	P	07 24 44.8 +0.4	W36A	Wetumka	55.07 335	P	P	07 25 02.2 -0.7	MSTX	Muleshoe	57.12 328	eP	P	07 25 16.7 -0.9
EBZ	Ebenzer Churc	52.54 341	eP	P	07 24 43.5 -1.0	130A	Snyder	55.12 329	P	P	07 25 03.0 -0.4	MSTX	Muleshoe	57.12 328	eP	P	07 25 16.7 -0.9
Z39A	Irene McRaven,	52.58 335	P	P	07 24 45.7 +0.8	LUPA	Lehigh Univer	55.13 356	eP	P	07 25 02.7 -0.5	MSTX	Muleshoe	57.12 328	eP	P	07 25 16.7 -0.9
532A	Rocksprings	52.60 328	P	P	07 24 45.1 0.0	Y33A	Hilltop Ranch,	55.15 332	P	P	07 25 03.6 +0.1	MSTX	Muleshoe	57.12 328	eP	P	07 25 16.7 -0.9
137A	Heron Place, G	52.68 333	P	P	07 24 46.5 +0.9	BRNJ	Basking Ridge	55.16 357	eP	P	07 25 02.6 -0.8	MSTX	Muleshoe	57.12 328	eP	P	07 25 16.7 -0.9
433A	Art	52.69 329	P	P	07 24 45.3 -0.5	CPNY	Central Park	55.24 357	eP	P	07 25 02.0 -1.9	MSTX	Muleshoe	57.12 328	eP	P	07 25 16.7 -0.9
MET	Memphis-Engin	52.71 340	eP	P	07 24 45.0 -0.8	V37A	Hulbert	55.27 336	P	P	07 25 04.1 -0.2	MSTX	Muleshoe	57.12 328	eP	P	07 25 16.7 -0.9
334A	Lometa	52.75 330	P	P	07 24 45.8 -0.4	X34A	Smith Ranch, M	55.29 333	P	P	07 25 04.7 +0.2	MSTX	Muleshoe	57.12 328	eP	P	07 25 16.7 -0.9
JCT	Junction City	52.83 328	eP	P	07 24 46.3 -0.5	Z31A	Sharp Cattle R	55.30 330	P	P	07 25 04.6 0.0	MSTX	Muleshoe	57.12 328	eP	P	07 25 16.7 -0.9
JCT	Junction City	52.83 328	eP	P	07 24 46.2 -0.5	W35A	Tecumseh	55.35 334	P	P	07 25 04.0 -0.9	MSTX	Muleshoe	57.12 328	eP	P	07 25 16.7 -0.9
JCT	Junction City	52.83 328	eP	P	07 24 46.2 -0.5	SSPA	Palisades	55.45 357	eP	P	07 25 04.7 -0.4	MSTX	Muleshoe	57.12 328	eP	P	07 25 16.7 -0.9
JCT	Junction City	52.83 328	eP	P	07 24 46.2 -0.5	SSPA	Palisades	55.45 357	eP	P	07 25 04.7 -0.4	MSTX	Muleshoe	57.12 328	eP	P	07 25 16.7 -0.9
JCT	Junction City	52.83 328	eP	P	07 24 46.2 -0.5	SSPA	Palisades	55.45 357	eP	P	07 25 04.7 -0.4	MSTX	Muleshoe	57.12 328	eP	P	07 25 16.7 -0.9
JCT	Junction City	52.83 328															

R33A	Olander Ranch, baz=59, SNR=27	58.51	335	P	P	07 25 26.6	-0.4
T30A	Plains	58.54	332	P	P	07 25 27.3	-0.1
S31A	Mullins	58.55	334	P	P	07 25 27.5	0.0
V27A	Dan Oppiter Fa	58.57	330	P	P	07 25 27.3	-0.4
P36A	Good Intent, A	58.58	338	P	P	07 25 26.2	-1.3
Q34A	Chapman	58.62	336	P	P	07 25 27.2	-0.6
KSU1	Kansas State U	58.65	337	P	P	07 25 27.2	-0.8
KSU1	Kansas State U	58.65	337	eP	P	07 25 27.1	-0.8
121A	Cookes Peak, D	58.74	324	P	P	07 25 29.4	+0.4
121A	Cookes Peak, D	58.74	324	eP	P	07 25 29.4	+0.4
U28A	Mallet	58.78	331	P	P	07 25 28.3	-0.7
P35A	Duane Miner, baz=59, SNR=21	58.80	337	P	P	07 25 27.8	-1.2
R32A	Long Quarter, baz=59, SNR=55	58.90	335	P	P	07 25 29.5	-0.3
WV1	Waterville	58.94	330	eP	P	07 25 29.7	-0.1
O36A	Bolkow	59.84	339	P	P	07 25 28.6	-1.4
T29A	Hugoton	59.87	332	P	P	07 25 30.3	-0.1
S30A	Montezuma	59.00	333	P	P	07 25 30.2	-0.3
Q33A	Connelly Farm, baz=59, SNR=20	59.03	336	P	P	07 25 30.2	-0.4
LONY	Lake Ozonia	59.09	357	eP	P	07 25 30.2	-0.6
U27A	Thompson Grove	59.10	330	P	P	07 25 30.9	-0.4
P34A	Walnut Farm, R	59.12	337	P	P	07 25 30.7	-0.5
R31A	Burdett	59.13	334	P	P	07 25 31.1	-0.3
FRNY	Flat Rock	59.25	358	eP	P	07 25 31.5	-0.5
S29A	Ulysses	59.27	332	P	P	07 25 32.6	+0.2
BNM	Barren Site	59.29	326	eP	P	07 25 32.6	-0.2
Q32A	Meliter Farm, baz=60, SNR=36	59.32	335	P	P	07 25 32.3	-0.3
T28A	Walsh	59.32	331	P	P	07 25 32.1	-0.7
P33A	Williams Farm, baz=60	59.36	336	P	P	07 25 32.5	-0.4
Y22D	IRIS PASSCAL I	59.39	325	P	P	07 25 33.8	+0.4
Q35A	Humboldt	59.40	338	P	P	07 25 31.5	-1.7
LPM	Los Pinos Moun	59.41	326	eP	P	07 25 33.4	-0.1
R30A	Dighton	59.45	333	P	P	07 25 33.6	0.0
T27A	Campo	59.56	331	P	P	07 25 33.9	-0.5
S28A	Manter	59.62	334	P	P	07 25 34.5	-0.2
SADO	Sadova	59.62	353	eP	P	07 25 33.2	-1.3
O34A	Beatrice	59.62	337	P	P	07 25 33.6	-1.0
CBKS	Cedar Bluff	59.66	334	eP	P	07 25 35.0	0.0
CBKS	Cedar Bluff	59.66	334	eP	P	07 25 35.0	0.0
CBKS	Cedar Bluff	59.66	334	eP	P	07 25 34.8	-0.2
CBKS	Cedar Bluff	59.66	334	eP	P	07 25 35.0	0.0
CBKS	Cedar Bluff	59.66	334	eP	P	07 25 35.0	0.0
Q31A	Ellis	59.68	334	P	P	07 26 18.1	-2.1
LAZ	Ladron	59.76	325	eP	P	07 25 36.2	+0.2
ANMO	Albuquerque	59.80	326	eP	P	07 25 35.9	-0.3
ANMO	Albuquerque	59.80	326	eP	P	07 25 36.2	-0.1
N35A	Tabor	59.83	336	P	P	07 25 34.9	-1.2
Q33A	Hebron	59.86	336	P	P	07 25 35.7	-0.6
P32A	Hutting Farm	59.88	335	P	P	07 25 35.9	-0.6
R29A	Marienthal	59.95	333	P	P	07 25 36.8	-0.2
SCIA	State Center	59.95	341	eP	P	07 25 35.7	-1.1
JFWS	Jewell Farm	59.99	344	eP	P	07 25 35.4	-1.7
JFWS	Jewell Farm	59.99	344	eP	P	07 25 35.4	-1.7
JFWS	Jewell Farm	59.99	344	eP	P	07 25 35.4	-1.7
Q30A	Quinter	60.00	334	P	P	07 25 37.4	+0.1
T26A	Comanche Natio	60.07	330	P	P	07 25 37.9	-0.1
P31A	Stockton	60.11	335	P	P	07 25 37.9	-0.1
N34A	Lincoln	60.12	338	P	P	07 25 36.9	-1.1
S27A	Las Animas	60.15	331	P	P	07 25 38.0	-0.4
R28A	Tribune	60.18	332	P	P	07 25 38.0	-0.6
Q29A	Oakley	60.26	333	P	P	07 25 38.8	-0.3
Q32A	Brockman Farm, baz=60, SNR=20	60.29	336	P	P	07 25 38.6	-0.6
S26A	Kim	60.37	330	P	P	07 25 40.3	+0.4
M35A	Neola	60.38	339	P	P	07 25 38.9	-0.9
N33A	J Bar K, Exete	60.39	337	P	P	07 25 39.4	-0.5
T25A	Trinidad	60.44	329	P	P	07 25 40.8	+0.3
T25A	Trinidad	60.44	329	eP	P	07 25 40.8	+0.3
P30A	Selden	60.49	334	P	P	07 25 40.5	-0.1
GLMI	Graying	60.50	349	eP	P	07 25 39.2	-1.3
R27A	Eads	60.58	331	P	P	07 25 40.9	-0.5
Q31A	Woolen Ranch, baz=61, SNR=21	60.62	335	P	P	07 25 41.1	-0.4
M34A	Aspy Farms, Fr	60.73	338	P	P	07 25 41.5	-0.6
N32A	Stulken Farm, baz=61	60.73	336	P	P	07 25 41.7	-0.5
Q28A	Sharon Springs	60.78	333	P	P	07 25 42.3	-0.4
P29A	Atwood	60.83	334	P	P	07 25 42.9	0.0
RKT	Rikitea	60.86	252	eP	P	07 25 43.7	+0.2
L35A	Bielow Farm, R	60.90	339	P	P	07 25 42.4	-0.9
Q30A	MW Ranch, Wils	60.94	335	P	P	07 25 43.7	+0.1
M33A	Taylor Creek F	61.02	338	P	P	07 25 43.2	-0.9
N31A	Bailey Ranch, baz=61, SNR=22	61.04	336	P	P	07 25 44.2	-0.2
L34A	Ovendsen Farm, baz=61, SNR=84	61.06	338	P	P	07 25 43.4	-1.0
PQI	Presque Isle	61.09	2	eP	P	07 25 43.7	-0.7
KSCO	Kaye Shredlock	61.09	332	eP	P	07 25 45.0	+0.2
KSCO	Kaye Shredlock	61.09	332	eP	P	07 25 45.0	+0.2
P28A	Saint Francis	61.16	333	P	P	07 25 45.2	+0.0
O29A	4th Ranch, Culb	61.21	334	P	P	07 25 45.8	+0.3
BGNE	Belgrade	61.23	337	P	P	07 25 45.2	-0.4

BGNE	Belgrade	61.23	337	eP	P	07 25 45.2	-0.4
K35A	Storm Lake	61.34	340	P	P	07 25 45.5	-0.7
214A	Organ Pipe Nat	61.36	320	P	P	07 25 46.9	+0.2
214A	Organ Pipe Nat	61.36	320	eP	P	07 25 46.8	+0.2
Q26A	Hugo	61.43	331	P	P	07 25 47.6	+0.5
SDCO	Great Sand Dun	61.45	329	P	P	07 25 47.8	+0.4
SDCO	Great Sand Dun	61.45	329	eP	P	07 25 47.7	+0.3
N30A	Hueffle Ranch, baz=62, SNR=7.0	61.48	335	P	P	07 25 47.4	+0.1
M31A	Lambrecht Ranch	61.49	336	P	P	07 25 47.4	0.0
P27A	Flicker Ranch, baz=62, SNR=32	61.51	332	P	P	07 25 47.8	+0.2
L33A	Hoskins	61.56	338	P	P	07 25 46.9	-0.9
K34A	Le Mars	61.60	339	P	P	07 25 47.2	-0.8
O28A	Krutsinger Ran	61.63	333	P	P	07 25 48.6	+0.3
L32A	Elgin	61.69	337	P	P	07 25 47.7	-0.9
N29A	Votaw Ranch, W	61.72	335	P	P	07 25 49.0	+0.2
W18A	Petrified Fore	61.73	324	P	P	07 25 49.5	+0.3
W18A	Petrified Fore	61.73	324	eP	P	07 25 49.6	+0.4
K33A	Hardington	61.84	338	P	P	07 25 49.3	-0.4
P26A	Davis Ranch, A	61.86	332	P	P	07 25 50.1	+0.1
J35A	Milford	61.90	340	P	P	07 25 48.9	-1.1
O27A	Burnside Ranch	61.99	333	P	P	07 25 51.3	+0.6
N28A	Pribbeno Ranch	61.99	334	P	P	07 25 51.0	+0.3
M30A	Dale-Ortello V	62.01	336	P	P	07 25 50.7	-0.1
J34A	George	62.08	339	P	P	07 25 50.5	-0.7
S22A	4UR Ranch, Cre	62.12	328	P	P	07 25 52.1	+0.2
S22A	4UR Ranch, Cre	62.12	328	eP	P	07 25 52.1	+0.2
L31A	Butterfield Fa	62.15	337	P	P	07 25 51.6	-0.2
Q24A	Divine	62.23	330	P	P	07 25 52.8	+0.1
K32A	Verdigre	62.24	338	P	P	07 25 51.3	-1.0
M29A	Burnside Ranch	62.26	335	P	P	07 25 52.6	+0.1
I35A	Creekview Farm	62.27	340	P	P	07 25 51.6	-0.8
L30A	Spencer Herofo	62.30	336	P	P	07 25 52.8	+0.1
O26A	Horse Wrangler	62.32	332	P	P	07 25 53.9	+0.4
OGNE	Ogallala	62.41	334	P	P	07 25 53.7	+0.2
OGNE	Ogallala	62.41	334	eP	P	07 25 53.6	+0.1
J33A	Davis	62.46	339	P	P	07 25 53.0	-0.7
K31A	O'Neill	62.51	337	P	P	07 25 53.9	-0.1
M28A	Bar X Bar Ranch	62.51	334	P	P	07 25 54.4	+0.3
N27A	Anderson Farm, baz=63, SNR=20	62.52	333	P	P	07 25 54.3	+0.1
MVCO	Mesa Verde	62.59	327	P	P	07 25 55.2	+0.2
MVCO	Mesa Verde	62.59	327	eP	P	07 25 54.9	-0.1
COWI	Conover	62.69	346	eP	P	07 25 54.1	-1.0
ECSD	EROS Data Cent	62.70	339	P	P	07 25 54.6	-0.7
ECSD	EROS Data Cent	62.70	339	eP	P	07 25 54.5	-0.7
L29A	Maesberg Ranch	62.70	336	P	P	07 25 55.5	+0.1
I34A	Hadley	62.72	340	P	P	07 25 54.7	-0.7
J32A	Parkston	62.82	338	P	P	07 25 55.2	-0.8
N26A	Koester Ranch, baz=63, SNR=31	62.84	333	P	P	07 25 56.8	+0.4
SPMM	St. Paul	62.84	343	P	P	07 25 55.2	-1.0
SPMM	St. Paul	62.84	343	eP	P	07 25 55.0	-1.1
K30A	Basset	62.88	336	P	P	07 25 56.5	-0.1
WUAZ	Wupatki	62.95	323	P	P	07 25 57.9	+0.6
WUAZ	Wupatki	62.95	323	eP	P	07 25 57.8	+0.4
I33A	Coleman	63.04	339	P	P	07 25 57.2	-0.4
J31A	Geddes	63.07	337	P	P	07 25 56.9	-0.9
L28A	Connealy Angus	63.08	335	P	P	07 25 57.9	0.0
ISCO	Idaho Springs	63.11	330	eP	P	07 25 58.6	+0.1
ISCO	Idaho Springs	63.11	330	eP	P	07 25 58.7	+0.2
ISCO	Idaho Springs	63.11	330	eP	P	07 25 58.6	+0.2
K29A	Lazy Trails A	63.22	336	P	P	07 25 59.1	+0.3
H34A	Spean Lake, baz=64, SNR=156	63.25	340	P	P	07 25 58.3	-0.5
I32A	Karley and Nic	63.25	339	P	P	07 25 58.7	-0.3
SMCO	Snowmass	63.29	329	eP	P	07 26 00.1	+0.4
PV01	Paradox Valley	63.31	327	eP	P	07 26 00.1	+0.3
M26A	McRoberts Ranc	63.32	333	P	P	07 25 60.0	+0.4
GLA	Glamis	63.36	319	eP	P	07 26 00.3	+0.4
GLA	Glamis	63.36	319	eP	P	07 26 00.2	+0.4
GLA	Glamis	63.36	319	eP	P	07 26 00.3	+0.4
J30A	Dallas	63.38	337	P	P	07 25 59.4	-0.4
L27A	TS Ranch, Ellis	63.47	334	P	P	07 26 01.0	+0.4
PV05	Paradox Valley	63.55	327	eP	P	07 26 01.1	-0.2
H33A	Prehn Over Nor	63.58	340	P	P	07 26 00.8	-0.3
K28A	Ten Mile Ranch	63.60	335	P	P	07 26 02.0	+0.6
Y12C	Blythe	63.63	320	P	P	07 26 01.9	+0.3
I31A	Royce Wessing	63.64	338	P	P	07 26 01.2	-0.3
H32A	Carlson Farm, baz=64, SNR=79	63.66	339	P	P	07 26 01.2	-0.4
PV04	Paradox Valley	63.68	327	eP	P	07 26 02.0	-0.1
M25A	Palm-Eggle Farm	63.69	333	P	P	07 26 02.5	+0.4
PV10	Paradox Valley	63.74	327	eP	P	07 26 02.0	-0.6
L26A	Underwood Farm	63.76	334	P	P	07 26 02.9	+0.5
PDMC	Par Dam Lak	63.76	321	P	P	07 26 02.8	+0.

1.0nm, 1.0s, baz=140, slow=7.0, SNR=3.7
FINES FINESSE Array B 74.00 335 P P
1.7nm, 0.8s, baz=126, slow=7.1, SNR=3.9

TORD Torodi Arr Bea 62.33 263 P
0.3nm, 0.4s, baz=74, slow=7.0, SNR=6.6
TXAR Lajitax Array 148.52 13 PKPbc PKPbc

WEL 13 10:16:12.2-0.6, 38'50S x 175'76E, h173km, 5km, ML3.5/13,
10C-10D, Error ellipse: s-maj=2.5km s-min=2.4km
az=90D, North Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like MRHZ, TWVZ, WNVZ, etc.

IDC 13 10:37:28.8-2.0, 2'02N-97'02E, h0km, mb3.3/3, mb1 3.4/4,
mb1mx3/1.54, mbtmp3.2/4, ML2.1/1, MS2.4/1, ML1.2/4,
ms1mx2.2/1.8, Error ellipse: s-maj=52.5km s-min=27.9km
az=53.0

ISCJB 13 10:37:30.3-1.1, 1'70N-0'06-97'09E-0'07, h22km, 11km,
mb3.2/3, Error ellipse: s-maj=13.9km s-min=6.6km
az=139.2

DJA 13 10:37:30.5-0.6, 2'N5.5 x 9'7E.1, h31km, 6km, M3.6/7,
MLV3.6/7

ISC 13 10:37:30.0-1.5, 1.81N, 0'05-97'18E-0'06, h10km, 10km,
n13, c194/15, mb3.3/3, North Sumatra

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

IDC 13 10:59:54.1-0.7, 26'90N-66'91E, h0km, mb3.9/17,
mb1 4.1/7, mb1mx3.9/4.3, mbtmp3.9/17, MS3.0/9,
MS1 3.1/9, ms1mx2.9/3.7, Error ellipse: s-maj=18.0km
s-min=16.4km az=34.0

ISCJB 13 10:59:56.9-0.3, 26'99N-0'04-67'13E-0'04, h33km,
mb3.9/21, MS3.0/8, Error ellipse: s-maj=5.5km
s-min=4.5km az=11.5

NEIC 13 10:59:59.6-0.6, 27'05N-67'00E, h35km, mb4.1/6, Error
ellipse: s-maj=11.6km s-min=11.1km az=122.0

ISC 13 10:59:59.3-0.5, 27'05N-0'06-67'11E-0'05, h35km, n60,
c159/64, mb3.9/21, MS3.1/8, 1C-7D, Pakistan

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

comp=N, 17nm, 0.7s
KKN Kakani 16.15 83 eP Pn

PKIN Pulchoki 16.26 84 eP Pn
comp=N, 19nm, 0.6s

PKI Pulchoki 16.27 84 eP Pn
comp=N, 11nm, 0.6s

EKS2 Erkin-Say 16.50 18 ePn Pn
comp=N, 33nm, 0.9s

AAK Ala-Archa 16.67 19 Pn Pn
comp=N, 0.5nm, 0.3s, baz=249, slow=6.3, SNR=7.5

AAK Ala-Archa 16.67 19 ePn Pn
comp=N, 0.3nm, 0.3s, baz=151, slow=19, SNR=4.7

AAK Ala-Archa 16.67 19 ePn Pn
comp=N, 0.3nm, 0.3s, baz=151, slow=19, SNR=4.7

AAK Ala-Archa 16.67 19 ePn Pn
comp=N, 0.3nm, 0.3s, baz=151, slow=19, SNR=4.7

AAK Ala-Archa 16.67 19 ePn Pn
comp=N, 0.3nm, 0.3s, baz=151, slow=19, SNR=4.7

AAK Ala-Archa 16.67 19 ePn Pn
comp=N, 0.3nm, 0.3s, baz=151, slow=19, SNR=4.7

AAK Ala-Archa 16.67 19 ePn Pn
comp=N, 0.3nm, 0.3s, baz=151, slow=19, SNR=4.7

AAK Ala-Archa 16.67 19 ePn Pn
comp=N, 0.3nm, 0.3s, baz=151, slow=19, SNR=4.7

AAK Ala-Archa 16.67 19 ePn Pn
comp=N, 0.3nm, 0.3s, baz=151, slow=19, SNR=4.7

AAK Ala-Archa 16.67 19 ePn Pn
comp=N, 0.3nm, 0.3s, baz=151, slow=19, SNR=4.7

AAK Ala-Archa 16.67 19 ePn Pn
comp=N, 0.3nm, 0.3s, baz=151, slow=19, SNR=4.7

AAK Ala-Archa 16.67 19 ePn Pn
comp=N, 0.3nm, 0.3s, baz=151, slow=19, SNR=4.7

AAK Ala-Archa 16.67 19 ePn Pn
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AAK Ala-Archa 16.67 19 ePn Pn
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AAK Ala-Archa 16.67 19 ePn Pn
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AAK Ala-Archa 16.67 19 ePn Pn
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AAK Ala-Archa 16.67 19 ePn Pn
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AAK Ala-Archa 16.67 19 ePn Pn
comp=N, 0.3nm, 0.3s, baz=151, slow=19, SNR=4.7

AAK Ala-Archa 16.67 19 ePn Pn
comp=N, 0.3nm, 0.3s, baz=151, slow=19, SNR=4.7

AAK Ala-Archa 16.67 19 ePn Pn
comp=N, 0.3nm, 0.3s, baz=151, slow=19, SNR=4.7

AAK Ala-Archa 16.67 19 ePn Pn
comp=N, 0.3nm, 0.3s, baz=151, slow=19, SNR=4.7

AAK Ala-Archa 16.67 19 ePn Pn
comp=N, 0.3nm, 0.3s, baz=151, slow=19, SNR=4.7

AAK Ala-Archa 16.67 19 ePn Pn
comp=N, 0.3nm, 0.3s, baz=151, slow=19, SNR=4.7

AAK Ala-Archa 16.67 19 ePn Pn
comp=N, 0.3nm, 0.3s, baz=151, slow=19, SNR=4.7

AAK Ala-Archa 16.67 19 ePn Pn
comp=N, 0.3nm, 0.3s, baz=151, slow=19, SNR=4.7

AAK Ala-Archa 16.67 19 ePn Pn
comp=N, 0.3nm, 0.3s, baz=151, slow=19, SNR=4.7

AAK Ala-Archa 16.67 19 ePn Pn
comp=N, 0.3nm, 0.3s, baz=151, slow=19, SNR=4.7

AAK Ala-Archa 16.67 19 ePn Pn
comp=N, 0.3nm, 0.3s, baz=151, slow=19, SNR=4.7

AAK Ala-Archa 16.67 19 ePn Pn
comp=N, 0.3nm, 0.3s, baz=151, slow=19, SNR=4.7

AAK Ala-Archa 16.67 19 ePn Pn
comp=N, 0.3nm, 0.3s, baz=151, slow=19, SNR=4.7

AAK Ala-Archa 16.67 19 ePn Pn
comp=N, 0.3nm, 0.3s, baz=151, slow=19, SNR=4.7

AAK Ala-Archa 16.67 19 ePn Pn
comp=N, 0.3nm, 0.3s, baz=151, slow=19, SNR=4.7

AAK Ala-Archa 16.67 19 ePn Pn
comp=N, 0.3nm, 0.3s, baz=151, slow=19, SNR=4.7

AAK Ala-Archa 16.67 19 ePn Pn
comp=N, 0.3nm, 0.3s, baz=151, slow=19, SNR=4.7

AAK Ala-Archa 16.67 19 ePn Pn
comp=N, 0.3nm, 0.3s, baz=151, slow=19, SNR=4.7

AAK Ala-Archa 16.67 19 ePn Pn
comp=N, 0.3nm, 0.3s, baz=151, slow=19, SNR=4.7

AAK Ala-Archa 16.67 19 ePn Pn
comp=N, 0.3nm, 0.3s, baz=151, slow=19, SNR=4.7

KAHZ Kahuranaki 2.81 197 Pn P
11 12 09.5 +0.1

VRZ Vera Road 8.32 210 Pn P
11 12 12.6 +1.9

PXZ Pawanui 8.43 197 ePn Pn
11 12 10.3 -1.3

PNHZ Pukenui 8.50 200 Pn Pn
11 12 10.9 -1.6

WPHZ Waipukurau 8.57 199 Pn Pn
11 12 14.5 +1.0

PRZ Porangahau 8.71 201 Pn Pn
11 12 13.2 -1.6

PRHZ Porangahau 8.71 197 ePn Pn
11 12 15.0 0.0

WAZ Wanganui 8.77 206 ePn Pn
11 12 15.4 -0.2

DNVZ Dannevirke 8.87 200 ePn Pn
11 12 17.8 +1.0

AHWH Angora Road 8.94 198 Pn P
11 12 19.0 +1.6

POWZ Post Office Ro 9.07 201 ePn Pn
11 12 19.7 +0.7

PRZ Port Road 9.16 199 ePn Pn
11 12 20.8 +0.8

BFZ Birch Farm 9.20 198 ePn Pn
11 12 21.5 +1.0

MRZ Mangatainoka R 9.38 201 Pn Pn
11 12 20.2 -2.2

CPWZ Castlepoint 9.43 198 Pn Pn
11 12 24.9 +1.9

HOWZ Holdsworth Sta 9.61 201 ePn Pn
11 12 24.8 -0.2

OGWZ Otaki Gorge 9.65 200 ePn Pn
11 12 24.5 -1.4

TMWZ Te Maipa 9.70 198 ePn Pn
11 12 26.8 +0.6

KIW Kapiti Island 9.78 204 Pn Pn
11 12 26.1 -0.7

MTW Mount Morrison 9.86 200 ePn Pn
11 12 27.7 -0.3

CAW Cannon Point 9.94 202 ePn Pn
11 12 27.6 -1.0

TRW Traveller 10.02 199 Pn Pn
11 12 30.9 +0.9

PAWZ Papanui Farm 10.08 200 Pn Pn
11 12 31.9 +1.2

DUWZ D'Urville Isla 10.09 208 Pn Pn
11 12 29.9 -0.3

MSWZ Moikau Station 10.17 201 Pn Pn
11 12 30.9 -0.2

WEL Wellington 10.20 203 Pn Pn
11 12 31.8 -0.2

BHW Baring Head 10.28 202 Pn Pn
11 12 32.7 -0.2

FWZ Palliser 10.31 201 ePn Pn
11 12 33.6 +0.3

TCW Te Channel 10.31 202 Pn Pn
11 12 31.9 -1.0

TUWZ Tuamarina 10.62 206 Pn Pn
11 12 35.0 -1.8

NRZ Nelson 10.65 208 Pn Pn
11 12 34.6 -1.9

QNZ Quartz Range 10.70 212 Pn Pn
11 12 37.0 0.0

BSWZ Blackbirch Sta 10.89 205 Pn Pn
11 12 39.5 -0.5

KAHZ Kahurangi 11.11 206 ePn Pn
11 12 42.4 -1.4

KHZ Kahutara 11.63 205 Pn Pn
11 12 45.9 -1.3

KHZ Kahutara 11.63 205 ePn Pn
11 12 47.3 +0.1

DSZ Denniston Nort 11.76 212 Pn Pn
11 12 49.1 +0.3

LTZ Lise Taylor 11.82 212 Pn Pn
11 12 57.0 -0.7

RPZ Ratake 13.69 209 Pn Pn
11 13 10.2 +0.3

RPZ Ratake 2.1nm, 0.3s, baz=316, slow=1.2, SNR=9.7
S S
11 15 32.5 -4.7

1.0nm, 0.3s, baz=288, slow=20, SNR=5.8
DZM Charters Tower 14.86 207 ePn Pn
11 13 24.7 +1.1

ODZ Mount Dzumac 15.62 306 P P
0.4nm, 0.3s, baz=182, slow=16, SNR=4.5
P P
11 13 31.5 +0.4

AFI Afiamau 19.49 24 P P
5.3nm, 0.3s, baz=22, slow=5.4, SNR=6.0
P P
11 14 14.3 +2.5

AFI Afiamau 19.49 24 P P
P P
11 14 14.3 +2.5

ARMA Armidale 24.38 266 P P
11 14 58.3 +2.6

MGCD Mangrove Creek 24.38 259 P P
11 15 58.9 +3.0

EIDS Eidsvoll 26.27 277 P P
11 15 12.7 +0.5

RMQ Roma 27.79 273 P P
11 15 28.5 +2.2

CMSA Cobar Meteorol 29.14 262 P P
11 15 39.5 +1.4

QLP Quilpie 31.60 271 P P
11 15 59.8 +0.3

CTA Charters Tower 32.46 283 P P
12nm, 0.5s, baz=108, slow=10, SNR=27
PcP PcP
11 16 07.8 +0.8

CTA Charters Tower 32.46 283 P P
11 16 07.8 +0.8

CTA Charters Tower 32.46 283 P P
11 16 07.8 +0.8

CTA Charters Tower 32.46 283 P P
11 16 07.8 +0.8

CTA Charters Tower 32.46 283 P P
11 16 07.8 +0.8

CTA Charters Tower 32.46 283 P P
11 16 07.8 +0.8

CTA Charters Tower 32.46 283 P P
11 16 07.8 +0.8

CTA Charters Tower 32.46 283 P P
11 16 07.8 +0.8

CTA Charters Tower 32.46 283 P P
11 16 07.8 +0.8

CTA Charters Tower 32.46 283 P P
11 16 07.8 +0.8

CTA Charters Tower 32.46 283 P P
11 16 07.8 +0.8

CTA Charters Tower 32.46 283 P P
11 16 07.8 +0.8

CTA Charters Tower 32.46 283 P P
11 16 07.8 +0.8

CTA Charters Tower 32.46 283 P P
11 16 07.8 +0.8

CTA Charters Tower 32.46 283 P P
11 16 07.8 +0.8

CTA Charters Tower 32.46 283 P P
11 16 07.8 +0.8

CTA Charters Tower 32.46 283 P P
11 16 07.8 +0.8

CTA Charters Tower 32.46 283 P P
11 16 07.8 +0.8

CTA Charters Tower 32.46 283 P P
11 16 07.8 +0.8

CTA Charters Tower 32.46 283 P P
11 16 07.8 +0.8

CTA Charters Tower 32.46 283 P P
11 16 07.8 +0.8

CTA Charters Tower 32.46 283 P P
11 16 07.8 +0.8

CTA Charters Tower 32.46 283 P P
11 16 07.8 +0.8

CTA Charters Tower 32.46 283 P P
11 16 07.8 +0.8

CTA Charters Tower 32.46 283 P P
11 16 07.8 +0.8

CTA Charters Tower 32.46 283 P P
11 16 07.8 +0.8

CTA Charters Tower 32.46 283 P P
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CTA Charters Tower 32.46 283 P P
11 16 07.8 +0.8

CTA Charters Tower 32.46 283 P P
11 16 07.8 +0.8

CTA Charters Tower 32.46 283 P P
11 16 07.8 +0.8

CTA Charters Tower 32.46 283 P P
11 16 07.8 +0.8

CTA Charters Tower 32.46 283 P P
11 16 07.8 +0.8

CTA Charters Tower 32.46 283 P P
11 16 07.8 +0.8

CTA Charters Tower 32.46 283 P P
11 16 07.8 +0.8

CTA Charters Tower 32.46 283 P P
11 16 07.8 +0.8

CTA Charters Tower 32.46 283 P P
11 16 07.8 +0.8

CTA Charters Tower 32.46 283 P P
11 16 07.8 +0.8

CTA Charters Tower 32.46 283 P P
11 16 07.8 +0.8

CTA Charters Tower 32.46 283 P P
11 16 07.8 +0.8

CTA Charters Tower 32.46 283 P P
11 16 07.8 +0.8

CTA Charters Tower 32.46 283 P P
11 16 07.8 +0.8

CTA Charters Tower 32.46 283 P P
11 16 07.8 +0.8

CTA Charters Tower 32.46 283 P P
11 16 07.8 +0.8

CTA Charters Tower 32.46 283 P P
11 16 07.8 +0.8

CTA Charters Tower 32.46 283 P P
11 16 07.8 +0.8

CTA Charters Tower 32.46 283 P P
11 16 07.8 +0.8

CTA Charters Tower

SYO	baz=68	67.39 158	eP	P	16 55 30.0 -1.8
239A	Gary	64.45 338	P	P	16 55 33.4 +1.2
434A	baz=68	67.65 334	P	P	16 55 34.6 +0.6
336A	Riesel	67.66 336	P	P	16 55 34.6 +0.6
532A	baz=68	67.66 333	P	P	16 55 35.2 +1.1
335A	Moody	67.77 335	P	P	16 55 35.4 +0.7
433A	Art	67.91 334	P	P	16 55 36.2 +0.6
JCT	baz=68	67.94 333	eP	P	16 55 36.6 +0.8
JCT	comp=Z,6.0nm,0.7s	67.94 333	P	P	16 55 36.7 +1.0
JCT	baz=68	67.94 333	eP	P	16 55 36.6 +0.8
531A	Rocksprings	67.95 332	P	P	16 55 37.1 +1.2
334A	Lometa	68.11 335	P	P	16 55 37.4 +0.6
530A	J-C Ranch, Com	68.25 331	P	P	16 55 39.3 +1.5
SWET	Sewanee	68.27 346	eP	P	16 55 37.4 -0.4
333A	Richland Sprin	68.38 334	P	P	16 55 39.1 +0.6
TXAR	Lajitas Array	68.53 329	P	P	16 55 40.4 +0.9
TXAR	comp=Z,1.7nm,0.6s, baz=153, slow=8.3, SNR=8.8	68.53 329	eP	P	16 56 06.0 0.0
TX31	Lajitas Ar. Si	68.53 329	eP	P	16 55 40.0 +0.4
529A	Stev Forest Ra	68.60 331	P	P	16 55 40.9 +1.0
234A	Clairette	68.68 335	P	P	16 55 40.8 +0.5
332A	Millersview	68.72 333	P	P	16 55 41.1 +0.5
430A	Baggett Ranch,	68.77 332	P	P	16 55 41.7 +0.7
429A	Davenport Ranch	68.90 331	P	P	16 55 42.4 +0.5
331A	San Angelo	68.92 333	P	P	16 55 42.2 +0.4
233A	Rising Star	68.97 334	P	P	16 55 42.8 +0.6
232A	Coleman	69.13 334	P	P	16 55 44.2 +1.0
Z36A	Blue Ridge	69.24 337	P	P	16 55 44.5 +0.7
231A	Gronite	69.43 333	P	P	16 55 45.2 +0.1
133A	Hamilton Ranch	69.51 335	P	P	16 55 46.0 +0.5
MIAR	Mount Ida	69.52 340	P	P	16 55 45.7 +0.2
WVT	Waverly	69.54 345	eP	sP	16 55 45.4 -0.2
WVT	comp=Z,15nm,0.8s	69.54 345	eP	sP	16 55 45.4 -0.2
WVT	comp=Z,16nm,0.8s	69.54 345	eP	sP	16 56 23.7 +0.3
ABTX	Abilene, Hawle	69.79 334	eP	sP	16 55 48.0 +0.8
234A	Collier Ranch,	69.84 336	P	P	16 55 48.2 +0.7
X38A	Whitesboro	70.01 339	P	P	16 55 49.6 +1.1
Z33A	Whitaker Ranch	70.06 335	P	P	16 55 49.3 +0.4
131A	Roby	70.11 333	P	P	16 55 49.9 +0.7
130A	Snyder	70.27 333	P	P	16 55 50.9 +0.4
W38A	Poteau	70.29 339	P	P	16 55 50.9 +0.8
Y34A	Reagan Ranch,	70.31 336	P	P	16 55 50.6 +0.2
Z32A	Haskell	70.34 334	P	P	16 55 51.1 +0.6
X36A	Centrahoma	70.40 338	P	P	16 55 50.8 -0.1
228A	UT Block 9, Go	70.43 331	P	P	16 55 52.0 +0.4
Z31A	Sharp Cattle R	70.60 334	P	P	16 55 52.8 +0.6
W37A	Quinton	70.63 339	P	P	16 55 52.4 +0.2
Y33A	Hilltop Ranch,	70.66 335	P	P	16 55 52.9 +0.5
PBMO	Poplar Bluff	70.77 343	eP	P	16 55 52.9 -0.1
128A	Castleberry Fa	70.89 332	P	P	16 55 54.8 +0.8
Z30A	Sanderson Ranc	70.94 333	P	P	16 55 54.6 +0.4
V38A	Canehill	70.99 340	P	P	16 55 54.7 +0.2
Z29A	Hungry Hill Ra	71.14 333	P	P	16 55 54.4 -0.1
MNTX	Cornudas Mount	71.31 329	P	P	16 55 56.1 -0.3
MNTX	Cornudas Mount	71.31 329	eP	P	16 55 56.3 -0.1
MNTX	Jenks	71.39 338	P	P	16 55 57.0 +0.3
W33A	Caddo, Fort Co	71.64 336	P	P	16 55 59.3 +0.9
V35A	Meyer Ranch, C	71.65 338	P	P	16 55 58.5 +0.1
Y29A	Porterfield Fa	71.66 333	P	P	16 55 59.3 +0.7
U37A	Salina	71.71 339	P	P	16 55 58.8 +0.1
X31A	McDonald Ranch	71.71 335	P	P	16 55 59.5 +0.7
W32A	Sentinel	71.89 335	P	P	16 56 00.5 +0.7
MSTX	Muleshoe	72.19 332	P	P	16 56 02.5 +0.7
MSTX	Muleshoe	72.19 332	eP	P	16 56 01.9 +0.2
MSTX	Lossen Ranch,	72.19 337	P	P	16 56 28.6 +0.2
V33A	Boggs Farm, Ca	72.54 339	P	P	16 56 02.1 +0.5
T36A	Boggs Farm, Ca	72.54 339	P	P	16 56 04.0 +0.3
T35A	Sooner Creek	72.61 338	P	P	16 56 04.6 +0.5
ACSO	Alum Creakle Sta	72.64 350	eP	P	16 56 03.6 -0.6
V31A	Spring Creek L	72.68 335	P	P	16 56 06.1 +1.5
W29A	Amrallio	72.76 334	P	P	16 56 06.0 +0.9
T34A	McClaskey Farm	72.92 338	P	P	16 56 05.8 -0.1
U32A	Winter Ranch,	72.94 336	P	P	16 56 06.6 +0.6
121A	Cookes Peak, D	73.09 328	P	P	16 56 09.1 +1.9
TIC	Toumoudi	73.09 71	eP	P	16 56 06.7 -0.8
KIC	Kosan Boka	73.15 71	eP	P	16 56 07.1 -0.7
DBIC	Dimbokro	73.24 71	P	P	16 56 07.8 -0.5
DBIC	Dimbokro	73.24 71	eP	P	16 56 07.9 -0.5
DBIC	Dimbokro	73.24 71	eP	P	16 56 07.9 -0.5
T33A	Patterson Ranc	73.32 337	P	P	16 56 09.0 +0.7
R37A	Teagarden Farm	73.39 340	P	P	16 56 08.3 -0.3
R35A	Emporia Manici	73.80 339	P	P	16 56 12.7 +1.6
ANMO	Albuquerque	74.55 330	iP	P	16 56 17.2 +2.0
ANMO	Albuquerque	74.55 330	iP	P	16 56 17.2 +2.0
T28A	Wales	74.71 334	P	P	16 56 17.2 +0.7
R31A	Burdett	74.84 337	P	P	16 56 18.0 +0.8

MAW	Mawson	74.87 163	P	P	16 56 17.5 +0.6
MAW	comp=Z,6.8nm,0.8s, baz=219, slow=6.7, SNR=14	74.87 163	P	P	16 56 17.5 +0.6
S28A	Mante	75.04 335	P	P	16 56 19.4 +1.0
T25A	Trinidad	75.60 333	P	P	16 56 23.3 +1.5
T25A	Trinidad	75.60 333	eP	P	16 56 22.6 +0.9
S26A	Kim	75.66 333	P	P	16 56 23.0 +1.0
R26A	Arlington	76.25 334	P	P	16 56 26.8 +1.5
SCIA	State Center	76.31 343	eP	P	16 56 53.5 +1.2
SDCO	Great Sand Dun	76.56 332	eP	P	16 56 28.6 +1.4
SDCO	Great Sand Dun	76.56 332	eP	P	16 56 28.6 +1.4
COA	Coachella	76.93 323	eP	P	16 56 27.0 -2.1
S22A	4UR Ranch, Cre	77.09 331	eP	P	16 56 31.5 +1.2
S22A	4UR Ranch, Cre	77.09 331	eP	P	16 56 31.6 +1.2
WUAZ	Wupatki	77.22 327	P	P	16 56 32.0 +1.2
Y12C	Blythe	77.33 324	P	P	16 56 33.3 +2.0
MVCO	Mesa Verde	77.34 330	P	P	16 56 33.2 +1.6
BC3	Big Chuckawall	77.72 323	P	P	16 56 35.2 +1.5
O26A	Horse Wrangler	77.90 335	P	P	16 56 35.4 +0.9
IRM	Iron Mountain	77.97 323	P	P	16 56 36.3 +1.4
N27A	Anderson Farm,	78.12 336	P	P	16 56 37.2 +1.5
PV01	Paradox Valley	78.15 330	eP	P	16 56 37.4 +1.3
TSUM	Tsumeb	78.53 105	eP	P	16 56 38.7 +0.1
GMRC	Grate Mounta	78.71 323	P	P	16 56 41.1 +2.0
ECSD	EROS Data Cent	78.92 341	P	P	16 56 40.4 +0.6
ECSD	EROS Data Cent	78.92 341	eP	P	16 56 39.8 -0.1
ECSD	EROS Data Cent	78.92 341	eP	P	16 56 40.4 +0.6
KNB	Kanab	79.12 327	eP	P	16 56 43.4 +2.1
KNB	comp=Z,30nm,1.9s	79.12 327	eP	P	16 56 43.4 +2.1
KNB	comp=Z,30nm,1.9s	79.12 327	eP	P	16 56 43.4 +2.1
TUQ	Turquoise Moun	79.36 324	P	P	16 56 44.4 +1.7
H34A	Spellman Lake,	79.56 344	P	P	16 56 43.8 +0.5
GSC	Goldstone	79.71 323	P	P	16 56 46.5 +2.0
SRU	San Rafael	79.80 329	eP	P	16 56 46.0 +1.0
SRU	San Rafael	79.80 329	eP	P	16 57 12.6 +0.5
SRU	San Rafael	79.80 329	eP	P	16 56 45.7 -0.2
BOSA	Boshof	79.90 117	eP	P	16 56 45.7 -0.2
BOSA	comp=Z,19nm,0.8s, baz=248, slow=5.6, SNR=22	79.90 117	eP	P	16 56 45.7 -0.2
BOSA	comp=Z,21nm,18.4s, baz=178, slow=5.4	79.90 117	eP	P	16 56 45.7 -0.2
BOSA	Boshof	79.90 117	eP	P	16 56 45.7 -0.2
BOSA	Boshof	79.90 117	eP	P	16 56 45.7 -0.2
BOSA	comp=Z,31nm,1.0s	79.90 117	eP	P	16 56 45.7 -0.2
EDW2	Edwards Air Fo	79.99 322	P	P	16 56 47.4 +1.4
P18A	Preston Nutter	80.11 330	eP	P	16 56 47.8 +1.0
P18A	Preston Nutter	80.11 330	eP	P	16 57 14.9 +1.0
TPNV	Topogh Spring	80.71 324	P	P	16 56 51.4 +1.5
ISA	Isabella	80.85 322	P	P	16 56 52.2 +1.7
BAK0	Calstate	80.94 322	eP	P	16 56 52.5 +1.6
H27A	Howes	81.37 338	P	P	16 56 53.8 +0.8
I25A	Rocheford	81.38 336	P	P	16 56 54.7 +1.4
D35A	Remer	81.38 344	P	P	16 56 53.6 +0.6
R11A	Troy Canyon, C	81.49 326	P	P	16 56 55.4 +1.4
R11A	Troy Canyon, C	81.49 326	eP	P	16 56 55.1 +1.0
R11A	Troy Canyon, C	81.49 326	eP	P	16 57 32.5 0.0
H25A	Fruitdale	81.86 337	P	P	16 56 56.6 +0.9
LBTB	Lobatse	82.01 114	eP	P	16 56 56.7 -0.5
LBTB	comp=Z,34nm,1.0s	82.01 114	eP	P	16 56 56.7 -0.5
LBTB	Lobatse	82.01 114	eP	P	16 56 56.7 -0.5
TOA0	Torodi Ar. Sit	82.23 69	eP	P	16 56 57.7 -0.5
TOA0	Torodi Ar. Sit	82.23 69	eP	P	16 56 57.7 -0.5
TORD	Torodi Ar. Bea	82.23 69	P	P	16 56 57.8 -0.4
TORD	comp=Z,13nm,0.9s, baz=280, slow=6.3, SNR=77	82.23 69	P	P	16 57 27.1 +1.7
TORD	comp=Z,4.1nm,0.7s, baz=254, slow=6.0, SNR=3.9	82.23 69	P	P	17 33 44.7
G25A	Newell	82.31 337	P	P	16 56 58.6 +0.6
NV01	Mina Array Sit	82.89 324	eP	P	16 57 02.5 +1.1
NV01	Mina Array Sit	82.89 324	eP	P	16 57 28.4 -0.2
NVAR	Mina Array Bea	82.89 324	P	P	16 57 02.8 +1.4
NVAR	comp=Z,1.6nm,0.7s, baz=157, slow=6.0, SNR=12	82.89 324	P	P	16 57 29.1 +0.5
HVU	Hansel Valley	82.97 330	eP	P	16 57 02.3 +0.7
HVU	comp=Z,26nm,2.2s	82.97 330	eP	P	16 57 02.3 +0.7
HVU	Hansel Valley	82.97 330	eP	P	16 57 02.3 +0.7
H19A	Meeteetse	83.30 333	P	P	16 57 04.8 +1.5
IMW	Indian Meadow	83.95 332	eP	P	16 57 07.2 +0.5
HLID	Hailey	85.12 330	P	P	16 57 13.7 +1.1
HLID	Hailey	85.12 330	eP	P	16 57 40.8 +0.9
MCMT	McKenzie Canyo	85.49 331	eP	P	16 57 15.5 +1.0
SCHO	Schefferville	86.37 2	P	P	16 57 16.2 -0.0
MOD	Modoc	86.53 325	eP	P	16 57 20.1 +0.6
J08A	Circ Bar Ran	86.78 327	eP	P	16 57 21.9 +1.3
J08A	Circ Bar Ran	86.78 327	eP	P	16 57 21.9 +1.3
J07A	Izeze	87.81 327	eP	P	16 57 26.6 -0.1
PINOR	Pine Mountain	88.24 326	eP	P	16 57 29.4 +2.0
LSZ	Lusaka	89.22 107	eP	P	16 57 33.7 +0.8
LSZ	comp=Z,15nm,1.3s	89.22 107	eP	P	16 57 33.7 +0.8
LSZ	Lusaka	89.22 107	eP	P	16 57 33.7 +0.8
CO9A	Chrisman Ranch	90.13 330	eP	P	16 57 36.8 +0.5
CO9A	Chrisman Ranch	90.13 330	eP	P	16 58 02.7 -1.1
OSBR	Observation Ro	91.00 328	eP	P	16 57 42.3 +1.0
VYHS	Vyhne	112.66 46	eP	P	16 59 19.5 +2.0
VYHS	Vyhne	112.66 46	eP	P	16 59 19.5 +2.0
STHS	Stebnicka Huta	114.47 46	eP	P	16 59 26.5 +0.9
STHS	Stebnicka Huta	114.47 46	eP	P	16 59 26.5 +0.9
BRTR	Keski Array B	119.62 59	eP	P	16 57 23.1 -2.7
KIEV	Kiev	119.75 46	iP	P	17 03 24.9 -0.6
ASAR	Alice Springs	120.08 206	PKP	PKP	17 03 26.3 -1.0
VSU	Vasula	120.18 37	PKP	PKP	17 03 26.1 0.0
WRA	Warramunga Arr	123.28 208	PKP	PKP	17 03 32.9 -0.6
WRA	comp=Z,0.8nm,0.6s, baz=155, slow=1.8, SNR=20	123.28 208	PKP	PKP	17 03 32.9 -0.6
WRA	comp=Z,0.4nm,0.5s, baz=164, slow=1.6, SNR=11	123.28 208	PKP	PKP	17 04 02.4 +0.2
WRAB	Tennant Creek	123.29 208	PKP	PKP	17 03 34.9 +1.4
LVZ	Lovozero	124.75 26	iP	PKP	17 03 37.8 +3.1
OBN					

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RLS, Riolos of Patr, PYLOS, Drossia, Ithomi, Prodomos, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GOLH Golhisar, KORT Koruelli, KRYTH Kithira, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like I26DE FREYUNG INFRAS, I43RU DUBNA INFRAS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EARZ Earnsclough, TUZ Tuapeka, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BSO1 Boso 1, BSO3 Boso 3, JODJ Odawara 2, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like U65B Hualae0, LNV Longovilo, U73B San Pedro, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KSCPR CHUPUNGYEONG4.03 303, KSDAG Daegu, KSTBA Taebaek, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BUTP Butuan, MSLP Maasin, PLP Palo, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KSCCH Chuncheon, KSCIN Icheon, YUK Yuzh-Kuril'sk, etc.

NEIC 13 17:38:38.0, 43.625S:172.37E, h4km, ML3.9(WEL), After WEL. NEIC Felt in the Christchurch area.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Mesa Verde, Idaho Springs, Ostrava-Krasne, etc.

PRE 13 17:47:21.9±1.4, 2.6/46S, 27.46E, h2km, ML2.3, South Africa

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

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

NEIC 13 17:47:41.6, 63.15N, 143.22W, h1km, ML2.5(AEIC), After AEIC

PGC 13 17:47:42.3±0.1, 63.12N, 143.19W, h5km, ML2.9/2, 213km Wsw of Dawson, Yt Central Alaska

ISC 13 17:47:40.9±1.6, 33.15N, 103.343W, h0.02, h4km±11km, n39, r1524/57, Central Alaska

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Mentasta, Dot Lake, Beaver Creek A, etc.

WEL 13 17:49:01.1±0.1, 43.58S, 172.40E, h9km, ML3.6/14, 1C-3D, Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Canterbury Las, Oxford, Rata Peaks, etc.

ISC 13 17:59:39.6±1.6, 29.23N, 0.07, 143.0E, 0.3, h33km, Korea Array

ISC 13 17:59:41.5±1.9, 29.23N, 0.08, 143.0E, 0.3, h35km, n8, r1517/9, mb3.9S, Southeast of Honshu

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

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

WEL 13 18:21:39.9±0.1, 43.55S, 172.30E, h7km, ML3.6/15, 1C-4D, Island

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

AUST 13 18:31:45.8±0.4, 6.82S, 129.37E, h183km, 5km, Error ellipse: s-maj=5.5km s-min=4.1km az=82.0

ISC 13 18:31:46.8±1.6, 6.77S, 129.41E, h192km, 15km, mb4.1/13, mb1.4/3/4, mb1mx4.1/24, mbtmp4.7/14, MS3.5/1, Ms1.3.5/1, ms1mx2.6/39, Error ellipse: s-maj=17.3km

ISC, JB 13 18:31:46.1±0.2, 6.84S, 0.03, 129.47E, 0.04, h200km, s-maj=9.2km s-min=8.7km az=166.2

NEIC 13 18:31:47.1±0.6, 6.80S, 129.46E, h196km, 6km, mb4.7/23, Error ellipse: s-maj=7.3km s-min=5.6km az=72.0

BUI 13 18:31:48.6±1.6, 6.16S, 129.47E, h191km, mb4.5/11, mb4.6/6, DJA 13 18:31:48.3±0.4, 7.5±1.3°E, h193km, 15km, M4.9/23, mb5.0/23, mb5.3/18, MLV5.2/10, Mw(mb)4.7/18

ISC 13 18:31:47.1±0.3, 6.83S, 0.04, 129.45E, 0.05, h200km, n119, r1533/17, mb4.3/28, 3C-2D, Banda Sea

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

comp=Z,8.0nm,0.8s eSg Sg 18 49 02.0 -2.1

0.4nm,0.5s,baz=72,slow=6.2,SNR=6.1

comp=Z,43nm,1.2s fS Sn 19 16 30.6 -1.9

KRSC 13 18:48:03.0±1.9,50.44N;157.24E,h104km,23km,ML3.8, Kurii Islands

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

JMA 13 18:55:38.0±0.5,40.05N;137.89E,h294km,5km,M2.8, Eastern Sea of Japan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JIW Iwasaki, JOM Onohama, JANG Nango, etc.

IDC 13 18:59:05.1±1.2,13.00N;145.79E,h0km,mb3.3/5, mb1.3/6.5,mb1mx3.3/4.1,mbtmp3.3/5,Error ellipse: s-maj=30.6km s-min=21.4km az=79.0

ISCJB 13 18:59:10.1±1.1,13.00N;145.7E,h0.2,h50km,mb3.5/6, Error ellipse: s-maj=29.8km s-min=18.4km az=163.2

ISC 13 18:59:12.3±1.3,13.00N;145.8E,0.2,h50km,n7, a173/7,mb3.4/6,Mariana Islands

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

CASC 13 19:00:47.2±1.6,11.76N;87.02W,h69km,34km,MD3.8, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like COPN Copaltepe, NY14 Universidad de, LAPC Finca la Perla, etc.

ISCJB 13 19:06:59.8±0.7,45N;126.6E;0.1,h162km,5km, mb3.7/10,Error ellipse: s-maj=17.7km s-min=11.4km az=167.4

MAN 13 19:06:59.7,45N;126.6E,h152km,mb5.0,ML4.0,MS4.1, IDC 13 19:07:08.3±2.5,7.60N;126.63E,h219km,9km,mb3.4/10, mb1.3/4.1,mb1mx3.3/4.1,mbtmp3.9/10,MS2.8/1, MS1.2/8.1,ms1mx2.3/2.2,Error ellipse: s-maj=65.8km s-min=17.6km az=64.0

ISC 13 19:07:01.1±1.0,7.48N;126.6E;0.1,h155km,7km,n21,a083/26,mb3.9/10,3C-1D,Mindanao

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MATI Mati, DAV Davao City (W), DMPH Davao City-MI, etc.

WEL 13 19:11:31.9±0.1,43.58S;172.36E,h6km,ML3.7,17,3C-4D, Error ellipse: s-maj=0.4km s-min=0.4km az=90.0,South Island

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

IDC 13 19:14:01.8±0.6,32.90N;69.76E,h0km,mb4.1/20, mb1.4/2.25,mb1mx4.0/4.1,mbtmp4.1/25,ML4.0/5,MS3.6/15, MS1.3/6.15,ms1mx3.4/3.4,Error ellipse: s-maj=14.0km s-min=12.9km az=18.0

MOS 13 19:14:03.0±1.1,32.96N;69.90E,h31km,mb4.5/26,Error ellipse: s-maj=9.4km s-min=5.4km az=114.7

ISCJB 13 19:14:05.6±0.2,32.93N;69.90E;0.04,h33km, mb4.2/34,MS3.7/16,Error ellipse: s-maj=3.5km s-min=2.8km az=40.7

NNC 13 19:14:06.8±3.2,32.77N;69.89E,h56km,32km,mb4.5, mnp4.9,Error ellipse: s-maj=29.9km s-min=23.1km az=92.0

NEIC 13 19:14:07.0±2.5,32.94N;69.78E,h35km,mb4.7/7,Error ellipse: s-maj=8.5km s-min=7.9km az=130.0

BUI 13 19:14:13.2,33.40N;70.20E,h50km,mb4.3/17,mb4.5/14, ML4.7/2,MS4.0/8,MS7.3/78

TEH 13 19:14:13.8,33.20N;69.81E,h80km,ML4.7, ISC 13 19:14:07.0±0.4,32.92N;0.04;69.78E;0.04,h35km,n191, a1655/206,mb4.3/34,MS3.7/16,25C-30D,Pakistan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like THW Thamme Wali, KBL Kabul, KBL Kabul, etc.

DHRM comp=N,759nm,0.9s AML AML 19 17 20.8

DZET comp=E,11um,0.5s 6.02 353 fP Sn 19 15 34.2 +0.5

SDNR Dzhirino comp=E,67nm,0.5s fS Sn 19 16 44.3 +2.8

SDNR Sundarnagar comp=E,136nm,0.6s ex Sn 19 15 36.0 +6.3

SMLA Simla comp=N,153nm,0.5s ex Sn 19 16 48.0 +1.3

SMLA Simla comp=N,153nm,0.5s ex Sn 19 15 42.0 +1.8

SMLA Simla comp=N,153nm,0.5s ex Sn 19 16 30.5 -2.7

SMLA comp=E,510nm,0.9s AML AML 19 17 37.8

DDI Dehra Dun 7.49 107 eP Sn 19 15 55.1 +1.3

DDI New Delhi 7.61 121 eP Sn 19 17 19.4 +1.9

NDI Sufi-Kurgan 7.78 22 fP Sn 19 15 59.2 +1.3

SFK comp=N,49nm,0.8s fS Sn 19 17 27.8 +2.9

SFK Kashi 8.35 35 eP Sn 19 16 00.0 -5.6

KSH comp=N,88nm,0.7s SMN Sn 19 17 22.3 -1.7

KSH comp=N,420nm,0.8s SME Sn 19 16 22.5 +0.8

BHJ Bhuj 9.53 181 eP Sn 19 16 22.5 +0.8

BHJ Manas 9.89 12 fP Sn 19 16 26.3 -0.5

AAK Ala-Archa 10.48 19 Pn Pn 19 16 33.0 -1.9

AAK comp=Z,2.1nm,0.3s,baz=195,slow=7.1,SNR=19 Sn 19 18 31.4 +0.3

AAK comp=Z,0.6nm,0.3s,baz=162,slow=20,SNR=3.2 LR LR 19 20 53.4

AAK comp=Z,373nm,19.3s,baz=201,slow=40 ALa-Archa 10.48 19 P Pn 19 16 33.0 -1.9

AAK comp=N,1.0nm,0.3s pmax pmax 19 18 31.4

AAK comp=Z,373nm,19.3s MLR MLR 19 16 34.7 -0.1

AAK Ala-Archa 10.48 19 P Pn 19 16 37.0 -0.7

FRU Bishkek 10.70 20 i P Sn 19 18 38.0 +1.8

FRU comp=Z,45nm,2.0s smax smax 19 16 34.7 -0.1

FRU comp=N,140nm,1.8s 10.80 30 P Pn 19 16 38.1 -1.0

GEYT Alibek comp=N,0.5nm,0.3s,baz=126,slow=9.3,SNR=4.8 LR LR 19 21 25.1

GEYT comp=N,416nm,21.0s,baz=90,slow=41 LR LR 19 16 40.0 -0.3

CHMS Chumyshy 10.89 20 P Pn 19 16 42.5 -0.6

TKM2 Tokmak 2 11.08 23 fP Pn 19 16 42.5 -0.6

TKM2 Tokmak 2 11.08 23 eP Pn 19 16 42.5 -0.6

TKM2 Tokmak 2 11.08 23 ePn Pn 19 16 42.5 -0.6

TKM2 Tokmak 2 11.08 23 P Pn 19 16 42.7 -0.3

KOLN Koldanda 12.96 109 eP Pn 19 17 08.8 0.0

PDGK comp=Z,24nm,0.4s comp=Z,6.7nm,0.7s 12.97 33 fP Pn 19 17 07.9 -0.7

PDGK comp=Z,33nm,1.2s 13.69 107 eP Pn 19 17 17.5 -1.3

GKN Gorkha 14.29 106 eP Pn 19 17 25.2 -1.9

PKIN Phulchoki 14.48 107 eP Pn 19 17 28.0 -1.6

PKI Phulchoki 14.49 107 eP Pn 19 17 28.1 -1.7

IPAF Pars 14.61 263 eP Pn 19 17 37.7 +2.3

IFZF Jafreh 14.67 257 eP Pn 19 17 34.5 +2.6

IRAM Rameshah 14.75 271 eP Pn 19 17 35.6 +2.4

IKLH Kolahrood 15.27 277 eP Pn 19 17 42.1 +1.9

OTUK Ortayu 15.53 6 fP Pn 19 17 40.9 -2.3

IKAZ Kazeruni 15.63 264 eP Pn 19 17 45.7 -0.7

RAMN Ramite 15.71 107 eP Pn 19 17 43.5 -2.5

SRRP Sriramsagar 15.82 149 ePn Pn 19 17 50.5 -0.2

KLRI Killari 15.92 156 ePn Pn 19 17 50.2 +1.8

RPR Rampur 16.32 146 ePn Pn 19 17 55.7 -0.3

ODAN Odare comp=Z,18nm,0.5s 16.39 107 eP Pn 19 17 52.4 -2.2

TAPN Talejnung 16.44 105 eP Pn 19 17 52.7 -2.6

IRAZ Razeghan 16.64 284 eP Pn 19 18 00.5 +0.6

MKAR Makanchi Arr 16.91 31 eP Pn 19 17 58.4 -2.5

MKAR comp=Z,0.8nm,0.3s,baz=215,slow=11,SNR=31 LR LR 19 25 21.5

MKAR comp=Z,131nm,20.3s,baz=220,slow=40 LR LR 19 18 02.0 -0.6

MKAR Makanchi Arr 16.91 31eP pmax 19 18 02.0 -0.6

HYBB Hyderabad (bs) 17.26 151 ePn Pn 19 18 07.4 +0.8

HYBB Hyderabad (bs) 17.26 151 ePn Pn 19 18 12.3 -3.4

WMQ Urumqi 17.80 47 eP Pn 19 18 11.0 -0.9

WMQ comp=Z,28nm,1.7s PMZ 19 18 26.3 +4.7

WMQ comp=Z,160nm,3.6s PMZ 19 18 26.3 +4.7

WMQ comp=Z,370nm,8.7s LN 19 18 26.3 +4.7

WMQ comp=Z,260nm,10.5s LZ 19 18 26.3 +4.7

AB31 Akbulak array 17.99 339 P Pn 19 18 11.0 -3.1

ABKAR Akbulak array 17.99 339 ePn Pn 19 18 11.5 -2.7

NJS Nagarjunasagar 18.34 150 ePn Pn 19 18 20.9 +2.2

SRLM Srilaliam 18.58 151 ePn Pn 19 18 24.3 +2.7

PVM Pulavaram 18.83 143 ePn Pn 19 18 26.0 +1.4

KURBS Kurchatov Arra 18.92 17 P Pn 19 18 21.7 -2.9

KURK Kurchatov 19.03 17 P Pn 19 18 21.7 -2.9

KURK Kurchatov 19.03 17 P Pn 19 18 21.7 -2.9

KURK Kurchatov 19.03 17 P Pn 19 18 21.7 -2.9

IVIS Veis 19.16 281 eP Pn 19 18 27.8 +0.3

CHLP Chalanapaneta 19.17 113 ePn Pn 19 18 30.6 +1.9

RCLA Racherla 19.19 152 ePn Pn 19 18 30.4 +1.5

ADKI Addanki 19.26 149 ePn Pn 19 18 30.2 +0.4

IHRIS Heris 19.27 293 eP Pn 19 18 29.1 +0.2

AKTO Aktyubinsk comp=Z,1.5nm,1.1s 19.63 337 fP Pn 19 18 32.8 +0.4

AKTO Aktyubinsk comp=Z,1.5nm,0.3s,baz=175,slow=9.3,SNR=25 LR LR 19 18 31.0 -1.4

AKTO Aktyubinsk 19.63 337 P Pn 19 18 31.0 -1.4

AKTO Aktyubinsk comp=Z,1.85nm,20.2s,baz=146,slow=39 LR LR 19 26 45.9

AKTO Aktyubinsk 19.63 337 pmax pmax 19 18 31.0 -1.4

AKTO comp=Z,2.0nm,0.3s MLR MLR 19 18 31.0 -1.4

AKTO comp=Z,1.85nm,20.2s MLR MLR 19 18 31.0 -1.4

BVAO Borovoye Array 20.20 1 fP Pn 19 18 37.6 -1.0

BVAO Borovoye Array 20.20 1 P Pn 19 18 37.1 -1.5

BVAR comp=Z,8.0nm,0.5s,baz=178,slow=11,SNR=38 LR LR 19 27 31.4

BVAR Borovoye Array 20.20 1 P Pn 19 18 37.1 -1.5

BVAR comp=Z,8.0nm,0.5s pmax pmax 19 18 37.1 -1.5

BVAR comp=Z,255nm,18.0s,baz=202,slow=40 pmax pmax 19 18 37.1 -1.5

BRVK Borovoye 20.23 1 fP Pn 19 18 38.8 -0.1

BRVK comp=Z,1.9nm,0.7s pmax pmax 19 18 37.7 -1.2

BRVK comp=Z,1.4nm,0.6s pmax pmax 19 18 37.7 -1.2

IMRD Marand 20.38 294 eP Pn 19 18 42.8 -0.3

ISHB Shabestar 20.38 292 eP Pn 19 18 41.3 +0.4

Sivilahastasi 21.05 152 eP Pn 19 18 47.5 +0.5

DGRG David-gareji 21.23 301 P Pn 19 18 49.3 -0.6

DGRG David-gareji 21.23 301 P Pn 19 18 49.2 -0.6

GNI Gani 21.38 297 d P Pn 19 18 53.9 +2.3

GNI comp=Z,47nm,1.2s 21.38 297 eP Pn 19 18 53.3 +1.7

GNI comp=Z,34nm,0.9s 21.38 297 eP Pn 19 18 53.3 +1.7

TBLG Delisi 21.76 301 P Pn 19 18 56.3 +0.8

TBLG Delisi 21.76 301 P Pn 19 18 56.3 +0.8

ZEI Tsey 22.66 303 eP Pn 19 19 06.4 +1.0

ONI Oni 22.92 303 P Pn 19 19 09.2 +1.2

ONI Oni 22.92 303 P Pn 19 19 09.1 +1.2

ONK Naichik 23.09 305 P Pn 19 19 12.8 +3.2

NEY Neyrino 23.62 304 fP Pn 19 19 19.3 +4.3

KBZ Khabaz 23.65 305 P Pn 19 19 14.5 -0.5

KBZ comp=Z,2.3nm,0.9s,baz=163,slow=6.2,SNR=4.1 LR LR 19 31 18.0

KBZ comp=Z,81nm,18.6s,baz=105,slow=44 LR LR 19 19 14.5 -0.5

KBZ comp=Z,2.0nm,0.9s pmax pmax 19 19 14.5 -0.5

KBZ comp=Z,81nm,18.6s MLR MLR 19 19 14.5 -0.5

ZAAO Zalesovo Array 23.68 22 eP Pn 19 19 13.8 -1.5

ZALV Zalesovo Beam 23.68 22 P Pn 19 19 13.3 -1.9

ZALV comp=Z,2.7nm,0.3s,baz=223,slow=10,SNR=17 LR 19 28 56.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WMQ Urumqi, WMQ PMZ, WMQ PMZ, WMQ LN, WMQ LE, WMQ LZ, AB31 Akbulak array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VOIR 36.45 304, VOIR 36.45 304, VOIR 36.45 304, BZS Buzias, BZS Buzias, BZS Buzias, FINES FINES Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TORO Torodi Ar. Bea, TORO Torodi Ar. Bea, TORO Torodi Ar. Bea, ATH 13 20:12:21.0, ATH 13 20:12:21.0, etc.

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 Vivian Onida, Buzias, Smolence, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like Grafenberg, Molin, Ladron, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like Saint Sauveur, W36A, etc. Includes a large block of text at the bottom with coordinates and station information.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Lake Benmore, Denniston North, Otahua Downs, Fox Glacier, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Denniston North, Tophouse, Earnsclough, Quartz Range, Tuapeka, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Sufi-Kurgan, Almayashu, Uchtor, Kyzart, etc.

Table with columns: CPUP, Villa Florida, 17.64 57 ePn, Pn, 03 27 41.2 +0.3, etc. Lists various astronomical objects and their coordinates.

Table with columns: DBIC, Dimbokro, 77.51 72 P, P, 03 35 29.4 -1.6, etc. Lists astronomical objects with specific identifiers and coordinates.

Table with columns: BRG, GOPE, GO Pecny, Ondr, 116.50 46 eSP, SP, 03 53 03.2 -2.7, etc. Lists astronomical objects with various identifiers and coordinates.

ISCJB 14 03:23:55.1±0.5, 24:71N±0.003; 122:16E±0.02; h12km, 4km, Error ellipse: s-maj=5.5km s-min=3.8km az=176.0, TAP 14 03:23:55.0, 24:70N; 122:12E, h16km, jkm, ML2.6, D JMA 14:23:55.2, 24:60N; 122:14E, h12km, M2.0, ISC 14 03:23:54.8±0.9, 24:58N; 0:05±0.003; 122:16E±0.03, h16km, 8km,

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, MANU Manus Island, KDU Kakadu, WRA Warramunga Arr, PALU Palau, KNRA Kununurra, ASAR Alice Springs, FITZ Fitzroy Crossi, WRKA Warakuma, MEEK Meekeo Island, TORD Torodi Arr.

IDC 14 04:08:20.1s.4, 51.81N:175.89W, h63km, 40km, mb4.0/22, mb1 4.1/24, mb1mx3.8/64, mbtmp4.2/24, ML4.8/2, Error ellipse: s-maj=20.5km s-min=11.2km az=177.0

ISJCJB 14 04:08:22.7s.0.4, 51.84N:175.92W, h67km, 3km, mb4.4/52, Error ellipse: s-maj=10.4km s-min=3.2km az=167.2

NEIC 14 04:08:23.5s.0.3, 51.77N:175.97W, h61km, 3km, mb4.4/44, ML4.3(AEIC), Error ellipse: s-maj=7.9km s-min=2.8km az=164.0

Main table of seismic events with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GSKC Great Sitkin C, GSMY Great Sitkin M, ETKA Kagalaska Isla, GSTD Great Sitkin D, ADAG Mount Adagdak, KIRH Kanaga Island, KIKV Kanaga Island, KICM Kanaga Island, TAPL Tanaga Flats, TAFP Tanaga Falls P, TANO Tanaga North, GAEA Gareloi East, GALS Gareloi Lava P, GANE Gareloi North, CERAA Semis' Rag'd T, CEAP Semis' Anvil P, CEAP Semis' Southwe, AMKA Amchitka, AMKA Little Sitkin, LSPA Little Sitkin, LSNW Little Sitkin, LSSA Little Sitkin, NIKH Nikolski High, OKSO Okmok South, OKTU Okmok Mt. Tuli, OKVF Magazine Ridge, UNV Unalaska Valle, SMY Shemya, SPIA Saint Paul Isl, SDPT Sand Point, GAMB Gambel, OHAH Old Harbor, KDOK Kodiak Island, KDOK Kodiak Island, KDOK Kodiak Island, CNPM China Poot, BRLL Bradley Lake, PPLA Purkeypile, CAST Castle Rocks, TRF Thorofare Moun, BPAW Bear Paw Mtn, SML Sawmill, IMO4 Indian Mountai, MCK McKinley, DHY Denali Highway, KLU Klutina, CCB Clear Creek Bu, COLA College, HARP HAARP, HDA Harding Lake, ILAR Eielson Array, ILAR Eielson Array, COLD Coldfoot, SEY Seymchan, DOT Dot Lake, EGAK Eagle Mt, CRAG Craig, INK Inuvik, INK Inuvik, ASAJ Asahikawa, BBB Bella Bella, YKA Yellowknife Arr, YKA Yellowknife Arr, H1122 WAKE ISLAND Hy 35.90 209 T, H1123 WAKE ISLAND Hy 34.68 209 T, H11N1 WAKE ISLAND Hy 34.69 209 T, USRK Ussuriysk Arr, B08A Colville Reser, H11S1 WAKE ISLAND Hy 35.88 209 T, H11S2 WAKE ISLAND Hy 35.90 209 T

Main table of seismic events with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H11S3 WAKE ISLAND Hy 35.90 209 T, HAWA Hanford, EDM Edmonton, NEW Newport, NEW Newport, I07A Izeze, BSMT Bassoo Peak, JOBA Circle Bar Ran, MSO Missoula, CHMT Chamberlain Mo, HLID Hailey, MCMT McKenzie Canyo, KSRS Korea Array, KSAR Wonju Array Be, BOZ Bozeman (W), NVAR Nitinat Array, NVAR Hanse Valley, RVMT Red Lodge, DUG Dugway, DUG Boulder Array, MSU Marysville, TMUT Trail Mountain, SRU San Rafael, O20A White River Ci, PV04 Paradox Valley, PV01 Paradox Valley, PV01 Songoing Array, HHC Huo-ho-hao-te, HHC, HHC, HHC, HHC, HHC, HHC, SDCO Great Sand Dun, SPITS Spitsbergen Ar, MSTX Muleshoe, NACB Ninganchiao, YULB Yu-li, TXAR Lajitas Array, TXAR Lanzhou, LZH, LZH, LZH, ARCES ARCES Array B, ARCES, SFIN Scholer Farm, MIAR Mount Ida, KURK Kurchatov, KURB Kurchatov Arra, WMQ Urumqi, CD2 Chengdu, CD2, CD2, CD2, CD2, CD2, CD2, CD2, CD2, CD2, CD2, MKAR Makanchi Array, MKAR Makanchi Array, OXF Oxford, BVAR Borovoye Array, KMI Kunming, KMI, FINES FINES Array B, KMSC Kings Mountain, AAK Ala-Archa, HFS Hagfors, AKTO Aktyubinsk, KSH Kashi, KSH, TAPN Taping, CMAR Chiang Mai Arr, GUN Gumba, RAMM Ramite, KKN Kakani, PKIN Phulchoki, GKN Gorkha, KOLN Koldanda, MTN Mantion Dam, WRA Warramunga Arr, PSI Prapa, ASAR Alice Springs, ROSC El Rosal, ROSC El Rosal, TORD Torodi Arr, TORD Torodi Arr, TORD Torodi Arr, TORD Torodi Arr, DBIC Dimbokro

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MAW Warramunga Arr, BOSA Boshot, IDC 14 04:15:00.3s.3.7, 4.90S:151.63E, h0km, mb3.6/3, WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, MJAR Matsushiro Arr, TORD Torodi Arr.

ISJCJB 14 04:17:29.6s.0.5, 23.82N:122.68E, h16km, 5km, Error ellipse: s-maj=5.1km s-min=2.8km az=171.4

TAP 14 04:17:29.5, 23.83N:122.59E, h9km, 1km, ML3.0, D JMA 14 04:17:30.4s.0.2, 23.98N:122.63E, h25km, 5km, M2.4

ISC 14 04:17:29.4s.1.3, 23.88N:122.65E, h17km, 10km, n31, c0878/61, Taiwan region

Main table of seismic events with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JYNG Yonagunijimaku, YONG Yonaguni jima, TWD Chiawan, TWD, ENA, ENA, TWC Suao, TWC, HATJ Hateruma jima, HATJ, IRIF Irimote-Funau, IRIF, EGS, EGS, TWE Neicheng, TWE, ENTT Nioudou, ENTT, TWB1 Santiao Chiao, TWB1, EHY, EHY, WHF Hehuan Shan, WHF, WHF, JKRS Kuro-shima, TWFI Yuli, TWFI, WDT Danda, WDT, MIAR Mount Ida, KURK Kurchatov, KURB Kurchatov Arra, WMQ Urumqi, CD2 Chengdu, CD2, CD2, CD2, CD2, CD2, CD2, CD2, CD2, CD2, CD2, MKAR Makanchi Array, MKAR Makanchi Array, OXF Oxford, BVAR Borovoye Array, KMI Kunming, KMI, FINES FINES Array B, KMSC Kings Mountain, AAK Ala-Archa, HFS Hagfors, AKTO Aktyubinsk, KSH Kashi, KSH, TAPN Taping, CMAR Chiang Mai Arr, GUN Gumba, RAMM Ramite, KKN Kakani, PKIN Phulchoki, GKN Gorkha, KOLN Koldanda, MTN Mantion Dam, WRA Warramunga Arr, PSI Prapa, ASAR Alice Springs, ROSC El Rosal, ROSC El Rosal, TORD Torodi Arr, TORD Torodi Arr, TORD Torodi Arr, TORD Torodi Arr, DBIC Dimbokro

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CTA Charters Tower, MEEK Meekatharra, KSAR Wonju Array, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like TLY Talaya, WMQ Urumqi, PETK Petropavlovsk, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like SEW Seward, COLD Coldfoot, PMR Palmer, etc.

ISK 14 07:17:23.9, 39.999N-25.57E, h5km, ML3.3
ISCJB 14 07:17:24.0, 39.998N-25.54E, 0.02, h7km, 3km,
Error ellipse: s-maj=2.7km s-min=2.5km az=23.4

Table with columns: LIA, Limnos Island, 0.30 253 P, Pg, 07 17 32.2 +0.6, GEMT Gemlik, 2.82 80 ePn, Pn, 07 18 11.6 +1.0, TWG Pinlang, 17.48 349 eP, Pn, 07 37 28.9 -0.7

Table with columns: MAKRA Makrakomi, 2.82 251 ePb, Pn, 07 18 12.1 +1.4, YULB Yu-li, 17.48 349 eP, Pn, 07 37 35.9 -0.1, TPUB Ta-pu, 18.04 348 eP, Pn, 07 37 36.6 +0.1, SSSL Suanglung, 18.45 349 eP, Pn, 07 37 42.1 +0.8, SMRI Smarang, 18.88 229 eP, Pn, 07 37 48.5 +1.9, YHNB Yeheng, 19.24 351 eP, Pn, 07 37 51.3 +0.4, UGM Wanagama, 19.40 226 eP, Pn, 07 37 54.4 +1.5, MTN Mantion Dam, 19.42 160 eP, P, 07 37 52.2 +0.6, QIZ Qiongzong, 19.63 314 P, pP, 07 37 54.6 +0.6, QIZ Qiongzong, 19.63 314 pP, Sn, 07 37 52.5 -1.6, QIZ Qiongzong, 19.63 314 pP, Sn, 07 41 34.5 -0.8, QIZ 14nm,1.4s, PMZ, QIZ 440nm,9.5s, PMZ, QIZ 2um,16.6s, LZ, QIZ 3um,19.0s, LZ, QZHZ Guangzhou, 20.10 344 //P, Pn, 07 38 02.9 +1.8, QZHZ Guangzhou, 20.10 344 //P, Sn, 07 41 41.0 -1.8, QZHZ 2um,16.9s, LZ, QZHZ 3um,17.6s, LE, QZHZ 4um,18.0s, LZ, GZHZ Guangzhou, 20.52 329 P, Pn, 07 38 09.3 +3.3, GZHZ 4um,18.0s, LZ, GZHZ 4um,17.0s, LE, LEM Lembang, 20.94 234 P, P, 07 38 09.8 +1.4, LEM 41nm,0.9s,baz=64,slow=6,SNR=10, LR, LEM comp=Z,2um,18.3s,baz=37,slow=38, LR, MYKOM Kota Tinggi, 21.03 260 eP, P, 07 38 10.2 +1.0, UBPT Khong Chiam, 21.11 299 P, P, 07 38 10.1 0.0, JOW Kunigami, 21.43 9 P, P, 07 38 13.8 +0.4, CHBT CHBT, 23.09 29 P, P, 07 38 30.7 -0.4, SKNT Sakolankorn, 23.14 301 P, P, 07 38 30.2 -1.4, IPM Iph, 23.50 268 eP, P, 07 38 34.5 -0.7, FITZ Fitzroy Crossi, 23.55 177 P, P, 07 38 34.8 -0.7, FITZ 41nm,1.1s,baz=6.1,slow=8.4,SNR=26, LR, FITZ Fitzroy Crossi, 23.55 177 eP, LR, 07 50 57.6, FITZ Fitzroy Crossi, 23.55 177 eP, P, 07 38 35.3 -0.2, MNAI Manna, 23.75 246 eP, P, 07 38 38.3 +0.7, KULM Kulukang, 23.83 270 eP, P, 07 38 38.1 -0.2, KHON Khomkang, 23.87 298 P, P, 07 38 39.1 +0.5, BKNI Bangkoknang, 24.08 258 eP, P, 07 38 41.2 +0.5, NONG Nongkai, 24.35 302 P, P, 07 38 43.4 +0.4, NAYO Nakayong, 24.49 293 P, P, 07 38 44.0 -0.3, TRTT Trang, 24.83 277 P, P, 07 38 47.6 +0.2, SRIT Sangkriramar, 24.97 278 P, P, 07 38 49.3 +0.6, SURA Surathani, 25.00 280 P, P, 07 38 50.2 +1.2, KRAB Krabi, 25.44 277 P, P, 07 38 52.9 +0.8, SVLN Son Li, 25.44 310 eP, P, 07 38 52.9 -0.1, SSE Sheshan, 25.59 353 P, P, 07 38 54.3 +0.2, SSE Sheshan, 25.59 353 pP, P, 07 39 03.5 -1.7, SSE Sheshan, 25.59 353 pP, S, 07 43 23.8 +4.4, SSE Sheshan, 25.59 353 pP, S, 07 43 20.3 +2.4, GSPH General Santos, 0.63 35 //P, Pn, 07 33 50.0 -0.2, GSPH General Santos, 0.63 35 //P, S, 07 33 50.0 -0.2, CTBH Cotabato-PC H, 1.67 348 //P, Pn, 07 33 53.3 -2.2, CTBH Cotabato-PC H, 1.67 348 //P, S, 07 34 14.9 -0.9, DAV Davao City (w), 1.79 33 P, Pn, 07 33 57.2 +0.1, DAV 1um,0.3s,baz=166,slow=0.6,SNR=100, S, 07 34 23.3 +4.7, DAV 5um,0.3s,baz=247,slow=1.1,SNR=31, S, 07 33 57.1 +0.1, DAV Davao City (W), 1.79 33 ePn, Pn, 07 34 17.7 -0.9, DAV 687nm,1.1s, S, 07 34 23.3 +4.7, DAV Sangihe, 2.10 153 P, Pn, 07 34 00.9 -0.4, MATI Mati, 2.15 50 eP, Pn, 07 34 00.9 -1.1, MATI Mati, 2.15 50 eS, Pn, 07 34 28.5 +1.0, BUKP Musuan, 2.34 12 eP, Pn, 07 34 03.7 -1.0, GUPK Pagadian, 2.56 332 eP, Pn, 07 34 34.5 +2.8, ZMPH Zamboanga City, 2.86 299 //P, Pn, 07 34 12.0 +0.2, ZMPH Zamboanga City, 2.86 299 //P, S, 07 34 37.2 -7.8, CGP Cagayan de Oro, 2.87 21 //P, Pn, 07 34 13.5 +1.6, CGP Cagayan de Oro, 2.87 21 //P, S, 07 34 47.3 +2.1, BIPH Bislig, 3.14 34 //P, Pn, 07 34 20.3 +4.7, BIPH Bislig, 3.14 34 //P, S, 07 34 41.7 -1.0, MSLP Maasin, 4.54 3 eP, Pn, 07 34 32.4 -2.6, KMSI Cibinong, 5.00 187 P, Pn, 07 34 41.5 +0.2, KMSI 645nm,0.7s,9um6.0nm, S, 07 35 40.8 +2.9, GTO Gorontalo, 5.15 198 P, Pn, 07 34 41.0 -2.3, TNTI Ternate, 5.52 150 P, Pn, 07 34 49.0 +0.6, TNTI Ternate, 5.52 150 ePn, Pn, 07 34 49.0 +0.6, TNTI Ternate, 5.52 150 eS, Pn, 07 35 57.3 +3.1, PLS Palo, 5.57 4 //P, Pn, 07 34 51.9 +2.8, MRSI Marisa, 5.71 208 P, Pn, 07 34 49.1 -1.9, MYLDM Lahad Datu, 6.07 267 ePn, Pn, 07 34 54.4 -1.6, RCP Roxas, 6.22 343 //P, Pn, 07 35 05.5 +7.4, LUWI Luwuk, 6.81 195 P, Pn, 07 35 06.5 +0.3, LUWI Luwuk, 6.81 195 ePn, Pn, 07 35 06.2 -0.1, LBMI Labuha, 6.82 155 P, Pn, 07 35 09.4 +3.1, MPST Mapaga, 7.00 222 P, Pn, 07 35 06.2 -2.5, MPST 0.8nm9um134nm,0.6s, S, 07 35 05.6 -3.1, APSI Ampuna, 7.08 205 P, Pn, 07 35 10.2 +0.4, SANI Sana, 7.70 169 P, Pn, 07 35 18.4 +0.1, KKM Kota Kinabalu, 8.34 274 ePn, Pn, 07 35 26.7 -0.6, NLAI Namlea, 9.10 164 P, Pn, 07 35 37.8 +0.2, SWI 199nm,0.8s,3um, 9.23 134 P, Pn, 07 35 39.5 +0.1, KDI Kendari, 9.67 192 P, Pn, 07 35 46.1 +0.8, TTST Tarantora, 9.79 209 P, Pn, 07 35 47.0 -0.1, SPSI Sidrap Palu, 10.62 207 P, Pn, 07 35 57.5 -1.0, FAKI Fak Fak, 11.39 138 P, Pn, 07 36 09.2 +0.3, FAKI Fak Fak, 11.39 138 ePn, Pn, 07 36 09.1 +0.2, KAPI Kappang, 11.57 205 P, Pn, 07 36 12.5 +1.1, KAPI comp=Z,3um,18.2s,baz=52,slow=40, LR, LR, 07 41 15.3, KAPI Kappang, 11.57 205 ePn, Pn, 07 36 12.6 +1.2, BKSI Bulukumba, 11.70 202 P, Pn, 07 36 13.6 +0.4, SBUM Sibiu, 12.72 256 ePn, Pn, 07 36 27.7 +0.6, MMRI Maumere, 13.41 189 ePn, Pn, 07 36 51.2 +2.5, KSM Kuching, 14.82 255 ePn, Pn, 07 36 57.1 +1.4, SOEI Soe, 15.23 281 ePn, Pn, 07 37 02.2 +1.1, BATI 250nm,1.1s, 15.70 183 P, Pn, 07 37 08.6 +1.4, BATI baz=323,slow=10,SNR=21, Pn, 07 18 11.6 +1.0

Table with columns: 07 18 11.6 +1.0, 07 18 12.1 +1.4, 07 18 11.9 +1.1, 07 18 11.9 +1.1, 07 18 10.6 -0.2, 07 18 11.8 +0.7, 07 18 11.8 +0.7, 07 18 13.4 +1.2, 07 18 10.6 +0.2, 07 18 14.0 +0.5, 07 18 14.0 +0.5, 07 18 17.3 +2.0, 07 18 17.3 +2.0, 07 18 17.3 +1.5, 07 18 20.3 +0.8, 07 18 20.3 +0.8, 07 18 23.2 +1.4, 07 18 26.1 +1.6, 07 18 26.1 +1.6, 07 18 29.5 -0.1, 07 18 29.5 -0.1, 07 18 47.1 +0.1, 07 18 47.1 +0.1, 07 18 50.5 +2.8, 07 18 50.5 +2.8, 07 18 51.5 +0.2, 07 18 51.5 +0.2, 07 18 57.0 +3.5, 07 18 57.0 +3.5, 07 19 03.3 +1.2, 07 19 03.3 +1.2, MAN 14.07.33:22.5:32N;124.46E, h32km, mb5.8, ML4.8, MS5.2, MAN INTENSITY III - GENERAL SANTOS; DAVCO CITY; ISULAN SULTAN KUDARAT; KORONADAL CITY; INTENSITY II - STA CRUZ DAVAO DEL SUR; PADADA DAVAO DEL SUR; TOLONAN N. COTABATO; MAKILALA N. COTABATO; MALITA DAVAO DEL SUR. BUI 14.07.33:23.7:5.17N;124.58E, h27km, mb4.8/5.0, mb5.0/5.7, MOS 14.07.33:25.6:1.3.5:62N;124.60E, h35km, mb5.2/3.7, MS4.5/9.9, Error ellipse: s-maj=10.1km s-min=5.8km az=110.9, DJA 14.07.33:25.8:0.4.6"N;3.12"E, h10km, MS.2/2.1, mb5.3/2.1, mb5.6/2.0, MLV5.1/3.1, Mw(mb)5.1/2.0, Mw(p)6.2/3.1, ISCJB 14.07.33:27.3:0.3.5:56N;0.02;124.60E;0.02, h47km;3km, mb4.9/1.17, MS4.6/4.4, Error ellipse: s-maj=4.1km s-min=2.8km az=2.1, IDC 14.07.33:29.1:7.1.7:54N;124.74E, h62km;15km, mb4.1/2.29, mb1.4/3.1, mb1mx4.2/4.2, mbtmp4.4/3.1, MS4.5/2.7, Ms1.4.5/2.7, ms1mx3.3/4.1, Error ellipse: s-maj=14.2km s-min=9.2km az=85.0, GCMT 14.07.33:29.1:0.2.5:58N;124.58E, h25km, MW5.3/1.06, Moment Tensor Solution, s83,c131; s106,c169; Duration: 1s1 Moment tensor: Scale 10^17Nm; Mo:0.46; +/-0.2; Mo:0.47; +/-0.1; Mo:0.00; +/-0.02; Mo:0.51; +/-0.03; Mo:0.60; +/-0.1; Mo:0.84; +/-0.05; Best double couple: Mo1.22800x10^17 Np1.19x10^14.000000; s76.000000; 1,13.000000. NP2:0.269,000000; s27.200000; 1.333.000000. Principal axes: T 1,1080, Plg53.00000; Azm87.00000; N 0.2400, Plg22.00000; Azm323.00000; P -1.3490, Plg27.00000; Azm221.00000; nsta1 refers to body waves, cutoff=0.0s, nsta2 refers to surface waves, cutoff=0.0s, NEIC 14.07.33:29.1:0.6.5:64N;124.64E, h49km;6km, mb5.2/5.9, Error ellipse: s-maj=5.6km s-min=4.1km az=76.0, NEIC Felt (II PIVS) at Davao and General Santos; (II PIVS) at Makilala, Padada, Santa Cruz and Tulunan. ISC 14.07.33:28.7:0.3.5:57N;0.03;124.59E;0.04, h41km;2km, h41km;pp-P.n306,e1577/352, mb5.0/1.17, MS4.5/4.4, 13C-11D, Mindanao

IDC 14 09:39:24.1.2.7.53.52N-87.79E, h0km, mb1 3.1/2, mb1mx3.0/4.1, mtbtp3.1/2, ML2.8/2, 5C-3D, Error ellipse: s-maj=22.7km s-min=1.1km az=64.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZALV Zalesovo Beam, KURK Kurchatov, KURB Kurchatov Arra, etc.

IDC 14 09:47:17.1.1.1.96N-96.73E, h0km, mb4 1/9, mb1 4.3/10, mb1mx4.0/40, mtbtp4.2/10, ML4.1/1, MS3.4/2, MS1 3.5/2, ms1mx2.8/23, Error ellipse: s-maj=22.8km s-min=16.4km az=23.0

ISCJB 14 09:47:22.7.0.6.2.07N.0.04:96.72E:0.05, h50km, 5km, mb4.1/12, MS3.9/1, Error ellipse: s-maj=9.0km s-min=5.6km az=140.8

NEIC 14 09:47:22.2.0.5.1.95N-96.72E, h35km, mb4.1/3, Error ellipse: s-maj=11.2km s-min=7.2km az=51.0

DJA 14 09:47:23.1.0.4.2.1N.2.9.6E, h35km, 5km, M4.4/15, mb4.6/2, mb4.5/2, ML4.3/15, Mw(mB)3.7/2

ISC 14 09:47:23.9.1.1.0.209N.0.05:96.53E:0.05, h44km, 10km, n38, e+172/38, mb4.0/12, Northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SFSI Sinabang, Aceh, GSI Gunungsitoli, KCSI Kotacane, etc.

ISCJB 14 09:52:54.1.0.9.38'01N.0.04:35.68E:0.08, h10km, Error ellipse: s-maj=9.2km s-min=5.7km az=164.2

DDA 14 09:52:54.0.38'01N.35.64E, h7km, MD2.8

CSEM 14 09:52:54.3.0.7.37.98N:35.60E, h10km, MD2.8, Error ellipse: s-maj=18.8km s-min=9.0km az=70.0

AXA5 14 09:52:53.9.1.1.37.99N:0.05:35.61E:0.06, h10km, n9, e+33/15, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KOZT Kozan, KAR A Karaisali, etc.

DARE Darende-Malaty 1.59 68 ePN Pn 09 53 21.6 -0.5

ISCJB 14 09:54:33.2.0.6.39'31N.0.02:20.17E:0.04, h2km, 4km, Error ellipse: s-maj=5.1km s-min=2.6km az=163.2

THE 14 09:54:33.6.39'28N:20.17E, h0km, 1km, ML3.5/12, Error ellipse: s-maj=2.7km s-min=0.6km az=262.0

ATH 14 09:54:34.7.39'32N:20.28E, h18km, MD3.2/24

SKO 14 09:54:35.3.39'30N:20.65E, h0km, M2.5, ML3.0

CSEM 14 09:54:35.6.0.2.39'27N:20.16E, h20km, ML3.2, Error ellipse: s-maj=6.9km s-min=4.4km az=64.0

SOF 14 09:54:49.8.40'22N:21.10E, h5km, MD2.7

ISC 14 09:54:34.8.1.1.39'30N.0.02:20.26E:0.03, h3km, 6km, n123, e097/183, Greece-Albania border region

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

OHR Ohrid 1.86 12 i/Pg Sb 09 55 38.4 +0.9

KLK Kalavryta, Ach 1.93 130 ePN Sb 09 55 08.6 +0.2

AXAR Agios Charaliam 1.93 105 ePN Sb 09 55 09.0 +0.6

ISC 14 10:08:10.3.39'38N:19.98E, h10km, 1km, MD3.5/2

CSEM 14 10:08:14.3.0.4.39'28N:20.25E, h2km, ML3.0, Error ellipse: s-maj=8.9km s-min=4.7km az=85.0

THE 14 10:08:14.8.39'28N:20.22E, h0km, 3km, ML3.0/5, Error ellipse: s-maj=5.4km s-min=0.8km az=257.0

ISC 14 10:08:12.1.1.5.39'33N.0.02:20.07E:0.06, h9km, 12km, n68, e+113/100, Greece-Albania border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like XOR Xorichti, SMIA Simia, MRKA Markates, etc.

IDC 14 10:00:32.5.0.6.48.19S:31.89E, h0km, mb4.1/14, mb1 4.2/14, mb1mx4.1/28, mtbtp4.1/14, MS3.3/7, MS1 3.3/7, ms1mx3.1/27, Error ellipse: s-maj=24.3km s-min=13.8km az=77.0

ISCJB 14 10:00:33.1.0.5.48.15S:0.07:31.9E:0.2, h12km, mb4.0/15, MS3.3/7, Error ellipse: s-maj=18.7km s-min=9.4km az=170.0

NEIC 14 10:00:34.5.0.4.48.19S:31.94E, h10km, mb4.1/2, Error ellipse: s-maj=17.1km s-min=9.1km az=77.0

ISC 14 10:00:34.8.0.6.48.17S:0.09:32.0E:0.2, h12km, n32, e+90/28, mb4.1/15, MS3.3/7, i/C, South of Africa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BOSA Boshof, BOSB Boshof, SYB Syowa Base, etc.

ATH 14 10:08:10.3.39'38N:19.98E, h10km, 1km, MD3.5/2

CSEM 14 10:08:14.3.0.4.39'28N:20.25E, h2km, ML3.0, Error ellipse: s-maj=8.9km s-min=4.7km az=85.0

THE 14 10:08:14.8.39'28N:20.22E, h0km, 3km, ML3.0/5, Error ellipse: s-maj=5.4km s-min=0.8km az=257.0

ISC 14 10:08:12.1.1.5.39'33N.0.02:20.07E:0.06, h9km, 12km, n68, e+113/100, Greece-Albania border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IGT Igoumenitsa, SGD Sagiada, JAN Janina, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LK2D Lefkada island, PDD Prodomos, VLS Valsamata, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CAW Cannon Point, MTW Mount Morrison, TCW Tory Channel, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like YSM San Miguel, SNVI San Vicente, LFRS El Faro, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JYNG Yanagunijimaku, YOH Yonagunijimaku, HATJ Hateruma jima, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PFO Pinyon Flat Ob, PFO Pinyon Flat Ob, PFO Pinyon Flat Ob, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FWVZ Far West T-bar, MOVZ Moawhango, BKZ Black Stump Fm, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MBIG Mexicali, MBIG Mexicali, CPBX Cerro Prieto, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PFO Pinyon Flat Ob, PFO Pinyon Flat Ob, PFO Pinyon Flat Ob, etc.

LRMC	Laurel Mountai baz=3.9	3.93 329	P	Pn	10 53 18.0 -1.6	M02C	Callahan	11.09 329	P	Pn	10 54 56.8 -1.0	L25A	Engebretsen Ra baz=11	13.42 39	P	Pn	10 55 29.4 -0.2
BSC	Santa Cruz Isl baz=4.1	4.16 298	P	Pn	10 53 21.1 -1.6	U27A	Thompson Grove baz=11	11.09 64	P	Pn	10 54 59.3 +1.4	H19A	Powell baz=13	13.43 19	P	Pn	10 55 29.1 -0.7
ARVC	Arvin baz=4.2	4.25 316	P	Pn	10 53 23.1 -0.8	X28A	Dimmitt baz=11	11.13 74	P	Pn	10 54 59.5 +1.0	O28A	Krusinger Ran baz=13	13.46 50	P	Pn	10 55 30.5 +0.4
MPMC	Manual Prospec baz=4.3	4.35 335	P	Pn	10 53 23.9 -1.6	W28A	Vega baz=11	11.26 70	P	Pn	10 55 01.2 +1.0	G08A	Pilot Rock baz=14	13.46 349	ePn	P	10 55 35.6 -4.0
SBC	Santa Barbara baz=4.4	4.43 303	P	Pn	10 53 24.3 -2.0	329A	Wagon Wheel Ra baz=11	11.27 90	P	Pn	10 54 59.8 -0.4	BPO	Bald Peter baz=14	13.49 340	P	Pn	10 55 36.8 -3.4
ISA	Isabella baz=4.5	4.45 325	eP	Pn	10 53 25.5 -1.2	129A	Stewart Farms, baz=11	11.29 84	P	Pn	10 54 59.7 -0.8	632A	Uvalde baz=14	13.50 97	P	Pn	10 55 31.9 +1.2
ISA	Isabella baz=4.4	4.45 323	eP	Pn	10 53 25.4 -1.2	529A	Stev Forest Ra baz=11	11.30 97	P	Pn	10 55 01.9 +1.1	X32A	Elmer baz=14	13.51 76	P	Pn	10 55 30.6 -0.2
ISA	Isabella baz=4.5	4.45 323	ePn	Pn	10 53 25.5 -1.2	YBH	Yreka Blue Hor comp=Z,0.2nm,0.3s,baz=150,slow=8.3,SNR=30	11.30 30	Pn	Pn	10 55 02.2 +1.5	H20A	Greybull baz=14	13.56 23	P	Pn	10 55 31.4 -0.1
FURC	Furnace Creek, baz=4.5	4.45 343	P	Sb	10 53 26.3 +5.2	YBH	comp=Z,0.0nm,0.3s,baz=229,slow=20,SNR=3.8	11.30 30	Pn	Lg	10 58 10.2	732A	Laxson Ranch, baz=14	13.57 101	P	Pn	10 55 33.0 +1.3
DAC	Darwin (Calif) baz=4.6	4.58 335	eP	Pn	10 53 27.3 -1.3	YBH	comp=Z,2µm,18.7s,baz=299,slow=40	11.36 87	P	LR	10 59 49.8	CROR	Criterion Ridg baz=14	13.60 342	P	P	10 55 37.8 -3.3
DAC	Darwin (Calif) baz=4.6	4.58 335	ePn	Pn	10 53 27.3 -1.3	229A	Bryant Ranch, baz=11	11.36 87	P	Pn	10 55 02.6 +1.1	W32A	Sentinel baz=14	13.62 73	P	P	10 55 32.7 -0.2
WUAZ	Wupatki baz=4.6	4.64 42	ePn	Pn	10 53 28.8 -0.6	229A	Bryant Ranch, baz=11	11.36 87	P	Pn	10 55 02.6 +1.1	R30A	Dighton baz=14	13.65 59	P	Pn	10 55 33.5 +0.8
WUAZ	Wupatki baz=4.6	4.64 42	ePn	Pn	10 53 28.8 -0.6	Y28A	Channing baz=11	11.36 68	P	Pn	10 55 02.4 +0.8	H04A	Detroit Lake baz=14	13.67 338	ePn	P	10 55 37.9 -3.9
WUAZ	Wupatki baz=4.6	4.64 42	ePn	Pn	10 53 28.8 -0.6	Y28A	Channing baz=11	11.36 68	P	Pn	10 55 02.4 +0.8	VTHM	Trough baz=14	13.68 344	P	P	10 55 38.3 -3.7
PKM	Peak Mountain baz=4.7	4.74 307	ePn	Pn	10 53 29.7 -1.1	Z29A	Hungry Hill Ra baz=11	11.43 81	P	Pn	10 55 03.1 +0.7	T31A	Randall Ranch, baz=14	13.71 65	P	Pn	10 55 33.5 0.0
TPNV	Topopah Spring baz=4.8	4.88 350	eP	Pn	10 53 32.8 +0.1	429A	Davenport Ranc baz=11	11.47 94	P	Pn	10 55 03.6 +0.6	832A	Faith Ranch, C baz=14	13.71 102	P	Pn	10 55 34.8 +1.1
TPNV	Topopah Spring baz=4.8	4.88 350	eP	Pn	10 53 31.5 -1.2	N23A	Red Feather La baz=12	11.48 38	ePn	Pn	10 55 05.1 +1.8	G06A	Carlson Farm, baz=14	13.75 344	ePn	P	10 55 39.6 -3.1
TPNV	Topopah Spring baz=4.8	4.88 350	ePn	Pn	10 53 32.8 +0.1	N23A	Red Feather La baz=12	11.48 38	ePn	Pn	10 55 07.0 +3.7	OGNE	Ogallala baz=14	13.75 47	P	Pn	10 55 35.0 +0.9
TPNV	Topopah Spring baz=4.8	4.88 350	ePn	Pn	10 53 32.8 +0.1	Y29A	Porterfield Fa baz=12	11.49 78	P	Pn	10 55 04.1 +0.7	P29A	Atwood baz=14	13.75 53	P	Pn	10 55 34.4 +0.2
YES	Vestal, Richgr baz=4.9	4.91 320	P	Pn	10 53 32.1 -0.8	K05A	Summer Lake baz=12	11.50 338	P	Pn	10 55 09.1 +5.6	RLMT	Red Lodge baz=14	13.77 18	P	Pn	10 55 35.1 +0.6
CWC	Cottonwood Cre baz=4.9	4.91 332	P	Pn	10 53 32.2 -0.9	J08A	Circle Bar Ran baz=12	11.50 348	ePn	Pn	10 55 09.4 +6.0	133A	Hamilton Ranch, baz=14	13.78 84	P	Pn	10 55 34.9 +0.4
SMMC	Simmler baz=5.1	5.10 310	P	Pn	10 53 35.4 -0.2	X29A	Tulia baz=12	11.53 75	P	Pn	10 55 04.4 +0.5	K25A	Mack Ranch, Ha baz=14	13.79 37	P	Pn	10 55 34.3 -0.4
ICU	Indian Springs baz=5.1	5.11 12	ePn	Pn	10 53 36.4 +0.5	U28A	Mallet baz=12	11.54 65	P	Pn	10 55 05.0 +0.9	L26A	Underwood Far baz=14	13.82 41	P	Pn	10 55 35.7 +0.6
GRAC	Grapevine Rang baz=5.2	5.17 340	ePn	Pn	10 53 35.9 -0.7	AMTX	Amarillo baz=12	11.61 73	P	Pn	10 55 05.9 +0.9	433A	Art baz=14	13.82 91	P	Pn	10 55 35.6 +0.4
KNB	Kanab baz=5.2	5.25 21	eP	Pn	10 53 38.3 +0.5	AMTX	Amarillo baz=12	11.61 73	ePn	Pn	10 55 07.3 +2.3	233A	Rising Star baz=14	13.82 86	P	Pn	10 55 34.6 -0.6
KNB	Kanab baz=5.2	5.25 21	ePn	Pn	10 53 38.3 +0.5	W29A	Amrillo baz=12	11.68 72	P	Pn	10 55 07.2 +1.2	333A	Richland Sprin baz=14	13.83 89	P	Pn	10 55 35.4 +0.2
KNB	Kanab baz=5.2	5.25 21	ePn	Pn	10 53 38.3 +0.5	K04D	Chiloquin, OR baz=12	11.69 335	P	Pn	10 55 05.9 -0.2	CRMT	Chrome Mountai baz=14	13.87 15	ePn	Pn	10 55 32.9 -3.1
EKU	East Kanab baz=5.4	5.41 24	ePn	Pn	10 53 40.3 +0.3	Z30A	Sanderson Ranc baz=12	11.91 81	P	Pn	10 55 10.4 +1.3	CRMT	Chrome Mountai baz=14	13.87 15	ePn	Pn	10 55 32.9 -3.1
W18A	Petrified Fore baz=5.4	5.44 55	P	Pn	10 53 40.7 +0.3	FXWY	Fox Creek baz=12	11.95 15	ePn	Pn	10 55 13.5 +3.9	V32A	Arapaho baz=14	13.88 71	P	Pn	10 55 36.3 +0.3
PTRM	Twisselman Ran baz=5.4	5.45 311	ePn	Pn	10 53 41.0 +0.6	V29A	Stinnett baz=12	11.95 68	P	Pn	10 55 11.8 +2.1	Z33A	Whitaker Ranch baz=14	13.89 81	P	Pn	10 55 36.3 +0.3
PTRM	Twisselman Ran baz=5.4	5.45 311	ePn	Pn	10 53 41.0 +0.6	Z30A	Sanderson Ranc baz=12	11.91 81	P	Pn	10 55 10.4 +1.3	F10A	Beach Ranch, E baz=14	13.91 354	ePn	P	10 55 41.9 -2.6
PTRM	Twisselman Ran baz=5.4	5.45 311	ePn	Pn	10 53 41.0 +0.6	V29A	Stinnett baz=12	11.95 68	P	Pn	10 55 11.8 +2.1	N28A	Pribrbeno Ranch, baz=14	13.91 48	P	Pn	10 55 35.6 -0.7
PTRM	Twisselman Ran baz=5.4	5.45 311	ePn	Pn	10 53 41.0 +0.6	Z30A	Sanderson Ranc baz=12	11.91 81	P	Pn	10 55 10.4 +1.3	G05D	Walmic, OR baz=14, SNR=16	13.93 342	P	Pn	10 55 36.8 +0.3
PTRM	Twisselman Ran baz=5.4	5.45 311	ePn	Pn	10 53 41.0 +0.6	130A	J-C Ranch, Com baz=12	12.04 96	P	Pn	10 55 11.0 +0.2	Q30A	Quinter baz=14	13.97 57	P	Pn	10 55 36.2 -0.9
PTRM	Twisselman Ran baz=5.4	5.45 311	ePn	Pn	10 53 41.0 +0.6	530A	Snyder baz=12	12.05 84	P	Pn	10 55 11.9 +1.0	533A	Kerrville baz=14	14.00 94	P	Pn	10 55 38.2 +0.6
PTRM	Twisselman Ran baz=5.4	5.45 311	ePn	Pn	10 53 41.0 +0.6	J05D	Fort Rock, OR baz=12, SNR=84	12.11 339	P	Pn	10 55 12.5 +0.7	S31A	Mullinville baz=14	14.01 63	P	Pn	10 55 35.7 -1.9
PTRM	Twisselman Ran baz=5.4	5.45 311	ePn	Pn	10 53 41.0 +0.6	P26A	Davis Ranch, A baz=12	12.13 49	P	Pn	10 55 13.2 +1.1	Y33A	Hilltop Ranch, baz=14	14.03 78	P	Pn	10 55 37.8 -0.1
PTRM	Twisselman Ran baz=5.4	5.45 311	ePn	Pn	10 53 41.0 +0.6	Y30A	Stafford Cattl baz=12	12.13 78	P	Pn	10 55 13.5 +1.4	633A	Saathoff Ranch baz=14	14.03 97	P	Pn	10 55 38.6 +0.7
PTRM	Twisselman Ran baz=5.4	5.45 311	ePn	Pn	10 53 41.0 +0.6	X30A	Coker Ranch, T baz=12	12.21 75	P	Pn	10 55 12.6 -0.5	U32A	Winter Ranch, baz=14	14.05 68	P	Pn	10 55 38.6 +0.4
PTRM	Twisselman Ran baz=5.4	5.45 311	ePn	Pn	10 53 41.0 +0.6	BBOR	Butler Butte baz=12	12.26 333	P	Pn	10 55 19.3 +5.4	O29A	40 Ranch, Culb baz=14	14.10 52	P	Pn	10 55 38.9 0.0
PTRM	Twisselman Ran baz=5.4	5.45 311	ePn	Pn	10 53 41.0 +0.6	U29A	Oasis Ranch, S baz=12	12.30 66	P	Pn	10 55 15.0 +0.7	733A	Divot King Ran baz=14	14.14 100	P	Pn	10 55 39.8 +0.3
PTRM	Twisselman Ran baz=5.4	5.45 311	ePn	Pn	10 53 41.0 +0.6	KSCO	Kaye Sheddock baz=12	12.32 53	P	Pn	10 55 16.0 +1.3	X33A	Lawton baz=14	14.17 76	P	Pn	10 55 39.8 -0.1
PTRM	Twisselman Ran baz=5.4	5.45 311	ePn	Pn	10 53 41.0 +0.6	J04D	Umpqua Nationa baz=12, SNR=22	12.36 336	P	Pn	10 55 17.2 +1.9	833A	Chaparral WMA, baz=14	14.18 101	P	Pn	10 55 40.4 +0.4
PTRM	Twisselman Ran baz=5.4	5.45 311	ePn	Pn	10 53 41.0 +0.6	I07A	Izee baz=12	12.40 345	ePn	Pn	10 55 21.7 +6.0	P30A	Selden baz=14	14.20 54	P	Pn	10 55 39.5 -0.7
PTRM	Twisselman Ran baz=5.4	5.45 311	ePn	Pn	10 53 41.0 +0.6	T29A	Hugoton baz=12	12.50 63	P	Pn	10 55 17.8 +0.8	R31A	Burdett baz=14	14.20 60	P	Pn	10 55 40.7 +0.4
PTRM	Twisselman Ran baz=5.4	5.45 311	ePn	Pn	10 53 41.0 +0.6	131A	Roby baz=12	12.53 84	P	Pn	10 55 17.8 +0.3	K26A	Motz Farm, Whi baz=14	14.21 39	P	Pn	10 55 41.0 +0.5
PTRM	Twisselman Ran baz=5.4	5.45 311	ePn	Pn	10 53 41.0 +0.6	O26A	Horse Wrangler baz=12	12.55 47	P	Pn	10 55 18.3 +0.5	CBK5	Cedar Bluff baz=14	14.25 58	P	Pn	10 55 40.4 -0.5
PTRM	Twisselman Ran baz=5.4	5.45 311	ePn	Pn	10 53 41.0 +0.6	431A	Sonora baz=12	12.55 93	P	Pn	10 55 18.7 +0.9	W33A	Caddo, Fort Co baz=14	14.26 73	P	Pn	10 55 41.8 +0.6
PTRM	Twisselman Ran baz=5.4	5.45 311	ePn	Pn	10 53 41.0 +0.6	K22A	Casper baz=12	12.55 31	P	Pn	10 55 17.8 0.0	T32A	Haddler Ranch, baz=14	14.31 65	P	Pn	10 55 41.5 -0.2
PTRM	Twisselman Ran baz=5.4	5.45 311	ePn	Pn	10 53 41.0 +0.6	W30A	Crockett Farms baz=12	12.56 72	P	Pn	10 55 18.0 +0.1	J25A	Sunshine Ranch baz=14	14.39 35	P	Pn	10 55 43.7 +0.8
PTRM	Twisselman Ran baz=5.4	5.45 311	ePn	Pn	10 53 41.0 +0.6	R28A	Tribune baz=12	12.57 57	P	Pn	10 55 19.1 +1.0	M28A	Bar X Bar Ranch baz=14	14.42 46	P	Pn	10 55 43.2 -0.1
PTRM	Twisselman Ran baz=5.4	5.45 311	ePn	Pn	10 53 41.0 +0.6	V30A	Spur Ranch, Mi baz=13	12.58 69	P	Pn	10 55 19.1 +0.9	S32A	Newby Ranch, P baz=14	14.45 63	P	Pn	10 55 44.0 +0.3
PTRM	Twisselman Ran baz=5.4	5.45 311	ePn	Pn	10 53 41.0 +0.6	331A	San Angelo baz=13	12.61 90	P	Pn	10 55 19.5 +0.9	334A	Lometa baz=14	14.46 89	P	Pn	10 55 44.7 +0.8
PTRM	Twisselman Ran baz=5.4	5.45 311	ePn	Pn	10 53 41.0 +0.6	P27A	Ficken Ranch, baz=13	12.63 51	P	Pn	10 55 19.7 +0.8	234A	Clairette baz=14	14.47 86	P	Pn	10 55 44.2 +0.2
PTRM	Twisselman Ran baz=5.4	5.45 311	ePn	Pn	10 53 41.0 +0.6	231A	Bronte baz=13	12.63 87	P	Pn	10 55 19.2 +0.3	134A	White-Moore Pa baz=13	14.48 84	P	Pn	10 55 44.5 +0.4
PTRM	Twisselman Ran baz=5.4	5.45 311	ePn	Pn	10 53 41.0 +0.6	Y31A	Rekieta Farm, baz=13	12.67 78	P	Pn	10 55 20.8 +1.5	G03D	McMinnville, O baz=14	14.49 337	P	Pn	10 55 42.2 -1.9
PTRM	Twisselman Ran baz=5.4	5.45 311	ePn	Pn	10 53 41.0 +0.6	531A	Rocksprings baz=13	12.71 95	P	Pn	10 55 20.9 +0.9	534A	Blanco baz=14	14.49 94	P	Pn	10 55 44.4 +0.2
PTRM	Twisselman Ran baz=5.4	5.45 311	ePn	Pn	10 53 41.0 +0.6	Z31A	Sharp Cattle R baz=13	12.73 81	P	Pn	10 55 21.1 +0.8	V33A	Lossen Ranch, baz=14	14.51 71	P	Pn	10 55 45.1 +0.6
PTRM	Twisselman Ran baz=5.4	5.45 311	ePn	Pn	10 53 41.0 +0.6	H17A	Grant Village baz=13	12.77 15	P	Pn	10 55 21.7 +0.8	434A	Burnet baz=14	14.51 91	P	Pn	10 55 45.1 +0.5
PTRM	Twisselman Ran baz=5.4	5.45 311	ePn	Pn	10 53 41.0 +0.6	S29A	Ulysses baz=13	12.79 61	P	Pn							

Z35A	Perchaven, San	15.15	81	P	Pn	10 55 52.3	-0.9	377A	Port Lavaca	16.52	97	P	Pn	10 56 11.2	+0.3	I32A	Karley and Nic	18.28	44	P	Pn	10 56 32.8	0.0
934A	Benavides	15.16	103	P	Pn	10 55 53.3	0.0	TUL1	Tulsa	16.52	72	P	Pn	10 56 10.2	-0.7	DGMT	Dagmar	18.32	24	P	P	10 56 33.9	+0.6
Q32A	Meitler Ranch,	15.16	59	P	Pn	10 55 53.4	+0.1	Z37A	Peque Cattle C	16.52	81	P	Pn	10 56 10.3	-0.6	K34A	Le Mars	18.43	50	P	P	10 56 34.5	-0.1
D08A	Willman Farm,	15.18	350	ePn	P	10 55 56.7	-1.8	P34A	Walnut Farm, R	16.62	58	P	Pn	10 56 11.8	-0.3	B25A	Knox Farm, Ray	18.52	26	P	P	10 56 35.8	+0.3
F04D	comp=Z,26nm,1.1s Rainier, OR	15.18	339	P	Pn	10 55 52.4	-1.1	KSU1	Kansas State U	16.62	60	P	Pn	10 56 11.4	-0.8	L35A	Bielow Farm, R	18.53	52	P	P	10 56 34.7	-1.0
F03A	Seaside	15.22	337	ePn	Pn	10 55 56.3	+2.3	U36A	Oologah	16.64	70	P	Pn	10 56 12.6	+0.2	F30A	Leola	18.53	38	P	P	10 56 34.1	-1.6
U34A	Anderson Ranch	15.22	69	P	Pn	10 55 53.9	-0.2	N33A	J Bar K, Exete	16.64	54	P	Pn	10 56 12.2	-0.3	C26A	Wahner Farm, P	18.57	29	P	P	10 56 35.9	-0.2
J27A	Elkhorn Farm,	15.22	39	P	Pn	10 55 54.1	0.0	T36A	Boggs Farm, Ca	16.64	68	P	Pn	10 56 12.5	0.0	H32A	Carlson Farm,	18.57	43	P	P	10 56 36.3	+0.2
K28A	Ten Mile Ranch	15.22	42	P	Pn	10 55 53.3	-0.8	J30A	Dallas	16.68	44	P	Pn	10 56 12.7	-0.2	ECS2	EROS Data Cent	18.64	46	P	P	10 56 36.7	-0.1
034A	Hebronville	15.23	105	P	Pn	10 55 54.1	-0.1	R35A	Emporia Munici	16.70	63	P	Pn	10 56 12.5	-0.6	E29A	Napoleon	18.73	35	P	P	10 56 37.9	+0.1
635A	Leesville	15.23	96	P	Pn	10 55 54.4	+0.1	H28A	Mission Ridge	16.71	37	P	Pn	10 56 13.3	0.0	C27A	Saylor Ranch,	18.73	30	P	Pn	10 56 38.4	+0.2
535A	Dale	15.25	93	P	Pn	10 55 54.3	-0.2	K31A	O'Neill	16.72	47	P	Pn	10 56 12.3	-1.1	D28A	Regan	18.74	32	P	P	10 56 38.2	+0.3
I26A	New Underwood	15.32	36	P	Pn	10 55 56.6	+1.1	W37A	Quinton	16.74	74	P	Pn	10 56 12.4	-1.3	J34A	George	18.81	48	P	P	10 56 38.7	-0.1
Y35A	Marietta	15.34	78	P	Pn	10 55 54.7	-1.0	X37A	Clayton	16.75	76	P	Pn	10 56 13.7	-0.1	B26A	Jensen Ranch,	18.96	27	P	P	10 56 39.9	-0.5
735A	Kenedy	15.35	98	P	Pn	10 55 55.6	-0.1	G27A	Dupree	16.76	34	P	Pn	10 56 13.0	-1.0	K35A	Storm Lake	19.01	51	P	P	10 56 40.7	-0.3
L29A	Maesberg Ranch	15.35	46	P	Pn	10 55 53.5	-2.3	F26A	Lodgepole	16.78	32	P	Pn	10 56 13.2	-1.0	E30A	Jud	19.04	36	P	P	10 56 41.3	0.0
R33A	Olander Ranch,	15.35	62	P	Pn	10 55 55.6	-0.3	L32A	Elgin	16.86	49	P	Pn	10 56 15.3	0.0	H33A	Prehn Over Nor	19.08	44	P	P	10 56 42.2	+0.4
P32A	Hutting Farm,	15.38	56	P	Pn	10 55 56.1	-0.1	438A	Sam Houston St	16.89	89	P	Pn	10 56 16.5	+0.8	A25A	Svangstau Ranch	19.09	25	P	Pn	10 56 43.0	+0.3
H25A	Fruitdale	15.41	33	P	Pn	10 55 56.4	-0.2	338A	Crockett	16.94	87	P	Pn	10 56 17.0	+0.8	C28A	Hausauer Farms	19.21	32	P	Pn	10 56 44.2	+0.1
X35A	Drake	15.42	77	P	Pn	10 55 55.4	-1.2	B05A	Bryant	16.94	344	P	Pn	10 56 14.8	-1.3	I34A	Hadley	19.26	46	P	P	10 56 43.5	-0.1
M30A	Dale-Ortello V	15.43	48	P	Pn	10 55 55.5	-0.4	034A	Beaice	16.95	57	P	Pn	10 56 15.9	-0.4	B27A	Peters Farms,	19.37	29	P	P	10 56 44.0	-0.9
OD2	Odessa Site #2	15.47	351	P	P	10 56 00.0	-1.8	Q35A	Mercer Eighty,	16.97	61	P	Pn	10 56 16.0	-0.6	A26A	Wade Farm, Ken	19.46	27	P	P	10 56 45.9	+0.1
835A	Beeville	15.50	100	P	P	10 55 58.8	+1.1	E25A	Miller Ranch,	16.98	29	P	Pn	10 56 16.8	+0.1	D30A	Buchanan	19.54	35	P	P	10 56 46.8	+0.2
W35A	Tecumseh	15.56	74	P	Pn	10 55 58.2	-0.3	538A	Harpers Horsesp	16.98	91	P	Pn	10 56 17.7	+1.0	H34A	Shepman Lake,	19.65	45	P	P	10 56 46.9	-1.0
T34A	McClaskey Farm	15.61	67	P	Pn	10 55 59.2	0.0	138A	Matatall Enter	17.00	83	P	Pn	10 56 17.5	+0.5	MDND	Maddock	19.67	33	P	P	10 56 48.7	+0.6
336A	Riesel	15.63	88	P	Pn	10 55 59.2	-0.3	S36A	Lake Cedric, C	17.01	65	P	Pn	10 56 16.8	-0.2	I35A	Creekview Farm	19.71	48	P	Pn	10 56 49.8	-0.3
V35A	Meyer Ranch, C	15.66	72	P	Pn	10 55 59.2	-0.7	238A	Jacksonville	17.02	85	P	Pn	10 56 17.8	+0.6	B28A	Dugan Ranch, T	19.78	30	P	Pn	10 56 50.5	-0.9
N31A	Bailey Ranch,	15.66	52	P	Pn	10 55 58.5	-1.5	G28A	Parade	17.04	37	P	Pn	10 56 17.3	-0.1	A27A	LeDoux Ranch,	19.82	28	P	Pn	10 56 50.9	-0.4
536A	Bastrop	15.67	93	P	Pn	10 55 59.6	-0.4	B06A	Marblemount	17.04	346	ePn	P	10 56 22.9	+3.7	D31A	McClafin, Tow	20.01	37	P	P	10 56 52.3	+0.5
LTY	Liberty	15.67	346	ePn	P	10 56 03.6	-0.5	V37A	Hubert	17.05	72	P	Pn	10 56 17.5	0.0	F33A	5 Mile Ranch,	20.02	41	P	P	10 56 52.5	+0.6
Q33A	Connelly Farm,	15.69	59	P	Pn	10 56 00.2	-0.1	Z38A	Mt. Pleasant	17.06	81	P	Pn	10 56 17.4	-0.3	E32A	Braaten, Kindr	20.05	39	P	P	10 56 51.6	-0.7
L30A	Spencer Herefo	15.75	47	P	Pn	10 56 01.0	0.0	I30A	Oacoma	17.08	42	P	Pn	10 56 18.1	+0.2	C30A	Mose, Pekin	20.09	34	P	P	10 56 52.5	-0.1
035A	Encino	15.75	105	P	Pn	10 56 02.4	+1.4	F27A	Leimmon	17.09	33	P	Pn	10 56 18.1	+0.1	A28A	Rude Farm, Bot	20.18	30	P	P	10 56 53.3	-0.3
J28A	Allard Ranch,	15.75	40	P	Pn	10 56 01.6	+0.6	H29A	Onida	17.10	39	P	Pn	10 56 18.2	0.0	B29A	Wagenman Farm,	20.23	32	P	P	10 56 54.3	0.0
I27A	Quinn	15.76	37	P	Pn	10 56 01.6	+0.5	J31A	Geddes	17.10	45	P	Pn	10 56 17.6	-0.6	D32A	Dogwood Acres,	20.43	38	P	P	10 56 55.7	-0.7
E03A	Lebam	15.77	338	ePn	P	10 56 05.3	+0.4	U37A	Salina	17.14	70	P	Pn	10 56 18.2	-0.4	C31A	Landman Farms,	20.51	35	P	P	10 56 57.0	-0.3
436A	Wall Ranch, Ga	15.77	90	P	Pn	10 56 02.5	+1.3	M33A	Taylor Creek F	17.19	52	P	Pn	10 56 18.9	-0.4	E33A	Westby DABS, E	20.57	40	P	P	10 56 57.4	-0.6
136A	Ennis	15.79	84	P	Pn	10 56 01.4	-0.2	P35A	Duane Minner,	17.20	59	P	Pn	10 56 19.3	-0.1	A29A	Manning Farm,	20.63	31	P	P	10 56 58.7	+0.1
H26A	Fairpoint	15.80	34	P	Pn	10 56 01.9	+0.3	X38A	Whitesboro	17.20	76	P	Pn	10 56 19.1	-0.4	B30A	Myrvik Farm, E	20.69	33	P	P	10 56 58.0	-1.2
636A	Smothers Creek	15.81	95	P	Pn	10 56 03.0	+1.2	K32A	Verdigre	17.22	48	P	Pn	10 56 19.0	-0.7	VBMS	Vicksburg	20.89	83	P	P	10 57 01.1	-0.3
C09A	Christman Ranch	15.82	352	ePn	P	10 56 04.9	-0.8	R36A	Gordon, Harris	17.22	64	P	Pn	10 56 19.2	-0.5	PBMO	Poplar Bluff	20.92	70	eP	P	10 57 02.3	+0.5
236A	Katherine and	15.83	86	P	Pn	10 56 02.3	+0.2	N34A	Lincoln	17.34	55	P	Pn	10 56 20.2	-1.0	B31A	Greenbush Farm	20.99	34	P	P	10 57 02.2	-0.3
S34A	Willow Spring	15.84	64	P	Pn	10 56 01.5	-0.6	E26A	Carlson Angus	17.35	31	P	Pn	10 56 21.4	+0.1	E34A	Wadena	21.04	41	P	P	10 57 02.4	-0.6
Z36A	Blue Ridge	15.84	81	P	Pn	10 56 02.0	-0.2	T37A	Cheneyville 18	17.41	68	P	Pn	10 56 21.8	-0.3	D33A	AnnSam, Waubun	21.05	39	P	P	10 57 02.7	-0.5
U35A	Pawnee	15.84	69	P	Pn	10 56 01.8	-0.4	L33A	Hoskins	17.42	50	P	Pn	10 56 21.6	-0.6	A30A	Hoffart Farm,	21.06	32	P	P	10 57 01.5	-1.6
K29A	Lazy Trails An	15.86	44	P	Pn	10 56 01.8	-0.6	Q36A	Arnold C. Orve	17.43	62	P	Pn	10 56 22.3	-0.1	D34A	Peak Rapids	21.47	40	P	P	10 57 06.4	-0.2
032A	Brockman Farm,	15.87	55	P	Pn	10 56 01.9	-0.7	NATX	Nacogdoches	17.44	86	P	Pn	10 56 22.6	+0.2	C33A	Trail	21.48	38	P	P	10 57 08.7	+0.9
R34A	Isabella, Hill	15.90	62	P	Pn	10 56 02.3	-0.6	W38A	Poteau	17.48	75	P	Pn	10 56 22.9	+0.1	E35A	Peotou Lakes	21.50	42	P	P	10 57 06.8	-1.2
M31A	Lambtech Ranc	15.90	50	P	Pn	10 56 01.4	-1.7	439A	Center Grove,	17.49	89	P	Pn	10 56 23.0	0.0	B32A	Ashes, Strandq	21.51	36	P	P	10 57 07.5	-0.6
D05A	Enumclaw	15.91	343	ePn	P	10 56 06.5	-0.1	A04D	Lumm Island	17.51	343	P	Pn	10 56 23.7	+0.5	A31A	Linda, St. Vin	21.57	34	P	P	10 57 08.2	-0.4
G25A	Newell	15.94	32	P	Pn	10 56 03.9	+0.5	035A	Humboldt	17.54	57	P	Pn	10 56 22.9	-0.7	EBZ	Ebenezer Churc	21.71	75	eP	P	10 57 12.4	+2.1
X36A	Centrahoma	15.94	76	P	Pn	10 56 02.8	-0.7	D25A	Fairfield	17.54	28	P	Pn	10 56 24.3	+0.6	SPMN	St. Paul	21.74	47	P	P	10 57 10.5	0.0
736A	Circle Diamond	15.94	97	P	Pn	10 56 03.9	+0.5	M34A	Aspy Farms, Fr	17.57	53	P	Pn	10 56 23.7									

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GUD		Lg	Lg	12 08 56.2	
GUD	30nm,0.3s,SNR=6.0				
GUD	Guadarrama	3.41 223	∩Pn	Pn	12 08 04.2 +2.8
GUD	6.5nm,0.3s,SNR=18				
GUD	15nm,0.2s,SNR=7.9				12 08 43.7 +2.4
GUD					12 08 56.2
FRNF	30nm,0.3s,SNR=6.0				
FRNF	Fournols	3.44 49	Pn	Pn	12 08 02.4 +0.6
FRNF		3.44 49	Pn	Pn	12 08 02.4 +0.6
MFF	Saint Martin d	3.48 11	ePn	Pn	12 08 03.2 +1.0
MFF	Saint Martin d	3.48 11	ePn	Pg	12 08 15.6 -0.2
MFF					12 08 42.3 -0.5
MFF					12 08 58.1 +6.2
MFF	47nm,0.2s				
MFF	Saint Martin d	3.48 11	Pn	Pn	12 08 03.2 +1.0
MFF	Saint Martin d	3.48 11	Pg	Pg	12 08 15.6 -0.2
MFF					12 08 42.3 -0.5
MFF					12 08 58.1 +6.2
MFF	24nm,0.2s				
MFF	Saint Martin d	3.48 11	Pn	Pn	12 08 03.2 +1.0
MFF					12 08 15.6 -0.2
MFF					12 08 42.3 -0.5
MFF					12 08 58.1 +6.2
MFF	24nm,0.2s				
MFF	Ste Croix	3.73 75	ePn	Pn	12 08 06.9 +1.2
MFF					12 08 48.6 -0.4
MFF					12 08 08.3 -0.5
MFF	40nm,0.4s				
MFF	Ste Croix	3.73 75	Pn	Pn	12 08 06.9 +1.2
MFF					12 08 48.6 -0.4
MFF					12 08 08.3 -0.5
MFF	20nm,0.4s				
MFF	Ste Croix	3.73 75	Pn	Pn	12 08 06.9 +1.2
MFF					12 08 48.6 -0.4
MFF					12 08 08.3 -0.5
MFF	20nm,0.4s				
MFF	Lublilhac	3.75 56	Pn	Pn	12 08 06.8 +0.8
MFF	Lublilhac	3.75 56	Pn	Pn	12 08 06.8 +0.8
MFF	Toux Ste Croi	3.90 36	ePn	Pn	12 08 08.2 +0.1
MFF	Toux Ste Croi	3.90 36	ePn	ePn	12 08 13.1 +5.0
MFF					12 08 51.8 -1.6
MFF					12 09 12.5 -1.9
MFF	65nm,0.3s				
MFF	Toux Ste Croi	3.90 36	Pn	Pn	12 08 08.2 +0.1
MFF	Toux Ste Croi	3.90 36	ePn	Pn	12 08 13.1 +5.0
MFF					12 08 51.8 -1.6
MFF					12 09 12.5 -1.9
MFF	32nm,0.3s				
MFF	Toux Ste Croi	3.90 36	Pn	Pn	12 08 08.2 +0.1
MFF					12 08 51.8 -1.6
MFF					12 09 12.5
MFF	32nm,0.3s				
MFF	Petit Puy Mans	3.91 48	Pn	Pn	12 08 09.1 +0.8
MFF	Petit Puy Mans	3.91 48	Pn	Pn	12 08 09.1 +0.8
MFF	Sonsecq Array	4.11 212	Pn	Pn	12 08 12.9 +1.9
MFF	2.2nm,0.2s,SNR=23				
MFF					12 08 57.8 -0.9
MFF	3.8nm,0.3s,SNR=4.9				
MFF					12 09 19.7
MFF	14nm,0.3s,SNR=9.3				
MFF	Sonsecq Array	4.11 212	Pn	Pn	12 08 12.9 +1.9
MFF	2.2nm,0.2s,baz=34,slow=13,SNR=23				
MFF					12 08 57.8 -0.9
MFF	3.8nm,0.3s,baz=36,slow=24,SNR=4.9				
MFF					12 09 19.7
MFF	14nm,0.3s,baz=29,slow=27,SNR=9.3				
MFF	Collangettes	4.17 54	Pn	Pn	12 08 12.4 +0.6
MFF	Collangettes	4.17 54	Pn	Pn	12 08 12.4 +0.6
MFF	Saint Agoulin	4.17 45	Pn	Pn	12 08 12.3 +0.5
MFF	Saint Agoulin	4.17 45	Pn	Pn	12 08 12.3 +0.5
MFF	Calabor	4.33 255	Pn	Pn	12 08 16.8 +2.8
MFF	7.3nm,0.3s,SNR=18				
MFF					12 09 04.6 +0.6
MFF	19nm,0.2s,SNR=7.9				
MFF					12 09 30.0
MFF	31nm,0.3s,SNR=5.0				
MFF	Calabor	4.33 255	∩Pn	Pn	12 08 16.8 +2.8
MFF	7.3nm,0.3s,SNR=18				
MFF					12 09 04.6 +0.6
MFF	19nm,0.2s,SNR=7.9				
MFF					12 09 30.0
MFF	31nm,0.3s,SNR=5.0				
MFF	Braganca	4.38 253	ePn	Pn	12 08 17.6 +2.9
MFF	Braganca	4.38 253	ePn	Sn	12 09 07.7 +2.6
MFF					12 09 08.6
MFF	16nm,0.3s				
MFF	Braganca	4.38 253	Pn	Pn	12 08 17.6 +2.9
MFF	Braganca	4.38 253	ePn	Sn	12 09 07.7 +2.6
MFF					12 09 08.6
MFF	16nm,0.3s				
MFF	Braganca	4.38 253	Pn	Pn	12 08 17.6 +2.9
MFF	Braganca	4.38 253	Pn	Sn	12 09 07.7 +2.6
MFF					12 09 08.6
MFF	8.1nm,0.3s				
MFF	San Pablo	4.38 215	Pn	Pn	12 08 16.7 +2.0
MFF	16nm,0.2s,SNR=7.9				
MFF					12 09 05.0 -0.2
MFF	13nm,0.3s,SNR=7.9				
MFF					12 09 29.4
MFF	12nm,0.2s,SNR=7.9				
MFF	San Pablo	4.38 215	Pn	Pn	12 08 16.7 +2.0
MFF	16nm,0.2s,SNR=7.9				
MFF					12 09 05.0 -0.2
MFF	13nm,0.3s,SNR=7.9				
MFF					12 09 29.4
MFF	12nm,0.2s,SNR=7.9				
MFF	La Plantade	4.38 49	Pn	Pn	12 08 15.3 +0.5
MFF	La Plantade	4.38 49	Pn	Pn	12 08 15.3 +0.5
MFF	Bois d'Angland	4.39 39	ePn	Pn	12 08 15.9 +1.1
MFF	Bois d'Angland	4.39 39	ePn	ePn	12 09 04.1 -1.3
MFF					12 09 29.4 -0.7
MFF	178nm,0.4s				
MFF	Bois d'Angland	4.39 39	Pn	Pn	12 08 15.9 +1.1
MFF	Bois d'Angland	4.39 39	Pn	Sg	12 09 04.1 -1.3
MFF					12 09 29.4 -0.7
MFF	89nm,0.4s				
MFF	Bois d'Angland	4.39 39	Pn	Pn	12 08 15.9 +1.1
MFF	Bois d'Angland	4.39 39	Pn	Lg	12 09 04.1 -1.3
MFF					12 09 29.4
MFF	89nm,0.4s				
MFF	Pontenova	4.40 274	Pn	Pn	12 08 18.6 +3.6
MFF	2.8nm,0.3s,SNR=6.9				
MFF					12 09 07.9 +2.3
MFF	12nm,0.2s,SNR=7.7				
MFF	Pontenova	4.40 274	Pn	Pn	12 08 18.6 +3.6
MFF	2.8nm,0.3s,SNR=6.9				
MFF					12 09 07.9 +2.3
MFF	12nm,0.2s,SNR=7.7				
MFF	Saint-Julien-I	4.50 66	ePn	Pn	12 08 17.7 +1.3
MFF	Saint-Julien-I	4.50 66	ePn	Sg	12 09 06.4 -1.8
MFF					12 09 31.7 -1.9
MFF	32nm,0.6s				
MFF	Saint-Julien-I	4.50 66	Pn	Pn	12 08 17.7 +1.3
MFF	Saint-Julien-I	4.50 66	Sn	Sg	12 09 06.4 -1.8
MFF					12 09 31.7 -1.9
MFF	16nm,0.6s				
MFF	Saint-Julien-I	4.50 66	Pn	Pn	12 08 17.7 +1.3
MFF	Saint-Julien-I	4.50 66	Sn	Sg	12 09 06.4 -1.8
MFF					12 09 31.7
MFF	16nm,0.6s				
MFF	Mallorca	4.53 138	Pn	Pn	12 08 19.2 +2.5
MFF	5.2nm,0.3s,SNR=18				
MFF	Mallorca	4.53 138	Pg	Pg	12 08 33.5 -2.4
MFF	6.6nm,0.4s,SNR=7.9				
MFF					12 09 09.2 +0.3
MFF	13nm,0.6s,SNR=5.0				
MFF	Mallorca	4.53 138	Pn	Pn	12 08 19.2 +2.5
MFF	5.2nm,0.3s,SNR=18				
MFF					12 08 33.5 -2.4
MFF	6.6nm,0.4s,SNR=7.9				
MFF					12 09 09.2 +0.3
MFF	13nm,0.6s,SNR=5.0				
MFF	Beniarda	4.54 171	Pn	Pn	12 08 19.8 +2.9
MFF	4.2nm,0.8s,SNR=14				
MFF					12 09 07.8 -1.4
MFF	7.5nm,0.4s,SNR=7.9				
MFF					12 09 30.4
MFF	8.5nm,0.4s,SNR=5.0				
MFF	Beniarda	4.54 171	Pn	Pn	12 08 19.8 +2.9
MFF	4.2nm,0.8s,SNR=14				
MFF					12 09 07.8 -1.4
MFF	7.5nm,0.4s,SNR=7.9				
MFF					12 09 30.4
MFF	8.5nm,0.4s,SNR=5.0				
MFF	Tobarra	4.56 184	Pn	Pn	12 08 19.7 +2.5
MFF	6.8nm,0.3s,SNR=41				

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ETOB	Tobarra	4.56 184	Pg	Pg	12 08 36.2 -0.3
ETOB	5.0nm,0.3s,SNR=7.9				
ETOB					12 09 09.8 +0.2
ETOB	4.5nm,0.3s,SNR=5.7				
ETOB	5.3nm,0.2s,SNR=5.0				12 09 35.7
ETOB	Tobarra	4.56 184	Pn	Pn	12 08 19.7 +2.5
ETOB	6.8nm,0.3s,SNR=41				
ETOB					12 08 36.2 -0.3
ETOB	5.0nm,0.3s,SNR=7.9				
ETOB					12 09 09.8 +0.2
ETOB	4.5nm,0.3s,SNR=5.7				
ETOB	5.3nm,0.2s,SNR=5.0				12 09 35.7
EIBI	Ibiza	4.56 155	Pn	Pn	12 08 19.3 +2.1
EIBI	8.3nm,0.4s,SNR=18				
EIBI					12 09 07.3 -2.4
EIBI	8.9nm,0.2s,SNR=7.9				
EIBI					12 09 37.3
EIBI	3.2nm,0.2s,SNR=5.0				
EIBI	Ibiza	4.56 155	Pn	Pn	12 08 19.3 +2.1
EIBI	8.3nm,0.4s,SNR=18				
EIBI					12 09 07.3 -2.4
EIBI	8.9nm,0.2s,SNR=7.9				
EIBI					12 09 37.3
EIBI	3.2nm,0.2s,SNR=5.0				
SSB	Saint Sauveur	4.58 61	Pn	Pn	12 08 18.3 +0.9
SSB	Saint Sauveur	4.58 61	Pn	Pn	12 08 18.3 +0.9
SSB	Vianos	4.67 193	Pn	Pn	12 08 20.5 +1.7
SSB	91nm,0.5s,SNR=39				
EVIA					12 09 11.4 -1.1
EVIA	16nm,0.3s,SNR=7.9				
EVIA					12 09 39.3
EVIA	61nm,0.4s,SNR=5.1				
EVIA	Vianos	4.67 193	Pn	Pn	12 08 20.4 +1.7
EVIA	91nm,0.5s,SNR=39				
EVIA					12 09 11.4 -1.1
EVIA	16nm,0.3s,SNR=7.9				
EVIA					12 09 39.3
EVIA	61nm,0.4s,SNR=5.1				
AVF	Avril sur Loir	4.80 40	ePn	Pn	12 08 21.8 +1.4
AVF	Avril sur Loir	4.80 40	ePn	Sn	12 09 14.0 -1.4
AVF					12 09 40.3 -2.8
AVF	51nm,0.6s				
AVF	Avril sur Loir	4.80 40	Pn	Pn	12 08 21.8 +1.4
AVF	Avril sur Loir	4.80 40	Pn	Sg	12 09 14.0 -1.4
AVF					12 09 40.3
AVF	26nm,0.6s				
MVO	Moncorvo	4.83 247	ePn	Pn	12 08 23.5 +2.6
MVO	Moncorvo	4.83 247	ePn	A	12 09 16.1 -0.3
MVO	26nm,0.4s				
MVO	Moncorvo	4.83 247	Pn	Pn	12 08 23.5 +2.6
MVO	9.1nm,0.2s,SNR=83				
MVO					12 09 16.1 -0.3
MVO	26nm,0.4s				
MVO	16nm,0.3s,SNR=5.0				12 09 42.8
MVO	Moncorvo	4.83 247	Pn	Pn	12 08 23.5 +2.6
MVO	9.1nm,0.2s,SNR=83				
MVO					12 09 15.9 -0.4
MVO	24nm,0.3s,SNR=5.0				
MVO					12 09 42.8
MVO	16nm,0.3s,SNR=5.0				
EPLA	Plasencia	4.85 232	Pn	Pn	12 08 23.2 +2.0
EPLA	1.6nm,0.3s,SNR=18				
EPLA					12 09 16.1 -0.8
EPLA	5.9nm,0.2s,SNR=7.9				
EPLA					12 09 43.1
EPLA	11nm,0.3s,SNR=7.9				

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Agios Georgios, Polygyros, Evrytania, etc.

DJA 14 12:35:15.5-0.4, 1°S, 3°12'E, h10km, M3.5/8, MLv3.5/8, Minahassa Peninsula, Sulawesi

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

IDC 14 12:36:03.7-1.4, 43°43'S, 172°48'E, h0km, mb3.6/2, mb1 3.9/3, mb1mx3.5/22, mbtmp3.7/3, ML3.5/1, MS3.2/1, Ms1 3.2/1, ms1mx2.9/16, Error ellipse: s-maj=47.2km s-min=13.3km az=158.0

ISCJB 14 12:36:05.5-0.5, 43°64'S, 172°48'E, h0.4, h23km, 4km, mb3.6/2, Error ellipse: s-maj=7.1km s-min=3.2km az=140.5

WEL 14 12:36:07.0-0.1, 43°57'S, 172°40'E, h7km, ML4.4/43, Error ellipse: s-maj=0.4km s-min=0.3km az=0.0

WEL Felt from Canterbury to Otago, maximum reported intensity MM 6.

NEIC 14 12:36:06.4, 43°63'S, 172°38'E, h7km, ML4.3(WEL), After WEL.

NEIC Felt throughout Canterbury. ISC 14 12:36:06.1, 43°60'S, 172°43'E, h10km, 9km, n136, 0.07/137, 2C-2D, South Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CRLZ, OXFZ, LAKE, etc.

RPZ 14 12:36:06.1, 43°60'S, 172°43'E, h10km, 9km, n136, 0.07/137, 2C-2D, South Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RPZ, WAZ, ANWZ, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like QUZ, EAZ, EARN, etc.

ISCJB 14 12:36:32.0-0.6, 16°67'S, 0°06'69.3W, 0.1, h128km, mb3.9/6, Error ellipse: s-maj=18.1km s-min=7.7km az=174.8

IDC 14 12:36:34.4-1.5, 18°71'S, 69°09'W, h125km, 14km, mb3.7/6, mb1 4.0/10, mb1mx3.7/30, mbtmp4.4/10, Error ellipse: s-maj=28.6km s-min=13.3km az=93.0

ISC 14 12:36:34.8-1.8, 18°71'S, 69°09'W, h128km, n22, c1512/16, mb4.0/6, Northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LPAZ, LVC, LNA, etc.

IDC 14 12:36:58.6-0.7, 44°59'N, 149°97'E, h0km, mb4.0/18, mb1 4.1/23, mb1mx4.0/36, mbtmp3.9/23, ML3.5/4, MS3.5/7, Ms1 3.5/7, ms1mx3.0/43, Error ellipse: s-maj=19.0km s-min=14.6km az=147.0

NIED 14 12:37:00.44-60N, 150°10'E, h17km, Mw4.1, Best double couple: Mb1.61000-1019.11h1u236.00000, r39.00000, 1.109.00000, NIP2u33.00000, r53.00000, 7.75.00000

BJJ 14 12:37:01.9, 44°33'N, 150°02'E, h35km, mb4.5/14, mb4.7/8, Ms4.3/1, Ms7.4/0.1

ISCJB 14 12:37:02.1-0.4, 44°44'N, 150°05'E, h34km, mb4.1/27, MS3.6/6, Error ellipse: s-maj=8.1km s-min=3.7km az=152.8

JMA 14 12:37:02.6-0.5, 44°58'N, 150°05'E, h30km, M4.1, NEIC 14 12:37:03.8-0.6, 44°60'N, 150°04'E, h35km, mb4.6/3, Error ellipse: s-maj=13.8km s-min=8.8km az=141.0

MOS 14 12:37:04.0, 1.8, 44°65'N, 149°30'E, h49km, mb4.4/16, Error ellipse: s-maj=10.4km s-min=8.1km az=128.7

SKHL 14 12:37:06.5-0.2, 44°20'N, 149°36'E, h70km, 4km, mb4.3/4, 1814/124, mb4.1/27, MS3.6/6, 7C-1D, East of Kuril Islands

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

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

ISCJB 14 12:36:32.0-0.6, 16°67'S, 0°06'69.3W, 0.1, h128km, mb3.9/6, Error ellipse: s-maj=18.1km s-min=7.7km az=174.8

IDC 14 12:36:34.4-1.5, 18°71'S, 69°09'W, h125km, 14km, mb3.7/6, mb1 4.0/10, mb1mx3.7/30, mbtmp4.4/10, Error ellipse: s-maj=28.6km s-min=13.3km az=93.0

ISC 14 12:36:34.8-1.8, 18°71'S, 69°09'W, h128km, n22, c1512/16, mb4.0/6, Northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LPAZ, LVC, LNA, etc.

IDC 14 12:36:58.6-0.7, 44°59'N, 149°97'E, h0km, mb4.0/18, mb1 4.1/23, mb1mx4.0/36, mbtmp3.9/23, ML3.5/4, MS3.5/7, Ms1 3.5/7, ms1mx3.0/43, Error ellipse: s-maj=19.0km s-min=14.6km az=147.0

NIED 14 12:37:00.44-60N, 150°10'E, h17km, Mw4.1, Best double couple: Mb1.61000-1019.11h1u236.00000, r39.00000, 1.109.00000, NIP2u33.00000, r53.00000, 7.75.00000

BJJ 14 12:37:01.9, 44°33'N, 150°02'E, h35km, mb4.5/14, mb4.7/8, Ms4.3/1, Ms7.4/0.1

ISCJB 14 12:37:02.1-0.4, 44°44'N, 150°05'E, h34km, mb4.1/27, MS3.6/6, Error ellipse: s-maj=8.1km s-min=3.7km az=152.8

JMA 14 12:37:02.6-0.5, 44°58'N, 150°05'E, h30km, M4.1, NEIC 14 12:37:03.8-0.6, 44°60'N, 150°04'E, h35km, mb4.6/3, Error ellipse: s-maj=13.8km s-min=8.8km az=141.0

MOS 14 12:37:04.0, 1.8, 44°65'N, 149°30'E, h49km, mb4.4/16, Error ellipse: s-maj=10.4km s-min=8.1km az=128.7

SKHL 14 12:37:06.5-0.2, 44°20'N, 149°36'E, h70km, 4km, mb4.3/4, 1814/124, mb4.1/27, MS3.6/6, 7C-1D, East of Kuril Islands

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

Table with columns: BRTR, Keskin Array B, 87.12 309 P, P, 13 21 37.5 -2.4, comp=2.0, 5nm, 0.6s, baz=117, slow=5.1, SNR=2.6

NIED 14 13:11:00, 35.90N, 140.60E, h29km, Mw3.6 Best double couple: M2.41000x1014 NP1.9x298.00000, d40.00000, lambda=176.00000, NP2.9x205.00000, d88.00000, lambda=50.00000

ISCJB 14 13:11:29.3, 0.6, 35.86N, 140.104, 140.59E, 0.07, h43km, 7km, mb3.6/2, Error ellipse: s-maj=10.3km s-min=5.7km az=160.6

JMA 14 13:11:29.9, 35.86N, 140.53E, h34km, 1km, M3.6 JMA Felt II J1

ISC 14 13:11:30.6, 1.1, 35.69N, 140.36E, h49km, 9km, mb3.3/3, mb1.3/7.6, mb1mx3.3/67, mbtmp3.8/6, Error ellipse: s-maj=28.3km s-min=12.8km az=88.0

ISC 14 13:11:30.1, 1.2, 35.87N, 140.55E, 0.05, h34km, 2km, n21, n19, 23, 0.0, mb3.7/3, 1C-3D, Near east coast of eastern Honshu

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

ISCJB 14 13:27:04.1, 0.7, 39.12N, 0.07, 98.65E, 0.06, h10km, mb3.2/2, Error ellipse: s-maj=10.1km s-min=5.6km az=21.8

ISC 14 13:27:05.4, 1.6, 39.29N, 98.64E, h0km, mb3.2/3, mb1.3/5.7, mb1mx3.3/48, mbtmp3.5/7, ML3.1/4, Error ellipse: s-maj=23.7km s-min=23.7km az=44.0

BJI 14 13:27:08.5, 39.09N, 98.61E, h6km, ML3.6/13, Error ellipse: s-maj=15.3km s-min=11.0km az=92.0

NEIC 14 13:29:27.0, 2.0, 10.67S, 165.98E, mb4.6/28, Error ellipse: s-maj=7.1km s-min=4.8km az=130.0

ISCJB 14 13:29:29.8, 1.6, 10.71S, 0.05, 165.91E, 0.05, h158km, 14km, mb4.4/50, Error ellipse: s-maj=8.5km s-min=8.1km az=35.8

BJI 14 13:29:34.1, 10.60S, 165.80E, h186km, mb4.6/17, mb4.7/9, Error ellipse: s-maj=15.3km s-min=11.0km az=92.0

ISCJB 14 13:29:37.0, 10.67S, 166.01E, 0.08, h131km, 6km, n146, n191, 160, mb4.5/50, Santa Cruz Islands

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

AUST 14 13:29:20.0, 6.0, 10.80S, 166.26E, h48km, Error ellipse: s-maj=2.1km s-min=1.3km az=279.0

ISC 14 13:29:27.6, 0.8, 10.70S, 166.02E, h129km, 6km, mb4.0/22, mb1.4/2/23, mb1mx1.4/3, mbtmp4.4/23, Error ellipse: s-maj=15.3km s-min=11.0km az=92.0

ISCJB 14 13:29:34.1, 10.60S, 165.80E, h186km, mb4.6/17, mb4.7/9, Error ellipse: s-maj=15.3km s-min=11.0km az=92.0

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

Table with columns: DZM, Port Moresby, 18.60 272 P, P, 13 33 35.4 +0.2, comp=0.0, slow=19, SNR=1.0

ISCJB 14 13:29:34.1, 10.60S, 165.80E, h186km, mb4.6/17, mb4.7/9, Error ellipse: s-maj=15.3km s-min=11.0km az=92.0

ISC 14 13:29:34.1, 10.60S, 165.80E, h186km, mb4.6/17, mb4.7/9, Error ellipse: s-maj=15.3km s-min=11.0km az=92.0

ISCJB 14 13:29:34.1, 10.60S, 165.80E, h186km, mb4.6/17, mb4.7/9, Error ellipse: s-maj=15.3km s-min=11.0km az=92.0

ISCJB 14 13:29:34.1, 10.60S, 165.80E, h186km, mb4.6/17, mb4.7/9, Error ellipse: s-maj=15.3km s-min=11.0km az=92.0

ISCJB 14 13:29:34.1, 10.60S, 165.80E, h186km, mb4.6/17, mb4.7/9, Error ellipse: s-maj=15.3km s-min=11.0km az=92.0

ISCJB 14 13:29:34.1, 10.60S, 165.80E, h186km, mb4.6/17, mb4.7/9, Error ellipse: s-maj=15.3km s-min=11.0km az=92.0

ISCJB 14 13:29:34.1, 10.60S, 165.80E, h186km, mb4.6/17, mb4.7/9, Error ellipse: s-maj=15.3km s-min=11.0km az=92.0

ISCJB 14 13:29:34.1, 10.60S, 165.80E, h186km, mb4.6/17, mb4.7/9, Error ellipse: s-maj=15.3km s-min=11.0km az=92.0

ISCJB 14 13:29:34.1, 10.60S, 165.80E, h186km, mb4.6/17, mb4.7/9, Error ellipse: s-maj=15.3km s-min=11.0km az=92.0

ISCJB 14 13:29:34.1, 10.60S, 165.80E, h186km, mb4.6/17, mb4.7/9, Error ellipse: s-maj=15.3km s-min=11.0km az=92.0

ISCJB 14 13:29:34.1, 10.60S, 165.80E, h186km, mb4.6/17, mb4.7/9, Error ellipse: s-maj=15.3km s-min=11.0km az=92.0

ISCJB 14 13:29:34.1, 10.60S, 165.80E, h186km, mb4.6/17, mb4.7/9, Error ellipse: s-maj=15.3km s-min=11.0km az=92.0

ISCJB 14 13:29:34.1, 10.60S, 165.80E, h186km, mb4.6/17, mb4.7/9, Error ellipse: s-maj=15.3km s-min=11.0km az=92.0

ISCJB 14 13:29:34.1, 10.60S, 165.80E, h186km, mb4.6/17, mb4.7/9, Error ellipse: s-maj=15.3km s-min=11.0km az=92.0

ISCJB 14 13:29:34.1, 10.60S, 165.80E, h186km, mb4.6/17, mb4.7/9, Error ellipse: s-maj=15.3km s-min=11.0km az=92.0

ISCJB 14 13:29:34.1, 10.60S, 165.80E, h186km, mb4.6/17, mb4.7/9, Error ellipse: s-maj=15.3km s-min=11.0km az=92.0

ISCJB 14 13:29:34.1, 10.60S, 165.80E, h186km, mb4.6/17, mb4.7/9, Error ellipse: s-maj=15.3km s-min=11.0km az=92.0

ISCJB 14 13:29:34.1, 10.60S, 165.80E, h186km, mb4.6/17, mb4.7/9, Error ellipse: s-maj=15.3km s-min=11.0km az=92.0

ISCJB 14 13:29:34.1, 10.60S, 165.80E, h186km, mb4.6/17, mb4.7/9, Error ellipse: s-maj=15.3km s-min=11.0km az=92.0

ISCJB 14 13:29:34.1, 10.60S, 165.80E, h186km, mb4.6/17, mb4.7/9, Error ellipse: s-maj=15.3km s-min=11.0km az=92.0

ISCJB 14 13:29:34.1, 10.60S, 165.80E, h186km, mb4.6/17, mb4.7/9, Error ellipse: s-maj=15.3km s-min=11.0km az=92.0

ISCJB 14 13:29:34.1, 10.60S, 165.80E, h186km, mb4.6/17, mb4.7/9, Error ellipse: s-maj=15.3km s-min=11.0km az=92.0

ISCJB 14 13:29:34.1, 10.60S, 165.80E, h186km, mb4.6/17, mb4.7/9, Error ellipse: s-maj=15.3km s-min=11.0km az=92.0

ISCJB 14 13:29:34.1, 10.60S, 165.80E, h186km, mb4.6/17, mb4.7/9, Error ellipse: s-maj=15.3km s-min=11.0km az=92.0

ISCJB 14 13:29:34.1, 10.60S, 165.80E, h186km, mb4.6/17, mb4.7/9, Error ellipse: s-maj=15.3km s-min=11.0km az=92.0

ISCJB 14 13:29:34.1, 10.60S, 165.80E, h186km, mb4.6/17, mb4.7/9, Error ellipse: s-maj=15.3km s-min=11.0km az=92.0

Table with columns: CMB, Columbia Cole, 83.91 50 eP, P, 13 41 43.5 +0.2, 6.8nm, 1.0s

ISCJB 14 13:29:34.1, 10.60S, 165.80E, h186km, mb4.6/17, mb4.7/9, Error ellipse: s-maj=15.3km s-min=11.0km az=92.0

ISCJB 14 13:29:34.1, 10.60S, 165.80E, h186km, mb4.6/17, mb4.7/9, Error ellipse: s-maj=15.3km s-min=11.0km az=92.0

ISCJB 14 13:29:34.1, 10.60S, 165.80E, h186km, mb4.6/17, mb4.7/9, Error ellipse: s-maj=15.3km s-min=11.0km az=92.0

ISCJB 14 13:29:34.1, 10.60S, 165.80E, h186km, mb4.6/17, mb4.7/9, Error ellipse: s-maj=15.3km s-min=11.0km az=92.0

ISCJB 14 13:29:34.1, 10.60S, 165.80E, h186km, mb4.6/17, mb4.7/9, Error ellipse: s-maj=15.3km s-min=11.0km az=92.0

ISCJB 14 13:29:34.1, 10.60S, 165.80E, h186km, mb4.6/17, mb4.7/9, Error ellipse: s-maj=15.3km s-min=11.0km az=92.0

ISCJB 14 13:29:34.1, 10.60S, 165.80E, h186km, mb4.6/17, mb4.7/9, Error ellipse: s-maj=15.3km s-min=11.0km az=92.0

ISCJB 14 13:29:34.1, 10.60S, 165.80E, h186km, mb4.6/17, mb4.7/9, Error ellipse: s-maj=15.3km s-min=11.0km az=92.0

ISCJB 14 13:29:34.1, 10.60S, 165.80E, h186km, mb4.6/17, mb4.7/9, Error ellipse: s-maj=15.3km s-min=11.0km az=92.0

ISCJB 14 13:29:34.1, 10.60S, 165.80E, h186km, mb4.6/17, mb4.7/9, Error ellipse: s-maj=15.3km s-min=11.0km az=92.0

ISCJB 14 13:29:34.1, 10.60S, 165.80E, h186km, mb4.6/17, mb4.7/9, Error ellipse: s-maj=15.3km s-min=11.0km az=92.0

ISCJB 14 13:29:34.1, 10.60S, 165.80E, h186km, mb4.6/17, mb4.7/9, Error ellipse: s-maj=15.3km s-min=11.0km az=92.0

ISCJB 14 13:29:34.1, 10.60S, 165.80E, h186km, mb4.6/17, mb4.7/9, Error ellipse: s-maj=15.3km s-min=11.0km az=92.0

ISCJB 14 13:29:34.1, 10.60S, 165.80E, h186km, mb4.6/17, mb4.7/9, Error ellipse: s-maj=15.3km s-min=11.0km az=92.0

ISCJB 14 13:29:34.1, 10.60S, 165.80E, h186km, mb4.6/17, mb4.7/9, Error ellipse: s-maj=15.3km s-min=11.0km az=92.0

ISCJB 14 13:29:34.1, 10.60S, 165.80E, h186km, mb4.6/17, mb4.7/9, Error ellipse: s-maj=15.3km s-min=11.0km az=92.0

ISCJB 14 13:29:34.1, 10.60S, 165.80E, h186km, mb4.6/17, mb4.7/9, Error ellipse: s-maj=15.3km s-min=11.0km az=92.0

ISCJB 14 13:29:34.1, 10.60S, 165.80E, h186km, mb4.6/17, mb4.7/9, Error ellipse: s-maj=15.3km s-min=11.0km az=92.0

ISCJB 14 13:29:34.1, 10.60S, 165.80E, h186km, mb4.6/17, mb4.7/9, Error ellipse: s-maj=15.3km s-min=11.0km az=92.0

ISCJB 14 13:29:34.1, 10.60S, 165.80E, h186km, mb4.6/17, mb4.7/9, Error ellipse: s-maj=15.3km s-min=11.0km az=92.0

ISCJB 14 13:29:34.1, 10.60S, 165.80E, h186km, mb4.6/17, mb4.7/9, Error ellipse: s-maj=15.3km s-min=11.0km az=92.0

ISCJB 14 13:29:34.1, 10.60S, 165.80E, h186km, mb4.6/17, mb4.7/9, Error ellipse: s-maj=15.3km s-min=11.0km az=92.0

ISCJB 14 13:29:34.1, 10.60S, 165.80E, h186km, mb4.6/17, mb4.7/9, Error ellipse: s-maj=15.3km s-min=11.0km az=92.0

ISCJB 14 13:29:34.1, 10.60S, 165.80E, h186km, mb4.6/17, mb4.7/9, Error ellipse: s-maj=15.3km s-min=11.0km az=92.0

ISCJB 14 13:29:34.1, 10.60S, 165.80E, h186km, mb4.6/17, mb4.7/9, Error ellipse: s-maj=15.3km s-min=11.0km az=92.0

ISCJB 14 13:29:34.1, 10.60S, 165.80E, h186km, mb4.6/17, mb4.7/9, Error ellipse: s-maj=15.3km s-min=11.0km az=92.0

ISCJB 14 13:31:00.0, 0.8, 32.17N, 0.03, 115.14W, 0.04, h10km, 8km

Error ellipse: s-maj=6.0km s-min=5.3km az=140.6
 NEIC 14 13:32:02.2, 32.16N, 115.19W, h10km, ML2.5(PAS),
 ML2.9(ECX), After ECX.
 ECX 14 13:32:02.2, 0.32, 16N, 115.18W, h8km, MD2.6, ML2.8
 ISC 14 13:32:00.2, 1.0, 32.17N, 0.03, 115.15W, 0.03, h14km, gkm,
 n18, 0.031/26, 4C-1D, California-Baja California border
 region

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	h s
CPBX	Cerro Prieto	0.28	332	eP	Pg	13 32 06.1	0.0
CPBX				eS	Pg	13 32 10.2	0.2
CPBX				IAML		13 32 13.3	
CPBX	comp=N, 4um, 0.2s						
YMD	Yuma Desert	0.64	53	iP	Pb	13 32 13.8	+0.4
SGL	Mount Signal	0.68	315	iP	Pb	13 32 14.1	+0.2
COA	Coachella	0.69	2	iP	Pb	13 32 14.3	+0.3
ECBX	El Chino	0.70	173	eP	Pg	13 32 13.7	-0.1
ECBX				eS	Pg	13 32 23.0	0.0
RDX	Rancho Dawling	0.71	251	eP	Pg	13 32 14.5	+0.3
RDX				eS	Pg	13 32 23.9	+0.3
YUH	Yuha Desert	0.81	306	iP	Pg	13 32 16.0	+0.1
RMX	La Rumorosa	0.90	299	eP	Pg	13 32 17.4	-0.2
RMX				eS	Pg	13 32 28.7	-0.7
RMX				IAML		13 32 31.0	
RMX	comp=N, 266nm, 0.2s						
GLA	Glamis	0.92	17	eP	Pg	13 32 17.5	-0.5
GLA				eS	Pg	13 32 29.6	-0.5
SPIG	San Pedro Mart	1.15	194	eP	Pb	13 32 21.5	-0.6
SPX	San Pedro Mart	1.15	194	eP	Pb	13 32 22.0	+0.1
SPX				IAML		13 32 39.9	
SPX	comp=N, 119nm, 0.1s						
ZAX	Ei Zolaton	1.16	236	eP	Pb	13 32 22.0	-0.1
ZAX				eS	Pb	13 32 24.2	0.0
CBX	Cerro Bola	1.29	277	eP	Pb	13 32 24.2	+0.2
ECNX	Esteban Cantu	1.33	248	eP	Pb	13 32 27.4	+0.1
ECNX				eS	Pb	13 32 42.1	0.0
BAR	Barrett	1.39	292	eP	Pb	13 32 26.1	+0.1
BAR				eS	Pb	13 32 43.3	-0.1
BAR	Barrett	1.39	292	eP	Pb	13 32 25.8	-0.1
PFO	Pinyon Flat Ob	1.81	323	eP	Pb	13 32 31.1	0.0
214A	Organ Pipe Nat	2.00	95	eP	Pn	13 32 33.8	+0.2

ISCJB 14 13:54:53.2, 1.1, 19.70S, 0.08, 69.0W, 0.2, h99km, mb3.4/1,
 Error ellipse: s-maj=22.6km s-min=8.2km az=24.2
 GUC 14 13:54:53.4, 0.6, 19.63S, 69.63W, h90km, 10km, ML3.7
 IDC 14 13:55:00.3, 1.8, 17.27S, 65.42W, h0km, mb3.0/1,
 mb1 3.0/3, mb1mx3.5/2, btmp3.5/3, ML3.3/2, Error
 ellipse: s-maj=65.8km s-min=18.6km az=18.0
 ISC 14 13:54:53.1, 1.6, 19.66S, 0.08, 69.2W, 0.2, h99km, n7,
 @127/10, Northern Chile

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	h s
PB01	IPOC Station P	1.41	193	iP	Pn	13 55 18.9	+0.4
PB01				iS	Sn	13 55 38.1	+0.5
PB01				AML		13 55 40.0	
PB09	IPOC Station P	2.13	182	iP	Pn	13 55 29.0	+1.4
PB09				iS	Pn	13 55 56.2	+2.3
PB09				AML		13 55 58.9	
PB07	IPOC Station P	2.17	198	iP	Pn	13 55 28.4	+0.1
PB07				iS	Sn	13 55 54.2	-0.6
PB07				AML		13 55 58.0	
PB04	IPOC Station P	2.82	199	iP	Pn	13 55 37.2	+0.4
PB04				iS	Sn	13 56 09.3	-0.9
PB04				AML		13 56 10.7	
LPAZ	La Paz	3.49	16	Pn	Pn	13 55 47.0	+0.7
LPAZ	comp=N, 1.1nm, 0.3s, baz=115, slow=18, SNR=14			Lg	Lg	13 56 28.2	
CPUP	Villa Florida	12.75	124	Pn	Pn	13 57 49.5	-1.4
CPUP	comp=N, 0.2nm, 0.3s, baz=327, slow=16, SNR=35						
TORD	Torodi Ar. Bea	76.96	71	P	P	14 06 31.3	-4.2
TORD	comp=N, 0.3nm, 0.4s, baz=251, slow=5.1, SNR=5.7						

SKHL 14 14:07:02.0, 3.4, 43.38N, 149.34E, h26km, 3km, mb4.0/4,
 Kuril Islands

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	h s
BODT	Bodrum	1.64	302	eP	Pn	14 04 34.1	-0.3
KUR	20nm, 0.3s			AMB	AMB	14 04 37.1	
KUR	40nm, 0.4s			A	A	14 04 54.3	-0.3
KUR	80nm, 0.9s			A	A	14 05 01.6	
SHO	Shikotan	2.23	258	eP	Pn	14 04 42.5	+0.1
SHO				AMB	AMB	14 04 49.4	
SHO	240nm, 0.9s			eS	A	14 05 08.7	-0.3
SHO	50nm, 0.3s			A	A	14 05 17.0	
YUK	Yuzh-Kuril'sk	2.88	265	iP	Pn	14 04 51.8	+0.4
YUK				AMB	AMB	14 04 55.2	
YUK	20nm, 0.6s			AMB	AMB	14 04 55.2	
YUK	10nm, 0.6s			AMB	AMB	14 04 55.2	
YUK	30nm, 0.6s			iS	A	14 05 25.5	+0.3
YUK	30nm, 0.4s			A	A	14 05 31.5	
MYR	Myozir	5.22	249	eP	Pn	14 05 23.9	+0.4
MYR				eS	Pn	14 05 31.1	-1.5
YSS	Yuzh-Sakhalins	5.59	300	eP	Pn	14 05 29.5	+0.9
YSS				AMB	AMB	14 05 54.8	
YSS	10nm, 0.2s			eS	Sn	14 06 30.5	-1.5

IDC 14 14:05:26.6, 1.0, 39.09N, 29.12E, h0km, mb3.5/6,
 mb1 3.6/10, mb1mx3.5/41, mtmp3.6/10, ML3.3/4, Error
 ellipse: s-maj=18.8km s-min=14.5km az=175.0
 ISK 14 14:05:27.8, 39.14N, 29.08E, h12km, ML3.7
 ISCJB 14 14:05:28.7, 0.3, 39.14N, 0.02, 29.06E, 0.02, h12km, 4km,
 mb3.5/6, Error ellipse: s-maj=3.1km s-min=3.0km az=15.1
 DDA 14 14:05:28.7, 39.13N, 29.08E, h10km, MD3.6
 CSEM 14 14:05:28.4, 0.1, 39.13N, 29.07E, h2km, MD3.6, Error
 ellipse: s-maj=2.3km s-min=2.0km az=71.0
 THE 14 14:05:29.8, 39.07N, 29.01E, h4km, 2km, ML3.6/3, Error
 ellipse: s-maj=2.2km s-min=0.6km az=34.0
 ISC 14 14:05:28.5, 1.0, 39.13N, 0.02, 29.07E, 0.02, h11km, 7km,
 n157, @190/178, mb3.5/6, 12C-14D, Turkey

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	h s
DEMI	Demirci	0.29	252	iP	Pg	14 05 34.8	+0.2
DEMI				iS	Pg	14 05 38.0	0.0
DEMI	Demirci	0.29	252	iP	Pg	14 05 34.6	+0.2
DEMI				iS	Pg	14 05 38.4	0.0
DST	Dursunbey	0.59	324	PG	Pg	14 05 39.8	-0.2
DST				iP	Pg	14 05 39.8	-0.2
DURS	Dursunbey	0.56	316	iP	Pg	14 05 41.4	+0.1
DURS				iP	Pg	14 05 41.4	+0.1
MANT	Manisa	0.76	212	iP	Pg	14 05 42.8	-0.4
MANT				iS	Pg	14 05 52.3	-0.8
MANT	Manisa	0.76	212	iP	Pg	14 05 42.8	-0.4
MANT				iS	Pg	14 05 52.3	-0.8
KHAL	Karahalli	0.83	156	iP	Pg	14 05 44.4	-0.2
KHAL				iS	Pg	14 05 44.4	-0.2
KHAL	Karahalli	0.83	156	iP	Pg	14 05 44.4	-0.2
KHAL				iS	Pg	14 05 44.4	-0.2
KHAL	Karahalli	0.88	156	PG	Pg	14 05 45.4	-0.2
KHAL				iP	Pg	14 05 45.4	-0.2
ORLT	Orhaneli	0.92	352	eP	Pg	14 05 46.1	-0.2
ORLT				eS	Pg	14 05 59.5	+0.6
ORLT	Orhaneli	0.92	352	eP	Pg	14 05 46.1	-0.2
ORLT				eS	Pg	14 05 59.5	+0.6
AKHS	Akhisar	1.01	256	iP	Pg	14 05 48.0	0.0

Code	Station Name	Δ°	AZ°	Phase ID	ISC	Time	Res
						h m s	h s
AKHS	Akhisar	1.01	256	iP	Pg	14 06 01.2	+0.1
AKHS				iS	Pg	14 05 48.0	0.0
AKHS	Akhisar	1.01	256	iP	Pg	14 06 01.2	+0.1
AKS	Akhisar	1.01	256	eP	Pg	14 05 48.1	+0.1
AKS				eS	Pg	14 05 48.1	+0.1
AUKU	KUTAHYA	1.10	42	iP	Pb	14 05 53.6	-1.1
AUKU				iS	Pb	14 05 53.6	-1.1
CAVI	CAVUSKOY	1.22	29	eP	Pn	14 05 51.6	-0.1
CAVI				eS	Pn	14 05 51.6	-0.1
IZI	Iznik	1.24	14	eP	Pn	14 05 52.3	+0.2
IZI				iS	Pn	14 05 52.3	+0.2
SHUT	SHUT-Afyon	1.29	116	eP	Pn	14 05 53.1	+0.1
SHUT				iS	Pn	14 05 53.1	+0.1
BORA	Esiksehir	1.30	55	iP	Pn	14 05 52.7	-0.1
BORA				iS	Pn	14 05 52.7	-0.1
BORA	Esiksehir	1.30	55	iP	Pn	14 05 52.7	-0.1
BORA				iS	Pn	14 05 52.7	-0.1
GEMT	Gemlik	1.30	4	eP	Pn	14 05 53.7	+0.4
GEMT				eS	Pn	14 05 53.7	+0.4
DENT	Denizli	1.38	181	eP	Pn	14 05 54.6	+0.3
DENT				iS	Pn	14 05 54.6	+0.3
DENT	Denizli	1.38	181	eP	Pn	14 05 54.6	+0.3
DENT				iS	Pn	14 05 54.6	+0.3
ABDULVAHAP	Abdulvahap	1.40	21	eP	Pn	14 05 54.6	-0.1
ABDULVAHAP				iS	Pn	14 05 54.6	-0.1
ESKT	Esiksehir	1.43	74	eP	Pn	14 05 55.4	0.0
ESKT				iS	Pn	14 05 55.4	0.0
ESKT	Esiksehir	1.43	74	eP	Pn	14 05 55.4	0.0
ESKT				iS	Pn	14 05 55.4	0.0
ARMT	Armutlu	1.44	354	eP	Pn	14 05 55.2	-0.2
ARMT				iS	Pn	14 05 55.2	-0.2
ARMT	Armutlu	1.44	354	eP	Pn	14 05 55.2	-0.2
ARMT				iS	Pn	14 05 55.2	-0.2
GPA	Gozapari	1.50	29	eP	Pn	14 05 56.3	-0.1
GPA				iS	Pn	14 05 56.3	-0.1
BNT	Bandirma	1.51	324	eP	Pn	14 05 56.3	-0.1
BNT				iS	Pn	14 05 56.3	-0.1
BNT	Bandirma	1.51	324	eP	Pn	14 05 56.3	-0.1
BNT				iS	Pn	14 05 56.3	-0.1
EDC	Edincik	1.53	323	eP	Pn	14 05 55.8	0.0
EDC				iS	Pn	14 05 55.8	0.0
EDC	Edincik	1.53					

ULM	baz=44 comp=Z,4.6nm,0.8s,SNR=13,SNR=3.4	44.41 311	P	P	14 03 04.4	-1.5
W3M	baz=44 comp=Z,301nm,19.7s,SNR=98,slow=36	44.45 290	P	LR	15 01 33.1	
U38A	baz=44	44.45 290	P	P	14 03 06.5	0.0
J34A	baz=44	44.49 301	P	P	14 03 06.7	0.0
Q36A	baz=44	44.55 295	P	P	14 03 07.2	0.0
F33A	baz=44	44.61 305	P	P	14 03 07.2	-0.4
K34A	baz=44	44.63 301	P	P	14 03 07.6	-0.2
R36A	baz=45	44.67 294	P	P	14 03 07.7	-0.5
U37A	baz=45	44.68 292	P	P	14 03 08.3	0.0
PRA	baz=45	44.70 49	eP	P	14 03 09.1	+0.9
PRA	baz=45	44.71 49	eP	P	14 03 14.0	+1.4
OBKA	baz=45	44.71 541	eP	P	14 03 08.3	-0.2
O35A	baz=45	44.73 297	P	P	14 03 08.3	-0.3
PRU	baz=45	44.76 49	eP	P	14 03 09.4	+0.7
PRU	baz=45	44.76 49	eP	P	14 03 15.4	
PRU	baz=45	44.76 49	eP	P	14 03 15.4	-0.1
B32A	baz=45	44.77 309	P	P	14 03 08.6	-0.2
NOA	baz=45	44.77 33	P	P	14 03 08.5	-0.2
NOA	baz=45	44.77 33	P	P	14 03 08.5	-0.2
NOA	baz=45	44.77 33	P	P	14 03 08.5	-0.2
X38A	baz=45	44.78 289	P	P	14 03 09.3	+0.2
V37A	baz=45	44.80 291	P	P	14 03 09.2	0.0
S36A	baz=45	44.84 293	P	P	14 03 09.1	-0.4
L34A	baz=45	44.90 300	P	P	14 03 09.8	-0.1
P35A	baz=45	44.90 296	P	P	14 03 09.8	-0.2
GOPC	baz=45	44.92 49	eP	P	14 03 10.7	+0.7
GOPC	baz=45	44.92 49	eP	P	14 03 16.8	
GOPC	baz=45	44.92 49	eP	P	14 03 16.8	
GOPC	baz=45	44.92 49	eP	P	14 03 16.8	
H33A	baz=45	44.97 303	P	P	14 03 10.2	-0.4
Q35A	baz=45	45.01 295	P	P	14 03 10.3	-0.6
T36A	baz=45	45.17 293	P	P	14 03 11.7	-0.5
X37A	baz=45	45.24 289	P	P	14 03 12.9	+0.2
TUL1	baz=45	45.31 291	P	P	14 03 13.3	0.0
TUL1	baz=45	45.31 291	eP	P	14 03 13.1	-0.2
TREC	baz=45	45.35 50	AMS	AMS	15 02 30.0	
ARSA	baz=45	45.37 531	eP	P	14 03 12.7	-1.0
S35A	baz=45	45.41 294	P	P	14 03 13.4	-0.7
V36A	baz=45	45.45 291	P	P	14 03 14.2	-0.2
P34A	baz=45	45.52 296	P	P	14 03 15.0	0.0
M33A	baz=45	45.55 299	P	P	14 03 14.9	-0.2
SAML	baz=45	45.56 212	eP	P	14 03 15.8	+0.4
C31A	baz=45	45.57 308	P	P	14 03 15.2	0.0
T35A	baz=45	45.69 293	P	P	14 03 16.2	-0.1
UPC	baz=45	45.73 48	AMS	AMS	15 00 40.0	
W36A	baz=45	45.81 290	P	P	14 03 17.4	+0.1
DPC	baz=45	45.92 49	eS	S	14 05 05.2	+3.1
DPC	baz=45	45.92 49	eS	S	15 00 20.0	
B30A	baz=46	45.96 309	P	P	14 03 18.3	0.0
U35A	baz=46	45.97 292	P	P	14 03 18.1	-0.4
T34A	baz=46	46.21 293	P	P	14 03 20.2	-0.2
438A	baz=46	46.24 284	P	P	14 03 21.4	+0.6
D30A	baz=46	46.28 307	P	P	14 03 20.5	-0.3
BGNE	baz=46	46.28 299	P	P	14 03 20.2	-0.8
W35A	baz=46	46.33 290	P	P	14 03 21.5	+0.1
Z36A	baz=46	46.39 288	P	P	14 03 21.9	+0.1
337A	baz=46	46.43 285	P	P	14 03 22.5	+0.2
J31A	baz=46	46.51 302	P	P	14 03 22.8	+0.1
F30A	baz=46	46.52 305	P	P	14 03 22.5	-0.0
A29A	baz=46	46.56 309	P	P	14 03 22.8	-0.2
X35A	baz=46	46.57 289	P	P	14 03 23.7	+0.4
U34A	baz=46	46.59 292	P	P	14 03 24.0	+0.6
R33A	baz=46	46.60 295	P	P	14 03 23.4	-0.1
H10N2	baz=46	46.64 143	T	T	15 32 52.7	
H10N3	baz=46	46.64 143	T	T	15 32 53.8	
G30A	baz=46	46.65 304	P	P	14 03 23.2	-0.5
H10N1	baz=46	46.65 143	T	T	15 32 52.9	
V34A	baz=46	46.70 291	P	P	14 03 24.0	-0.3
L31A	baz=46	46.70 300	P	P	14 03 24.2	0.0
Y35A	baz=46	46.73 289	P	P	14 03 24.7	+0.2
D29A	baz=46	46.85 307	P	P	14 03 24.8	-0.5
P29A	baz=46	46.87 297	P	P	14 03 25.0	-0.5
E32A	baz=46	46.91 306	P	P	14 03 25.5	-0.3
W34A	baz=46	47.03 291	P	P	14 03 26.5	-0.4
Z35A	baz=46	47.04 288	P	P	14 03 27.4	+0.4
U33A	baz=46	47.05 292	P	P	14 03 27.5	+0.5
J30A	baz=46	47.05 302	P	P	14 03 26.4	-0.5
OKC	baz=46	47.09 49	eS	S	14 50 21.2	+2.5
OKC	baz=46	47.09 49	eS	S	15 02 20.0	
OTAV	baz=46	47.21 236	eP	P	14 03 29.1	+0.2
X34A	baz=46	47.22 290	P	P	14 03 28.7	+0.4
A28A	baz=46	47.24 309	P	P	14 03 28.3	-0.1
B28A	baz=46	47.32 309	P	P	14 03 28.6	-0.3
BDFB	baz=46	47.43 189	P	P	14 03 29.8	-0.3
BDFB	baz=46	47.43 189	P	P	15 00 48.0	
H29A	baz=46	47.45 304	P	P	14 03 29.4	-0.6
P31A	baz=46	47.47 297	P	P	14 03 29.5	-0.8
H10S1	baz=46	47.50 144	T	T	15 33 57.0	
H10S3	baz=46	47.50 144	T	T	15 33 55.9	
D28A	baz=46	47.51 307	P	P	14 03 30.4	-0.1
H10S2	baz=46	47.52 144	T	T	15 33 57.1	
WHX	baz=46	47.55 286	P	P	14 03 31.5	+0.6
PKSM	baz=46	47.56 54	P	P	14 03 29.8	-1.0
W33A	baz=46	47.60 291	P	P	14 03 31.5	+0.2
J29A	baz=46	47.65 302	P	P	14 03 30.7	-0.9
K29A	baz=46	47.72 301	P	P	14 03 31.9	-0.3
S36A	baz=46	47.75 284	P	P	14 03 33.4	+0.9
U32A	baz=46	47.76 292	P	P	14 03 31.8	-0.8
CBKS	baz=46	47.87 296	P	P	14 03 33.0	-0.4
A27A	baz=46	47.88 309	P	P	14 03 33.1	-0.2
O30A	baz=46	47.88 298	P	P	14 03 32.8	-0.7
S31A	baz=46	47.89 294	P	P	14 03 33.7	+0.1
G28A	baz=46	47.90 304	P	P	14 03 33.4	-0.1
134A	baz=46	47.91 287	P	P	14 03 33.4	-0.3
B27A	baz=46	47.92 309	P	P	14 03 33.4	-0.2
G36A	baz=46	47.92 283	P	P	14 03 34.2	+0.4
V32A	baz=46	47.94 291	P	P	14 03 34.4	+0.4
WMOK	baz=46	47.95 290	eP	P	14 03 33.8	-0.2
435K	baz=46	47.98 285	P	P	14 03 34.5	+0.2
Y33A	baz=46	47.99 289	P	P	14 03 34.5	+0.1
H28A	baz=46	48.02 304	P	P	14 03 34.0	-0.5
Z34A	baz=46	48.10 286	P	P	14 03 35.8	+0.5
C27A	baz=46	48.11 308	P	P	14 03 34.5	-0.6
T31A	baz=46	48.15 293	P	P	14 03 35.4	-0.1
Q30A	baz=46	48.21 296	P	P	14 03 35.4	-0.7
W32A	baz=46	48.23 291	P	P	14 03 36.5	+0.3
J28A	baz=46	48.31 302	P	P	14 03 36.6	-0.2
334A	baz=46	48.37 286	P	P	14 03 37.9	+0.5
R30A	baz=46	48.38 295	P	P	14 03 37.3	0.0
X32A	baz=46	48.42 290	P	P	14 03 38.0	+0.3
C26A	baz=46	48.51 308	P	P	14 03 37.8	-0.3
434A	baz=46	48.54 285	P	P	14 03 38.4	-0.2
133A	baz=46	48.58 287	P	P	14 03 39.7	+0.7
G27A	baz=46	48.59 305	P	P	14 03 38.1	-0.7
F27A	baz=46	48.60 305	P	P	14 03 38.3	-0.6
P29A	baz=46	48.64 297	P	P	14 03 39.1	-0.3
Y32A	baz=46	48.65 289	P	P	14 03 39.2	-0.3
M28A	baz=46	48.68 299	P	P	14 03 39.4	-0.2
DIVS	baz=46	48.70 57	P	P	14 03 40.3	+0.5
Z33A	baz=46	48.72 287	P	P	14 03 40.1	0.0
H27A	baz=46	48.77 304	P	P	14 03 39.8	-0.5
D26A	baz=46	48.79 307	P	P	14 03 40.0	-0.4
I27A	baz=46	48.82 303	P	P	14 03 40.1	-0.6
Z32A	baz=46	48.85 288	P	P	14 03 40.7	-0.4
X31A	baz=46	48.93 290	P	P	14 03 41.7	+0.1
534A	baz=46	48.94 284	P	P	14 03 41.7	-0.1
333A	baz=46	48.98 286	P	P	14 03 42.1	0.0
R29A	baz=46	49.02 295	P	P	14 03 42.2	-0.1
U30A	baz=46	49.03 293	P	P	14 03 42.1	-0.3
F26A	baz=46	49.06 305	P	P	14 03 42.2	-0.3
G26A	baz=46	49.07 305	P	P	14 03 42.1	-0.5
S29A	baz=46	49.16 294	P	P	14 03 43.1	-0.3
ABTX	baz=46	49.17 288	P	P	14 03 43.8	+0.4
V30A	baz=46	49.23 292	P	P	14 03 44.1	+0.1
433A	baz=46	49.23 285	P	P	14 03 43.8	-0.2
OGNE	baz=46	49.25 299	P	P	14 03 43.9	-0.1
H26A	baz=46	49.27 304	P	P	14 03 43.2	-0.9
P28A	baz=46	49.27 297	P	P	14 03 43.7	-0.6
Y31A	baz=46	49.32 290	P	P	14 03 44.2	-0.4
Z32A	baz=46	49.37 287	P	P	14 03 44.9	-0.1
S33A	baz=46	49.39 284	P	P	14 03 45.6	+0.4
Z31A	baz=46	49.39 289	P	P	14 03 44.4	-0.3
Q28A	baz=46	49.43 296	P	P	14 03 45.3	-0.1
R28A	baz=46	49.55 296	P	P	14 03 46.0	-0.4
332A	baz=46	49.59 286	P	P	14 03 46.7	0.0
O35A	baz=46	49.60 280	P	P	14 03 46.9	+0.1
N27A	baz=46	49.65 299	P	P	14 03 46.7	-0.4

14d 14h

Table with columns: MSU, Marysvale, 57.41 298 eP, P, 14 44 45.0 +0.8, etc. Lists various stations and their coordinates.

MAN 14 14:40:39, 18.59N-120.93E, h21km, mb4.6, ML3.5, MS3.4, 3C, Luzon. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

CSEM 14 14:42:37.6, 0.5, 51.146N-16.15E, h2km, ML2.8/8, Error ellipse: s-maj=7.7km s-min=4.3km az=10.0. Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res.

2010 SEP

KSP Ksiaz, 0.58 172 ePg, Pg, 14 42 50.6 +0.9, etc. Lists various stations and their coordinates.

WEL 14 14:42:40.2, 0.1, 43.362S-172.50E, h9km, ML3.7/16.5C-5D, Island. Error ellipse: s-maj=0.6km s-min=0.4km az=90.0, South

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists various stations and their coordinates.

ISCJB 14 14:44:21.6, 0.6, 39.129N-0.03-29.08E, 0.04, h1km, 6km, Error ellipse: s-maj=5.8km s-min=4.8km az=13.7.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists various stations and their coordinates.

Code Station Name Az Az' Phase ID Time Res. Lists various stations and their coordinates.

710

GDZ Gediz, 0.30 96 iP, Pg, 14 44 28.1 +0.3, etc. Lists various stations and their coordinates.

ISCJB 14 14:45:02.9, 0.6, 39.11N-0.03-29.07E, 0.03, h3km, 6km, Error ellipse: s-maj=5.0km s-min=4.4km az=14.6.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists various stations and their coordinates.

CSEM 14 14:45:02.9, 0.1, 39.11N-29.07E, h2km, MD2.8, Error ellipse: s-maj=1.8km s-min=1.3km az=97.0.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists various stations and their coordinates.

ISCJB 14 14:51:41.4, 1.0, 39.32N-0.03-26.06E, 0.07, h6km, 6km, Error ellipse: s-maj=8.8km s-min=4.4km az=168.5.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Lists various stations and their coordinates.

Code Station Name Az Az' Phase ID Time Res. Lists various stations and their coordinates.

14d 16h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes data for stations like HJCJ, JHUJ, BS01, JKO, BS04, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes data for stations like GUMO, MJAR, WJRR, etc.

14d 16:02:13.9e.1.6, 37.39N:68.64E, h0km, mb3.4/2, mb1 3.9/6, mb1mx3.3/29, mbtmp3.5/4, ML3.1/2, Error ellipse: s-maj=56.0km s-min=27.2km az=140.0

2010 SEP

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

14d 16:19:34.0e.1.8, 17.90S:178.50W, h555km, 18km, mb3.7/11, mb1 3.9/13, mb1mx3.4/33, mbtmp4.6/13, Error ellipse: s-maj=43.5km s-min=12.1km az=154.0

14d 16:19:34.7e.0.5, 17.85S:171.78W, 0.1:1.78:57W:0.10, h579km, mb4.1/11, Error ellipse: s-maj=21.4km s-min=7.0km az=149.9

14d 16:19:35.7e.0.8, 17.95S:178.89W, h624km, 29km, Error ellipse: s-maj=40.4km s-min=11.7km az=78.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes data for stations like AFI, AFJ, DZM, ARMA, etc.

14d 16:28:36.7e.0.1, 35.13N:140.15E, h163km, 2km, M2.6, Near east coast of eastern Honshu

712

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes data for stations like WMGZ, HAZ, PUZ, etc.

14d 16:33:43.4e.820.0, 53.14N:33.63E, h0km, Error ellipse: s-maj=330.0km s-min=92.5km az=33.0, Baltic States - Belarus - Northwestern Russia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes data for stations like I43RU, I31KZ, I46RU.

NEIC 14:16:52:49.8, 43:61S:172:36E, h12km, ML3.8(WEL), After WEL

NEIC Felt in Canterbury, WEL 14:16:52:50.1, 43:59S:172:36E, h10km, ML3.8/25, 3C+4D, Error ellipse: s-maj=0.4km s-min=0.4km az=90.0, South Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes data for stations like CRLZ, CRJZ, CRJL, etc.

TIWZ Tintock 3.84 44 AML AML 16 54 35.7
DCZ Deep Cove 4.17 241 AML AML 16 55 05.5

WEL 14 17:03:36.6-0.5,40.92Sx178.72E,h33km,ML3.7/28,
5C-2D, Error ellipse: s-maj=4.4km s-min=2.9km az=90.0,

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists various stations like PXZ Pawanui, ARH Arapaoanui, etc.

ellipse: s-maj=28.7km s-min=10.3km az=52.0
ISCJB 14 17:13:06.1-0.5,3.82Sx153.98E,0.09,h400km,
mb3.6/17, Error ellipse: s-maj=12.7km s-min=7.2km

az=6.4
IDC 14 17:13:09.2-2.1,3.83Sx153.94E,h419km,23km,mb3.3/17,
mb1.3.5/19,mb1mx3.5/27,mbtmp.4/19, Error ellipse:
s-maj=18.5km s-min=9.6km az=89.0

ISC 14 17:13:07.9-0.6,3.85Sx154.00E,0.1,h400km,n46,
e1950/47,mb3.6/17,8C-2D, New Ireland region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like RABL Rabaul, MANU Manus Island, etc.

WEL 14 17:42:33.2-0.1,43.56Sx172.38E,h9km,ML3.5/13,1C-5D,
Error ellipse: s-maj=0.6km s-min=0.5km az=90.0, South Island

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like CRLZ Canterbury Las, MOZ MoQueen's Vall, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like TCW Tony Channel, EAZ Earnsclough, etc.

AUST 14 17:53:34.6,3.74Sx152.55E,h200km
ISCJB 14 17:53:44.8-0.5,4.37Sx151.89E,0.07,h250km,
mb4.2/23, Error ellipse: s-maj=10.1km s-min=6.4km

DJA 14 17:53:48.9,1.5,4.8Sx151.2E,h249km,13km,M5.2/12,
mb4.4/12,mb5.4/1,MLV5.6/1,MLV6.1/1,MLV6.1/1,MLV6.1/1,
IDC 14 17:53:48.5-2.5,4.43Sx151.66E,h263km,20km,mb3.8/12,
mb1.3.9/14,mb1mx3.7/36,mbtmp.4/14, Error ellipse:
s-maj=25.8km s-min=12.4km az=96.0

NEIC 14 17:53:49.5,1.8,4.41Sx151.59E,h273km,15km,mb4.3/14,
Error ellipse: s-maj=17.8km s-min=9.4km az=82.0
ISC 14 17:53:46.7-0.6,4.35Sx151.72E,0.09,h250km,n69,
e089/75,mb4.2/23, New Britain region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like PMG Port Moresby, GENI Genyem, etc.

Table with columns: LPAZ, La Paz, 135.57 118 PKP, PKPdf, 18 12 39.6 +0.7, etc.

WEL 14 18:02:54.3±0.5, 40.69S±1.78°E, h33km, ML3.5/7, 3C-1D, Error ellipse: s-maj=4.5km s-min=2.7km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc. Lists various stations like PXZ, KHZ, ANWZ, etc.

Table with columns: GNI, Garni, 2.24 128 I/P, Pb, 18 24 21.3 +0.7, etc.

DDA 14 18:36:32.1, 41.12N±2.24°E, h8km, MD3.2, Error ellipse: s-maj=3.1km s-min=2.3km az=169.0, SOF 14 18:36:36.6, 41.19N±2.53°E, h1km, MD3.0, etc.

SKO 14 18:36:37.0, 41.13N±2.52°E, h29km, M2.8, ML2.9, Error ellipse: s-maj=0.9km s-min=0.4km az=9.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc. Lists stations like NVR, RZN, RRS, etc.

Table with columns: FNA, Florina, 2.40 262 ePb, Pn, 18 37 16.9 0.0, etc. Lists stations like CRLT, SMIA, THL, etc.

ISK 14 18:23:38.6, 41.48N±4.21°E, h20km, MD2.9, DDA 14 18:23:39.4, 41.60N±4.21°E, h7km, MD2.9, etc.

CSEM 14 18:23:40.0, 0.2, 41.54N±4.75E, h2km, MD2.9, Error ellipse: s-maj=5.2km s-min=3.7km az=157.0, NSSP 14 18:23:44.0, 0.1, 41.48N±4.37E, h8km, Ms2.7, etc.

ISC 14 18:23:39.6, 1.1, 41.55N±0.03, 42.43E±0.02, h6km±10km, n40, ±0.075/74, 3D, Turkey-Georgia-Armenia border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc. Lists stations like ARTV, DBOC, DAGI, etc.

ISC 14 18:23:39.9, 41.19N±2.49E, h29km, M2.8, ML2.9, Error ellipse: s-maj=0.9km s-min=0.4km az=9.0, n162, ±0.09/207, 12C-1D, Greece-Bulgaria border region

ISC 14 18:23:39.1, 0.1, 41.16N±0.02, 24.51E±0.01, h6km±9km, n162, ±0.09/207, 12C-1D, Greece-Bulgaria border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc. Lists stations like HNT, HRT, KNT, etc.

ISC 14 18:51:55.3±3.5, 36.09N±70.58E, h156km±31km, mb3.4/8, mb1.3/4/14, mb1mx3.2/43, mbtmp3/9/14, Error ellipse: s-maj=25.2km s-min=18.9km az=12.0, etc.

ISCJTB 14 18:52:03.9±1.1, 36.85N±10.09, 70.50E±0.06, h204km, mb3.4/7, Error ellipse: s-maj=12.9km s-min=6.4km, etc.

NNC 14 18:52:05.4±1.0, 36.94N±70.47E, h201km±10km, mpv4.2, Error ellipse: s-maj=10.5km s-min=5.6km az=155.0, etc.

ISC 14 18:52:03.2±1.5, 36.77N±10.17, 70.49E±0.08, h204km, n33, ±131/37, mb3.7/7, 4C-9D, Hindu Kush region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, etc. Lists stations like DZET, SFK, AML, etc.

Table with columns: NOA, NORSAR Array B, TOR, WRA, ASAR. Includes station names, coordinates, and time/residual data.

ISCJB 14 19:10:22.0.0.5, 38°18'N, 102°41'30"E, 0.03, h4km, 5km, Error ellipse: s-maj=4.3km s-min=3.6km az=172.5

CSEM 14 19:10:21.5.0.2, 38°18'N, 102°41'26"E, h2km, MD2.7, Error ellipse: s-maj=4.7km s-min=4.3km az=147.0

DDA 14 19:10:22.2, 38°38'N, 141°31'E, h7km, MD2.9, Error ellipse: s-maj=4.7km s-min=4.3km az=147.0

ISC 14 19:10:22.0.0.9, 38°31'N, 102°41'28"E, 0.02, h10km, 8km, n28, e1503/44, Turkey

Main station list table for Turkey region, including stations like BINGOL, Bingöl, Batman, Batman, etc.

DJA 14 19:12:19.2.0.8, 8°S, 6°10'E, h28km, 8km, M3.6/8, mb4.0/1, MLV3.4/8, Jawa

Station list table for Jawa region, including stations like Cimerak, Cibinong, etc.

NEIC 14 19:13:39.1, 43°55'N, 172°44'E, h14km, ML3.8(WEL), After WEL

NEIC Felt in the Christchurch area, WEL 14 19:13:39.4.0.1, 43°53'N, 172°40'E, h9km, ML3.8/20, 4C-4D

Error ellipse: s-maj=0.4km s-min=0.4km az=90.0, South Island

Main station list table for New Zealand region, including stations like Canterbury Las, McQueen's Vall, etc.

Station list table for Indonesia region, including stations like Wanaka, Earningsleugh, etc.

DJA 14 19:14:28.9.1.2, 9°S, 9°11'E, h30km, 10km, M4.0/14, mb4.7/1, MLV3.7/14, South of Jawa

Station list table for South of Jawa region, including stations like Banyuglugur, Ngawi, etc.

DDA 14 19:26:34.1.0.8, 37°23'S, 74°10'W, h12km, 11km, ML4.1

NEIC 14 19:26:37.9.6.5, 37°21'S, 73°22'W, h30km, 40km, mb4.2/3, Error ellipse: s-maj=35.4km s-min=13.0km az=67.0

ISC 14 19:26:34.5.0.8, 37°23'S, 74°10'W, 0.08, h10km, n31, e163/35, mb4.2/E, off coast of central Chile

Main station list table for Chile region, including stations like San Pedro de C, Cocheque, etc.

Station list table for Indonesia region, including stations like Diyadin, Van, etc.

JMA 14 19:39:46.5.0.1, 31°41'N, 142°59'E, h56km, M3.5, Southeast of Honshu

Station list table for Southeast of Honshu region, including stations like Hachijojimakas, Boso, etc.

ISC 14 19:45:08.4.1.1, 56°09'S, 27°47'W, h0km, mb3.8/3, mb1 4.0/3, mb1mx3.8/17, mbtmp3.8/3, Error ellipse: s-maj=46.0km s-min=32.7km az=88.0, South Sandwich Islands region

Station list table for South Sandwich Islands region, including stations like Vanda, Lapaz, etc.

ISC 14 19:47:12.4.3.7, 5°53'S, 147°15'E, h0km, mb3.2/1, mb1 3.8/3, mb1mx3.4/30, mbtmp3.6/3, ML3.8/1, MS2.7/1, Ms1 2.7/1, ms1mx3.2/12, Error ellipse: s-maj=91.1km s-min=44.4km az=92.0, Eastern New Guinea region

Main station list table for Eastern New Guinea region, including stations like Port Moresby, Warramunga Arr, etc.

BKK 14 19:57:08.5.1.2, 22°N, 7°10'E, h10km, M3.5/4, MLV3.5/4

PLV 14 19:57:09.3.1.4, 21°52'N, 101°30'E, h4km, 17km, ML2.7

ISC 14 19:57:10.1.1.1, 21°48'N, 101°34'E, 0.07, h10km, n8, e217/14, Myanmar-China border region

Main station list table for Myanmar-China border region, including stations like Tuan Giao, Chiangrai, etc.

JMA 14 19:59:08.0.0.2, 31°50'N, 142°36'E, h61km, M3.6, Southeast of Honshu

Station list table for Southeast of Honshu region, including stations like Boso 1, Boso 3, etc.

MEX 14 20:35:13.9.0.5, 18°29'N, 102°53'W, h12km, 5km, MD3.9, Michoacan

Main station list table for Michoacan region, including stations like Arquila, Uruapan, etc.

MEX 14 20:57:12.1.0.8, 17°39'N, 91°38'W, h20km, MD3.9, Mexico-Guatemala border region

Main station list table for Mexico-Guatemala border region, including stations like Comitan, Teguic, etc.

ISCJB 14 21:31:05.2.0.9, 17°9'S, 0°2', 178°5'W, 0.2, h579km, mb4.0/5, Error ellipse: s-maj=31.9km s-min=15.3km az=152.8

AUST 14 21:31:07.9, 18°05'S, 178°47'W, h600km

ISC 14 21:31:10.7.3.5, 18°16'S, 178°50'W, h638km, 41km, mb3.5/5, mb1 3.8/5, mb1mx3.2/21, mbtmp4.4/5, Error ellipse: s-maj=103.9km s-min=15.3km az=157.0

ISC 14 21:31:06.1.0.1, 17°9'S, 0°3', 178°5'W, 0.2, h579km, n24, e1923/27, mb3.8/5, Fiji Islands region

Station list table for Fiji Islands region, including stations like Cobar Meteorol, Mount Surprise, etc.

135A	Vickery Place, baz=13,SNR=8.7	13.88	33	P	Pn	23 35 15.0 -0.3
X29A	Tulia, baz=14,SNR=6.1	13.89	16	P	Pn	23 35 15.6 +0.1
236A	Kathee and baz=13	13.91	37	P	Pn	23 35 15.1 -0.6
GLA	Glamis, baz=11,SNR=6.1	14.11	329	eP	Pn	23 35 19.8 +1.2
GLA	Glamis, baz=11,SNR=6.1	14.11	329	P	Pn	23 35 20.0 +1.4
GLA	Glamis, baz=14,SNR=19	14.11	329	ePn	Pn	23 35 19.8 +1.2
X30A	Coker Ranch, T baz=14,SNR=9.7	14.12	19	P	Pn	23 35 18.3 -0.3
439A	Center Grove, baz=14,SNR=7.3	14.14	45	P	Pn	23 35 18.4 -0.5
338A	Crockett, baz=14	14.17	42	P	Pn	23 35 18.7 -0.6
Y32A	R-V Farms, Ver baz=14,SNR=13	14.20	24	P	Pn	23 35 19.7 0.0
136A	Ennis, baz=14,SNR=9.5	14.27	36	P	Pn	23 35 19.4 -1.3
W18A	Petrified Fore baz=14,SNR=8.7	14.29	348	P	Pn	23 35 22.3 +1.3
W18A	Petrified Fore baz=14,SNR=8.7	14.29	348	ePn	Pn	23 35 22.7 +1.6
Z34A	Collier Ranch, baz=14,SNR=6.8	14.29	30	P	Pn	23 35 20.0 -1.0
AMTX	Amarillo, baz=14	14.31	15	P	Pn	23 35 22.1 +0.8
540X	Amarillo, baz=14	14.31	15	ePn	Pn	23 35 21.8 +0.5
AMTX	Vidor, baz=14	14.32	48	P	Pn	23 35 20.0 -1.3
237A	Washetta, Mont baz=14	14.33	39	P	Pn	23 35 20.6 -0.8
IBP	Imperial Blvd baz=14,SNR=20	14.45	325	P	Pn	23 35 24.5 +1.4
SWSC	Sam W. Stewart baz=14,SNR=9.4	14.51	326	P	Pn	23 35 24.3 +1.0
SWSC	Sam W. Stewart baz=14,SNR=9.4	14.51	326	eP	Pn	23 35 30.0 +0.2
Y33A	Hilltop Ranch, baz=14,SNR=29	14.53	26	eSn	Pn	23 37 54.4 -9.2
W29A	Amrillo, baz=14,SNR=5.4	14.54	15	P	Pn	23 35 22.5 -1.6
W28A	Vega, baz=14	14.55	13	P	Pn	23 35 24.5 0.0
Y12C	Blythe, baz=14,SNR=28	14.56	332	P	Pn	23 35 25.7 +1.2
X31A	McDonald Ranch baz=14,SNR=17	14.57	21	P	Pn	23 35 24.2 -0.6
Z35A	Perchaven, San baz=14,SNR=18	14.58	31	P	Pn	23 35 23.6 -1.2
LTC	Little Chuckwa, baz=14,SNR=18	14.59	330	ePn	Pn	23 35 21.0 -4.0
LTC	Little Chuckwa, baz=14,SNR=18	14.59	330	eSn	Pn	23 37 52.9 -1.3
X32A	Elmer, baz=14,SNR=24	14.63	23	P	Pn	23 35 24.4 -1.1
339A	Huntington, baz=14,SNR=5.1	14.63	44	P	Pn	23 35 24.6 -1.0
440A	Kirbyville, baz=14	14.65	47	P	Pn	23 35 24.4 -1.5
238A	Jacksonville, baz=14	14.74	40	P	Pn	23 35 25.7 -1.3
BAR	Barrett, baz=14,SNR=9.2	14.78	323	ePn	Pn	23 35 27.9 +0.3
137A	Heron Place, G baz=14,SNR=9.2	14.79	37	P	Pn	23 35 26.4 -1.3
MONP	Monument Peak baz=15,SNR=5.5	14.80	325	P	Pn	23 35 29.0 +1.0
NATX	Nacogdoches, baz=14	14.85	42	P	Pn	23 35 27.4 -1.1
NATX	Nacogdoches, baz=14	14.85	42	ePn	Pn	23 35 28.6 +0.1
Y34A	Reagan Ranch, baz=14,SNR=29	14.86	29	P	Pn	23 35 26.5 -2.1
PDMCI	Parker Dam,Lak baz=15,SNR=39	14.86	334	P	Pn	23 35 29.4 +0.7
W30A	Crockett Farms baz=14	14.89	18	P	Pn	23 35 28.4 -0.7
V27A	Dan Oppiter Fa baz=14,SNR=13	14.91	11	P	Pn	23 35 28.7 -0.6
BC3	Big Chuckawall baz=15,SNR=38	14.91	329	P	Pn	23 35 30.3 +0.9
Z36A	Blue Eye, baz=14,SNR=7.0	14.94	34	P	Pn	23 35 28.7 -1.0
V28A	Channing, baz=15,SNR=13	15.02	13	P	Pn	23 35 29.9 -0.9
WUAZ	Wupatki, baz=15,SNR=126	15.04	344	P	Pn	23 35 32.7 +1.3
WUAZ	Wupatki, baz=15,SNR=126	15.04	344	ePn	Pn	23 35 32.5 +1.6
X33A	Lawton, baz=15,SNR=12	15.04	26	P	Pn	23 35 28.9 -2.1
W31A	Holland Ranch, baz=15,SNR=13	15.09	20	P	Pn	23 35 30.5 -1.3
WMOK	Wichita Mounta, baz=15,SNR=13	15.10	24	eP	Pn	23 35 30.2 -1.7
WMOK	Wichita Mounta, baz=15,SNR=13	15.10	24	ePn	Pn	23 35 30.2 -1.7
340A	Eronson, baz=15,SNR=13	15.12	45	P	Pn	23 35 30.1 -2.0
239A	Gary, baz=15	15.14	42	P	Pn	23 35 31.1 -1.4
Y35A	Marietta, baz=15,SNR=32	15.15	31	P	Pn	23 35 31.0 -1.5
103C	Camp Elliot, M baz=15	15.18	323	P	Pn	23 35 33.4 +0.6
IRM	Iron Mountain, baz=15,SNR=100	15.18	331	P	Pn	23 35 34.2 +1.2
138A	Matatal Enter, baz=15,SNR=30	15.22	39	P	Pn	23 35 32.1 -1.3
W32A	Sentinel, baz=15,SNR=40	15.22	22	P	Pn	23 35 33.0 -1.2
V29A	Stinnett, baz=15,SNR=6.5	15.29	15	P	Pn	23 35 33.5 -0.9
Z37A	Pogue Cattle C, baz=15	15.32	36	P	Pn	23 35 33.0 -1.7
X34A	Smith Ranch, M baz=15,SNR=49	15.37	27	P	Pn	23 35 33.5 -1.8
PFO	Pinyon Flat Ob, comp=Z,0.3nm,0.3s,baz=141,slow=13,SNR=26	15.37	326	Pn	LR	23 35 36.2 +0.6
PFO	Pinyon Flat Ob, comp=Z,4um,19.0s,baz=136,slow=30	15.37	326	Pn	LR	23 40 27.7
PFO	Pinyon Flat Ob, comp=Z,686nm,1.0s,SNR=30	15.37	326	Pn	P	23 35 37.9 -2.0
PFO	Pinyon Flat Ob, comp=Z,686nm,1.0s,SNR=30	15.37	326	Pn	P	23 35 37.1 +1.6
PLM	Palomar, baz=15,SNR=34	15.39	325	ePn	Pn	23 35 36.9 +1.0
PLM	Palomar, baz=15,SNR=34	15.39	325	ePn	Pn	23 35 36.9 +1.0
V30A	Spur Ranch, Mi baz=15,SNR=6.4	15.40	17	P	Pn	23 35 35.8 -0.1
BELC	Belle Mtn, Jos baz=15,SNR=30	15.45	328	P	Pn	23 35 35.8 -0.8
Y36A	Durant, baz=15,SNR=45	15.51	33	P	Pn	23 35 34.4 -1.8
U27A	Thompson Grove, baz=15,SNR=49	15.56	10	P	Pn	23 35 37.8 -0.1
X35A	Drake, baz=15,SNR=64	15.58	30	P	Pn	23 35 36.0 -2.2
W33A	Caddo, Fort Co, baz=15,SNR=58	15.59	24	P	Pn	23 35 37.9 -0.3
U28A	Mallet, baz=15,SNR=9.0	15.62	12	P	Pn	23 35 38.7 -0.1
139A	Bunkhouse Ranc, baz=15,SNR=8.3	15.65	40	P	Pn	23 35 37.4 -1.6
V31A	Spring Creek L, baz=15	15.66	20	P	Pn	23 35 38.2 -1.0
Z38A	Mt. Pleasant, baz=15,SNR=8.1	15.71	37	P	Pn	23 35 38.5 -1.3
MURC	Murrieta, baz=16,SNR=12	15.76	324	P	Pn	23 35 41.1 +0.6
V32A	Arapaho, baz=16,SNR=23	15.88	22	P	Pn	23 35 40.8 -1.2
U29A	Oasis Ranch, S baz=16,SNR=7.3	15.90	15	P	Pn	23 35 42.1 -0.2
Y37A	Hugo, baz=15,SNR=151	15.92	34	P	Pn	23 35 41.9 -0.5
GMRC	Granite Mounta, baz=16,SNR=76	15.93	331	P	Pn	23 35 43.9 +1.1
W34A	Bridge Creek, baz=16,SNR=6.9	15.94	26	P	Pn	23 35 40.7 -2.1
W34A	Bridge Creek, comp=Z,538nm,2.1s baz=16,SNR=27	15.94	26	ePn	Pn	23 35 41.7 -1.1
X36A	Centrahoma, baz=16,SNR=7	16.02	31	P	Pn	23 35 42.2 -1.5
T25A	Trinidad, baz=16,SNR=17	16.06	5	P	Pn	23 35 45.0 +0.6
T25A	Trinidad, comp=Z,1um,2.1s baz=16	16.06	5	ePn	P	23 35 46.4 -1.2
SCI	San Clemente I, baz=16	16.08	320	P	Pn	23 35 46.0 +1.5
BBRC	Big Bear Solar, baz=16	16.12	327	P	Pn	23 35 47.0 -1.4
U30A	WK&E Inc. Balk, baz=16	16.14	17	P	Pn	23 35 45.6 +0.3
MVCO	Mesa Verde, baz=16,SNR=48	16.16	354	ePn	Pn	23 35 46.6 +0.8

MVCO	Mesa Verde, baz=16,SNR=48	16.16	354	ePn	Pn	23 35 46.3 +0.5
Z39A	Irene McRaven, baz=16,SNR=15	16.17	39	P	Pn	23 35 44.0 -1.7
T26A	Comanche Natio, baz=16,SNR=75	16.18	8	P	Pn	23 35 45.5 -0.5
T27A	Campo, baz=16,SNR=179	16.20	10	P	Pn	23 35 45.8 -0.3
U31A	Nim Bar Ranch, baz=16,SNR=5.3	16.21	19	P	Pn	23 35 46.0 -0.3
V33A	Lossen Ranch, baz=16,SNR=24	16.25	24	P	Pn	23 35 45.9 -0.8
W35A	Teenshaw, baz=16,SNR=31	16.25	29	P	Pn	23 35 45.4 -1.4
HEC	Hector Ranch, baz=16,SNR=133	16.28	329	P	Pn	23 35 48.3 +1.1
CHNC	Chino, baz=16,SNR=12	16.32	324	eSP	sP	23 36 04.5 +1.7
Y38A	Isabella, baz=16,SNR=12	16.36	36	P	Pn	23 35 45.8 -2.2
T28A	Walsh, baz=16,SNR=19	16.36	12	P	Pn	23 35 47.3 -0.9
FMP	Fort Macarthur, baz=16	16.45	322	P	Pn	23 35 49.1 -0.2
U32A	Winter Ranch, baz=16,SNR=22	16.49	21	P	Pn	23 35 48.6 -1.2
BFSC	Mount Baldy Ra, baz=16,SNR=23	16.49	325	P	Pn	23 35 51.0 +1.0
X37A	Moynt, baz=16,SNR=180	16.52	33	P	Pn	23 35 49.2 -0.9
W36A	Wetumka, baz=16,SNR=51	16.54	30	P	Pn	23 35 48.6 -1.8
V34A	Guthrie, baz=16,SNR=6.6	16.56	26	P	Pn	23 35 49.1 -1.5
V34A	Guthrie, comp=Z,1um,2.1s baz=16	16.56	26	ePn	Pn	23 35 48.8 -1.9
T29A	Hugotun, baz=16	16.57	14	P	Pn	23 35 50.5 -0.3
S22A	4UR Ranch, Cre, baz=16,SNR=66	16.59	358	P	P	23 35 52.7 -0.9
S22A	4UR Ranch, Cre, comp=Z,454nm,1.9s baz=16,SNR=66	16.59	358	ePn	P	23 35 53.6 +0.1
SDCO	Great Sand Dun, baz=16,SNR=161	16.59	2	P	Pn	23 35 52.6 +1.2
SDCO	Great Sand Dun, comp=Z,2um,2.6s baz=16,SNR=161	16.59	2	ePn	Pn	23 35 52.3 +1.0
TUQ	Turquoise Moun, baz=16,SNR=92	16.59	331	P	Pn	23 35 52.3 +1.1
S26A	Kim, baz=16,SNR=60	16.64	8	P	Pn	23 35 52.2 +0.5
RRX	Edison Barstow, baz=16	16.65	328	P	Pn	23 35 52.4 +0.6
T30A	Plains, baz=16,SNR=5.8	16.66	16	P	Pn	23 35 52.4 +0.4
Y39A	Locksburg, baz=16,SNR=64	16.72	38	P	Pn	23 35 50.7 -1.9
PASC	Pasadena Art C, comp=Z,177nm,1.6s baz=16,SNR=13	16.73	324	ePn	Pn	23 35 56.8 +1.9
S27A	Las Animas, baz=16,SNR=9.2	16.78	9	P	Pn	23 35 53.7 +0.2
V35A	Meyer Ranch, C, baz=16,SNR=9.2	16.78	28	P	Pn	23 35 51.6 -1.9
KNB	Kanab, comp=Z,2um,2.8s	16.84	342	ePm	pmax	23 35 56.4 +0.2
KNB	Kanab, comp=Z,2um,2.8s	16.84	342	ePn	P	23 35 56.4 +0.2
U33A	Lingo Farm, He, baz=16,SNR=20	16.85	23	P	Pn	23 35 53.2 -1.2
S28A	Manter, baz=16,SNR=9.0	16.86	12	P	Pn	23 35 53.9 -0.6
X38A	Whitesboro, baz=16,SNR=260	16.86	34	P	Pn	23 35 53.7 -0.8
DECC	Green Verdugo, baz=17	16.87	323	P	Pn	23 35 55.4 +0.8
TEIG	Teipich, comp=Z,1nm,0.3s,baz=287,slow=24,SNR=7.7	16.88	90	Pn	Pn	23 35 53.8 -0.9
TEIG	Teipich, comp=Z,58nm,1.1s	16.88	90	ePn	Pn	23 35 54.2 -0.4
GSC	Goldstone, comp=Z,274nm,1.4s	16.89	329	P	pmax	23 35 56.3 -0.4
GSC	Goldstone, comp=Z,274nm,1.4s	16.89	329	ePn	P	23 35 56.3 -0.4
W37A	Quinton, baz=16,SNR=62	16.93	32	P	Pn	23 35 53.6 -1.7
T31A	Randall Ranch, baz=16,SNR=13	16.94	18	P	Pn	23 35 55.1 -0.3
S29A	Ulysses, baz=17,SNR=16	17.05	14	P	Pn	23 35 56.3 -0.6
U34A	Anderson Ranch, baz=17,SNR=22	17.08	25	Pn	Pn	23 35 55.6 -1.5
U34A	Anderson Ranch, comp=Z,274nm,0.8s	17.08	25	ePn	Pn	23 35 56.7 -0.5
PV01	Paradox Valley, baz=17,SNR=35	17.08	354	ePn	P	23 35 58.9 0.0
PV05	Paradox Valley, baz=17,SNR=35	17.09	352	ePn	P	23 35 59.1 +0.1
EDW2	Edwards Air Fo, baz=17,SNR=51	17.16	326	P	Pn	23 35 59.3 -0.3
BLG	Laguna Peak, baz=17	17.18	322	P	Pn	23 35 59.1 +0.6
SHPR	Sheep Range, baz=17,SNR=25	17.19	335	ePn	P	23 36 00.2 +0.2
V36A	Jenks, baz=17,SNR=25	17.20	30	P	Pn	23 35 57.1 -1.6
S30A	Montezuma, baz=17,SNR=10	17.23	16	P	Pn	23 35 58.2 -0.9
T32A	Huddler Ranch, baz=17,SNR=36	17.25	20	P	Pn	23 35 58.6 -0.7
R26A	Arlington, baz=17,SNR=128	17.31	8	P	Pn	23 36 01.1 -0.2
W38A	Poteau, baz=17,SNR=132	17.34	34	P	Pn	23 35 59.9 -0.5
CCCA	Chir Cany lake, comp=Z,1um,2.1s baz=17,SNR=132	17.34	328	ePn	Pn	23 35 58.2 -2.3
CCCA	Chir Cany lake, comp=Z,1um,2.1s baz=17,SNR=132	17.34	328	eSn	Pn	23 39 10.2 -2.4
U35A	Pawnee, baz=17,SNR=22	17.34	27	P	Pn	23 35 58.2 -2.3
OSI	Osito Adit, baz=17	17.36	323	P	P	23 36 01.6 -0.2
TUL1	Tulsa, baz=17,SNR=33	17.37	30	P	Pn	23 35 59.0 -1.9
TUL1	Tulsa, comp=Z,196nm,1.1s baz=17,SNR=33	17.37	30	ePn	Pn	23 36 00.7 -0.1
PV10	Paradox Valley, baz=17,SNR=33					

14d 23h

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other metrics. Includes stations like Q35A Mercer Eighty, R37A Teagarden Farm, DUG Dugway, N26A Koester Ranch, etc.

2010 SEP

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other metrics. Includes stations like K28A Ten Mile Ranch, AHID Auburn Hatchery, L32A Elgin, WVT Waverly, etc.

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Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other metrics. Includes stations like K1PM Iron Peak, I31A Royce, Wessing, LTIM Timbered Crate, YMR Madison River, etc.

Table with columns: TUZ, Cannon Point, KIWI, MTW, etc. Includes station names, codes, and coordinates.

NCC 15 02:03:35.4, 2.8, 36.99N-70.60E, h0km, mb3.6, mpv3.3, 3C-3D, Error ellipse: s-maj=22.9km s-min=18.3km az=158.0, Hindu Kush region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SFK, MNAS, KK31, AB31.

GEN 15 02:21:14.5, 45.55N-14.62E, h1km, ML4.1
CSEM 15 02:21:17.0, 45.61N-14.24E, h10km, ML4.3/40, Error ellipse: s-maj=1.8km s-min=1.3km az=22.0
LDG 15 02:21:17.0, 45.63N-14.31E, h10km, M3.8/41, Error ellipse: s-maj=2.0km s-min=1.3km az=18.0
PDG 15 02:21:17.9, 45.59N-14.28E, h17km, 1km, ML4.0/11, Error ellipse: s-maj=0.8km s-min=0.9km az=0.0
ROM 15 02:21:17.4, 45.57N-14.28E, h10km, M3.9/26, Error ellipse: s-maj=2.6km s-min=1.2km az=68.0
LJU 15 02:21:17.7, 45.61N-14.27E, h16km, ML3.5
IDC 15 02:21:17.0, 45.63N-14.28E, h0km, mb3.4/3, mb1.3/6, mb1mx3.4/38, mbmp3.4/9, ML3.4/6, MS2.9/4, Ms1.2/9.2, ms1mx2.3/33, Error ellipse: s-maj=1.10km s-min=0.92km az=47.0
ISCJB 15 02:21:17.8, 0.2, 45.575N-0.010, 14.27E-0.01, h25km, 1km, mb3.5/2, Error ellipse: s-maj=1.7km s-min=1.3km az=26.2
SZGRF 15 02:21:18.0, 45.52N-14.59E, h10km, mb3.9, Northwestern Balkan Peninsula
VIE 15 02:21:18.6, 0.4, 45.65N-14.28E, h10km, 2km, mb3.6/9, m4.0/9, Error ellipse: s-maj=3.2km s-min=1.8km az=170.0
PRU 15 02:21:20.0, 45.67N-14.27E, h15km
BEO 15 02:21:20.8, 0.9, 45.78N-14.51E, h14km, 6km, ML3.9/1
STR 15 02:21:26.4, 0.5, 45.64N-13.31E, h10km, M3.8, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0
ISC 15 02:21:18.0, 0.7, 45.62N-0.011-14.26E-0.01, h15km, 4km, m539, r1340/772, 78C-89D, Northwestern Balkan Peninsula

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KNDS, CEY, SKDS, JAVS, TRI, GRSB, VISS, CRNS, LJU, VOJS, VNSD, SABO, PDKS, MOZS, DRE, BOJS, CADS.

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GORS, COLI, LEGS, ROBS, CRES, TLI, OBKA, VINO, BAD, GCIS, BUA, LSR, DOBS, PTCC, GOL, ACOM, MPRI, MYKA, PERS, FUSE, SOKA, BISS, IESO, GROS, STAL, MLNI, POLC, ZOU, CAE, FVI, CSMI, CIMO, CMO, MTL, VARN, KBA, KOGS.

Main table of station data with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ABTA, AGOR, ADRI, CGRP, ARSA, BEHE, RISI, RISM, CMPO, SENI, PANI, AOI, RSM, MARN, DDS, KOSI, FSSB, MOA, MOI, MOJ, MOA, ROVR, BLY, BLS, ARVD, ABSI, RJOB, CING, ROSI, BALD, PIEI, SFI, PARC, WTTA, WTTA, ATPC, WATA, WATA, ATPI, SNTG, BADI, ATFO, RNI, CONA, CRE, SOP, SALO, FDMO, MOSI, MOTA, CESI, CAFI, FETA, POPM, BDI, RETA, RETA, PKST, SARO, MGAB, VALM.

VALM		S	Sn	02 22 42.6	-0.9	PRU	ePG	Pg	02 22 40.3	-3.0	LPL	comp-Z,41nm,0.5s	eSn	Sn	02 23 33.0	-4.3		
PKSM	Moragy	3.12	77	ePn	Pn	PRU	eSn	Sg	02 23 16.0	-0.5	LPL	La Plagne	5.29	272	ePn	Pn	02 22 36.9	+0.4
PKSM				eSn	Pn	PRU	eSg	Sg	02 23 39.8	-1.2	LPL					Pn	02 23 30.0	-4.3
PKSM	Moragy	3.12	77	iP	Pn	comp-Z,162nm,0.8s			02 22 25.7	+0.8	BCI	comp-Z,200m,0.5s	5.30	126	iPn	Pn	02 22 38.5	+1.9
PKSM	Moragy	3.12	77	iP	Pn	SPAK	4.46	1	Pn	Pn	BCI	Bajram Curri	5.30	126	iPn	Pn	02 22 37.5	+1.9
PKSM				eSn	Pn	SPAK	4.50	305	P	Pn	BCI	Moxa	5.33	342	ePn	Pn	02 22 36.2	+0.6
PKSM				S	Sb	PSZ	Piszkesteto	4.50	57	iP	MOX	Moxa	5.33	342	ePn	Pn	02 22 36.2	+0.6
PKSM	Moragy	3.12	77	iP	e	PSZ	Piszkesteto	4.50	57	iP	PEI	Pezze di Greco	5.34	353	ePn	Pn	02 22 35.9	+1.9
PKSM				Pg	Pn	PSZ	Piszkesteto	4.50	57	e	FBE	Freiberg	5.34	354	ePn	Pn	02 22 37.0	+1.9
LNSS	Leonessa	3.14	197	Pg	Pn	PSZ	Piszkesteto	4.50	57	e	MVIF	Mont Vial	5.34	254	P	Pn	02 22 35.9	-1.2
GRAM	Graiana	3.18	251	P	Pn	PSZ	Piszkesteto	4.50	57	e	MVIF	Mont Vial	5.34	254	P	Pn	02 22 35.9	-1.2
GRAM				S	Pn	PSZ	Piszkesteto	4.50	57	e	MVIF	Mont Vial	5.34	254	P	Pn	02 22 35.9	-1.2
SACS	San Casciano d	3.24	212	Pg	Pn	TRUS	Trudelj	4.58	106	iP	MVIF	Mont Vial	5.34	254	P	Pn	02 22 35.9	-1.2
GERC2	comp-Z,155nm,0.8s			ePn	Pn	TRUS	Trudelj	4.58	106	iP	MVIF	Mont Vial	5.34	254	P	Pn	02 22 35.9	-1.2
GERC2	GERESS Array S	3.25	354	ePn	Pn	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
GERC2				eSg	Sn	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
GERC2				eSg	Sn	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
GERC2	GERESS Array S	3.25	354	ePn	Pn	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
GERC2				eSg	Sn	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
GERES	GERESS Array B	3.25	354	ePn	Pn	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
GERES	comp-Z,3.2nm,0.3s,baz=170,slow=14,SNR=63			Pg	Pn	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
GERES	comp-Z,9.5nm,0.3s,baz=170,slow=12,SNR=34			Pg	Pn	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
GERES	comp-Z,16nm,0.3s,baz=173,slow=27,SNR=7.5			Lg	Lg	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
DAVOX	comp-Z,9.2nm,0.3s,baz=65,slow=30,SNR=5.7			Pn	Pn	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
DAVOX	DavosDischmat	3.26	293	Pn	Pn	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
DAVOX	comp-Z,6.8nm,0.3s,baz=119,slow=15,SNR=63			Pg	Pn	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
DAVOX	comp-Z,20nm,0.3s,baz=104,slow=19,SNR=60			Pg	Pn	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
DAVOX	comp-Z,12nm,0.3s,baz=208,slow=20,SNR=2.4			Sn	Sn	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
DAVOX	comp-Z,12nm,0.3s,baz=112,slow=24,SNR=2.2			Lg	Lg	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
DAVOX	comp-Z,148nm,18.7s,baz=150,slow=44			LR	LR	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
CODM	Codolo	3.36	250	S	Pn	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
CODM				S	Pn	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
PKSG		3.36	57	ePn	Pn	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
PKSG		3.36	57	ePn	Pn	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
PKSG		3.36	57	ePn	Pn	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
DAVA	Damuels	3.46	300	ePn	Pn	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
DAVA	Damuels	3.46	300	ePn	Pn	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
DAVA	comp-Z,1.3nm,0.2s,SNR=7.6			Pn	Pn	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
DAVA	Damuels	3.46	300	Pn	Pn	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
DAVA	comp-Z,13nm,0.2s,SNR=7.6			Pn	Pn	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
KHC	Kasperske Hory	3.55	353	ePn	Pb	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
KHC				ePn	Pb	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
KHC				eSn	Sg	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
KHC				eSg	Sg	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
KHC	comp-Z,131nm,0.6s			Pn	Pn	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
KHC	Kasperske Hory	3.55	353	Pg	Pb	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
KHC				Sn	Sg	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
KHC				Sg	Sg	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
PKS2	KeceI	3.56	74	ePn	Pn	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
PKS2				eSn	Pn	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
PKS2				e	Pn	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
SMOL	Smolenice	3.62	36	ePn	Pg	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
SMOL				ePn	Pg	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
SMOL				eSg	Sg	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
SMOL	Wettzell	3.65	346	ePn	Pn	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
WET				eSn	Pn	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
WET	Wettzell	3.65	346	ePn	Pn	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
WET				eSn	Pn	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
PKS7	Kunszentmiklos	3.69	65	ePn	Pn	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
STON	Ston	3.69	137	ePn	Pn	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
STON	Ston	3.69	137	ePn	Pn	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
TREC	Trest	3.77	12	ePn	Pn	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
TREC				ePn	Pn	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
TREC				ePn	Pn	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
TREC				ePn	Pn	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
TREC	comp-Z,37nm,0.6s			Pn	Pn	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
TREC	Trest	3.77	12	Pn	Pg	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
TREC				Pg	Pn	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
TREC				Sg	Sg	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
PKS6	Bocsa	3.82	73	ePn	Pn	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
PKS6				eSn	Pn	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
PKS6	Bocsa	3.82	73	e	Pn	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
PKS6				e	Pn	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
FGSL	Fruska Gora	3.94	95	ePn	Pn	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
FRGS	Fruska Gora	3.94	95	ePn	Pn	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
VRAC	comp-Z,4.1nm,0.3s,baz=203,slow=14,SNR=36			Pg	Pn	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
VRAC	comp-Z,5.1nm,0.3s,baz=207,slow=15,SNR=14			Pg	Pn	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
VRAC	comp-Z,2.8nm,0.3s,baz=123,slow=21,SNR=4.0			Lg	Lg	MANZ	Manzenberg	4.61	342	ePn	MBDF	Montbardon	5.37	263	ePn	Sn	02 23 35.1	-4.1
VRAC	comp-Z,3.6nm,																	

WTTA	Wattenberg	2.48 313	ePn	Pn	02 30 57.1 +2.5
WTTA	Wattenberg	2.48 313	Pg	Pn	02 30 55.8 +1.2
comp=Z,27nm,0.7s					
WTTA	Wattenberg	2.48 313	ePn	Pn	02 30 57.1 +2.5
MAGA	Magas	2.57 275	Pg	Pn	02 30 56.5 +0.7
GERESS	GERESS Array S	3.28 353	ePn	Pn	02 31 06.7 +1.2
GERESS	GERESS Array S	3.28 353	ePn	Pn	02 31 06.7 +1.2
KHC	Kasperske Hory	3.57 353	ePn	Pn	02 31 19.7 +2.1
KHC	KHC	ex	S	X	02 31 21.6
KHC	KHC	eS	S	S	02 31 15.6 +0.2
KHC	KHC	eS	S	S	02 32 07.9 -1.6
KHC	Kasperske Hory	3.57 353	Pn	Pn	02 31 10.6 +1.1
SMOL	Smolence	3.63 35	ePn	Pn	02 31 11.5 +1.2
SMOL	Smolence	3.63 35	ePn	Pn	02 31 11.5 +1.2
SMOL	SMOL	3.68 345	ePn	Pn	02 31 23.6 -0.8
WET	Wetzell	3.68 345	ePn	Pn	02 31 12.9 +1.9
WET	Wetzell	3.68 345	ePn	Pn	02 31 12.9 +1.9
GOPC	GO Pecny, Ondr	4.34 4	eSg	Sg	02 32 31.5 -2.5
GOPC	GO Pecny, Ondr	4.34 4	eSg	Sg	02 32 31.5 -2.5
PRU	Pruhonic	4.40 2	ePn	Pn	02 31 35.4 +3.7
PRU	PRU	eS	S	S	02 32 12.3 +0.6
PRU	PRU	eS	S	S	02 32 34.0 -2.1
PRU	Pruhonic	4.40 2	Pg	Pb	02 31 35.4 +3.7
PRU	PRU	eS	S	S	02 32 12.3 +0.6
PRU	PRU	eS	S	S	02 32 34.0 -2.1
PRA	Prague	4.48 1	eSg	Sg	02 32 36.3 -2.3
PRA	Prague	4.48 1	eSg	Sg	02 32 36.3 -2.3
KRLC	Kralicky	4.79 20	eSg	Sg	02 32 45.8 -2.8
KRLC	Kralicky	4.79 20	eSg	Sg	02 32 45.8 -2.8
LNKC	Novy Kostel	4.80 346	eSg	Sg	02 32 21.3 -0.3
LNKC	Novy Kostel	4.80 346	eSg	Sg	02 32 21.3 -0.3
LNKC	Novy Kostel	4.84 2	eSg	Sg	02 32 21.3 -0.3
PVCC	Panska Ves	4.94 2	eSg	Sg	02 32 51.0 -2.4
PVCC	Panska Ves	4.94 2	eSg	Sg	02 32 51.0 -2.4
DPK	Dobruska-Polom	4.95 15	eSg	Sg	02 32 51.0 -2.4
DPK	Dobruska-Polom	4.95 15	eSg	Sg	02 32 51.0 -2.4
LNSR	Liptovska Anna	5.05 13	eSg	Sg	02 32 54.0 -2.9
LNSR	Liptovska Anna	5.05 13	eSg	Sg	02 32 54.0 -2.9
UPC	Upec	5.05 13	eSg	Sg	02 32 54.0 -2.9
UPC	Upec	5.05 13	eSg	Sg	02 32 54.0 -2.9
BRG	Bergjesshubel	5.29 358	eSg	Sg	02 33 03.7 -0.8
BRG	Bergjesshubel	5.29 358	eSg	Sg	02 33 03.7 -0.8
LPG	La Plagne	5.29 272	ePn	Pn	02 31 33.4 0.0
LPG	La Plagne	5.29 272	ePn	Pn	02 31 33.4 0.0
LPG	LPG	eS	S	S	02 32 29.7 -4.3
LPG	La Plagne	5.29 272	ePn	Pn	02 31 33.4 0.0
LPG	LPG	eS	S	S	02 32 29.7 -4.3
LPL	La Plagne	5.30 272	ePn	Pn	02 31 33.7 +0.2
LPL	La Plagne	5.30 272	ePn	Pn	02 31 33.7 +0.2
LPL	LPL	eS	S	S	02 32 29.8 -4.4
LPL	La Plagne	5.30 272	ePn	Pn	02 31 33.7 +0.2
LPL	LPL	eS	S	S	02 32 29.8 -4.4
MBDF	Montbardon	5.38 263	ePn	Pn	02 31 33.4 -1.1
MBDF	Montbardon	5.38 263	ePn	Pn	02 31 33.4 -1.1
MBDF	MBDF	eS	S	S	02 32 31.7 -4.4
MBDF	Montbardon	5.38 263	ePn	Pn	02 31 33.4 -1.1
MBDF	Montbardon	5.38 263	ePn	Pn	02 31 33.4 -1.1
CDF	Champ du Feu	5.56 303	ePn	Pn	02 31 37.0 +0.1
CDF	Champ du Feu	5.56 303	ePn	Pn	02 31 37.0 +0.1
CDF	CDF	eS	S	S	02 32 35.3 -5.0
CDF	Champ du Feu	5.56 303	ePn	Pn	02 31 37.0 +0.1
CDF	Champ du Feu	5.56 303	ePn	Pn	02 31 37.0 +0.1
HINF	Hinterfeld	5.57 296	ePn	Pn	02 31 37.6 +0.6
HINF	Hinterfeld	5.57 296	ePn	Pn	02 31 37.6 +0.6
HINF	HINF	eS	S	S	02 32 35.7 -4.9
HINF	Hinterfeld	5.57 296	ePn	Pn	02 31 37.6 +0.6
HINF	Hinterfeld	5.57 296	ePn	Pn	02 31 37.6 +0.6
CLL	Collin	5.78 352	eSg	Sg	02 33 20.0 -0.3
CABF	La Chapelle	5.79 283	ePn	Pn	02 31 40.9 +0.9
CABF	La Chapelle	5.79 283	ePn	Pn	02 31 40.9 +0.9
CABF	CABF	eS	S	S	02 32 41.2 -4.8
CABF	La Chapelle	5.79 283	ePn	Pn	02 31 40.9 +0.9
CABF	La Chapelle	5.79 283	ePn	Pn	02 31 40.9 +0.9
HAU	Haudompre	5.96 297	ePn	Pn	02 31 42.2 -0.1
HAU	Haudompre	5.96 297	ePn	Pn	02 31 42.2 -0.1
HAU	HAU	eS	S	S	02 32 44.5 -5.5
HAU	Haudompre	5.96 297	ePn	Pn	02 31 42.2 -0.1
HAU	Haudompre	5.96 297	ePn	Pn	02 31 42.2 -0.1
ORIF	Oris-en-Rattie	5.97 266	ePn	Pn	02 31 43.9 +1.4
ORIF	Oris-en-Rattie	5.97 266	ePn	Pn	02 31 43.9 +1.4
ORIF	ORIF	eS	S	S	02 32 45.6 -4.9
ORIF	Oris-en-Rattie	5.97 266	ePn	Pn	02 31 43.9 +1.4
ORIF	Oris-en-Rattie	5.97 266	ePn	Pn	02 31 43.9 +1.4
LMR	La Moure	6.00 251	ePn	Pn	02 31 41.8 -1.1
LMR	La Moure	6.00 251	ePn	Pn	02 31 41.8 -1.1
LMR	LMR	eS	S	S	02 32 45.6 -5.6
LMR	La Moure	6.00 251	ePn	Pn	02 31 41.8 -1.1
LMR	La Moure	6.00 251	ePn	Pn	02 31 41.8 -1.1
SMRF	Simiane la Rot	6.40 258	ePn	Pn	02 31 47.1 -1.3
SMRF	Simiane la Rot	6.40 258	ePn	Pn	02 31 47.1 -1.3
SMRF	SMRF	eS	S	S	02 32 56.3 -4.8
SMRF	Simiane la Rot	6.40 258	ePn	Pn	02 31 47.1 -1.3
SMRF	Simiane la Rot	6.40 258	ePn	Pn	02 31 47.1 -1.3
VIVF	Saint-Julien-I	6.83 267	ePn	Pn	02 31 54.1 -0.1
VIVF	Saint-Julien-I	6.83 267	ePn	Pn	02 31 54.1 -0.1
VIVF	VIVF	eS	S	S	02 32 05.8 -5.7
VIVF	Saint-Julien-I	6.83 267	ePn	Pn	02 31 54.1 -0.1
VIVF	Saint-Julien-I	6.83 267	ePn	Pn	02 31 54.1 -0.1
SMF	Signal de Mont	7.33 282	ePn	Pn	02 32 00.7 -0.4
SMF	Signal de Mont	7.33 282	ePn	Pn	02 32 00.7 -0.4
SMF	SMF	eS	S	S	02 33 17.9 -6.0
SMF	Signal de Mont	7.33 282	ePn	Pn	02 32 00.7 -0.4
SMF	Signal de Mont	7.33 282	ePn	Pn	02 32 00.7 -0.4
AVF	Avril sur Loir	7.68 283	ePn	Pn	02 32 06.8 +0.9
AVF	Avril sur Loir	7.68 283	ePn	Pn	02 32 06.8 +0.9
AVF	AVF	eS	S	S	02 33 26.2 -6.2
AVF	Avril sur Loir	7.68 283	ePn	Pn	02 32 06.8 +0.9
AVF	Avril sur Loir	7.68 283	ePn	Pn	02 32 06.8 +0.9

TBLG	Vladikavkaz	0.69 11	i/Pg	Sb	02 37 37.5 +0.1
VLRK	Vladikavkaz	0.69 11	i/Pg	Sb	02 37 37.5 +0.1
VLRK	VLRK	i/S	Pb	Pb	02 37 37.9 -0.3
VLRK	Vladikavkaz	0.69 11	i/Pg	Sb	02 37 37.5 +0.1
KMGR	Komgaron	0.74 22	i/Sg	Sb	02 37 37.9 -0.3
KMGR	Komgaron	0.74 22	i/Sg	Sb	02 37 37.9 -0.3
KMGR	KMGR	eS	Sb	Sb	02 37 39.6 0.0
KMGR	Komgaron	0.74 22	i/Pg	Sb	02 37 28.6 -0.5
KMGR	Komgaron	0.74 22	i/Pg	Sb	02 37 28.6 -0.5
KMGR	KMGR	eSg	Sb	Sb	02 37 39.6 0.0
KMGR	Komgaron	0.74 22	i/Pg	Sb	02 37 28.6 -0.5
KMGR	Komgaron	0.74 22	i/Pg	Sb	02 37 28.6 -0.5
ONI	ONI	0.80 286	P	Pg	02 37 29.2 +0.4
ONI	ONI	0.80 286	P	Pg	02 37 29.2 +0.4
ONI	ONI	eS	Sb	Sb	02 37 40.5 -0.8
ONI	ONI	0.80 286	P	Pg	02 37 29.2 +0.4
ONI	ONI	0.80 286	P	Pg	02 37 29.2 +0.4
ONI	ONI	eSg	Pg	Pg	02 37 40.5 -0.8
ARNR	Ardon	0.82 349	i/Pg	Sb	02 37 30.3 -0.2
ARNR	ARNR	eS	Sb	Sb	02 37 42.1 +0.1
ARNR	ARNR	eSg	Pmax	Pmax	
DIGR	Digorskoe uzhe	0.86 308	i/Pg	Pg	02 37 29.6 -0.3
DIGR	Digorskoe uzhe	0.86 308	i/Pg	Pg	02 37 29.6 -0.3
DIGR	DIGR	eS	Sg	Sg	02 37 41.7 +0.7
DIGR	Digorskoe uzhe	0.86 308	i/Pg	Pg	02 37 29.6 -0.3
DIGR	Digorskoe uzhe	0.86 308	i/Pg	Pg	02 37 29.6 -0.3
DIGR	DIGR	eSg	Sg	Sg	02 37 41.7 +0.7
KZR	Kazreti	0.99 183	P	Sb	02 37 32.7 +0.2
KZR	Kazreti	0.99 183	P	Sb	02 37 32.7 +0.2
KZR	KZR	eS	Sb	Sb	02 37 46.4 -0.4
KZR	Kazreti	0.99 183	P	Sb	02 37 32.7 +0.2
KZR	Kazreti	0.99 183	P	Sb	02 37 32.7 +0.2
BTKR	Batakoyurt	1.00 2	ePn	Pg	02 37 34.1 -0.4
BTKR	Batakoyurt	1.00 2	ePn	Pg	02 37 34.1 -0.4
BTKR	BTKR	eS	Sb	Sb	02 37 48.6 -0.6
BTKR	Batakoyurt	1.00 2	ePn	Pg	02 37 34.1 -0.4
BTKR	Batakoyurt	1.00 2	ePn	Pg	02 37 34.1 -0.4
LSNR	Lesken	1.03 332	i/Pg	Sb	02 37 33.8 -0.2
LSNR	Lesken	1.03 332	i/Pg	Sb	02 37 33.8 -0.2
LSNR	LSNR	i/S	Sb	Sb	02 37 47.8 -0.2
LSNR	LSNR	eS	Pmax	Pmax	
LSNR	Lesken	1.03 332	i/Pg	Sb	02 37 33.8 -0.2
LSNR	Lesken	1.03 332	i/Pg	Sb	02 37 33.8 -0.2
LSNR	LSNR	eSg	Sb	Sb	02 37 47.8 -0.2
STDR	Stavd-Durt	1.05 343	i/Pg	Pn	02 37 35.3 +0.2
STDR	Stavd-Durt	1.05 343	i/Pg	Pn	02 37 35.3 +0.2
STDR	STDR	eS	Pn	Pn	02 37 42.1 +0.1
STDR	Stavd-Durt	1.05 343	i/Pg	Pn	02 37 35.3 +0.2
STDR	Stavd-Durt	1.05 343	i/Pg	Pn	02 37 35.3 +0.2
DGRG	David-gareji	1.13 144	P	Sn	02 37 36.2 -0.1
DGRG	David-gareji	1.13 144	P	Sn	02 37 36.2 -0.1
DGRG	DGRG	eS	Sn	Sn	02 37 54.2 +1.9
DGRG	David-gareji	1.13 144	P	Sn	02 37 36.2 -0.1
DGRG	David-gareji	1.13 144	P	Sn	02 37 36.2 -0.1
DGRG	DGRG	eS	Sn	Sn	02 37 54.2 +1.9
DGRG	David-gareji	1.13 144	P	Sn	02 37 36.2 -0.1
DGRG	David-gareji	1.13 144	P	Sn	02 37 36.2 -0.1
AKH	Akhalkalaki	1.22 218	P	Pb	02 37 36.8 -0.5
AKH	Akhalkalaki	1.22 218	P	Pb	02 37 36.8 -0.5
AKH	AKH	eS	Sb	Sb	02 37 53.9 -0.8
AKH	Akhalkalaki	1.22 218	P	Pb	02 37 36.8 -0.5
AKH	Akhalkalaki	1.22 218	P	Pb	02 37 36.8 -0.5
AKH	AKH	eS	Sb	Sb	02 37 53.9 -0.8
NCK	Naichik	1.30 330	i/Pg	Pg	02 37 38.8 +0.4
NCK	Naichik	1.30 330	i/Pg	Pg	02 37 38.8 +0.4
NCK	NCK	eS	Pg	Pg	02 37 44.1 +0.9
NCK	Naichik	1.30 330	i/Pg	Pg	02 37 38.8 +0.4
NCK	Naichik	1.30 330	i/Pg	Pg	02 37 38.8 +0.4
GRO	Groznyy	1.32 44	i/Pg	Sg	02 37 56.4 -0.4
GRO	Groznyy	1.32 44	i/Pg	Sg	02 37 56.4 -0.4
GRO	GRO	eS	Sg	Sg	02 37 38.5 -0.4
GRO	Groznyy	1.32 44	i/Pg	Sg	02 37 56.4 -0.4
GRO	Groznyy	1.32 44	i/Pg	Sg	02 37 56.4 -0.4
GRO	GRO	eSg	Sg	Sg	02 37 56.4 +0.4
TRKR	Terskaya	1.36 7	ePn	Pg	02 37 39.7 +0.1
TRKR	Terskaya	1.36 7	ePn	Pg	02 37 39.7 +0.1
TRKR	TRKR	eS	Sg	Sg	02 37 58.6 +1.3
TRKR	Terskaya	1.36 7	ePn	Pg	02 37 39.7 +0.1
TRKR	Terskaya	1.36 7	ePn	Pg	02 37 39.7 +0.1
TRKR	TRKR	eS	Sg	Sg	02 37 58.6 +1.3
PRTR	Priterechnaya	1.39 354	ePn	Pb	02 37 39.8 -0.3
PRTR	Priterechnaya	1.39 354	ePn	Pb	02 37 39.8 -0.3
PRTR	PRTR	eS	Pb	Pb	02 37 58.6 +0.5
PRTR	Priterechnaya	1.39 354	ePn	Pb	02 37 39.8 -0.3
PRTR	Priterechnaya	1.39 354	ePn	Pb	02 37 39.8 -0.3
PRTR	PRTR	eSg	Sg	Sg	02 37 58.6 +0.5
QZX	Qazax, Azerbai	1.47 153	P	Pn	02 37 40.4 -0.5
QZX	Qazax, Azerbai	1.47 153	P	Pn	02 37 40.4 -0.5
QZX	QZX	i/S	Pn	Pn	02 38 01.1 +0.5
QZX	Qazax, Azerbai	1.47 153	P	Pn	02 3

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

ISCJBJ 15 03:11:10.7, 0.5, 21.17N, 0.04, 106.24W, 0.04, h10km, mb4.0/15, MS3.3/4, Error ellipse: s-maj=7.1km, s-min=3.9km az=42.8

IDC 15 03:11:12.7, 2.1, 21.43N, 106.20W, h0km, mb3.8/3, mb1.4/1.6, mb1mx3.8/2.6, mbtmp3.8/6, ML3.5/3, MS3.2/6, M1 3.2/6, m1mx2.9/2.5, Error ellipse: s-maj=3.4km s-min=2.3, 4km az=23.4

MEX 15 03:11:13.7, 0.5, 21.40N, 106.12W, h6km, 9km, MD4.3 NEIC 15 03:11:14.0, 2.1, 37N, 106.18W, h20km, mb4.0/17, MD4.3(MEX), After MEX.

ISC 15 03:11:19.9, 1.0, 21.20N, 0.09, 106.23W, 0.09, h10km, n184, s145/165, mb4.0/15, MS3.3/4, Off coast of central Mexico

Main table of station data for the 15d 3h period, listing station names, coordinates, and various parameters.

Main table of station data for the 2010 SEP period, listing station names, coordinates, and various parameters.

Main table of station data for the 728 period, listing station names, coordinates, and various parameters.

ISCJBJ 15 03:15:25.8, 0.8, 5.8N, 0.1, 127.1E, 0.1, h83km, mb3.5/5, Error ellipse: s-maj=22.2km s-min=11.2km az=138.7

IDC 15 03:15:29.6, 2.1, 5.96N, 126.97E, h108km, 2.7km, mb3.4/5, mb1.3/6.5, mb1mx3.3/2.3, mbtmp3.7/5, Error ellipse: s-maj=63.4km s-min=18.8km az=66.0

MAN 15 03:15:36.6, 1.7N, 126.43E, h30km, mb4.5, ML3.3, MS3.2 ISC 15 03:15:26.9, 1.0, 5.83N, 0.09, 126.9E, 0.1, h83km, time, s262/16, mb3.4/5, 1C, Mindanao

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MATI Mati, DAV Davao City (W), etc.

NEIC 15 03:26:51.1, 34.69N, 116:31W, h5km, ML2.8(PAS), After PAS. ISC 15 03:26:50.6, 0.9, 34.68N, 0.02, 116:30W, 0.02, h9km, 2.8km, n29, s190/58, Southern California

Main table of station data for the 728 period, listing station names, coordinates, and various parameters.

15d 4h

Table with columns: TXAR, Lajitas Array, 11.69 357 P, Pn, 04 19 44.2 +3.8, etc. Includes rows for TXAR, 734A, 631A, 632A, 531A, 532A, 429A, 534A, JCT, 431A, 433A, 434A, 331A, 330A, 332A, 333A, MNTX, 334A, 231A, 232A, 336A, 233A, 128A, 234A, 130A, WHTX, 131A, ABTX, 133A, 236A, 121A, 134A, 228A, 229A, 230A, 231A, 233A, 234A, 235A, MSTX, 236A, 237A, 238A, 239A, 240A, 241A, 242A, 243A, 244A, 245A, 246A, 247A, 248A, 249A, 250A, 251A, 252A, 253A, 254A, 255A, 256A, 257A, 258A, 259A, 260A, 261A, 262A, 263A, 264A, 265A, 266A, 267A, 268A, 269A, 270A, 271A, 272A, 273A, 274A, 275A, 276A, 277A, 278A, 279A, 280A, 281A, 282A, 283A, 284A, 285A, 286A, 287A, 288A, 289A, 290A, 291A, 292A, 293A, 294A, 295A, 296A, 297A, 298A, 299A, 300A, 301A, 302A, 303A, 304A, 305A, 306A, 307A, 308A, 309A, 310A, 311A, 312A, 313A, 314A, 315A, 316A, 317A, 318A, 319A, 320A, 321A, 322A, 323A, 324A, 325A, 326A, 327A, 328A, 329A, 330A, 331A, 332A, 333A, 334A, 335A, 336A, 337A, 338A, 339A, 340A, 341A, 342A, 343A, 344A, 345A, 346A, 347A, 348A, 349A, 350A, 351A, 352A, 353A, 354A, 355A, 356A, 357A, 358A, 359A, 360A, 361A, 362A, 363A, 364A, 365A, 366A, 367A, 368A, 369A, 370A, 371A, 372A, 373A, 374A, 375A, 376A, 377A, 378A, 379A, 380A, 381A, 382A, 383A, 384A, 385A, 386A, 387A, 388A, 389A, 390A, 391A, 392A, 393A, 394A, 395A, 396A, 397A, 398A, 399A, 400A, 401A, 402A, 403A, 404A, 405A, 406A, 407A, 408A, 409A, 410A, 411A, 412A, 413A, 414A, 415A, 416A, 417A, 418A, 419A, 420A, 421A, 422A, 423A, 424A, 425A, 426A, 427A, 428A, 429A, 430A, 431A, 432A, 433A, 434A, 435A, 436A, 437A, 438A, 439A, 440A, 441A, 442A, 443A, 444A, 445A, 446A, 447A, 448A, 449A, 450A, 451A, 452A, 453A, 454A, 455A, 456A, 457A, 458A, 459A, 460A, 461A, 462A, 463A, 464A, 465A, 466A, 467A, 468A, 469A, 470A, 471A, 472A, 473A, 474A, 475A, 476A, 477A, 478A, 479A, 480A, 481A, 482A, 483A, 484A, 485A, 486A, 487A, 488A, 489A, 490A, 491A, 492A, 493A, 494A, 495A, 496A, 497A, 498A, 499A, 500A, 501A, 502A, 503A, 504A, 505A, 506A, 507A, 508A, 509A, 510A, 511A, 512A, 513A, 514A, 515A, 516A, 517A, 518A, 519A, 520A, 521A, 522A, 523A, 524A, 525A, 526A, 527A, 528A, 529A, 530A, 531A, 532A, 533A, 534A, 535A, 536A, 537A, 538A, 539A, 540A, 541A, 542A, 543A, 544A, 545A, 546A, 547A, 548A, 549A, 550A, 551A, 552A, 553A, 554A, 555A, 556A, 557A, 558A, 559A, 560A, 561A, 562A, 563A, 564A, 565A, 566A, 567A, 568A, 569A, 570A, 571A, 572A, 573A, 574A, 575A, 576A, 577A, 578A, 579A, 580A, 581A, 582A, 583A, 584A, 585A, 586A, 587A, 588A, 589A, 590A, 591A, 592A, 593A, 594A, 595A, 596A, 597A, 598A, 599A, 600A, 601A, 602A, 603A, 604A, 605A, 606A, 607A, 608A, 609A, 610A, 611A, 612A, 613A, 614A, 615A, 616A, 617A, 618A, 619A, 620A, 621A, 622A, 623A, 624A, 625A, 626A, 627A, 628A, 629A, 630A, 631A, 632A, 633A, 634A, 635A, 636A, 637A, 638A, 639A, 640A, 641A, 642A, 643A, 644A, 645A, 646A, 647A, 648A, 649A, 650A, 651A, 652A, 653A, 654A, 655A, 656A, 657A, 658A, 659A, 660A, 661A, 662A, 663A, 664A, 665A, 666A, 667A, 668A, 669A, 670A, 671A, 672A, 673A, 674A, 675A, 676A, 677A, 678A, 679A, 680A, 681A, 682A, 683A, 684A, 685A, 686A, 687A, 688A, 689A, 690A, 691A, 692A, 693A, 694A, 695A, 696A, 697A, 698A, 699A, 700A, 701A, 702A, 703A, 704A, 705A, 706A, 707A, 708A, 709A, 710A, 711A, 712A, 713A, 714A, 715A, 716A, 717A, 718A, 719A, 720A, 721A, 722A, 723A, 724A, 725A, 726A, 727A, 728A, 729A, 730A, 731A, 732A, 733A, 734A, 735A, 736A, 737A, 738A, 739A, 740A, 741A, 742A, 743A, 744A, 745A, 746A, 747A, 748A, 749A, 750A, 751A, 752A, 753A, 754A, 755A, 756A, 757A, 758A, 759A, 760A, 761A, 762A, 763A, 764A, 765A, 766A, 767A, 768A, 769A, 770A, 771A, 772A, 773A, 774A, 775A, 776A, 777A, 778A, 779A, 780A, 781A, 782A, 783A, 784A, 785A, 786A, 787A, 788A, 789A, 790A, 791A, 792A, 793A, 794A, 795A, 796A, 797A, 798A, 799A, 800A, 801A, 802A, 803A, 804A, 805A, 806A, 807A, 808A, 809A, 810A, 811A, 812A, 813A, 814A, 815A, 816A, 817A, 818A, 819A, 820A, 821A, 822A, 823A, 824A, 825A, 826A, 827A, 828A, 829A, 830A, 831A, 832A, 833A, 834A, 835A, 836A, 837A, 838A, 839A, 840A, 841A, 842A, 843A, 844A, 845A, 846A, 847A, 848A, 849A, 850A, 851A, 852A, 853A, 854A, 855A, 856A, 857A, 858A, 859A, 860A, 861A, 862A, 863A, 864A, 865A, 866A, 867A, 868A, 869A, 870A, 871A, 872A, 873A, 874A, 875A, 876A, 877A, 878A, 879A, 880A, 881A, 882A, 883A, 884A, 885A, 886A, 887A, 888A, 889A, 890A, 891A, 892A, 893A, 894A, 895A, 896A, 897A, 898A, 899A, 900A, 901A, 902A, 903A, 904A, 905A, 906A, 907A, 908A, 909A, 910A, 911A, 912A, 913A, 914A, 915A, 916A, 917A, 918A, 919A, 920A, 921A, 922A, 923A, 924A, 925A, 926A, 927A, 928A, 929A, 930A, 931A, 932A, 933A, 934A, 935A, 936A, 937A, 938A, 939A, 940A, 941A, 942A, 943A, 944A, 945A, 946A, 947A, 948A, 949A, 950A, 951A, 952A, 953A, 954A, 955A, 956A, 957A, 958A, 959A, 960A, 961A, 962A, 963A, 964A, 965A, 966A, 967A, 968A, 969A, 970A, 971A, 972A, 973A, 974A, 975A, 976A, 977A, 978A, 979A, 980A, 981A, 982A, 983A, 984A, 985A, 986A, 987A, 988A, 989A, 990A, 991A, 992A, 993A, 994A, 995A, 996A, 997A, 998A, 999A, 1000A.

2010 SEP

Table with columns: T28A, Walsh, 19.44 2 P, P, 04 21 21.1 +0.9, etc. Includes rows for T28A, V37A, U35A, T31A, V38A, U36A, IRM, T33A, S28A, U37A, S26A, T34A, S29A, T35A, S30A, BELC, MVCO, S31A, U38A, S32A, T36A, S22A, MURC, GMRC, R27A, R26A, S34A, T37A, R28A, OXF, R30A, R31A, S35A, HEC, S36A, R32A, R34A, Q29A, S37A, Q28A, R35A, Q31A, GSC, SHPR, Q33A, R37A, EDW2, Q34A, P27A, P30A, Q35A, P31A, MSU, Q28A, MPMC, FURC, Q27A, P35A, O31A, WVT, Q33A, P36A, O34A, N23A, O35A, R11A, M25A, M26A, N34A, M29A, M33A, TKL, TKL, NVAR, K25A, L33A, K26A, K28A, K22A, K29A, L35A.

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Table with columns: J27A, Elkhorn Farm, 25.57 1 P, P, 04 22 22.5 -0.2, etc. Includes rows for J27A, J26A, J28A, J30A, J29A, KMSC, J34A, I28A, I27A, SFIN, TPAW, LOHW, G26A, G30A, G27A, WVOR, F27A, E26A, E28A, D27A, YBH, K04D, C28A, C30A, C31A, B30A, AGMN, NEWN, LON, DLBC, ILAR, TRF, CPUP, ESDC, ARCES, NOA, WRA, ASAR, HYB.

KRSC 15 04:32:41.5:0.4, 53:91N:159.54E, h9km, 7km, ML3.6, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes rows for KII, SDR, NLC, GSC, SHPR, Q33A, R37A, EDW2, Q34A, P27A, P30A, Q35A, P31A, MSU, Q28A, MPMC, FURC, Q27A, P35A, O31A, WVT, Q33A, P36A, O34A, N23A, O35A, R11A, M25A, M26A, N34A, M29A, M33A, TKL, TKL, NVAR, K25A, L33A, K26A, K28A, K22A, K29A, L35A.

GUC 15 04:34:59.6:0.7, 35:70S:73.03W, h29km, 6km, ML3.8, 2C-2D, Off coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes rows for CCSP, LNCH, TALC, U65B, CHCH, CLCH, PEL, PEL, IDC 15 04:36:16.8:0.9, 36:52N:27.92E, h0km, mb3.5/5, mb1 3.7/12, mb1mx3.6/48, mbtmp3.6/12, ML3.6/7, MS3.1/7, Ms1 3.1/7, ms1mx2.7/38, Error ellipse: s-maj=22.2km, s-min=14.1, 1km az=163.0, ISCJB 15 04:36:18.0:0.4, 36:57N:0.0:22.2792E:0.02, h11km, 3km, mb3.4/5, MS3.1/3, Error ellipse: s-maj=2.6km s-min=2.3km az=0, ISK 15 04:36:17.2, 36:56N:27.90E, h7km, ML3.7, ATH 15 04:36:17.7, 36:63N:27.92E, h19km, 1km, MD3.6/16, CSEM 15 04:36:18.8:0.1, 36:56N:27.94E, h10km, ML4.1, Error ellipse: s-maj=2.7km s-min=2.3km az=7.0, THE 15 04:36:18.3, 36:60N:28.02E, h0km, ML4.1/4, Error ellipse: s-maj=1.5km s-min=0.9km az=65.0, DDA 15 04:36:18.6, 36:61N:27.98E, h7km, ML3.8, HLW 15 04:36:20.3, 36:55N:28.15E, h32km, 56km, Md3.9, ISC 15 04:36:18.8:0.1, 36:59N:0.0:22.2794E:0.01, h10km, 7km,

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like Santorini, Thira Island, Kithira, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Kayabasi, Nisiros, Tasuluk, Karpathos, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Chengkung, ALS, CHNS, ELDTW, etc.

TAP 15 04:41:25.8,24.81N,122.69E,h107km,ML3.6,C
JMA 15 04:41:25.5,0.2,24.76N,122.64E,h117km,2km,M2.6
ISCJB 15 04:41:26.0,0.6,24.76N,122.67E,0.02,

h107km,5km,Error ellipse: s-maj=7.0km s-min=3.0km
az=171.2
ISC 15 04:41:26.5,1.7,24.77N,122.66E,0.03,

h108km,10km,n41,0,057277,1D,Taiwan region
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 YONG, JYNG, YOJ, etc.

AUST 15 04:54:28.4,4.18S,154.57E,h200km
ISCJB 15 04:54:37.5,0.7,6.37S,0.10,152.2E,0.1,h23km,mb4.2/7,

MS2.4/1,Error ellipse: s-maj=18.3km s-min=9.8km
az=40.6
IDC 15 04:54:45.2,5.8,6.35S,152.05E,h74km,46km,mb3.9/7,

mb1.4/1.8,mb1mx3.6/42,mbmp4.2/8,ML2.0/1,MS2.7/2,
Ms1.2/7.2,ms1mx2.5/29,Error ellipse: s-maj=43.5km
s-min=30.7km az=173.0

ISC 15 04:54:38.6,0.9,6.35S,0.1,152.3E,0.1,h23km,n18,
1832/17,mb4.3/7,New Britain region
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 RABL, PMG, QIS, etc.

NEIC 15 05:01:18.4,42.48S,173.75E,h11km,ML4.2(WEL),After
WEL
NEIC FEL [IV] at Kaikoura.

WEL 15 05:01:18.6,0.1,42.45S,173.74E,h14km,ML4.2/39,
1C-2D,Error ellipse: s-maj=1.4km s-min=0.8km az=90.0,
South Island
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 KHZ, KHW, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers. Includes stations like McQueen's Vall, Oxford, Moikau Station, Denniston North, etc.

ISCJB 15 05:03:31.71, 1.4, 34.90S, 0.04, 72.49W, 0.09, h20km, 9km, mb3.9/8, Error ellipse: s-maj=12.3km s-min=5.9km az=16.0

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers. Includes stations like Hualaeo, Talca, Los Niches, Linares, etc.

NEIC 15 05:38:11.8, 42.49S, 173.76E, h10km, ML4.2(WEL), After WEL

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers. Includes stations like Cape Campbell, Tophouse, Tuamarina, etc.

ISCJB 15 05:08:48.6, 6.48S, 130.03E, h100km, ISCJB 15 05:08:49.0, 6.30S, 0.05, 129.94E, 0.07, h146km, Error ellipse: s-maj=10.0km s-min=6.0km az=164.3

339A	Huntington	15.66 356	P	Pn	06 09 21.8 +0.1
340A	Bronson	15.71 358	P	Pn	06 09 21.0 -1.4
338A	Crockett	15.74 354	P	P	06 09 22.4 -0.4
434A	Burnet	15.75 344	P	Pn	06 09 22.5 -0.5
337A	Centerville	15.77 352	P	Pn	06 09 22.4 -0.7
531A	Rockspings	15.88 337	P	Pn	06 09 24.9 +0.3
JCT	Junction City	15.90 339	eP	P	06 09 26.4 -0.1
JCT	Junction City	15.90 339	eP	P	06 09 24.7 -0.1
JCT	Junction City	15.90 339	eP	Pn	06 09 26.4 -0.1
433A	Art	15.93 342	P	Pn	06 09 24.6 -0.5
336A	Riesel	15.99 349	P	Pn	06 09 25.5 -0.4
335A	Moody	16.00 347	P	Pn	06 09 26.0 0.0
NATX	Nacogdoches	16.09 356	P	Pn	06 09 26.1 -1.0
NATX	Nacogdoches	16.09 356	eP	P	06 09 29.0 +0.5
530A	J-C Ranch, Com	16.18 335	P	Pn	06 09 28.8 +0.5
334A	Lometa	16.24 345	P	Pn	06 09 28.6 -0.3
432A	Menard	16.26 340	P	Pn	06 09 28.9 -0.4
239A	Gary	16.33 357	P	Pn	06 09 29.0 -1.1
BRAL	Brewton	16.36 20	eP	P	06 09 31.2 -0.3
238A	Jackson	16.37 355	P	Pn	06 09 30.9 +0.4
431A	Sonora	16.37 337	P	Pn	06 09 30.7 0.0
333A	Richard Sprin	16.43 343	P	Pn	06 09 31.2 -0.2
237A	Washetta, Mont	16.44 353	P	Pn	06 09 30.8 -0.6
236A	Katherine and	16.54 351	P	Pn	06 09 32.1 -0.5
529A	Stev Forest Ra	16.54 332	P	P	06 09 34.2 +0.6
TXAR	Lajitas Arroyo	16.60 327	P	P	06 09 35.8 +1.5
DWPF	Disney	16.63 40	eP	Pn	06 09 32.1 -1.7
WHTX	Lake Whitney	16.69 348	P	P	06 09 35.0 +0.2
WHTX	Lake Whitney	16.69 348	eP	Pn	06 09 36.8 +1.6
430A	Baggett Ranch,	16.70 336	P	P	06 09 35.7 +0.3
VBMS	Vicksburg	16.71 8	P	Pn	06 09 34.4 -0.3
332A	Millersview	16.71 341	P	Pn	06 09 35.0 +0.2
429A	Davenport Ranch	16.83 334	P	P	06 09 37.5 +0.7
234A	Clairette	16.85 346	P	P	06 09 37.0 -0.1
331A	San Angelo	16.87 339	P	Pn	06 09 37.0 +0.2
139A	Bunkhouse Ranch	16.99 357	P	P	06 09 38.0 -0.2
136A	Ennis	17.00 351	P	P	06 09 38.5 0.0
138A	Matatali Enter	17.02 355	P	P	06 09 38.7 -0.1
137A	Heron Place, G	17.02 353	P	P	06 09 38.8 +0.1
233A	Rising Star	17.06 344	P	P	06 09 39.5 +0.2
232A	Coleman	17.15 342	P	P	06 09 40.5 +0.2
330A	Mertzton	17.23 337	P	Pn	06 09 42.2 +1.0
135A	Vickery Place,	17.23 348	P	Pn	06 09 41.1 -0.1
134A	White-Moore Ra	17.39 347	P	Pn	06 09 43.4 +0.4
231A	Bronte	17.41 340	P	P	06 09 44.2 +0.9
239A	Irene McRaven,	17.54 358	P	P	06 09 44.6 +0.1
238A	Mt. Pleasant	17.59 356	P	P	06 09 45.2 +0.1
237A	Pogue Cattle C	17.60 354	P	Pn	06 09 46.0 +0.4
329A	Wagon Wheel Ra	17.62 335	P	Pn	06 09 46.8 +0.8
133A	Hamilton Ranch	17.62 344	P	Pn	06 09 46.5 +0.6
230A	Sterling City	17.64 338	P	Pn	06 09 46.7 +0.5
236A	Blue Ridge	17.77 352	P	Pn	06 09 47.5 -0.1
ABTX	Abilene, Hawle	17.84 343	P	Pn	06 09 49.5 +0.9
ABTX	Abilene, Hawle	17.84 343	eP	Pn	06 09 48.9 +0.4
Z35A	Perchaven, San	17.96 349	P	Pn	06 09 49.9 -0.1
229A	Bryant Ranch,	17.97 336	P	Pn	06 09 51.1 +0.9
LPIG	La Paz	17.99 301	P	P	06 09 53.9 +3.6
TIGA	Trifton	18.09 28	P	P	06 09 49.5 -1.1
TIGA	Trifton	18.09 28	eP	P	06 09 50.5 -0.1
131A	Roby	18.11 341	P	Pn	06 09 52.3 +0.5
234A	Collier Ranch,	18.12 348	P	Pn	06 09 51.7 -0.3
130A	Snyder	18.23 339	P	Pn	06 09 53.1 -0.1
Y39A	Lockesburg	18.23 358	P	P	06 09 52.1 0.0
Z33A	Whitaker Ranch	18.23 345	P	Pn	06 09 53.6 +0.4
Y38A	Idabel	18.25 356	P	P	06 09 52.5 +0.2
Y36A	Durant	18.37 352	P	P	06 09 54.1 +0.5
Y37A	Hugo	18.37 354	P	P	06 09 53.9 +0.2
228A	UT Block 9, Go	18.42 335	P	Pn	06 09 56.3 +0.8
Z32A	Haskell	18.43 344	P	Pn	06 09 55.9 +0.3
Y35A	Marietta	18.48 350	P	Pn	06 09 55.7 -0.5
129A	Stewart Farms,	18.59 337	P	Pn	06 09 57.8 +0.2
Z31A	Sharp Cattle R	18.63 342	P	Pn	06 09 57.6 -0.4
Y34A	Reagan Ranch,	18.66 349	P	P	06 09 57.5 +0.7
128A	Castleberry Fa	18.82 336	P	Pn	06 10 00.6 +0.4
MIAR	Mound Ida	18.83 360	eP	P	06 09 59.0 +0.4
MIAR	Mound Ida	18.83 360	P	P	06 09 59.0 +0.4
MIAR	Mound Ida	18.83 360	eP	Pn	06 09 59.0 +0.4
Y33A	Hiltop Ranch,	18.89 346	P	Pn	06 10 00.4 -0.6
Z30A	Sanderson Ranch	18.91 340	P	P	06 10 00.7 +1.0
X37A	Clayton	18.95 355	P	Pn	06 10 00.9 -0.8
X35A	Drake	18.96 351	P	P	06 10 00.7 +0.7
X38A	Whitesboro	18.99 356	P	P	06 10 01.1 +0.6
X36A	Centrahora	19.04 352	P	P	06 10 01.5 +0.6

UALR	University of	19.08 3	eP	P	06 10 02.0 +0.7
Y32A	R-V Farms, Ver	19.08 344	P	P	06 10 02.4 +0.9
Z29A	Hungry Hill Ra	19.09 338	P	P	06 10 02.2 +0.6
OXF	Oxford	19.13 10	eP	P	06 10 01.7 -0.2
OXF	Oxford	19.13 10	eP	P	06 10 01.7 -0.2
Y31A	Rekieta Farm,	19.27 342	P	Pn	06 10 04.9 -0.6
X34A	Smith Ranch, M	19.30 349	P	P	06 10 04.5 +0.7
Z28A	Tucker Farm, M	19.37 337	P	Pn	06 10 06.1 -0.7
MNTX	Cornudas Mount	19.37 328	P	P	06 10 06.2 -0.6
MNTX	Cornudas Mount	19.37 328	eP	Pn	06 10 06.3 -0.4
X33A	Lawton	19.37 347	P	P	06 10 04.7 0.0
W38A	Poteau	19.38 357	P	P	06 10 05.1 +0.5
Y30A	Stafford Cattl	19.38 341	P	P	06 10 05.9 +1.1
X32A	Elmer	19.44 345	P	P	06 10 06.4 +1.0
W37A	Quinton	19.50 355	P	P	06 10 05.8 -0.2
W36A	Wetumka	19.58 353	P	P	06 10 07.0 +0.1
Y29A	Porterfield Fa	19.62 339	P	P	06 10 08.3 +0.9
WMOK	Wichita Mounta	19.62 347	eP	P	06 10 07.2 -0.2
WMOK	Wichita Mounta	19.62 347	eP	P	06 10 07.2 -0.2
W35A	Tecumseh	19.68 351	P	P	06 10 08.0 +0.1
CPRX	Cap Rock	19.75 333	eP	Pn	06 10 10.8 -0.5
X31A	McDonald Ranch	19.82 344	P	P	06 10 10.8 +1.4
GOGA	Godfrey	19.84 25	eP	P	06 10 08.8 -0.8
GOGA	Godfrey	19.84 25	eP	P	06 10 08.8 -0.8
Y28A	McKinney Farm,	19.87 338	P	P	06 10 11.5 +1.4
X30A	Colt Ranch, T	19.90 342	P	P	06 10 11.8 +1.5
W34A	Bridge Creek,	19.91 349	P	P	06 10 10.8 +0.4
W34A	Bridge Creek,	19.91 349	eP	P	06 10 10.6 +0.2
W33A	Caddo, Fort Co	19.96 348	P	P	06 10 11.6 +0.6
HBAR	Harrisburg	19.98 7	eP	Pn	06 10 10.6 -0.6
LGHN	Locke	20.07 79	eP	Pn	06 10 13.2 -1.8
W32A	Sentinel	20.10 346	P	P	06 10 12.9 +0.4
MSTX	Muleshoe	20.12 337	P	P	06 10 13.5 +0.7
MSTX	Muleshoe	20.12 337	eP	P	06 10 13.7 +0.9
V38A	Canehill	20.16 358	P	P	06 10 12.6 -0.5
X29A	Tulia	20.16 340	P	P	06 10 14.3 +1.0
V36A	Jenks	20.19 354	P	P	06 10 13.3 -0.2
V37A	Hulbert	20.22 356	P	P	06 10 13.6 -0.2
V35A	Meyer Ranch, C	20.27 352	P	P	06 10 13.7 -0.7
TUL1	Tulsa	20.30 354	P	P	06 10 15.0 +0.4
TUL1	Tulsa	20.30 354	eP	P	06 10 14.9 +0.3
W31A	Holland Ranch,	20.33 344	P	P	06 10 15.7 +0.7
X28A	Dimitit	20.40 339	P	P	06 10 16.8 +1.0
V34A	Guthrie	20.45 350	P	P	06 10 15.9 -0.3
V34A	Guthrie	20.45 350	eP	P	06 10 15.8 -0.3
GNAR	Gosnell	20.46 8	eP	P	06 10 16.6 +0.2
W30A	Crocket Farms	20.50 343	P	P	06 10 17.9 +1.0
HALT	Halls	20.51 9	eP	P	06 10 16.5 -0.3
AMTX	Amarillo	20.56 340	P	P	06 10 18.3 +0.8
AMTX	Amarillo	20.56 340	eP	P	06 10 18.7 +1.2
V33A	Lossen Ranch,	20.57 349	P	P	06 10 17.5 0.0
SWET	Swearingen	20.61 18	eP	P	06 10 16.5 -1.5
V32A	Arapaho	20.63 347	P	P	06 10 18.3 +0.1
U38A	Greette	20.73 358	P	P	06 10 18.6 -0.6
U37A	Salina	20.74 356	P	P	06 10 19.0 -0.3
W29A	Amraillo	20.77 341	P	P	06 10 20.8 +1.0
U36A	Oologah	20.77 355	P	P	06 10 20.9 +1.2
V31A	Pawnee	20.86 352	P	P	06 10 20.4 -0.2
U35A	Spring Creek L	20.86 345	P	P	06 10 21.4 +0.7
GLAT	Glass	20.87 9	eP	P	06 10 19.2 -1.5
RGRS	Roger Stewart	20.94 32	eP	P	06 10 21.3 -0.2
WWT	Waverly	21.00 13	eP	P	06 10 20.5 -1.6
WWT	Waverly	21.00 13	eP	P	06 10 20.5 -1.6
WMT	Waverly	21.01 10	eP	P	06 10 21.2 -1.0
U34A	Anderson Ranch	21.04 351	P	P	06 10 23.5 +0.9
U34A	Anderson Ranch	21.04 351	eP	P	06 10 23.1 +0.5
CSU	Charleston Sou	21.07 33	eP	P	06 10 20.6 -2.3
W28A	Vega	21.07 340	P	P	06 10 23.5 +0.4
V30A	Spur Ranch, Mi	21.07 343	P	P	06 10 23.5 +0.5
NHSC	New Hope	21.11 32	eP	P	06 10 22.8 -0.6
U33A	Lingo Farm, Me	21.13 349	P	P	06 10 23.4 -0.1
PBMO	Poplar Bluff	21.22 7	eP	P	06 10 23.3 -1.1
U32A	Winter Ranch,	21.25 347	P	P	06 10 24.6 -0.3
OTAV	Otavao	21.25 135	eP	P	06 10 28.1 +2.6
CPCT	Cooper Cave	21.27 20	eP	P	06 10 23.5 -1.5
121A	Cookes Peak, D	21.30 325	P	P	06 10 28.8 +3.2
T35A	Sooner Cattle	21.37 353	P	P	06 10 24.8 -1.3
V29A	Stinnett	21.42 342	P	P	06 10 27.0 +0.2
U31A	Nine Bar Ranch	21.43 346	P	P	06 10 27.1 +0.3
T37A	Cheneyville 18	21.44 357	P	P	06 10 25.7 -1.1
T36A	Boggs Farm, Ca	21.45 355	P	P	06 10 25.6 -1.3
V28A	Channing	21.53 340	P	P	06 10 29.0 +1.0
T34A	McClaskey Farm	21.56 352	P	P	06 10 27.4 -0.7
ROSC	El Rosal	21.58 118	eP	P	06 10 28.5 -0.4

ROSC	El Rosal	21.58 118	eP	P	06 10 28.3 -0.6

Q28A	Sharon Springs	24.48 344	P	P	06 10 57.1 +0.5	J34A	George	27.64 356	P	P	06 11 23.9 -1.0	F25A	Bowman	31.35 346	P	P	06 11 58.6 +0.8
SDCO	Great Sand Dun	24.49 336	P	P	06 10 58.6 +1.8	K29A	Lizy Trails An	27.67 349	P	P	06 11 25.5 +0.3	D35A	Remer	31.35 359	P	P	06 11 56.2 -1.5
SDCO	Great Sand Dun	24.49 336	eP	P	06 10 58.9 -0.2	J35A	Milford	27.68 357	P	P	06 11 23.8 -1.4	D36A	Park Rapids	31.39 358	P	P	06 11 56.4 -1.7
P30A	Selden	24.56 347	P	P	06 10 57.3 0.0	J33A	Davis	27.75 354	P	P	06 11 25.2 -0.7	ELK	Elko	31.39 327	eP	P	06 11 58.2 -0.2
VWCC	Virginia Weste	24.59 26	P	P	06 10 56.2 -1.3	SRU	San Rafael	27.80 331	eP	P	06 11 29.2 +2.6	ELK	Elko	31.39 327	eP	P	06 11 58.2 -0.2
O33A	Hebron	24.62 352	P	P	06 10 57.3 -0.4	SRU	San Rafael	27.80 331	eP	P	06 11 29.2 +2.6	REDW	Red Top Meadow	31.40 335	eP	P	06 12 00.3 +1.9
O34A	Beatrice	24.62 354	P	P	06 10 56.8 -1.0	K28A	Ten Mile Ranch	27.84 347	P	P	06 11 27.4 +0.7	E28A	Huff	31.44 350	P	P	06 11 57.8 -0.7
O35A	Humboldt	24.63 355	P	P	06 10 56.8 -1.0	AAM	Ann Arbor	27.86 16	eP	P	06 11 47.5 -1.7	SNOW	Snow King Moun	31.44 335	eP	P	06 12 01.1 +2.3
KSCO	Kaye Shedlock	24.66 343	P	P	06 10 59.1 +0.9	J32A	Parkston	27.90 353	P	P	06 11 26.5 -0.7	D36A	Goodland	31.44 0	P	P	06 11 56.6 -1.9
KSCO	Kaye Shedlock	24.66 343	eP	P	06 10 59.2 +1.0	J31A	Geddes	27.93 352	P	P	06 11 27.1 -0.4	E27A	Carson	31.45 349	P	P	06 11 58.9 +0.3
P29A	Atwood	24.77 346	P	P	06 10 59.4 +0.2	L25A	Engelbreten Ra	27.95 343	P	P	06 11 28.8 +0.9	D33A	AnnSam, Waubun	31.47 357	P	P	06 11 57.3 -1.5
Q26A	Hugo	24.84 341	P	P	06 11 00.4 +0.5	K27A	Fleckinger Fa	28.02 346	P	P	06 11 28.5 +0.1	LOHW	Long Hollow	31.51 336	eP	P	06 12 01.2 +1.8
O32A	Brockman Farm,	24.90 351	P	P	06 11 00.4 +0.1	P18A	Preston Nutter	28.08 332	eP	P	06 11 32.0 +2.8	D31A	McClarin, Tow	31.52 354	P	P	06 11 57.9 -1.2
P28A	Saint Francis	24.94 345	P	P	06 11 01.6 +0.9	J30A	Dallis	28.08 351	P	P	06 11 28.6 -0.3	TPAW	Teton Pass	31.54 335	eP	P	06 12 01.9 +2.1
O31A	Woolen Ranch,	24.96 349	P	P	06 11 00.7 -0.2	ECSD	EROS Data Cent	28.14 355	P	P	06 11 28.0 -1.3	NVAR	Mina Arroyo	31.56 321	P	P	06 12 01.3 +1.4
S22A	4UR Ranch, Cre	25.02 334	P	P	06 11 04.2 +2.5	ECSD	EROS Data Cent	28.14 355	eP	P	06 11 28.2 -1.1	E26A	Carlson Angus	31.66 348	P	P	06 12 00.1 -0.4
HDIL	Hopedale	25.08 7	P	P	06 10 59.8 -2.1	MSU	Marysval	28.15 328	eP	P	06 11 33.9 +4.1	MOOV	Moose Ponds	31.68 336	eP	P	06 12 02.5 +1.6
HDIL	Hopedale	25.08 7	eP	P	06 11 00.2 -1.7	MSU	Marysval	28.15 328	eP	P	06 11 33.9 +4.1	D30A	Buchanan	31.69 353	P	P	06 11 59.7 -1.0
O30A	MW Ranch, Wils	25.13 348	P	P	06 11 02.4 0.0	MSU	Marysval	28.15 328	eP	P	06 11 33.9 +4.1	D29A	Pettibone, Tap	31.75 352	P	P	06 12 00.1 -1.2
P27A	Ficken Ranch,	25.15 343	P	P	06 11 03.6 +0.9	I35A	Creekview Farm	28.16 358	P	P	06 11 27.9 -1.6	IMW	Indian Meadow	31.88 336	eP	P	06 12 04.5 +1.8
N35A	Tabor	25.21 356	P	P	06 11 02.1 -0.9	P17A	Butcher Ranch,	28.18 331	eP	P	06 11 32.8 +2.8	E25A	Miller Ranch,	31.88 347	P	P	06 12 02.8 +0.4
O29A	4D Ranch, Culb	25.24 347	P	P	06 11 04.0 +0.6	TMUT	Trail Mountain	28.27 330	eP	P	06 11 47.0 -5.5	FLWY	Flagg Ranch	31.94 336	eP	P	06 12 04.9 +1.7
SFIN	Scholer Farm	25.25 11	P	P	06 11 00.9 -2.5	J29A	Okla	28.30 349	P	P	06 11 30.5 -0.3	NNA	Nana	31.96 148	LR	LR	06 22 05.3
SFIN	Scholer Farm	25.25 11	eP	P	06 11 01.0 -2.4	K25A	Mack Ranch, Ha	28.35 344	P	P	06 11 32.0 +0.7	D28A	Regan	32.02 351	P	P	06 12 03.2 -0.4
N34A	Lincoln	25.25 354	P	P	06 11 03.0 -0.5	J27A	Elkhorn Farm,	28.49 347	P	P	06 11 33.3 +0.7	D27A	Center	32.10 350	P	P	06 12 04.2 -0.1
N33A	J Bar K, Exete	25.25 353	P	P	06 11 03.7 +0.2	J28A	Allard Ranch,	28.49 348	P	P	06 11 33.1 +0.6	LRV	Little Rabbit	32.13 315	eP	P	06 12 07.9 +3.1
CRPR	Cabo Rojo, PR	25.26 81	eP	P	06 11 03.6 -0.1	I30A	Oacoma	28.65 351	P	P	06 11 34.0 +0.1	H17A	Grant Village	32.15 337	P	P	06 12 07.1 +2.1
MVCO	Mesa Verde	25.32 331	P	P	06 11 06.4 +1.9	J26A	Sides Ranch, S	28.80 345	P	P	06 11 36.3 +1.0	H17A	Grant Village	32.15 337	eP	P	06 12 06.9 +1.8
MVCO	Mesa Verde	25.32 331	eP	P	06 11 06.9 +2.5	I29A	Vivian Onida	28.89 350	P	P	06 11 36.0 -0.1	D26A	Manning	32.19 348	P	P	06 12 05.3 +0.2
P26A	Davis Ranch, A	25.37 342	P	P	06 11 06.3 +1.5	H32A	Carlson Farm,	28.97 354	P	P	06 11 35.9 -0.9	BMN	Battle Mountai	32.24 325	eP	P	06 12 09.0 +3.2
N32A	Stulken Farm,	25.39 351	P	P	06 11 04.9 +0.1	H34A	Spellman Lake,	29.00 356	P	P	06 11 35.9 -1.1	BMN	Battle Mountai	32.24 325	eP	P	06 12 09.0 +3.2
Q28A	Divide	25.43 338	P	P	06 11 06.7 +1.3	I28A	Midland	29.03 348	P	P	06 11 37.0 -0.3	C30A	Mose, Pekin	32.25 354	P	P	06 12 04.8 -0.7
Q24A	Krutsinger Ran	25.47 345	P	P	06 11 06.1 +0.6	J25A	Sunshine Ranch	29.05 344	P	P	06 11 38.4 +0.8	EYMN	Ely	32.25 2	P	P	06 12 04.1 -1.5
WUAZ	Wupatki	25.51 324	eP	P	06 11 05.3 -0.7	H31A	Wolsey	29.07 352	P	P	06 11 36.5 -1.1	C31A	Landman Farms,	32.26 355	P	P	06 12 04.5 -1.1
LRS	Lares	25.52 80	eP	P	06 11 05.9 -0.2	H33A	Prehn Over Nor	29.09 355	P	P	06 11 36.3 -1.5	RLMT	Red Lodge	32.30 339	P	P	06 12 07.3 +1.0
N31A	Bailey Ranch,	25.55 350	P	P	06 11 06.4 +0.2	SUSD	South Dakota S	29.09 352	P	P	06 11 37.3 -0.5	RLMT	Red Lodge	32.30 339	eP	P	06 12 07.1 +0.8
O27A	Beecher Island	25.71 344	P	P	06 11 08.5 +0.8	K22A	Casper	29.18 340	P	P	06 11 39.8 +0.9	YFT	Old Faithful	32.30 336	eP	P	06 12 09.5 +3.2
N30A	Hueftle Ranch,	25.73 348	P	P	06 11 08.5 +0.6	K22A	Casper	29.18 340	P	P	06 11 40.1 +1.2	YNR	Norris Juncti	32.46 337	eP	P	06 12 10.6 +2.8
OBIP	Obispado Ponce	25.74 81	eP	P	06 11 08.1 0.0	NLU	North Lily Min	29.20 340	eP	P	06 11 42.3 +3.2	D25A	Fairfield	32.48 347	P	P	06 12 08.3 +0.6
CEL	Cerrillos	25.76 81	eP	P	06 11 08.3 -0.1	I27A	Quinn	29.28 347	P	P	06 11 39.9 +0.4	C28A	Hausauer Farms	32.50 351	P	P	06 12 07.3 -0.5
M35A	Neola	25.81 356	P	P	06 11 08.2 -0.3	H29A	Onit	29.46 350	P	P	06 11 40.3 -0.8	MDND	Maddock	32.52 352	P	P	06 12 07.5 -0.4
N29A	Votaw Ranch, W	25.86 347	P	P	06 11 09.5 +0.4	SPMM	St. Paul	29.50 1	P	P	06 11 39.9 -1.4	MDND	Maddock	32.52 352	eP	P	06 12 07.7 -0.3
M34A	Aspy Farms, F	25.92 355	P	P	06 11 09.5 0.0	SPMM	St. Paul	29.50 1	eP	P	06 11 40.3 -1.0	AGMN	Agassiz Nation	32.63 357	P	P	06 12 07.4 -1.5
N28A	Pribbeno Ranch	25.94 346	P	P	06 11 10.1 +0.3	BLG	Laguna Peak	29.54 313	P	P	06 11 43.4 +1.5	C27A	Saylor Ranch,	32.68 350	P	P	06 12 09.9 -0.1
O26A	Horse Wrangler	25.99 342	P	P	06 11 10.3 -0.1	CTU	Camp Tracy	29.62 331	eP	P	06 11 45.7 +2.9	LAO	LAS Array	32.75 344	P	P	06 12 09.2 -0.1
BGNE	Belgrade	26.00 352	P	P	06 11 10.2 -0.1	CTU	Camp Tracy	29.62 331	eP	P	06 12 06.8 +1.5	B32A	Ashes, Strandq	32.77 356	P	P	06 12 08.8 -1.2
BGNE	Belgrade	26.00 352	eP	P	06 11 10.0 -0.3	I25A	Rochford	29.62 345	P	P	06 11 43.8 +1.1	QLMT	Earthquake Lak	32.85 336	eP	P	06 12 13.5 +2.4
M33A	Taylor Creek F	26.05 353	P	P	06 11 10.6 -0.1	H28A	Mission Ridge	29.65 349	P	P	06 11 42.7 -0.1	B31A	Greenbush Farm	32.88 355	P	P	06 12 10.3 -0.8
M31A	Lambrecht Ranc	26.07 350	P	P	06 11 11.5 +0.7	G30A	Faultkn	29.79 352	P	P	06 11 43.1 -0.9	C26A	Walner Farm, P	32.89 349	P	P	06 12 10.9 -0.3
PV01	Paradox Valley	26.11 332	P	P	06 11 13.7 +2.2	RSSD	Black Hills	29.80 344	eP	P	06 11 45.5 +1.2	B30A	Myrvik Farm, E	32.97 354	P	P	06 12 11.0 -0.9
ACSO	Alum Creek Sta	26.13 18	eP	P	06 11 32.1 -1.6	RSSD	Black Hills	29.80 344	eP	P	06 11 45.5 +1.2	C25A	Freed Ranch, W	33.01 348	P	P	06 12 12.4 +0.2
SJG	San Juan	26.17 81	P	P	06 11 08.1 -3.9	TCUT	Toone Canyon	29.80 332	eP	P	06 11 47.1 +2.6	GCMT	Greycliff	33.02 339	eP	P	06 12 13.6 +1.1
SCIA	State Center	26.18 0	eP	P	06 11 10.7 -1.1	H27A	Hoves	29.82 347	P	P	06 11 44.4 +0.1	B29A	Wagenman Farm,	33.10 353	P	P	06 12 12.4 -0.6
SCIA	State Center	26.18 0	e	P	06 11 34.7	H26A	Fairpoint	29.96 347	P	P	06 11 46.2 +0.6	HLID	Halley	33.10 331	P	P	06 12 15.1 +1.8
SMCO	Snowmass	26.30 336	eP	P	06 11 15.4 +1.9	G29A	Hoven	29.97 351	P	P	06 11 45.0 -0.6	HLID	Halley	33.10 331	eP	P	06 12 15.4 +2.1
N27A	Anderson Farm,	26.30 344	P	P	06 11 14.0 +0.9	G28A	Parade	30.02 349	P	P	06 11 47.0 +0.9	B28A	Dugan Ranch, T	33.22 352	P	P	06 12 14.0 0.0
OGNE	Ogallala	26.31 345	P	P	06 11 13.7 +0.6	GLMI	Grayling	30.12 13	eP	P	06 11 44.5 -1.5	B27A	Peters Farms,	33.31 350	P	P	06 12 14.4 -0.4
OGNE	Ogallala	26.31 345	eP	P	06 11 14.3 +1.2	H25A	Fruitdale	30.16 345	P	P	06 11 48.3 +1.1	A31A	Linda, St. Vin	33.35 355	P	P	06 12 14.2 -0.9
OGNE	Ogallala	26.31 345	eP	P	06 11 35.8 +0.4	F33A	5 Mile Ranch,	30.20 356	P	P	06 11 45.7 -1.9	MCMT	McKenzie Canyo	33.42 335	eP	P	06 12 19.0 +2.9
ISCO	Idaho Springs	26.33 338	eP	P	06 11 15.3 +1.7	HWUT	Hardware Ranch	30.27 332	eP	P	06 11 50.5 +2.1	B26A	Jensen Ranch,	33.45 349	P	P	06 12 15.6 -0.5
ISCO	Idaho Springs	26.33 338	P	P	06 11 14.9 +1.3	BW06	Boulder Arroy	30.38 336	eP	P	06 11 50.5 +1.0	A30A	Hoffart Farm,	33.45 354	P	P	06 12 15.1 -0.9
ISCO	Idaho Springs	26.33 338	eP	P	06 11 15.3 +1.7	PAL	Palisades	30.40 30	eP	P	06 12 10.4 -1.5	B25A	Knox Farm, Ray	33.52 348	P	P	06 12 16.5 -0.2
L34A	Svendens Farm,	26.36 355	P	P	06 11 12.6 -0.9	BINY	Binghamton	30.41 26	eP	P	06 12 11.2 -1.0	A29A	Manning Farm,	33.53 353	P	P	06 12 16.3 -0.5
M30A	Dale-Ortello V	26.41 349	P	P	06 11 13.8 -0.2	BGU	Big Grassy Mou	30.41 330	eP	P	06 11 52.0 +2.2	BOZ	Bozeman (W)	33.61 337	eP	P	06 12 19.1 +1.4
L35A	Bielow Farm, R	26.45 356	P	P	06 11 13.5 -0.7	SPUT	South Promonto	30.43 331	eP	P	06 11 51.5 +1.6	BOZ	Bozeman (W)	33.61 337	eP	P	06 12 19.1 +1.4
PV04	Paradox Valley	26.47 332	eP	P	06 11 17.4 +2.7	F30A	Leola	30.47 352	P	P	06 11 49.9 -0.1	BOZ	Bozeman (W)	33.61 337	eP	P	06 12 19.1 +1.4
M29A	Burnside Ranch	26.48 348	P	P	06 11 15.0 +0.4	G27A	Dupree	30.51 348	P	P	06 11 50.6 +0.2	A28A	Rude Farm, Bot	33.65 352	P	P	06 12 17.1 -0.7
N26A	Koester Ranch,	26.51 343	P	P	06 11 16.0 +1.1	G26A	Maur										

Table of meteorological data for stations 15d 6h, including columns for station name, coordinates, and various parameters like elevation and frequency.

Table of meteorological data for stations 2010 SEP, including columns for station name, coordinates, and various parameters like elevation and frequency.

Table of meteorological data for stations 738, including columns for station name, coordinates, and various parameters like elevation and frequency.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Band, and other parameters. Includes stations like Pasadena Art C, Turquoise Moun, Laguna Peak, etc.

ISC 15 06:10:30.1±1.0, 25.90S; 66.36W, h0km, mb3.8/2, mb1.4/1.5, mb1mx3.7/35, mbmtpp3.9S, ML4.2, MS3.6/4, MS1.3/6.4, ms1mx3.3/20, Error ellipse: s-maj=2.97km s-min=2.43km az=66.0

SJA 15 06:10:33.2±0.9, 25.88S; 66.66W, h10km, ML4.3, MW4.2 ISC 15 06:10:33.4±1.6, 25.92S; 66.64W, h13km, 11km, n39, n139/45, 17D, Slatia Province

Main table of station data with columns: Code, Station Name, Azimuth, Elevation, Frequency, Band, and other parameters. Includes stations like Cafayete, Horco Molle, San Lorenzo, etc.

ISCJB 15 06:12:35.6±0.3, 45.53N; 02.1427E, h16km, 2km, Error ellipse: s-maj=2.9km s-min=1.9km az=2.7 CSEM 15 06:12:35.6±0.1, 45.60N; 14.24E, h10km, ML3.7/29 LJU 15 06:12:35.1, 45.60N; 14.28E, h20km, ML2.8 ROM 15 06:12:35.2±0.3, 45.54N; 14.22E, h6km, 2km, Mds.2/22, M3.2/19, Error ellipse: s-maj=2.9km s-min=2.3km az=63.0 VIE 15 06:12:36.3±0.8, 45.64N; 14.26E, h6km, mb2.6/12, m3.2/13, Error ellipse: s-maj=5.8km s-min=2.9km az=175.0 LDG 15 06:12:37.4±0.3, 45.64N; 14.20E, h10km, M3.1/24, Error ellipse: s-maj=5.7km s-min=3.5km az=104.0 BEO 15 06:12:37.4±1.2, 44.97N; 14.00E, h9km, ML3.2/4 PRU 15 06:12:37.6, 45.69N; 14.33E, h6km SZGRF 15 06:12:39.1, 45.69N; 14.23E, h10km, mb2.7, Northwestern Balkan Peninsula

Main table of station data with columns: Code, Station Name, Azimuth, Elevation, Frequency, Band, and other parameters. Includes stations like Knezi Dol, Skadanscina, Cerknica, etc.

Main table of station data with columns: Code, Station Name, Azimuth, Elevation, Frequency, Band, and other parameters. Includes stations like Bernadia, Gornji Cimik, Dobrina, etc.

15d 6h

Table of astronomical observations for 15 days and 6 hours, listing station names, codes, and various parameters like elevation and signal strength.

2010 SEP

Main table of astronomical observations for 2010 SEP, including station names, codes, and parameters. Includes sub-sections for ISK, CSEM, DDA, NAO, and CRES.

740

Table of astronomical observations for station 740, listing station names, codes, and parameters.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ABTA, CGRP, TEOL, RISI, ROVR, KHC, KHC.

LJU 15 06:21:01.8, 45:60N, 14:29E, h17km, ML2.4
CSEM 15 06:21:02.5, 0.2, 45:59N, 14:30E, h12km, ML3.2/1.7, Error ellipse: s-maj=3.0km s-min=1.8km az=1.0

VIE 15 06:21:03.0, 0.1, 4.45:64N, 14:23E, h8km, mb2.6/1.1, ml2.6/3, Error ellipse: s-maj=9.2km s-min=4.3km az=179.0

ISC 15 06:21:02.6, 0.9, 45:59N, 0:03:14:29E, 0.02, h13km, 5km, n50, c94478, 6C-3D, Northwestern Balkan Peninsula

Main station list table for the left column, including stations like KNDS, BVND, CEY, CEY, SKDS, SKDS, JAVS, JAVS, GBRs, TRI, TRI, VISS, VISS, LJU, LJU, VNSD, SABO, SABO, BOJS, BOJS, PDKS, PDKS, DRE, DRE, CADs, CADs, LEGS, LEGS, COLI, COLI, CRES, CRES, CESS, CESS, OBKA, OBKA, OBKA, OBKA, GCS, GCS, PERS, PERS, PERS, PERS, SOKA, SOKA, SOKA, SOKA, GROs, GROs, MLNI, MLNI, CSMI, CSMI, CSMI, CSMI, ABTA, ABTA, ABTA.

ISCJJB 15 06:23:19.9, 0.7, 42:41N, 0:06:143:94E, 0.07, h60km, mb3.5, MS3.3/3, Error ellipse: s-maj=9.4km s-min=5.8km az=141.3

JMA 15 06:23:19.9, 0.1, 42:39N, 143:90E, h57km, 2km, M3.4, IDC 15 06:23:21.5, 3.0, 42:41N, 143:92E, h45km, 30km, mb3.4/5, mb1 3.7/6, mb1mx3.3/43, mbtmp4.0/12, ML3.9/5, MS4.2/18, Ms1 3.1/4, ms1mx2.6/25, Error ellipse: s-maj=34.2km s-min=31.1km az=124.0

ISC 15 06:23:21.7, 0.9, 42:40N, 0:06:143:94E, 0.06, h60km, n27, c1999:23, mb3.5/5, MS3.3/3, 5C-1D, Hokkaido region

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

Main station list table for the middle column, including stations like JOB, JOB, JEM, JAK, JNBK, JNBK, JAR, JAR, JBT2, JBT2, JNK, JNK, JTKR, JTKR, NEM2, NEM2, JMP, JMP, ASAJ, ASAJ, MJAR, MJAR, MJAR, MJAR, SONM, SONM, H1N2, H1N2, H1N1, H1N1, H1N1, H1N1, H1S3, H1S3, H1S2, H1S2, ILAR, ILAR, BVAR, BVAR, AAK, AAK, PMG, PMG, FINES, FINES, NVAR, NVAR, TXAR, TXAR.

ISCJJB 15 06:33:02.9, 0.3, 7:81S, 0:04:122:51E, 0.04, h226km, mb4.0/10, Error ellipse: s-maj=6.7km s-min=4.1km az=141.7

AUST 15 06:33:05.9, 0.5, 8:05S, 122:47E, h23km, 6km, Error ellipse: s-maj=7.2km s-min=5.5km az=26.0

IDC 15 06:33:06.0, 0.8, 7:87S, 122:65E, h250km, 7km, mb3.8/10, mb1 4.0/14, mb1mx3.7/36, mbtmp4.4/14, Error ellipse: s-maj=22.8km s-min=7.7km az=66.0

DJA 15 06:33:07.4, 0.2, 8:52S, 122:12E, h227km, 3km, M4.1/11, mb4.5/11, mb4.9/12, MLV3.8/2, Mw(m)B4.2/2

ISC 15 06:33:04.9, 0.4, 7:90S, 0:04:122:52E, 0.04, h226km, n71, c1941:66, mb4.0/10, 1C-1D, Flores Sea

Main station list table for the middle column, including stations like MMRI, MMRI, EDFI, EDFI, SOEI, SOEI, SOEI, SOEI, BATI, BATI, BATI, BATI, BSSI, BSSI, BASI, BASI, BKSI, BKSI, KDI, KDI, KAPI, KAPI, SPSI, SPSI, TTSI, TTSI, NLAI, NLAI, LUWI, LUWI, APSI, APSI, JAGI, JAGI, GTOI, GTOI, MTN, MTN, KNRA, KNRA, FITZ, FITZ, FITZ, FITZ, PWJI, PWJI, FAKI, FAKI, FAKI, FAKI, KDU, KDU, NGJI, NGJI, SWI, SWI, PCJI, PCJI, UGM, UGM, WRA, WRA, GIRL, GIRL, WRKA, WRKA, MEEK, MEEK, ASAR, ASAR, ASAR, ASAR, QIS, QIS, COEN, COEN, MORW, MORW, BLDU, BLDU, FORT, FORT, KMBL, KMBL, MTSU, MTSU, KLBR, KLBR, NWA0, NWA0, NWA0, NWA0, RKGY, RKGY, BBOO, BBOO, HTT, HTT, CMSA, CMSA, ARPS, ARPS, CMAR, CMAR, MJAR, MJAR, ODAN, ODAN, PFO, PFO, TAPN, TAPN, RAMM, RAMM.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, h, m, s, ISC. Includes stations like GUN, GUN, PKI, PKI, PKIN, PKIN, KKN, KKN, DMN, DMN, GKN, GKN, KOLN, KOLN, DANN, DANN, USRK, USRK, SONM, SONM, MKAR, MKAR, ZALV, ZALV, VNSA, VNSA, BOSa, BOSa, BRTR, BRTR, TORD, TORD.

IDC 15 06:35:33.5, 1.6, 9:34N, 126:53E, h0km, mb4.1/4, mb1 4.2/5, mb1mx3.8/39, mbtmp4.2/5, ML4.1/1, MS3.1/5, Ms1 3.2/5, ms1mx2.7/39, Error ellipse: s-maj=57.9km s-min=24.5km az=105.0

MAN 15 06:35:38.8, 8:54N, 126:46E, h15km, mb4.8, ML3.8, MS3.8, IDC 15 06:35:36.6, 1.7, 9:04N, 0:05:126:59E, 0.09, h27km, 13km, n26, c1847/20, mb4.1/5, 1C-4D, Mindanao

Main station list table for the right column, including stations like BIPH, BIPH, BUTP, BUTP, BUKP, BUKP, CGP, CGP, MSPL, MSPL, MATI, MATI, DAV, DAV, DAV, DAV, PLP, PLP, CTBH, CTBH, PAGAD, PAGAD, RCP, RCP, KAPI, KAPI, GUMO, GUMO, KSRS, KSRS, USRK, USRK, H1S3, H1S3, H1S1, H1S1, H1S2, H1S2, H1N1, H1N1, H1N2, H1N2, H1N3, H1N3, MKAR, MKAR, ZALV, ZALV, ILAR, ILAR, FINES, FINES, NOA, NOA.

ISCJJB 15 06:46:10.7, 0.4, 29:81N, 0:03:114:16W, 0.03, h10km, mb4.2/17, MS4.2/13, Error ellipse: s-maj=5.0km s-min=2.2km az=31.6

NEIC 15 06:46:11.9, 0.6, 29:81N, 114:24W, h10km, mb4.3/43, MD4.2(MEX), Error ellipse: s-maj=8.8km s-min=4.9km az=212.0

IDC 15 06:46:11.1, 1.1, 0:29:81N, 114:17W, h0km, mb4.1/6, mb1 4.2/12, mb1mx3.9/38, mbtmp4.0/12, ML3.9/5, MS4.2/18, Ms1 4.2/18, ms1mx4.0/40, Error ellipse: s-maj=19.0km s-min=9.0km az=29.0

MEX 15 06:46:12.7, 0.3, 29:97N, 114:11W, h10km, MD4.2, IDC 15 06:46:12.2, 0.6, 29:88N, 0:05:114:21W, 0.04, h10km, n333, c1946/299, mb4.3/17, MS4.2/13, 1C, Baja California

Main station list table for the right column, including stations like SPX, SPX, SPX, SPX, SPIG, SPIG, SPIG, SPIG, SPIG, SPIG, 214A, 214A, HSGI, HSGI, HSGI, HSGI, SRIG, SRIG, SRIG, SRIG, GLA, GLA, GLA, GLA, IBP, IBP, CBX, CBX, CBX, CBX, SWSC, SWSC, BAR, BAR, MONP, MONP, 109C, 109C, BGC, BGC, PFO, PFO, PFO, PFO, PFO, PFO, IRM, IRM, BELC, BELC.

15d 6h

PDMCI	Parker Dam,Lak	4.41	1	P	Pn	06 47 17.1	-2.1
MURC	Murrieta	4.50	326	P	Pn	06 47 18.1	-2.4
GMRC	Granite Mounta	4.04	346	P	Pn	06 47 26.5	-1.5
LDFC	Landfair	5.24	352	ePn	Pn	06 47 29.6	-1.2
MWC	Mount Wilson	5.43	324	ePn	Pn	06 47 33.0	-0.4
PASC	Pasadena Art C	5.45	323	Pn	Pn	06 47 29.9	-3.6
GSC	Goldstone	5.83	339	ePn	Pn	06 47 37.9	-1.0
EDWZ	Edwards Air Fo	5.92	328	P	Pn	06 47 38.3	-1.8
121A	Cookes Peak, D	6.11	63	P	Pn	06 47 41.6	-1.1
121A	Cookes Peak, D	6.11	63	ePn	Pn	06 47 41.2	-1.5
WUAZ	Wupatki	6.11	22	ePn	Pn	06 47 41.7	-1.1
W18A	Petrified Fore	6.45	35	ePn	Pn	06 47 41.4	-1.3
W18A	Petrified Fore	6.45	35	ePn	Pn	06 47 46.0	-1.4
SBC	Santa Barbara	6.52	316	P	Pn	06 47 47.9	-0.3
ARVC	Arvin	6.53	324	P	Pn	06 47 48.4	0.0
SHPR	Sheep Range	6.66	353	ePn	Pn	06 47 49.5	-0.7
LP1G	La Paz	6.72	148	Pn	Pn	06 47 50.7	-0.3
LP1G	3.6nm,0.3s,baz=107,slow=5.9,SNR=6.4			Lg	Lg	06 49 47.2	
MPMC	Manual Prospec	6.75	337	P	Pn	06 47 51.3	-0.3
ISA	Isabella	6.79	329	P	Pn	06 47 51.7	-0.3
ISA	Isabella	6.79	329	ePn	Pn	06 47 50.5	-1.5
PKM	Peak Mountain	6.89	318	P	Pn	06 47 53.7	+0.2
DAC	Darwin (Calif)	6.98	337	Pn	Pn	06 47 51.6	-3.2
VES	Vestal, Richgr	7.22	327	P	Pn	06 47 58.9	+0.8
SLBS	Sierra La Lagu	7.25	147	ePn	Pn	06 48 00.8	+2.5
TPNV	Topopah Spring	7.25	347	P	Pn	06 48 00.9	+0.4
SMMC	Simmler	7.29	319	P	Pn	06 47 59.2	+0.3
Y22D	IRIS PASSCAL I	7.47	54	P	Pn	06 47 59.4	-2.0
LAZ	Ladron	7.50	51	ePn	Pn	06 48 00.6	-1.3
CCUT	Cedar City	7.69	5	ePn	Pn	06 48 04.7	+0.2
LPM	Los Pinos Moun	7.80	54	ePn	Pn	06 48 03.8	-2.2
MNTX	Cornudas Mount	7.81	74	P	Pn	06 48 05.0	-0.9
MNTX	Cornudas Mount	7.81	74	ePn	Pn	06 48 05.1	-0.9
ANMO	Albuquerque	8.27	50	Pn	Pn	06 48 11.5	-1.0
ANMO	0.7nm,0.3s,baz=227,slow=12,SNR=33			Sn	Sn	06 49 44.0	-2.2
ANMO	0.2nm,0.3s,baz=228,slow=7.9,SNR=3.0			Lg	Lg	06 50 33.7	
ANMO	comp=Z,4um,18.4s,baz=240,slow=38			LR	LR	06 51 37.4	
ANMO	Albuquerque	8.27	50	ePn	Pn	06 48 10.5	-2.0
ANMO				Pn	Pn	06 48 11.5	-1.0
ANMO				Sn	Sn	06 49 44.0	-2.2
ANMO				Lg	Lg	06 50 33.7	
R11A	Troy Canyon, C	8.53	353	P	Pn	06 48 15.9	-0.1
R11A	Troy Canyon, C	8.53	353	ePn	Pn	06 48 16.1	+0.2
MVCO	Mesa Verde	8.73	32	P	Pn	06 48 18.4	-0.3
MVCO	Mesa Verde	8.73	32	ePn	Pn	06 48 18.1	-0.6
MSU	Marysval	8.78	11	ePn	Pn	06 48 21.0	+1.6
NVAR	Mina Array Bea	9.18	339	Pn	Pn	06 48 27.1	+2.2
NVAR	0.1nm,0.3s,baz=161,slow=14,SNR=18			Lg	Lg	06 51 04.7	
TXAR	Lajitas Array	9.19	91	Pn	Pn	06 48 24.7	-0.3
TXAR	0.5nm,0.3s,baz=301,slow=13,SNR=36			Sn	Sn	06 50 08.0	-0.6
TXAR	0.4nm,0.3s,baz=269,slow=20,SNR=4.3			Lg	Lg	06 51 01.2	
TXAR	0.6nm,0.3s,baz=271,slow=16,SNR=4.5			LR	LR	06 51 54.7	
PV01	Paradox Valley	9.47	28	ePn	Pn	06 48 28.7	-0.2
PV04	Paradox Valley	9.56	26	ePn	Pn	06 48 30.5	+0.4
CMB	Columbia Colle	9.61	329	ePn	Pn	06 48 31.7	+1.0
SRU	San Rafael	9.70	17	ePn	Pn	06 48 32.6	+0.6
TMUT	Trail Mountain	9.71	14	ePn	Pn	06 48 33.2	+0.9
P17A	Boucher Ranch,	9.99	16	ePn	Pn	06 48 38.1	+2.2
NLU	North Lily Min	10.20	9	ePn	Pn	06 48 47.9	+9.0
P18A	Preston Nutter	10.26	17	P	Pn	06 48 41.4	+1.7
DUG	Dugway	10.36	6	P	Pn	06 48 44.0	+3.0
DUG	Dugway	10.36	6	ePn	Pn	06 48 43.9	+3.0
529A	Stev Forest Ra	10.40	86	P	Pn	06 48 41.5	0.0
128A	Castleberry Fa	10.40	72	P	Pn	06 48 42.1	+0.6
MSTX	Muleshoe	10.54	64	ePn	Pn	06 48 44.9	+1.4
Z28A	Tucker Farm, M	10.64	68	P	Pn	06 48 45.4	+0.6
329A	Wagon Wheel Ra	10.65	78	P	Pn	06 48 44.9	-0.1
SDCO	Great Sand Dun	10.67	40	P	Pn	06 48 46.3	+0.9
SDCO	Great Sand Dun	10.67	40	ePn	Pn	06 48 45.6	+0.1
429A	Davenport Ranch	10.68	83	Pn	Pn	06 48 44.8	-0.5
BMN	Battle Mountai	10.81	348	ePn	Pn	06 48 52.2	+5.0
ELK	Elko	10.87	356	ePn	Pn	06 48 50.6	+2.4
T25A	Trinidad	10.92	46	P	Pn	06 48 51.2	+2.4
Y28A	McKinney Farm,	10.93	65	P	Pn	06 48 50.0	+1.1
BGU	Big Grassy Mou	11.06	5	ePn	Pn	06 48 52.3	+1.6
530A	J-C Ranch, Com	11.16	85	P	Pn	06 48 51.7	-0.2
X28A	Dimmitt	11.18	62	P	Pn	06 48 53.5	+1.4
Z29A	Hungry Hill Ra	11.18	69	P	Pn	06 48 52.6	+0.3
430A	Baggett Ranch,	11.25	82	P	Pn	06 48 52.8	-0.3
330A	Mertzon	11.33	79	P	Pn	06 48 53.9	-0.3
O20A	White River Ci	11.34	24	P	Pn	06 48 55.9	+1.4
O20A	White River Ci	11.34	24	ePn	Pn	06 48 56.0	+1.5
Y29A	Porterfield Fa	11.37	66	P	Pn	06 48 54.6	-0.3
230A	Sterling City	11.43	77	P	Pn	06 48 53.7	-1.9
T26A	Comanche Natio	11.46	48	P	Pn	06 48 57.7	+1.6
X27A	Tulia	11.53	64	P	Pn	06 48 57.7	+0.6
Y29A	Thompson Grove	11.55	53	P	Pn	06 48 58.2	+0.8
AMTX	Amarillo	11.71	62	ePn	Pn	06 48 59.8	+0.4
431A	Sonora	11.79	83	P	Pn	06 49 00.2	-0.3
S26A	Kim	11.80	46	P	Pn	06 49 02.5	+1.7
W29A	Amrillio	11.82	61	P	Pn	06 49 01.9	+0.9
531A	Rocksprings	11.85	85	P	Pn	06 49 00.7	-0.6
HWUT	Hardware Ranch	11.90	10	ePn	Pn	06 49 04.5	+2.4
HVU	Hansel Valley	11.93	5	ePn	Pn	06 49 03.5	+0.9
331A	San Angelo	11.96	80	P	Pn	06 49 02.8	-0.1
ISCO	Idaho Springs	12.15	33	P	Pn	06 49 08.7	+3.0
ISCO	Idaho Springs	12.15	33	ePn	Pn	06 49 08.8	+3.1
R26A	Arlington	12.24	44	P	Pn	06 49 07.9	+1.1
532A	Rocksprings	12.40	85	P	Pn	06 49 09.8	+0.9
Z31A	Sharp Cattle R	12.47	70	P	Pn	06 49 10.3	+0.5

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JCT	Junction City	12.48	84	P	Pn	06 49 10.2	+0.2
JCT	Junction City	12.48	84	ePn	Pn	06 49 09.7	-0.3
432A	Menard	12.49	82	P	Pn	06 49 09.7	-0.4
Q26A	Hugo	12.61	42	P	Pn	06 49 13.9	+0.0
R27A	Eads	12.63	45	P	Pn	06 49 13.4	+1.3
ABTX	Ablene, Hawle	12.76	74	P	Pn	06 49 14.3	+0.5
ABTX	Ablene, Hawle	12.76	74	ePn	Pn	06 49 13.8	0.0
KMRM	Mail Ridge	12.91	326	ePn	Pn	06 49 19.6	+3.7
X31A	McDonald Ranch	12.94	65	P	Pn	06 49 16.0	-0.2
MOD	Modoc	12.97	339	ePn	Pn	06 49 20.1	+3.3
WVOR	Wild Horse Val	13.03	345	ePn	Pn	06 49 19.8	+2.3
833A	Chaparral WMA,	13.05	93	P	Pn	06 49 18.2	+0.4
N02D	Trinity Center	13.05	330	P	Pn	06 49 21.2	+3.4
633A	Saathoff Ranch	13.08	88	P	Pn	06 49 19.0	+0.9
433A	Art	13.09	82	P	Pn	06 49 18.3	-0.1
W31A	Holland Ranch,	13.14	63	P	Pn	06 49 20.2	+1.1
P26A	Davis Ranch, A	13.15	40	P	Pn	06 49 20.9	+1.7
KSCO	Kaye Shedlock'	13.19	43	P	Pn	06 49 21.1	+1.3
KSCO	Kaye Shedlock'	13.19	43	ePn	Pn	06 49 21.8	+2.0
333A	Richland Sprin	13.20	80	P	Pn	06 49 20.7	+1.0
Y32A	R-V Farms, Ver	13.20	68	P	Pn	06 49 20.4	+0.7
233A	Rising Star	13.31	77	P	Pn	06 49 21.0	-0.3
M04C	Macdoel	13.39	335	P	Pn	06 49 25.8	+3.5
BW06	Boulder Array	13.39	15	Pn	Pn	06 49 22.8	+0.2
KHMI	Horse Mountain	13.43	327	ePn	Pn	06 49 24.5	+1.5
M02C	Callahan	13.47	331	P	Pn	06 49 25.7	+2.4
MFID	Camas Ranch	13.57	355	ePn	Pn	06 49 27.1	+2.2
P27A	Ficken Ranch,	13.58	42	P	Pn	06 49 26.7	+1.7
Z33A	Whitaker Ranch	13.60	72	P	Pn	06 49 24.8	-0.4
534A	Blanco	13.64	85	P	Pn	06 49 26.0	+0.1
HLD	Halley	13.66	359	P	Pn	06 49 28.9	+2.7
YBH	Yreka Blue Hor	13.68	332	Pn	Pn	06 49 29.0	+2.6
YBH	0.1nm,0.3s,baz=146,slow=8.2,SNR=14			LR	LR	06 54 55.3	
YBH	Yreka Blue Hor	13.68	332	ePn	Pn	06 49 28.4	+2.0
YBW	Red Top Meadow	13.72	10	ePn	Pn	06 49 30.2	+3.1
434A	Burnet	13.80	82	P	Pn	06 49 27.7	-0.3
TPAW	Teton Pass	13.83	10	ePn	Pn	06 49 32.9	+4.3
334A	Lometa	13.83	80	P	Pn	06 49 28.3	-0.1
SNOW	Snow King Moun	13.84	11	ePn	Pn	06 49 28.9	+0.3
Y33A	Hilltop Ranch,	13.86	69	P	Pn	06 49 28.7	-0.1
J08A	Circle Bar Ran	13.88	347	ePn	Pn	06 49 32.9	+3.8
K05A	Summer Lake	13.90	339	ePn	Pn	06 49 33.8	-4.0
WYOK	Wichita Moun	13.92	66	ePn	Pn	06 49 29.2	-0.4
LOHW	Lewis Hollow	14.01	11	ePn	Pn	06 49 33.5	+2.6
X33A	Lawan	14.09	67	P	Pn	06 49 31.9	0.0
M00A	Moose Ponds	14.12	10	ePn	Pn	06 49 34.2	+1.7
K22A	Casper	14.16	24	ePn	Pn	06 49 34.2	+1.1
IMW	Iron Meadow	14.23	10	ePn	Pn	06 49 35.7	+1.6
FLWY	Flagg Ranch	14.45	10	ePn	Pn	06 49 40.1	+3.1
J05D	Fort Rock, OR	14.51	339	P	Pn	06 49 40.6	+2.8
HUMO	Hull Mountain	14.52	333	ePn	P	06 49 42.4	-2.0
335A	Moody	14.53	80	P	Pn	06 49 37.6	-0.3
WHTX	Lake Whitney	14.53	77	P	Pn	06 49 37.6	-0.4
WHTX	Lake Whitney	14.53	77	ePn	Pn	06 49 37.1	-0.9
Y34A	Reagan Ranch,	14.55	70	P	Pn	06 49 38.0	-0.3
X34A	Smith Ranch, M	14.63	67	P	Pn	06 49 39.8	+0.4
R31A	Burdett	14.76	52	P	Pn	06 49 41.7	+0.5
I07A	Ize	14.79	345	ePn	P	06 49 45.4	-2.2
W34A	Bridge Creek,	14.85	65	ePn	Pn	06 49 43.0	+0.7
Z35A	Perchaven, San	14.85	72	P	Pn	06 49 42.5	+0.1
MCMT	McKenzie Canyo	14.96	4	ePn	Pn	06 49 46.2	+2.3
YMR	Madison River	14.98	9	ePn	Pn	06 49 45.2	+0.9
YNR	Norris Junctio	15.07	10	ePn	P	06 49 48.6	-2.2
QLMT	Earthquake Lak	15.09	8	ePn	P	06 49 49.0	-2.0
Y35A	Marietta	15.13	70	P	Pn	06 49 45.4	-0.6
V34A	Guthrie	15.23	63	P	Pn	06 49 48.0	+0.7
V34A	Guthrie	15.23	63	ePn	Pn	06 49 45.7	-1.6
X35A	Drake	15.28	68	P	Pn	06 49 47.7	-0.3
KEBM	Edson Butte	15.					

MSW	Makushin Swite	1.54	293	P	Pn	07 42 37.0	0.0	
OKFG	Magazine Ridge	1.22	273	P	Pn	07 42 45.2	+0.3	
DT1	Dutton Round H	2.16	34	P	Pn	07 42 45.9	+0.5	
OKTU	Okmok Mt. Tuli	2.20	34	P	Pn	07 42 46.3	+0.3	
DTNA	Dutton South F	2.20	34	P	Pn	07 42 46.3	+0.5	
OKSO	Okmok South	2.27	272	S	Sn	07 42 46.8	-0.1	
OKSE	Okmok Cone E	2.27	274	P	Pn	07 43 15.5	+1.3	
OKAK	Okmok	2.29	277	P	Pn	07 42 47.2	+0.2	
PS4A	Pavlov South-4	2.35	357	P	Pn	07 42 48.9	+0.3	
PS1A	Pavlov South-1	2.59	35	P	Pn	07 42 51.2	+1.2	
NIKH	Nikolski High	2.59	35	P	Pn	07 42 53.5	+1.6	
NKHK	Nikolski	2.72	264	S	Sn	07 42 52.5	0.6	
VNKR	Veniaminof 5	3.97	45	P	Pn	07 43 23.6	+1.2	
VNWF	Veniaminof 8	3.97	43	P	Pn	07 43 11.6	+1.3	
VNSS	Veniaminof 8	4.06	43	P	Pn	07 43 11.3	+1.0	
CHGN	Chignik	4.55	47	P	Pn	07 43 13.7	+1.9	
SPIA	Saint Paul Isl	5.11	321	P	Pn	07 43 19.1	+0.8	
CHIR	Chirikof Islan	5.67	60	P	Pn	07 43 27.2	+1.3	
ATKA	Atka Island	6.07	263	P	Pn	07 43 32.9	-0.6	
KABR	Katmai Barrier	7.16	44	P	Pn	07 43 39.3	+0.3	
GSMY	Great Sitkin Is	7.22	264	P	Pn	07 43 54.4	+0.3	
GCSK	Great Sitkin C	7.29	264	P	Pn	07 43 56.9	+2.0	
ETKA	Kagalaska Isla	7.47	263	P	Pn	07 44 05.6	+0.6	
KAHC	Katmai Hardscr	7.47	41	P	Pn	07 44 00.5	+2.1	
ADAG	Mount Adagadak	7.56	265	P	Pn	07 44 01.0	+2.5	
KICM	Kanaga Island	7.93	265	P	Pn	07 44 07.0	+1.2	
KDKA	Kodiak Island	8.03	52	ePn	Pn	07 44 06.0	+1.4	
GANE	Gareloi Northe	8.90	266	P	Pn	07 44 03.8	-2.2	
RSO	Redoubt South	51mm,0.7s	9.80	268	ePn	Pn	07 44 04.4	-1.5
CERRA	Semis' Rag'd T	9.80	268	P	Pn	07 44 20.9	+2.9	
CESW	Semis' Southwe	9.80	268	P	Pn	07 44 28.6	+1.7	
AMKA	Amchitka	10.18	265	ePn	Pn	07 43 32.4	+2.1	
SEW	Seward	10.62	44	ePn	Pn	07 44 32.9	+1.6	
RC01	Rabbit Creek A	11.08	40	ePn	Pn	07 44 35.5	+0.1	
PPLA	Purkeypile	11.52	29	ePn	Pn	07 44 40.7	-0.9	
PMR	Palmer	11.62	39	eP	Pn	07 44 47.1	-0.7	
PMR	Palmer	comp=Z,5.8nm,0.6s	11.62	39	ePn	Pn	07 44 53.7	-0.2
SML	Sawmill	12.06	39	eP	Pn	07 44 54.1	-1.0	
SML	Sawmill	comp=Z,4.0nm,1.0s	12.06	39	ePn	Pn	07 44 54.1	-1.0
TRF	Thorofare Moun	12.51	30	Pn	Pn	07 44 59.6	-1.5	
ILAR	Eielson Array	14.50	31	Pn	Pn	07 44 59.6	-1.5	
ILAR	Eielson Array	comp=Z,0.2nm,0.3s,baz=228,slow=6.2,SNR=12	14.50	31	Pn	Pn	07 45 31.4	-3.0
ILAR	Eielson Array	comp=Z,0.1nm,0.3s,baz=279,slow=2.7,SNR=4.5	14.50	31	Pn	Pn	07 45 40.0	0.0
ILAR	Eielson Array	comp=Z,1.1um,19.8s,baz=242,slow=46	14.50	31	Pn	Pn	07 51 45.9	0.0
WRAK	Wrangell Islan	18.59	68	eP	Pn	07 46 28.6	+2.1	
DLBC	Dease Lake	19.78	61	eP	Pn	07 46 40.0	-0.9	
DLBC	Dease Lake	comp=Z,0.4nm,0.3s,baz=269,slow=9.8,SNR=23	19.78	61	eP	Pn	07 54 32.6	0.0
DLBC	Dease Lake	comp=Z,7.773nm,18.5s,baz=278,slow=38	19.78	61	eP	Pn	07 46 39.9	-0.9
DLBC	Dease Lake	comp=Z,4.2nm,1.4s	19.78	61	eP	Pn	07 46 40.0	-0.9
DLBC	Bilibino	20.27	328	P	P	07 46 40.2	-2.4	
BILL	Bilibino	comp=Z,1.8nm,0.4s	20.27	328	P	P	07 46 49.3	0.0
BILL	Bilibino	comp=Z,1.1um,20.0s	20.27	328	P	P	07 46 49.3	0.0
BILL	Bilibino	comp=Z,1.1um,20.0s	20.27	328	P	P	07 46 49.3	0.0
INK	Inuvik	20.89	32	P	P	07 46 49.5	-1.6	
BBB	Bella Bella	21.83	78	P	P	07 47 02.0	+0.7	
PETK	Petrovavskok-	22.54	285	P	P	07 47 07.9	-1.0	
PETK	Petrovavskok-	comp=Z,5.8nm,0.6s,baz=97,slow=12,SNR=12	22.54	285	P	P	07 55 35.8	0.0
SEY	Seymchan	24.30	310	P	P	07 47 26.1	-0.1	
SEY	Seymchan	comp=Z,2.0nm,0.5s,baz=92,slow=11,SNR=8.1	24.30	310	P	P	07 47 26.1	-0.1
MA2	Magadan	24.30	310	eP	P	07 47 26.8	+0.6	
NLWA	Neilton Lookou	25.15	302	eP	P	07 47 34.3	+0.3	
A04D	Lummi Island	26.33	83	P	P	07 47 45.5	+1.5	
B05A	Bryant	26.89	84	P	P	07 47 44.6	-0.1	
YKA	Yellowknife Ar	27.30	51	P	P	07 47 50.1	+0.2	
I03D	Drain, OR	28.48	93	P	P	07 47 53.4	+0.1	
G05D	Wamic, OR	28.85	89	P	P	07 48 04.6	+0.6	
I04A	Tendick Farm,	28.98	92	P	P	07 48 07.3	0.0	
L02D	Cave Junction,	29.22	96	P	P	07 48 09.9	+1.3	
HAWA	Hanford	29.32	85	eP	P	07 48 11.3	+0.6	
J04D	Umpqua Nationa	29.48	93	P	P	07 48 12.8	+1.3	
NEW	Newport	29.85	80	P	P	07 48 13.7	+0.5	
NEW	Newport	comp=Z,1.5nm,0.7s,baz=157,slow=3.6,SNR=6.2	29.85	80	P	P	07 48 17.1	+0.8
J05D	Fort Rock, OR	29.98	92	P	P	07 48 16.1	-0.2	
YBH	Yreka Blue Hor	30.00	96	P	P	07 48 19.3	+1.8	
M02C	Callahan	30.12	96	P	P	07 48 18.9	+1.1	
N02D	Trinity Center	30.47	97	P	P	07 48 19.1	+0.3	
M04C	Macdoel	30.49	95	P	P	07 48 23.2	+1.3	
MOD	Modoc	31.34	93	eP	P	07 48 23.2	+1.1	
O03D	Paynes Creek	31.43	97	P	P	07 48 30.9	+1.3	
VVOR	Wild Horse Val	32.02	91	eP	P	07 48 30.4	+0.1	
VVOR	Wild Horse Val	comp=Z,6.0nm,0.9s	32.02	91	eP	P	07 48 37.2	+1.6
VVOR	Wild Horse Val	comp=Z,6.5nm,0.9s	32.02	91	eP	P	07 48 37.2	+1.6
YSS	Yuzh-Sakhalins	33.80	281	eP	P	07 48 37.2	+1.6	
HLID	Hailey	33.91	86	P	P	07 48 52.0	+1.1	
EGMT	Eagleton	34.29	76	P	P	07 48 51.2	-0.9	
NVAR	Mina Array Bea	34.71	97	P	P	07 48 54.3	-0.9	
ELK	Elko	35.08	91	eP	P	07 49 01.2	+2.1	
ELK	Elko	comp=Z,6.5nm,0.7s,baz=302,slow=9.1,SNR=49	35.08	91	eP	P	07 49 03.8	+1.5
ELK	Elko	comp=Z,6.0nm,0.8s	35.08	91	eP	P	07 49 03.8	+1.5
RCTO	Reactor, Farmer	35.56	100	P	P	07 49 03.8	+1.5	
SMMC	Simmler	35.80	102	P	P	07 49 06.8	+0.6	
VES	Vestall, Richgr	35.98	101	P	P	07 49 09.4	+1.1	
RLMT	Red Lodge	36.10	80	P	P	07 49 11.3	+1.6	
CWC	Cottonwood Cre	36.16	99	P	P	07 49 10.9	-0.1	
PKM	Peak Mountain	36.20	102	P	P	07 49 12.5	+0.9	
BGU	Big Grassy Mou	36.29	89	eP	P	07 49 11.9	0.0	
R11A	Troy Canyon, C	36.29	89	eP	P	07 49 13.7	+1.1	
ISA	Isabella	36.46	100	P	P	07 49 14.3	+1.1	
DAC	Darwin (Calif)	36.56	99	eP	P	07 49 14.4	+0.5	
DAC	Darwin (Calif)	comp=Z,5.0nm,0.6s	36.56	99	eP	P	07 49 16.9	+1.9
DAC	Darwin (Calif)	comp=Z,5.4nm,0.6s	36.56	99	eP	P	07 49 16.9	+1.9

MPMC	Manual Prospec	36.77	99	P	P	07 49 17.1	+0.4	
FURC	Furnace Creek,	36.86	98	P	P	07 49 18.5	+1.2	
DUG	Duwai	36.87	90	P	P	07 49 18.7	+1.1	
TPNV	Topopah Spring	36.91	97	P	P	07 49 18.7	+1.1	
LRMC	Laurel Mountain	37.05	100	P	P	07 49 19.1	+1.2	
BLG	Big Lake Peak	37.19	103	P	P	07 49 19.1	0.0	
DGMT	Dagmar	37.27	72	P	P	07 49 20.6	+0.4	
EDW2	Edwards Air Fo	37.28	101	P	P	07 49 20.6	+0.4	
A25A	Svangstou Ranch	37.65	71	P	P	07 49 19.6	-1.1	
GSCA	Goldstone	37.69	99	P	P	07 49 20.6	-0.4	
SHPR	Sheep Range	37.85	96	eP	P	07 49 22.7	-1.3	
BFSC	Mount Baldy Ra	37.93	101	P	P	07 49 25.7	+1.2	
TUQ	Turquoise Moun	38.12	98	P	P	07 49 27.3	+1.4	
CCUT	Cedar City	38.23	93	eP	P	07 49 26.3	-0.2	
A26A	Wade Farm, Kn	38.28	71	P	P	07 49 28.1	-0.1	
HEC	Hector,Ludlow	38.30	99	P	P	07 49 30.8	+1.6	
SCI	San Clemente I	38.30	103	P	P	07 49 29.7	+0.4	
MSU	Marysvale	38.32	91	eP	P	07 49 30.1	+0.5	
MSU	Marysvale	comp=Z,5.0nm,0.6s	38.32	91	eP	P	07 49 30.0	+0.4
MSU	Marysvale	comp=Z,5.3nm,0.6s	38.32	91	eP	P	07 49 31.4	+1.5
BBRC	Big Bear Solar	38.35	100	P	P	07 49 31.4	+1.5	
TMUT	Trail Mountain	38.40	89	eP	P	07 49 30.6	+0.4	
A27A	Ledoux Ranch,	38.70	70	P	P	07 49 30.9	+0.2	
GMRC	Granite Mounta	38.73	99	P	P	07 49 31.8	-0.9	
E25A	Miller Ranch,	38.77	75	P	P	07 49 38.3	+2.1	
C26A	Wahler Farm, P	38.81	72	P	P	07 49 35.8	-0.4	
BELC	Belle Mtn. Jos	39.07	100	P	P	07 49 37.4	-0.1	
PFO	Pinyon Flat Ob	39.08	101	P	P	07 49 36.8	+1.2	
PFO	Pinyon Flat Ob	comp=Z,3.2nm,0.5s,baz=316,slow=3.9,SNR=5.3	39.08	101	P	P	07 49 38.3	+2.1
K22A	Casper	39.14	82	P	P	07 49 35.8	-0.4	
A28A	Rude Farm, Bot	39.27	70	P	P	07 49 37.4	-0.1	
E26A	Carlson Angus	39.33	74	P	P	07 49 37.4	-0.1	
B28A	Dugan Ranch, T	39.46	70	P	P	07 49 36.8	-1.3	
IRM	Iron Mountain	39.46	99	P	P	07 49 38.1	-1.1	
BAR	Barrel	39.61	82	eP	P	07 49 40.1	+0.8	
O20A	White River Ci	39.65	86	P	P	07 49 42.0	+1.5	
O20A	White River Ci	comp=Z,5.6nm,0.7s	39.65	86	P	P	07 49 41.7	+0.7
H25A	Fruitdale	39.71	77	P	P	07 49 41.7	+0.7	
A29A	Manning Farm,	39.85	69	P	P	07 49 40.9	-0.4	
E27A	Carson	39.87	74	P	P	07 49 42.3	0.0	
G26A	Maurine	39.91	76	P	P	07 49 42.0	-0.6	
F27A	Lenon	39.92	75	P	P	07 49 42.7	-0.3	
SWSC	Sam W. Stewart	39.94	101	P	P	07 49 43.9	+0.9	
PDMO	Parker Dam,Lak	39.97	98	P	P	07 49 42.8	-0.5	
B29A	Wagenman Farm,	40.02	70	P	P	07 49 43.9	+0.5	
H11N2	WAKE ISLAND Hy	40.19	225	T	T	07 49 43.4	-0.4	
H11N3	WAKE ISLAND Hy	40.19	225	T	T	08 33 10.9	0.0	
H26A	Fairpoint	40.20	77	P	P	07 49 42.0	-0.6	
H11N1	WAKE ISLAND Hy	40.20	225	T	T	08 33 27.9	0.0	
MDND	Maddock	40.22	71	P	P	07 49 43.9	+1.4	
G27A	Dupe	40.25	75	P	P	07 49 45.9	+0.5	
E28A	Huff	40.29	73	P	P	07 49 44.4	-1.3	
J25A	Sunshine Ranch	40.31	79	P	P	07 49 44.4	-1.3	
A30A	Hoffart Farm,	40.36	69	P	P	07 49 44.7	-1.6	
GLA	Glamis	40.44	100	P	P	07 49 44.8	-1.8	
B30A	Myrvik Farm, E	40.61	69	P	P	07 49 47.0	-0.4	
F28A	McLaughlin	40.64	74	P	P	07 49 47.1	-1.5	
PV01	Paradox Valley	40.72	89	eP	P	07 49 47.1	-1.5	
WU4Z	Wupatki	40.78	94	P	P	07 49 49.7	+0.8	
A31A	Linda St. Vin	40.98	68	P	P	07 49 51.2	+0.9	
B31A	Greenbush Farm	41.00	69	P	P	07 49 51.3	-0.4	
D30A	Buchanan	41.10	71	P	P	07		

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like Y29A, S34A, W31A, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like W38A, 135A, JCT, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ARU, WMQ, WMO, etc.

539A	baz=17 Cross D Ranch, baz=17	16.85	84	P	Pn	07 54 02.3	-0.8	G27A	Dupree	18.23	29	P	P	07 54 20.7	+0.3	E32A	Braaten, Kindr	21.35	34	P	P	07 54 53.3	-1.0
NATX	Nacogdoches	16.87	79	P	Pn	07 54 02.2	-1.1	I30A	Oacoma	18.27	36	P	Pn	07 54 20.6	-0.2	B28A	Dugan Ranch, T	21.36	26	P	P	07 54 54.1	-0.3
NATX	Nacogdoches	16.87	79	ePn	Pn	07 54 02.6	-0.7	D05A	Enuclaw	18.32	343	ePn	P	07 54 22.9	+1.6	D31A	McClaffin, Tow	21.37	32	P	P	07 54 53.7	-0.9
N32A	Stulken Farm, baz=17	16.88	46	P	Pn	07 54 02.5	-1.0	F26A	Lodgepole	18.32	26	P	P	07 54 21.7	+0.3	OXF	Oxford	21.44	71	eP	pmx	07 54 55.3	-0.1
G03D	McMinnville, O	16.91	337	P	Pn	07 54 04.4	+0.7	L33A	Hodkins	18.32	43	P	Pn	07 54 20.3	-1.0	OXF	OXF	21.44	71	eP	pmx	07 54 55.3	-0.1
HRV	Holter Researc	16.91	6	ePn	P	07 54 06.7	+0.9	P36A	Good Intent, A	18.34	53	P	Pn	07 54 19.8	-1.7	A27A	Ledoux Ranch,	21.46	24	P	P	07 54 55.0	-0.5
MSO	Missoula	16.93	1	P	P	07 54 04.7	+0.6	M34A	Aspy Farms, Fr	18.36	46	P	Pn	07 54 20.9	-0.9	C30A	Moose, Pekin	21.53	30	P	P	07 54 55.7	-0.6
MSO	Missoula	16.93	1	ePn	P	07 54 05.8	-0.3	H29A	Onida	18.41	33	P	Pn	07 54 21.7	-0.6	SLM	Saint Louis	21.58	60	eP	pmx	07 54 56.9	0.0
H25A	Fruitdale	16.93	27	P	Pn	07 54 04.1	0.0	G28A	Parade	18.43	31	P	Pn	07 54 22.7	+0.1	SLM	SLM	21.58	60	eP	pmx	07 54 56.9	0.0
339A	Huntington	16.95	80	P	Pn	07 54 02.9	-1.4	EGMT	Egleton	18.44	9	P	Pn	07 54 23.7	+1.0	SLM	SLM	21.58	60	eP	pmx	07 54 56.9	0.0
O33A	Hebron	16.95	49	P	Pn	07 54 02.7	-1.7	EGMT	Eagleton	18.44	9	eP	Pn	07 54 25.2	+2.4	HALT	Halls	21.67	67	eP	P	07 54 58.6	+0.8
Y38A	Idabel	16.99	71	P	Pn	07 54 03.3	-1.5	NEW	Newport	18.50	354	Pn	P	07 54 23.6	+0.1	CMIG	Matias Romero	21.75	122	P	P	07 54 57.6	-1.3
K29A	Lazy Trails An	17.00	37	P	Pn	07 54 04.9	0.0	NEW	NEW	18.50	354	Pn	P	08 01 32.4		B29A	Wagenman Farm,	21.76	27	P	P	07 54 58.0	-0.7
HAWA	Hanford	17.02	347	ePn	P	07 54 06.8	-0.1	NEW	NEW	18.50	354	eP	Pn	07 54 24.8	+1.3	D32A	Dogwood Acres,	21.76	33	P	P	07 54 58.3	-0.5
J28A	Allard Ranch,	17.02	34	P	P	07 54 05.4	+0.2	NEW	NEW	18.50	354	eP	pmx	07 54 23.3	-0.2	A28A	Farm, Bot	21.77	25	P	P	07 54 58.4	-0.5
CHMT	Chamberlain Mo	17.03	2	ePn	Pn	07 54 07.4	+0.1	NEW	NEW	18.50	354	P	Pn	07 54 24.8	+1.3	GLAT	Glass	21.77	66	eP	P	07 54 58.9	0.0
Z39A	Gary	17.04	78	P	Pn	07 54 04.3	-1.1	NEW	NEW	18.50	354	eP	Pn	07 54 24.8	+1.3	E33A	Westby DABS, E	21.81	35	P	P	07 54 58.6	-0.7
X38A	Whitesboro	17.04	69	P	Pn	07 54 04.4	-1.0	O37A	Longview Farm,	18.56	56	P	P	07 54 23.1	-0.9	C31A	Laman Farms,	21.92	31	P	P	07 54 59.9	-0.6
V37A	Hulbert	17.06	64	P	Pn	07 54 04.4	-1.3	F27A	Lemmon	18.59	27	P	Pn	07 54 25.0	+0.4	SIUC	Southern Ilin	22.12	63	eP	P	07 55 02.8	+0.2
R35A	Emporia Munic	17.09	56	P	Pn	07 54 04.9	-1.1	E25A	Miller Ranch,	18.60	24	P	Pn	07 54 25.7	+1.0	B30A	Myrvik Farm, E	22.17	29	P	P	07 55 02.3	-0.8
I27A	Quinn	17.13	31	P	Pn	07 54 06.6	0.0	O35A	Tabor	18.63	49	P	P	07 54 24.0	-0.7	A29A	Manning Farm,	22.18	27	P	P	07 55 02.6	-0.6
KSU1	Kansas State U	17.13	53	P	Pn	07 54 05.0	-1.6	N36A	Boickow	18.73	52	P	P	07 54 25.0	-0.9	E34A	Wadena	22.25	36	P	P	07 55 02.8	-1.2
KSU1	Kansas State U	17.13	53	ePn	Pn	07 54 05.7	+0.1	J32A	Parkston	18.75	40	P	P	07 54 25.4	-0.6	D33A	AnnSam, Waubun	22.33	34	P	P	07 55 03.9	-1.0
139A	Gunthouse Ranc	17.14	76	P	Pn	07 54 06.0	-0.7	K33A	Hardington	18.75	43	P	P	07 54 25.0	-1.1	B31A	Greenbush Farm	22.44	30	P	P	07 55 04.8	-1.2
P34A	Walnut Farm, R	17.19	51	P	Pn	07 54 06.4	-1.0	L34A	Svendsen Farm,	18.75	45	P	P	07 54 25.3	-0.8	A30A	Hoffart Farm,	22.56	28	P	P	07 55 05.9	-1.5
U37A	Salina	17.22	63	P	P	07 54 07.2	-0.6	I31A	Reyce, Wessing	18.82	37	P	P	07 54 26.2	-0.6	D34A	Park Rapids	22.62	35	P	P	07 55 06.9	-1.0
E07A	Sunnyside	17.24	347	ePn	P	07 54 09.7	+0.3	SUSD	South Dakota S	18.89	35	P	P	07 54 27.3	-0.3	E35A	Peot Lakes	22.67	37	P	P	07 55 07.7	-0.8
H26A	Fairpoint	17.26	28	P	Pn	07 54 08.7	+0.4	M35A	Neola	18.91	47	P	P	07 54 26.9	-1.0	SPMN	St. Paul	22.74	42	P	P	07 55 08.8	-0.4
MDW	Midway	17.27	347	P	P	07 54 10.4	+0.7	E26A	Carlson Angus	18.92	26	P	P	07 54 28.1	+0.2	SPMN	St. Paul	22.74	42	eP	P	07 55 08.8	-0.4
MDW	Midway	17.27	347	P	P	07 54 10.4	+0.7	G29A	Hoven	18.97	32	P	P	07 54 28.5	0.0	C33A	Trail	22.80	33	P	P	07 55 09.9	0.0
F04A	Amboy	17.29	340	ePn	P	07 54 09.4	-0.5	NLWA	Neilton Lookou	19.04	339	eP	Pn	07 54 30.1	+0.2	HDIL	Hopedale	22.88	56	P	P	07 55 09.6	-1.1
S36A	Lake Cedric, C	17.30	58	P	Pn	07 54 07.9	-0.7	UALR	University of	19.07	69	eP	P	07 54 30.1	+0.4	B32A	Ashes, Strandq	22.91	31	P	P	07 55 10.3	-0.6
K30A	Basset	17.32	39	P	Pn	07 54 08.4	-0.4	F28A	McLaughlin	19.08	30	P	P	07 54 29.4	-0.3	WVT	Waverly	22.92	67	eP	pmx	07 55 11.7	+0.5
BGNE	Belgrade	17.35	44	P	Pn	07 54 10.4	-0.2	H31A	Wolsey	19.16	36	P	P	07 54 30.3	-0.2	WVT	Waverly	22.92	67	eP	pmx	07 55 11.7	+0.5
BGNE	Belgrade	17.35	44	ePn	P	07 54 10.4	-0.2	D25A	Fairfield	19.19	23	P	P	07 54 30.9	0.0	A31A	Linda, St. Vin	23.02	30	P	P	07 55 11.2	-0.9
SLMT	Seeley Lake	17.35	2	ePn	P	07 54 10.4	-0.4	J33A	Davis	19.21	41	P	P	07 54 31.1	+0.1	AGMN	Agassiz Nation	23.14	32	P	P	07 55 12.3	-1.1
Z39A	Irene McRaven,	17.36	74	P	Pn	07 54 08.8	-0.7	E27A	Carson	19.23	27	P	P	07 54 31.5	+0.1	AGMN	Agassiz Nation	23.14	32	eP	P	07 55 12.9	-0.5
W38A	Poteau	17.37	68	P	Pn	07 54 08.4	-1.1	G30A	Faulton	19.29	34	P	P	07 54 31.7	-0.3	JFWS	Jewell Farm	23.15	49	eP	pmx	07 55 14.5	+1.0
N33A	J Bar K, Exete	17.40	47	P	Pn	07 54 08.9	-1.0	K34A	Le Mars	19.34	44	P	P	07 54 32.2	-0.3	JFWS	Jewell Farm	23.15	49	eP	pmx	07 55 14.5	+1.0
L31A	Butterfield Fa	17.42	41	P	Pn	07 54 09.6	-0.5	B05A	Bryant	19.35	344	P	Pn	07 54 33.3	-0.3	D35A	Remer	23.20	37	P	P	07 55 12.1	-1.9
Q35A	Mercer Eighty,	17.43	54	P	Pn	07 54 08.7	-1.6	L35A	Bielow Farm, R	19.35	46	P	P	07 54 32.2	-0.4	EDM	Edmonton	23.34	1	eP	pmx	07 55 14.2	-1.2
J29A	Okreek	17.45	36	P	Pn	07 54 10.4	-0.2	I32A	K Kay and Nic	19.38	39	P	P	07 54 32.6	-0.4	EDM	Edmonton	23.34	1	eP	pmx	07 55 14.2	-1.2
440A	Kirbyville	17.48	82	P	Pn	07 54 09.8	-1.1	D26A	Manning	19.40	25	P	P	07 54 33.2	-0.1	EDM	Edmonton	23.34	1	eP	pmx	07 55 14.2	-1.2
G25A	Newell	17.48	26	P	Pn	07 54 11.5	+0.5	B06A	Marblemount	19.45	345	eP	Pn	07 54 37.8	+3.0	USIN	University of	23.37	63	eP	P	07 55 15.8	0.0
I28A	Midland	17.48	33	P	Pn	07 54 11.4	+0.5	F29A	Eureka	19.50	31	P	P	07 54 33.9	-0.3	D36A	Goodland	23.72	37	P	P	07 55 18.4	-0.8
540A	Vidor	17.49	84	P	Pn	07 54 11.0	-0.1	ECSD	EROS Data Cent	19.67	41	P	P	07 54 35.8	-0.4	SWET	Sewanee	24.35	70	eP	P	07 55 25.5	+0.2
Y39A	Lockesburg	17.52	71	P	Pn	07 54 10.0	-1.4	ECSD	EROS Data Cent	19.67	41	ePn	P	07 54 35.7	-0.4	SFIN	Scholer Farm	24.41	57	P	P	07 55 24.5	-1.1
340A	Bronson	17.52	80	P	Pn	07 54 10.3	-1.2	E28A	Huff	19.70	28	P	P	07 54 36.6	+0.1	SFIN	Scholer Farm	24.41	57	eP	pmx	07 55 25.5	-0.2
D08A	Wollman Farm,	17.55	349	ePn	P	07 54 13.7	+0.9	C25A	Freud Ranch, W	19.70	22	P	P	07 54 36.8	+0.2	WCI	Wyandotte Cave	24.49	63	eP	pmx	07 55 26.9	+0.5
H27A	Hoves	17.57	30	P	Pn	07 54 10.7	-1.3	H32A	Carlson Farm,	19.72	38	P	P	07 54 36.4	-0.3	WCI	Wyandotte Cave	24.49	63	eP	pmx	07 55 26.9	+0.5
R36A	Gordon, Harris	17.59	56	P	Pn	07 54 10.5	-1.7	I33A	Coleman	19.76	40	P	P	07 54 37.0	-0.2	BLO	Bloomington	24.52	60	eP	pmx	07 55 26.9	+0.2
T37A	Cheneyville 18	17.59	61	P	Pn	07 54 10.5	-1.8	J34A	George	19.77	42	P	P	07 54 37.0	-0.2	BLO	Bloomington	24.52	60	eP	pmx	07 55 26.9	+0.2
O34A	Beatrice	17.59	50	P	Pn	07 54 10.4	-2.0	D27A	Center	19.81	26	P	P	07 54 37.9	+0.3	BBB	Bella Bella	24.56	339	P	P	07 55 26.8	-0.1
F04D	Rainier, OR	17.6																					

15d 7h

2010 SEP

750

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like ACCN Adirondack Com, ACCN Middlebury, and many others.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like PPT2 comp=Z,1um,25.5s, BILL Bilibino, and many others.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like JCJ Chichijima, PRA Prague, PRU Pruhonice, and many others.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Tuamarina, Earningsleugh, Moikau Sound, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Chengkung, Yuli, Huiyue, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Niuzhou, Suao, Sanguang, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AKSA Akutan Strait, AKUT Akutan, WESP Westdahl Peak, etc.

ISCJB 15 11:18:32.7-0.7, 7.82S:0.09:30.5E:0.1, h10km, mb3.8/4, MS3.7/2, Error ellipse: s-maj=20.6km s-min=8.2km az=35.1

NEIC 15 11:18:34.6-0.7, 7.84S:30.54E, h10km, mb4.0/2, Error ellipse: s-maj=22.8km s-min=9.6km az=115.0

IDC 15 11:18:37.3-1.6, 7.29S:30.40E, h0km, mb3.7/4, mb1 3.9/5, mb1mx3.7/24, mb1mp3.9/5, ML4.0/1, MS3.3/3, Ms1mx2.8/37, Error ellipse: s-maj=38.9km s-min=23.6km az=122.0

ISC 15 11:19:34.0-0.8, 7.95S:0.1:30.60E:0.10, h10km, n13, +2521/11, mb3.8/4, Lake Tanganyika region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DODT Dodoma, Tanzania, LSZ Lusaka, etc.

NIED 15 11:19:00.39:60N:142.70E, h32km, Mw3.3 Best double couple: M0.63000x1013 NP1.335.00000, 823.00000, 7-115.00000, NP2.182.00000, 869.00000, 7-80.00000

JMA 15 11:19:11.9-0.1, 39.64N:142.69E, h32km, Mw3.6, 6C-10, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MIYJ Miyakonogasawa, JTH Tanohata, etc.

ISCJB 15 11:20:24.3-0.4, 23.14N:0.02:121.49E:0.02, h20km, 4km, Error ellipse: s-maj=3.4km s-min=3.4km az=117.2

TAP 15 11:20:24.9, 23.20N:121.37E, h19km, ML3.3, B

JMA 15 11:20:24.8-0.1, 23.19N:121.36E, h25km, Mw2.9

ISC 15 11:20:24.6-1.0, 23.16N:0.02:121.45E:0.02, h20km, 3km, n54, 0584/85, 8C-2D, Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CHKT Chengkung, TW1 Yuli, etc.

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ELDW Lidau, TWG Pinlang, TTT Taitung, etc.

IDC 15 11:20:24.8-2.0, 17.77S:166.75E, h0km, mb3.8/3, mb1 4.0/4, mb1mx3.7/22, mb1mp3.8/4, ML3.5/1, MS3.4/2, MS1.9/2, ms1mx3.8/2, 9.20N, Error ellipse: s-maj=50.9km s-min=36.4km az=106.0, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, WARR Warrungarra Arr, etc.

0.3nm, 0.4s, baz=140, slow=6.5, SNR=6.3 ARCES ARCES Array B 123.05 345 PKP PKPdf 11 39 20.6 -2.1 2.3nm, 0.7s, baz=17, slow=5.1, SNR=4.2

ISCJB 15 11:22:06.0-0.7, 50.242N:0.06:19.07E:0.04, h0km, Error ellipse: s-maj=9.2km s-min=3.1km az=7.6 CSEM 15 11:22:02.0-0.3, 50.222N:19.11E, h2km, ML2.8/6, Error ellipse: s-maj=10.9km s-min=3.6km az=5.0 PRU 15 11:22:07.9, 50.17N:19.12E, h0km ISC 15 11:22:07.6-0.9, 50.17N:0.06:19.09E:0.02, h0km, n21, 0574/36, Poland

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OJC Ojcow, MORC Moravsky Berou, NIE Niedzica, etc.

WEL 15 11:23:21.4-0.1, 43.55S:172.41E, h9km, ML3.5/13, 2C-3D, Error ellipse: s-maj=0.5km s-min=0.4km az=90.0, South Island

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

KRSC 15 11:25:27.1-2.3, 50.39N:156.41E, h194km, 25km, ML4.1 ISCJB 15 11:25:29.4-0.5, 50.86N:0.08:155.5E:0.1, h188km, 5km, mb3.4/9, Error ellipse: s-maj=18.1km s-min=6.7km az=40.7

MOS 15 11:25:29.7-1.4, 51.01N:155.40E, h191km, mb4.2/5, Error ellipse: s-maj=21.0km s-min=6.7km az=61.4 IDC 15 11:25:31.8-1.6, 51.05N:155.37E, h194km, 16km, mb3.1/9, mb1 3.3/14, mb1mx3.2/35, mb1mp3.7/14, Error ellipse: s-maj=19.4km s-min=11.4km az=144.0

ISC 15 11:25:30.1-0.7, 50.81N:0.08:155.73E:0.08, h187km, 6km, n59, 0178/82, mb3.4/9, Kuril Islands

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

340A	Bronson	15.01	45	P	Pn	12 32 58.7 +0.1
Y35A	Marietta	15.03	31	P	Pn	12 32 59.1 +0.3
239A	Gary	15.03	42	P	Pn	12 32 58.8 -0.1
IRM	Iron Mountain	15.11	330	P	Pn	12 33 01.7 +1.7
109C	Camp Elliot, M	15.12	323	P	Pn	12 33 01.2 +1.1
W32A	Sentinel	15.15	22	P	Pn	12 33 01.7 +1.2
V29A	Stinnett	15.17	15	P	Pn	12 33 01.7 +0.8
Z37A	Pogue Cattle C	15.20	36	P	Pn	12 33 02.3 +1.2
X34A	Smith Ranch, M	15.25	27	P	Pn	12 33 02.2 +0.3
V30A	Spur Ranch, Mi	15.28	17	P	Pn	12 33 02.7 +0.4
PFO	Pinyon Flat Ob	15.31	326	Pn	Pn	12 33 03.9 +1.2
PFO	Pinyon Flat Ob	15.31	326	Pn	Pn	12 33 04.7 +2.0
BELC	Belle Mtn, Jos	15.38	328	P	Pn	12 33 05.3 +1.6
Y36A	Durant	15.39	33	P	Pn	12 33 03.8 +0.1
U27A	Thompson Grove	15.44	10	P	Pn	12 33 06.2 +1.7
X35A	Drake	15.46	30	P	Pn	12 33 05.1 +0.5
W33A	Caddo, SNR=8.1	15.46	25	P	Pn	12 33 05.5 +0.8
U28A	Mallet	15.50	12	P	Pn	12 33 06.9 +1.6
139A	Bunkhouse Ranc	15.53	40	P	Pn	12 33 05.9 +0.4
V31A	Spring Creek L	15.54	20	P	Pn	12 33 06.3 +0.6
Z38A	Mt. Pleasant	15.59	37	P	Pn	12 33 06.3 0.0
MURC	Murrieta	15.70	324	P	Pn	12 33 09.4 +1.7
V32A	Arapaho	15.76	22	P	Pn	12 33 09.2 +0.7
U29A	San Clemente, S	15.78	15	P	Pn	12 33 10.6 +1.8
Y37A	Hugo	15.80	34	P	Pn	12 33 10.2 +1.3
W34A	Bridge Creek,	15.82	26	P	Pn	12 33 10.5 +1.3
W34A	Bridge Creek,	15.82	26	eP	P	12 33 14.0 +1.2
GMRC	Granite Mounta	15.86	330	P	Pn	12 33 12.0 -1.3
LDFC	Landfair	15.86	332	ePn	P	12 33 13.5 +0.2
X36A	Centrahoma	15.90	31	P	Pn	12 33 10.6 +0.4
T25A	Trinidad	15.94	5	P	P	12 33 13.3 -1.1
U30A	WK&E Inc. Balk	16.01	16	P	Pn	12 33 13.3 +1.5
SCI	San Clemente I	16.03	320	P	Pn	12 33 13.5 -1.7
Z39A	Irene McRaven,	16.05	39	P	Pn	12 33 12.7 +0.5
BBRC	Big Bear Solar	16.06	326	P	Pn	12 33 15.1 -0.6
MVCO	Mesa Verde	16.06	353	P	Pn	12 33 14.0 +1.5
MVCO	Mesa Verde	16.06	353	ePn	P	12 33 14.8 -0.9
T26A	Comanche Nat	16.06	8	P	P	12 33 14.4 -1.3
T27A	Campo	16.08	10	P	P	12 33 14.5 -1.3
U31A	Nine Bar Ranch	16.09	19	P	Pn	12 33 13.7 +0.9
W35A	Lossen Ranch,	16.12	24	P	Pn	12 33 13.3 +0.2
V33A	Tecumseh	16.13	29	P	Pn	12 33 13.1 -0.2
HEC	Hector,Ludlow	16.21	329	P	P	12 33 16.7 -0.6
Y38A	Idabel	16.24	36	P	Pn	12 33 15.6 +1.0
T28A	Walsh	16.24	12	P	Pn	12 33 15.3 +0.6
U32A	Winter Ranch,	16.37	21	P	Pn	12 33 16.8 +0.5
FMP	Fort Macarthur	16.40	322	P	P	12 33 18.2 -1.0
X37A	Clayton	16.40	33	P	Pn	12 33 17.6 +1.0
W36A	Wetumka	16.42	30	P	Pn	12 33 18.2 -1.2
BFSC	Mount Baldy Ra	16.43	325	P	Pn	12 33 19.1 -0.7
V34A	Guthrie	16.44	26	P	Pn	12 33 17.2 0.0
V34A	Guthrie	16.44	26	ePn	Pn	12 33 17.8 +0.7
T29A	Hugoton	16.45	14	P	Pn	12 33 18.5 +1.1
S22A	4UR Ranch, Cre	16.48	358	P	P	12 33 20.9 +0.5
SDCO	Great Sand Dun	16.48	2	P	P	12 33 20.5 +0.1
SDCO	Great Sand Dun	16.48	2	eP	P	12 33 20.8 +0.3
S26A	Kim	16.52	8	P	P	12 33 20.0 -0.7
TUQ	Turquoise Moun	16.52	331	P	P	12 33 21.0 +0.3
T30A	Plains	16.54	16	P	P	12 33 19.9 -0.9
RRX	Edison Barstow	16.58	327	P	P	12 33 20.7 -0.6
Y39A	Lockesburg	16.60	38	P	Pn	12 33 19.8 +0.5
MWC	Mount Wilson	16.64	324	eP	P	12 33 22.0 -0.1
MWC	Mount Wilson	16.64	324	eP	P	12 33 22.0 -0.1
S27A	Las Animas	16.66	9	P	Pn	12 33 20.8 +0.7
V35A	Meyer Ranch, C	16.66	28	P	Pn	12 33 19.1 -0.9
PASC	Pasadena Art C	16.67	323	eP	P	12 33 22.4 +0.1
U33A	Lingo Farm, Me	16.73	23	P	Pn	12 33 21.3 +0.5
S28A	Mante	16.74	12	P	P	12 33 22.2 -0.9
X38A	Whitesboro	16.74	34	P	Pn	12 33 21.5 +0.5
W37A	Quinton	16.80	32	P	Pn	12 33 22.1 +0.4
DECC	Green Verdugo	16.81	323	P	P	12 33 22.8 -1.0
T31A	Randall Ranch,	16.82	18	P	Pn	12 33 22.7 +0.8
GSC	Goldstone	16.82	329	eP	P	12 33 24.4 +0.4
GSC	Goldstone	16.82	329	eP	P	12 33 23.4 -0.6
GSC	Goldstone	16.82	329	eP	P	12 33 24.4 +0.4
TEIG	Tepich	16.83	90	eP	P	12 33 22.7 +0.5
S29A	Ulysses	16.93	14	P	Pn	12 33 24.5 -0.7
U34A	Anderson Ranch	16.95	25	P	Pn	12 33 23.8 +0.1
U34A	Anderson Ranch	16.95	25	eP	Pn	12 33 24.2 +0.6
PV01	Paradox Valley	16.98	354	eP	P	12 33 26.3 +0.4
V36A	Jenks	17.08	30	P	Pn	12 33 25.1 -0.2
EDW2	Edwards Air Fo	17.09	325	P	P	12 33 26.8 -0.2

SHPR	Sheep Range	17.11	335	eP	P	12 33 28.3 +1.1
S30A	Montezuma	17.11	16	P	P	12 33 26.9 -0.3
T32A	Huerfano Ranch,	17.12	20	P	P	12 33 26.7 -0.6
BLG	Laguna Peak	17.13	321	P	P	12 33 27.0 -0.3
R26A	Arlington	17.19	7	P	P	12 33 28.5 +0.4
W38A	Poteau	17.21	34	P	Pn	12 33 27.4 +0.5
U35A	Pawnee	17.22	27	P	Pn	12 33 27.4 +0.4
TUL1	Tulsa	17.25	30	P	Pn	12 33 27.3 -0.1
TUL1	Tulsa	17.25	30	eP	Pn	12 33 27.6 +0.2
R27A	Paradox Valley	17.26	9	P	P	12 33 29.6 +0.7
T33A	Patterson Ranc	17.26	22	P	P	12 33 28.7 -0.1
PV04	Paradox Valley	17.27	353	eP	P	12 33 30.4 +1.3
OSI	Osito Adit	17.30	323	P	P	12 33 29.6 +0.4
MIAR	Mount Ida	17.34	37	eP	P	12 33 30.3 +0.7
MIAR	Mount Ida	17.34	37	eP	P	12 33 29.3 -0.4
MIAR	Mount Ida	17.34	37	eP	P	12 33 30.3 +0.7
S31A	Mullinville	17.36	18	P	P	12 33 29.9 0.0
BSC	Santa Cruz Isl	17.38	320	P	P	12 33 30.6 +0.4
LRMC	Laurel Mountain	17.40	327	P	P	12 33 31.0 +0.6
CCUT	Cedar City	17.41	341	eP	P	12 33 32.5 +1.8
R28A	Tribune	17.49	12	P	P	12 33 31.5 +0.2
V37A	Hulbert	17.54	31	P	Pn	12 33 31.1 +0.2
S32A	Newby Ranch, P	17.60	19	P	P	12 33 32.9 +0.4
T34A	McClaskey Farm	17.60	25	P	P	12 33 32.2 -0.4
U36A	Oologah	17.68	29	P	P	12 33 33.9 +0.6
R29A	Marienthal	17.70	13	P	P	12 33 34.4 +0.7
Q24A	Divide	17.71	3	P	P	12 33 34.5 +0.4
ARVC	Arvink	17.73	324	P	P	12 33 35.1 +1.1
SBC	Santa Barbara	17.74	321	P	P	12 33 34.8 +0.8
MPMC	Manus Prospec	17.76	329	P	P	12 33 35.6 +1.1
R30A	Dighton	17.77	16	P	P	12 33 35.0 +0.6
T35A	Sooner Cattle	17.78	26	P	P	12 33 34.6 0.0
VBMS	Vicksburg	17.78	49	P	P	12 33 34.3 -0.2
Q26A	Hugo	17.80	7	P	P	12 33 35.8 +0.9
FURC	Furnace Creek,	17.80	331	P	P	12 33 35.6 +0.9
S33A	Kaszaul Farm,	17.81	22	P	P	12 33 35.2 +0.4
V38A	Canell	17.89	33	P	P	12 33 35.8 +0.1
S30A	Snowmass	17.91	358	eP	P	12 33 39.3 +3.0
TPNV	Topopah Spring	17.93	333	P	P	12 33 38.2 +1.9
ISA	Isabella	17.95	326	eP	P	12 33 37.5 +1.1
ISA	Isabella	17.95	326	P	P	12 33 37.6 +1.1
ISA	Isabella	17.95	326	eP	P	12 33 37.5 +1.1
ISA	Isabella	17.95	326	eP	P	12 38 11.1 +0.1
R31A	Burdett	17.97	17	P	P	12 33 37.9 +1.3
U37A	Salina	17.97	30	P	Pn	12 33 36.1 -0.1
MSU	Marysville	17.98	345	eP	P	12 33 38.9 +1.9
MSU	Marysville	17.98	345	eP	P	12 33 38.9 +1.9
DAC	Darwin (Calif)	17.98	329	eP	P	12 33 38.7 +1.7
DAC	Darwin (Calif)	17.98	329	eP	P	12 33 38.6 +1.7
DAC	Kaye Shedlock	18.00	9	P	P	12 33 38.6 +1.5
KSCO	Kaye Shedlock	18.00	9	eP	P	12 33 39.5 +2.4
PKM	Peak Mountain	18.12	322	P	P	12 33 39.7 +1.2
T36A	Boggs Farm, Ca	18.17	27	P	P	12 33 39.6 +0.9
Q28A	Sharon Springs	18.18	11	P	P	12 33 40.4 +1.4
Q29A	Oakley	18.18	13	P	P	12 33 40.1 +1.1
UALR	University of	18.21	39	eP	P	12 33 39.6 +0.3
S34A	Willow Spring	18.22	24	P	P	12 33 39.9 +0.5
R32A	Long Quarter,	18.33	19	P	Pn	12 33 41.6 +0.9
U38A	Greavette	18.35	32	P	Pn	12 33 41.1 +0.2
CWC	Cottonwood Cre	18.35	328	P	Pn	12 33 43.2 +2.1
VES	Vestal, Richar	18.40	325	P	Pn	12 33 43.3 +1.8
CBKS	Cedar Bluff	18.40	16	eP	P	12 33 43.1 +1.5
CBKS	Cedar Bluff	18.40	16	eP	P	12 33 42.8 +1.2
CBKS	Cedar Bluff	18.40	16	eP	P	12 33 43.1 +1.5
Q30A	Quinter	18.44	15	P	Pn	12 33 42.7 +0.7
P26A	Davis Ranch, A	18.45	7	P	P	12 33 44.0 +1.8
R33A	Olander Ranch,	18.46	21	P	Pn	12 33 42.9 +0.7
GRAC	Grapevine Rang	18.47	331	P	Pn	12 33 43.9 +1.6
S35A	Otter Creek Ra	18.52	25	P	Pn	12 33 42.9 0.0
TMUT	Trail Mountain	18.52	348	eP	Pn	12 33 45.1 +1.9
SMMC	Simmler	18.52	322	P	Pn	12 33 44.5 +1.5
ISCO	Idaho Springs	18.53	1	eP	P	12 33 45.4 +2.0
ISCO	Idaho Springs	18.53	1	P	Pn	12 33 44.9 +1.5
ISCO	Idaho Springs	18.53	1	eP	Pn	12 33 45.4 +2.0
P27A	Ficken Ranch,	18.54	9	P	Pn	12 33 44.5 +1.2
T37A	Cheneyville 18	18.65	29	P	Pn	12 33 44.6 +0.1
Q31A	Ellis	18.67	17	P	Pn	12 33 45.7 +0.8
P28A	Saint Anics	18.69	11	P	Pn	12 33 46.2 +1.1
R34A	Isabella, Hill	18.70	23	P	Pn	12 33 46.0 +0.7
RCTC	Reactor, Farmer	18.84	326	P	Pn	12 33 47.5 +0.7
S36A	Lede Cedric, C	18.85	27	P	Pn	12 33 46.9 -0.1
P29A	Atwood	18.88	13	P	Pn	12 33 48.2 +0.9

R11A	Troy Canyon, C	18.88	337	P	Pn	12 33 48.5 +1.1
R11A	Troy Canyon, C	18.88	337	eP	Pn	12 33 48.6 +1.1
Q32A	comp=Z,14nm,1.0s	18.90	19	P	Pn	12 33 47.8 +0.2
TIN	Tinemaha	18.91	329	P	Pn	12 33 49.6 +1.7
O20A	White River Ci	18.93	355	P	Pn	12 33 49.9 +1.8
O20A	White River Ci	18.93	355	eP	Pn	12 33 49.7 +1.5
P30A	Selden	18.97	14	P	Pn	12 33 48.7 +0.3
R35A	Emporia Munci	19.12	25	P	Pn	12 33 50.5 +0.3
O26A	Horse Wrangler	19.12	7	P	P	12 33 49.8 +0.3
Q33A	Connelly Farm,	19.13	20	P	Pn	12 33 50.8 +0.5
P31A	Stockton	19.16	16	P	Pn	12 33 50.4 -0.4
O27A	Beecher Island	19.18	9	P	Pn	12 33 51.9 +0.9
S37A	Fort Scott	19.21	28	P	Pn	12 33 50.9 -0.4
O28A	Krutsinger Ran	19.23	10	P	Pn	12 33 52.4 +0.8
NLU	North Lily Min	19.33	346	eP	Pn	12 33 53.8 +0.9
Q34A	Chapman	19.37	22	P	Pn</	

15d 12h

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other metrics. Includes stations like 1N34A Lincoln, BGNE Belgrade, L29A Maesberg Ranch, etc.

2010 SEP

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other metrics. Includes stations like 131A Royce, Wessing, KIPM Iron Peak, YMR Madras River, etc.

760

Table with columns: Station ID, Name, Azimuth, Elevation, SNR, and other metrics. Includes stations like D26A Manning, NHSC New Hope, D25A Fairfield, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Lac du Bonnet, Lummi Island, Edmonton, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BOD Bodaibo, DZM Dzumac, USRK Ussuriysk Ar, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HAZ Te Kaha, HAZ Urewera, URZ Matawai, etc.

WEL 15 12:36:57.6:0.4,36.875x176.20E,h406km,ML3.7/5, 1C-2D, Error ellipse: s-maj=7.7km s-min=6.4km az=90.0, Off east coast of North Island

IDC 15 12:39:39.7:3.1,2.1'02N:106:07W,h0km,mb3.7/3, m/4 4.0/7, mb1mx3.8/33, mbtmp3.7/7, ML3.5/4, MS3.2/1, Ms1 3.2/1, ms1mx2.5/29, Error ellipse: s-maj=42.3km s-min=25.9km az=65.0

ISCJB 15 12:39:41.7:2.3,2.1'0N:0:2:106:4W:0.1, h10km, mb4.1/17, Error ellipse: s-maj=32.4km s-min=15.8km az=177.5

NEIC 15 12:39:43.2:2.1,2.1'00N:106:49W,h10km,mb4.1/19, Error ellipse: s-maj=29.5km s-min=14.8km az=176.0

ISCN 15 12:39:41.0:1.4,2.0'0N:0:1:106:3W:0.1, h10km, n36, s=1833/32, mb4.1/17, Off coast of Jalisco

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H06E1 SOCORRO T-PHAS, H06N1 SOCORRO T-PHAS, etc.

ISCJB 15 12:33:37.6:39.98'N:28:70'E,h18km,MD2.8 ISK 15 12:33:37.8:39.96'N:28:68'E,h11km,MD2.5

ISCJB 15 12:33:38.0:0.4,39.98'N:0:02:28:68E:0:04,h8km,4km, Error ellipse: s-maj=5.0km s-min=3.5km az=30.2

CSEM 15 12:33:38.0:0.1,39.97'N:28:70'E,h10km,MD2.5, Error ellipse: s-maj=2.2km s-min=1.7km az=120.0

ISC 15 12:33:38.1:0.9,39.97'N:0:02:28:70E:0:02,h15km,7km, n48,0:56/4, Turkey

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

ISCJB 15 13:02:36.8:0.5,32.2'1N:0:03:115:20W:0:04,h23km,4km, Error ellipse: s-maj=5.6km s-min=4.3km az=175.0

ECX 15 13:02:37.9:0.4,32.19'N:115:24W,h10km,MD2.7,ML2.9

NEIC 15 13:02:37.9:32.19'N:115:24W,h8km,ML2.4(PAS), ML3.0(Ex), After ECX

MEX 15 13:02:39.7:0.7,32.24'N:115:18W,h11km,MD3.4

ISC 15 13:02:36.6:1.1,32.18'N:0:02:115:20W:0:03,h17km,9km, n26,0:56/43,3C-2D, California-Baja California border region

D31A	McClaffin, Tow	41.71	71	P	P	13 10 53.2 +0.4
J28A	Allard Ranch,	41.78	77	P	P	13 10 54.2 +0.6
I29A	Vivian Onida	41.97	76	P	P	13 10 55.5 +0.4
G30A	Faulkton	41.99	74	P	P	13 10 55.3 0.0
S22A	4UR Ranch, Cre	42.01	88	P	P	13 10 57.2 +1.4
W18A	Petrified Fore	42.03	93	P	P	13 10 57.0 +1.1
AGMN	Agassiz Nation	42.05	68	P	P	13 10 55.7 0.0
AGMN	Agassiz Nation	42.05	68	eP	P	13 10 55.5 -0.2
K28A	Ten Mile Ranch	42.13	78	P	P	13 10 56.6 +0.1
N26A	Koester Ranch,	42.20	82	P	P	13 10 58.0 +0.9
J29A	Okreek	42.33	77	P	P	13 10 57.9 -0.1
214A	Organ Pipe Nat	42.40	99	P	P	13 11 00.1 +1.4
L28A	Connealy Angus	42.48	79	P	P	13 10 59.5 +0.2
O26A	Horse Wrangler	42.51	82	P	P	13 11 00.5 +0.8
I30A	Oacoma	42.55	76	P	P	13 10 59.7 -0.1
N27A	Anderson Farm,	42.62	81	P	P	13 11 00.8 +0.3
MJAR	Matsushiro Arr	42.74	271	P	P	13 11 01.1 -0.3
MJAR	comp-Z, 1.59nm, 21.9s, baz=130, slow=34			LR	LR	13 27 10.1
MAJO	Matsushiro	42.74	271	eP	P	13 11 02.2 +0.8
MAJO	comp-Z, 2.5nm, 0.9s			P	P	13 11 01.5 +0.1
MAJO	Matsushiro	42.74	271	eP	P	13 11 01.8 +0.4
MAT	Matsushiro	42.74	271	S	S	13 17 27.4 +3.3
H31A	Wolsey	42.76	74	P	P	13 11 01.3 -0.1
SDCO	Great Sand Dun	42.81	87	P	P	13 11 03.0 +0.8
SDCO	Great Sand Dun	42.81	87	eP	P	13 11 03.1 +0.8
OGNE	Ogallala	42.83	81	P	P	13 11 02.8 +0.7
J30A	Dallas	42.86	76	P	P	13 11 02.8 +0.4
P26A	Davis Ranch, A	42.92	83	P	P	13 11 03.6 +0.6
E33A	Westby DABS, E	42.99	70	P	P	13 11 02.9 -0.4
D34A	Park Rapids	43.11	69	P	P	13 11 04.2 -0.1
K30A	Basset	43.19	77	P	P	13 11 05.4 +0.4
J31A	Geddes	43.32	76	P	P	13 11 06.4 +0.4
H32A	Carlson Farm,	43.34	74	P	P	13 11 05.8 -0.5
O28A	Krutsinger Ran	43.50	81	P	P	13 11 07.8 +0.2
H33A	Prehn Over Nor	43.64	73	P	P	13 11 07.9 -0.7
R26A	Arlington	43.75	85	P	P	13 11 09.7 +0.7
BOD	Bodaibo	43.71	310	eP	P	13 11 07.0 -1.9
D35A	Remer	43.75	69	P	P	13 11 09.2 -0.2
J32A	Parkston	43.79	75	P	P	13 11 09.7 -0.1
E35A	Pequot Lakes	43.86	69	P	P	13 11 10.5 +0.1
T25A	Trinidad	43.86	87	P	P	13 11 11.8 +1.1
L42A	Ladron	44.02	92	eP	P	13 11 13.9 +1.5
R27A	Eads	44.07	84	P	P	13 11 13.0 +0.8
S26A	Kim	44.10	85	P	P	13 11 13.0 +0.5
ANMO	Albuquerque	44.11	91	eP	P	13 11 13.6 +0.9
Q28A	Sharon Springs	44.14	83	P	P	13 11 12.9 +0.1
K32A	Verdige	44.15	76	P	P	13 11 12.5 -0.2
D36A	Goodland	44.19	68	P	P	13 11 12.9 0.0
ECSD	EROS Data Cent	44.28	74	P	P	13 11 13.1 -0.7
ECSD	EROS Data Cent	44.28	74	eP	P	13 11 12.8 -0.9
T26A	Comanche Natio	44.33	86	P	P	13 11 14.7 +0.3
P29A	Atwood	44.33	81	P	P	13 11 14.5 +0.2
L32A	Elgin	44.54	77	P	P	13 11 16.0 +0.2
R28A	Tribune	44.62	83	P	P	13 11 16.9 +0.3
EYMN	Ely	44.66	66	P	P	13 11 16.5 -0.2
Q29A	Oakley	44.76	82	P	P	13 11 18.6 +0.9
P30A	Selden	44.77	81	P	P	13 11 18.1 +0.3
BGNE	Belgrade	44.83	78	P	P	13 11 18.3 +0.2
T27A	Campo	44.92	85	P	P	13 11 19.6 +0.6
J34A	George	44.93	74	P	P	13 11 18.9 -0.1
R29A	Marienthal	44.97	83	P	P	13 11 19.5 +0.1
121A	Cookes Peak, D	44.99	94	P	P	13 11 21.0 +1.3
121A	Cookes Peak, D	44.99	94	eP	P	13 11 19.9 +0.2
S28A	Manter	45.06	84	P	P	13 11 20.7 +0.5
I35A	Creekview Farm	45.14	73	P	P	13 11 20.8 +0.1
Q30A	Quinter	45.16	82	P	P	13 11 21.3 +0.5
K34A	Le Mars	45.22	75	P	P	13 11 20.9 -0.4
T28A	Walsh	45.25	85	P	P	13 11 22.1 +0.4
M33A	Taylor Creek F	45.28	77	P	P	13 11 21.8 0.0
U27A	Thompson Grove	45.29	86	P	P	13 11 22.8 +0.8
O32A	Brockman Farm,	45.48	79	P	P	13 11 23.7 +0.4
L34A	Svendsen Farm,	45.51	76	P	P	13 11 23.6 0.0
S29A	Ulysses	45.51	84	P	P	13 11 24.1 +0.4
CBKS	Cedar Bluff	45.55	81	P	P	13 11 24.5 +0.6
R30A	Dighton	45.57	82	P	P	13 11 24.8 +0.6
Q31A	Ellis	45.63	81	P	P	13 11 25.0 +0.5
U28A	Mallet	45.67	86	P	P	13 11 25.6 +0.6
P32A	Huiting Farm,	45.70	80	P	P	13 11 25.4 +0.3
V27A	Dan Oppiter Fa	45.73	87	P	P	13 11 25.4 -0.1
S30A	Montezuma	45.88	83	P	P	13 11 27.2 +0.5
R31A	Burdett	46.02	82	P	P	13 11 27.9 +0.2
V28A	Channing	46.10	86	P	P	13 11 29.0 +0.6
Q32A	Meitler Ranch,	46.13	80	P	P	13 11 29.2 +0.7
M35A	Neola	46.22	76	P	P	13 11 29.2 0.0

baz=46						
O34A	Beatrice	46.46	78	P	P	13 11 30.5 -0.5
S31A	Mullinville	46.48	83	P	P	13 11 31.2 -0.1
Q33A	Connelly Farm,	46.55	80	P	P	13 11 31.8 -0.1
N35A	Tabor	46.64	76	P	P	13 11 32.6 +0.2
P34A	Walnut Farm, R	46.79	79	P	P	13 11 33.4 -0.2
X28A	Dimmitt	46.95	88	P	P	13 11 35.9 +0.7
MSTX	Mulshoe	46.99	89	P	P	13 11 35.7 +0.5
MNTX	Cornudas Mount	47.01	93	P	P	13 11 36.6 +1.1
MNTX	Cornudas Mount	47.01	93	eP	P	13 11 36.6 +1.1
Q34A	Chapman	47.13	79	P	P	13 11 36.2 -0.1
P35A	Duane Minner,	47.28	78	P	P	13 11 36.8 -0.6
Y28A	McKinney Farm,	47.34	88	P	P	13 11 38.5 +0.4
R34A	Isabella, Hill	47.36	80	P	P	13 11 37.5 -0.5
S33A	Kaszaul Farm,	47.38	81	P	P	13 11 38.3 0.0
O36A	Bolkow	47.50	77	P	P	13 11 39.0 -0.2
Z28A	Tucker Farm, M	47.69	89	P	P	13 11 41.2 +0.4
P36A	Good Intent, A	47.69	77	P	P	13 11 40.1 -0.5
Q35A	Mercer Eighty,	47.70	79	P	P	13 11 41.0 +0.3
S34A	Willow Spring	47.84	81	P	P	13 11 41.8 0.0
W31A	Holland Ranch,	47.84	85	P	P	13 11 42.2 +0.3
R35A	Emporia Munic	47.96	79	P	P	13 11 42.6 -0.2
128A	Castleberry Fa	48.10	90	P	P	13 11 44.6 +0.6
Z29A	Hungry Hill Ra	48.12	89	P	P	13 11 44.4 +0.3
T34A	McClaskey Farm	48.24	81	P	P	13 11 44.5 -0.0
KRSR	Kot Array	48.27	279	P	P	13 11 45.0 -0.1
KRSR	comp-Z, 4.5nm, 0.6s, baz=51, slow=7.1, SNR=28			LR	LR	13 32 31.7
KSAR	Wohnj Array Be	48.30	279	P	P	13 11 45.0 -0.4
KSAR	Wohnj Array Be	48.30	279	P	P	13 11 45.0 -0.4
W32A	Sentinel	48.30	85	P	P	13 11 46.0 +0.5
S35A	Otter Creek Ra	48.32	80	P	P	13 11 44.8 -0.8
R36A	Gordon, Harris	48.37	79	P	P	13 11 45.5 -0.5
U34A	Anderson Ranch	48.43	82	P	P	13 11 46.2 -0.2
Z30A	Anderson Ranc	48.45	88	P	P	13 11 46.8 +0.2
129A	Stewart Farms,	48.46	89	P	P	13 11 46.6 -0.2
T35A	Sooner Cattle	48.71	81	P	P	13 11 48.5 -0.1
S36A	Lake Cedric, C	48.72	80	P	P	13 11 48.2 -0.4
WMOK	Wichita Mounta	48.85	85	eP	P	13 11 49.9 +0.2
WMOK	comp-Z, 6.0nm, 0.8s			P	P	13 11 49.9 +0.2
SUMG	Summit	48.91	19	eP	P	13 11 51.2 +1.1
SUMG	comp-Z, 6.3nm, 0.8s			P	P	13 11 51.2 +1.1
Y32A	R-V Farms, Ver	48.96	86	P	P	13 11 50.6 +0.1
T36A	Boggs Farm, Ca	48.99	80	P	P	13 11 50.1 -0.6
Z31A	Sharp Cattle R	49.01	87	P	P	13 11 51.2 +0.3
130A	Snyder	49.03	89	P	P	13 11 51.2 +0.1
W34A	Bridge Creek,	49.10	84	P	P	13 11 51.9 +0.2
S37A	Fort Scott	49.14	79	P	P	13 11 50.8 -1.1
329A	Wagon Wheel Ra	49.20	90	P	P	13 11 52.5 0.0
V35A	Meyer Ranch, C	49.32	82	P	P	13 11 52.8 -0.3
131A	Roby	49.32	88	P	P	13 11 53.6 +0.3
TJN	Taeion	49.33	279	eP	P	13 11 54.2 +1.0
Z32A	Haskell	49.42	87	P	P	13 11 54.0 -0.1
230A	Sterling City	49.44	89	P	P	13 11 54.0 -0.3
Y33A	Hiltop Ranch,	49.44	85	P	P	13 11 54.3 +0.1
JNU	Nakatsue	49.47	273	P	P	13 11 54.8 +0.3
T37A	Chesville 18	49.52	80	P	P	13 11 54.1 -0.6
W35A	Tecumseh	49.70	83	P	P	13 11 55.6 -0.5
TXAR	Lajitas Array	49.74	94	P	P	13 11 57.8 +1.1
TXAR	comp-Z, 3.4nm, 0.5s, baz=302, slow=5.3, SNR=72			P	P	13 13 17.5 0.0
TXAR	comp-Z, 0.3nm, 0.4s, baz=275, slow=1.3, SNR=3.8			LR	LR	13 31 42.9
330A	Mertzon	49.74	80	P	P	13 11 56.5 -0.1
ABTX	Abilene, Hawle	49.80	87	P	P	13 11 57.1 +0.2
V36A	Jenks	49.82	82	P	P	13 11 56.6 -0.4
TUL1	Tulsa	49.82	82	P	P	13 11 57.2 +0.2
Z33A	Whitaker Ranch	49.86	86	P	P	13 11 57.4 0.0
429A	Davenport Ranc	49.87	91	P	P	13 11 57.6 +0.1
Z31A	Bronte	49.88	89	P	P	13 11 58.1 +0.5
U37A	Salina	49.88	81	P	P	13 11 57.0 -0.5
Y34A	Reagan Ranch,	50.00	85	P	P	13 11 58.8 +0.4
529A	Stev Forest Ra	50.03	92	P	P	13 11 59.4 +0.6
W36A	Wetumka	50.09	83	P	P	13 11 59.0 -0.2
430A	Baggett Ranch,	50.15	90	P	P	13 11 59.6 -0.1
X35A	Drake	50.16	84	P	P	13 11 59.9 +0.3
V37A	Hulbert	50.23	81	P	P	13 12 00.3 +0.2
133A	Hamilton Ranch	50.24	87	P	P	13 12 00.6 +0.3
331A	San Angelo	50.26	89	P	P	13 12 00.5 0.0
U38A	Gravette	50.29	80	P	P	13 11 60.0 -0.7
X36A	Centrahoma	50.41	83	P	P	13 12 01.0 -0.5
Y35A	Marietta	50.46	84	P	P	13 12 02.6 +0.7
HDIL	Hopedale	50.50	73	P	P	13 12 01.7 -0.5
HDIL	Hopedale	50.50	73	eP	P	13 12 01.8 -0.3
530A	J-C Ranch, Com	50.54	91	P	P	13 12 03.4 +0.7
W37A	Quinton	50.57	82	P	P	13 12 02.9 +0.2
431A	Sonora	50.60	90	P	P	13 12 03.0 -0.1
332A	Millersview	50.62	89	P	P	13 12 03.3 +0.1

233A	Rising Star	50.67	87	P	P	13 12 03.6 0.0
V38A	Canehill	50.67	81	P	P	13 12 03.3 -0.3
Z35A	Perchaven, San	50.73	85	P	P	13 12 04.2 +0.2
134A	White-Moore Ra	50.77	86	P	P	13 12 04.9 +0.6
Y36A	Durant	50.91	84	P	P	13 12 05.5 +0.2
432A	Menard	50.95	89	P	P	13 12 05.8 +0.1
X37A	Clayton	50.98	82	P	P	13 12 05.8 0.0
531A	Rocksprings	51.01	90	P	P	13 12 06.5 +0.3
333A	Richland Sprin	51.11	88	P	P	13 12 06.7 -0.2
234A	Clairette	51.14	87	P	P	13 12 07.5 +0.4
W38A	Poteau	51.15	81	P	P	13 12 06.8 -0.3
135A	Vickery Place,	51.18	86	P	P	13 12 07.5 +0.1

mb1 4.4/26, mb1mx4.3/32, mbtmp5.2/26, Error ellipse: s-maj=9.0km s-min=7.7km az=158.0 BUJ 15 13:43:53.0, 21.162S; 179.34W, h595km, mb4.8/36, mb5.0/22

ISC 15 13:43:52.8, 0.22, 22.095, 0.05:179:37W, 0.05, h597km, 2km, h598km; P-P, N436, e1937/488, mb4.7/100, 22C-19D, South of Fiji Islands

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

Table with columns: WRA, comp, Z, 12nm, 0.9s, baz, 99, slow, 4.2, SNR, 15. Lists seismic events with parameters like magnitude, depth, and location.

Table with columns: HABR, eS, S, 14.04, 29.0, +0.4, 14.10, 01.2, -1.6, 14.13, 36.5. Lists seismic events with parameters like magnitude, depth, and location.

15d 13h

Table with columns for station name, frequency, power, and other technical details. Includes stations like PATY Pattaya, NONG Nongkai, NONG Nongkai, NAYO Nakayong, etc.

2010 SEP

Table with columns for station name, frequency, power, and other technical details. Includes stations like CMAI Chiengmai2, MCMT McKenzie Canyon, ILAR Glasgow Array, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like Q30A Quinter, ULN Ulanbaatar, P30A Selden, etc.

ISCJB 15:13:48.28:6.0, 2.2:0.4S:0.0:4:179:37W:0.04, h587km, 8km, mb4.6/102, Error ellipse: s-maj=6.4km s-min=5.2km az=137.2

RAO	Raoul Island	7.32 170	P	P	13 50 21.8	-0.1
RAO	445nm,0.3s,baz=87,slow=19,SNR=7.2		S	S	13 51 53.5	-0.7
RAO	135nm,0.3s,baz=109,slow=22,SNR=8.2		S	S	13 50 21.9	-0.1
RAO	Raoul Island	7.32 170	P	S	13 51 53.5	-0.7
RAO	comp=Z,831nm,0.3s		S	Pmax		
RAO	Raoul Island	7.32 170	eP	P	13 50 21.9	-0.1
RAO	comp=Z,831nm,0.3s		S	S	13 51 53.5	-0.7
RAO	Niue	9.29 73	P	P	13 50 40.5	-0.7
RAO	baz=9.0,SNR=4.4		P	P	13 50 52.8	-3.7
AFI	Afiama'u	10.80 43	P	P	13 50 48.8	-8.2
AFI	comp=Z,15nm,0.3s,baz=264,slow=4,SNR=13		S	S	13 50 52.5	-4.0
AFI	Afiama'u	10.80 43	eP	P	13 52 48.8	-8.2
AFI	comp=Z,7.5nm,0.3s,baz=66,slow=19,SNR=4.8		S	S		
AFI	Afiama'u	10.80 43	eP	Pmax		
AFI	comp=Z,157nm,0.8s		S	Pmax		
AFI	Afiama'u	10.80 43	eP	P	13 50 52.5	-4.0
AFI	comp=Z,157nm,0.8s		S	S	13 52 48.8	-8.2
DZM	Mont Dzumac	13.18 267	P	P	13 51 19.5	-1.0
DZM	comp=Z,0.7nm,0.3s,baz=0.0,slow=10,SNR=4.5		S	S		
OZU	Omahuta	14.54 204	eP	P	13 51 35.7	+2.1
OZU	comp=Z,63nm,0.6s		S	S		
WCZ	Wairu Caves	14.92 200	PN	P	13 51 39.7	+2.4
KUZ	Kaotunuu	15.29 195	PN	P	13 51 42.2	+1.6
MYRZ	Myror Island	15.69 193	PN	P	13 51 46.7	+2.4
ETAZ	East Tamaki Re	15.69 197	PN	P	13 51 46.7	+2.4
IKAZ	Moumakai	15.78 196	PN	P	13 51 47.3	+2.2
WHGZ	Waiomatatini S	15.87 187	ePN	P	13 51 45.2	-3.0
HAZ	Te Kaha	15.88 188	PN	P	13 51 44.6	-1.5
HAZ	comp=Z,15.7nm,0.8s		eSN	S	13 54 19.2	-1.7
TGRZ	Tauranga	16.11 193	PN	P	13 51 50.3	+2.1
PUZ	Puketiti	16.14 187	ePN	P	13 51 47.2	-1.3
PUZ	comp=Z,15.7nm,0.8s		eSN	S	13 54 25.7	-4.8
TGWZ	Tauhareparea	16.27 188	eSN	P	13 52 48.6	-1.1
TOZ	Tahuroa Road	16.28 195	PN	P	13 51 51.7	+2.0
URZ	Urewera	16.48 190	P	P	13 51 48.8	-2.7
URZ	comp=Z,1.7nm,0.3s,baz=64,slow=8.7,SNR=33		S	S	13 54 30.3	-5.7
URZ	Urewera	16.48 190	ePN	P	13 51 48.7	-2.9
URZ	comp=Z,2.5nm,0.3s,baz=60,slow=20,SNR=8.3		S	S	13 54 29.9	-6.0
URZ	Urewera	16.48 190	ePN	P	13 51 50.1	-1.6
URZ	comp=Z,1.9nm,0.8s		eSN	S	13 54 31.4	-4.9
MWZ	Matawai	16.49 189	ePN	P	13 51 45.7	-3.0
TKGZ	Te Karaka	16.55 188	eSN	P	13 51 51.8	-0.3
CNGZ	Carnagh Statio	16.55 187	PN	P	13 51 54.6	+0.5
HRZR	Handcock Road	16.75 192	ePN	P	13 51 53.6	-2.3
SNGZ	Shannon Statio	16.95 189	ePN	P	13 51 56.7	-0.8
KHZ	Kokohu	17.14 188	ePN	P	13 51 60.0	+2.0
HNZ	Haiti	17.18 196	ePN	P	13 51 50.4	-1.7
WHZ	Waihua	17.25 193	ePN	P	13 51 58.3	-2.3
BKZ	Black Stump Fm	17.46 191	PN	P	13 51 59.3	-1.4
ARHZ	Aroapanui	17.47 190	ePN	P	13 52 01.3	-1.4
MCHZ	McNeill Hill	17.70 190	ePN	P	13 52 01.9	-1.9
WNVZ	Wahianoa	17.79 193	ePN	P	13 52 01.2	-3.0
BHZ	Black Hill Sta	17.85 192	ePN	P	13 52 06.7	+0.9
PHZ	Pawanui	18.29 189	ePN	P	13 55 01.1	-3.6
PXZ	comp=Z,15.7nm,0.8s		eSN	S	13 52 13.2	-2.0
MRZ	Mangatainoka R	19.08 192	ePN	P	13 52 19.1	-1.0
CAW	Cannon Point	19.61 193	ePN	P	13 52 21.6	-0.8
SNZO	South Karori	19.88 193	eP	P		
QRZ	Quartz Range	19.98 198	PN	P	13 52 24.1	+0.8
NNZ	Nelson	20.11 196	PN	P	13 52 24.5	0.0
THZ	Topohouse	20.74 197	ePN	P	13 52 29.7	-0.6
THZ	comp=Z,15.7nm,0.8s		eSN	S	13 55 41.8	-2.8
DNZ	Denniston Nort	21.04 199	PN	P	13 52 33.1	-1.2
KHZ	Kahutara	21.20 195	ePN	P	13 52 33.4	-0.9
KHZ	Kahutara	21.20 195	eP	P		
LTZ	Lake Taylor	21.86 197	ePN	P	13 52 39.1	-1.2
CRZL	Canterbury Las	22.51 195	PN	P	13 52 46.1	-1.0
MOZ	McQueen's Vall	22.65 195	ePN	P	13 52 51.5	+0.6
RPZ	Rata Peaks	23.06 198	PN	P		
RPZ	comp=Z,38nm,0.6s,baz=12,slow=1.8,SNR=12		S	S	13 52 51.9	+0.9
RPZ	Rata Peaks	23.06 198	eP	P	13 52 52.4	-1.0
FOZ	Fox Glacier	23.34 200	PN	P	13 52 00.2	+0.2
JCZ	Jackson Bay	24.10 201	ePN	P	13 53 01.7	-1.0
ODZ	Otauhu Downs	24.40 197	ePN	P	13 53 01.0	-2.3
TARA	Tarawa	24.43 341	eP	P		
MLZ	Malora Lakes	25.42 201	ePN	P	13 53 12.8	+0.9
WHZ	Wether Hill	25.99 201	eP	P	13 53 17.9	+1.2
EIDS	Eidsvold	27.26 257	P	P	13 53 29.2	+1.0
ARMA	Armidale	27.30 246	P	P	13 53 30.7	+2.1
ARMA	Armidale	27.30 246	eP	P	13 53 30.6	+2.1
MGCD	Mangrove Creek	28.37 240	P	P	13 53 39.9	+2.2
RMQ	Roma	29.38 255	P	P	13 53 48.7	+2.1
CNB	Canberra Magne	30.35 237	P	P	13 53 56.9	+2.0
CAN	Canberra	30.64 237	eP	Pmax	13 53 58.8	+1.5
CAN	comp=Z,60nm,1.0s		S	S		
CAN	Canberra	30.64 237	eP	P	13 53 58.8	+1.5
CAN	comp=Z,60nm,1.0s		S	S		
YNG	Young	30.83 240	P	P	13 54 00.8	+1.8
MILA	Mila	31.07 234	P	P	13 54 02.6	+1.6
ISA	Isabella	31.23 267	P	P	13 54 10.4	+0.3
CTA	Charters Tower	32.13 267	eP	ScP	13 59 32.2	+3.0
CTAO	Charters Tower	32.13 267	eP	P	13 54 10.2	+0.1
CTAO	Charters Tower	32.13 267	eP	P	13 54 10.2	+0.1
CMSA	Cobar Meteorol	32.51 246	P	P	13 54 14.6	+1.4
QLO	Quilpie	33.44 255	P	P	13 54 22.1	+1.0
TQP	Tooolangi	34.00 235	P	P	13 54 27.1	+1.5
MTSU	Mount Surprise	34.30 270	P	P	13 54 29.0	+0.6
PMG	Port Moresby	34.51 286	P	P	13 54 30.2	+0.1
PMG	Port Moresby	34.51 286	dIP	Pmax	13 54 30.2	+0.1
PMG	comp=Z,200nm,0.9s		S	Pmax		
PMG	Port Moresby	34.51 286	P	P	13 54 30.4	+0.2
PMG	baz=35,SNR=9.2		S	S		
COEN	Coen	34.51 286	eP	P	13 54 30.4	+0.2
POEM	Port Moresby	34.51 276	eP	P	13 54 47.3	+1.0
ARPS	Mount Arapiles	36.61 238	P	P	13 54 48.3	+1.1
HBT	Hallett	38.42 244	P	P	13 55 02.9	+0.8
BHO	Buckleboo	40.76 245	P	P	13 55 21.3	+0.6
BBOO	Buckleboo	40.76 245	eP	P	13 55 21.1	+0.3
ASAR	Alice Springs	42.97 258	P	P	13 55 38.7	+0.4
ASAR	comp=Z,1.7nm,0.7s,baz=92,slow=8.3,SNR=28		ScP	ScP	14 00 12.8	+2.3
ASAR	comp=Z,3.4nm,0.7s,baz=95,slow=4.3,SNR=8.5		S	S	14 01 20.4	-1.6
WRAB	Tennant Creek	43.17 264	jP	Pmax	13 55 36.3	-3.5
WRAB	comp=Z,48nm,1.0s		S	Pmax		
WRA	Warrange Arr	43.17 264	P	P	13 55 39.8	0.0
WRA	comp=Z,5.4nm,0.6s,baz=101,slow=8.4,SNR=18		ScP	ScP	14 00 13.4	+2.0
WRA	comp=Z,3.1nm,0.7s,baz=99,slow=4.1,SNR=7.3		S	S	14 01 21.8	-3.0
JAY	Jayapura	43.37 291	P	P	13 55 41.4	-0.1
KDU	Kakadu	46.76 273	P	P	13 56 07.2	0.0
FORT	Forrest	47.56 248	P	P	13 56 13.4	+0.5
FORT	baz=48,SNR=8.3		S	S		
FORT	Forrest	47.56 248	eP	P	13 56 13.1	+0.1
FORT	comp=Z,7.5nm,0.8s		S	S		

WRKA	Warakuma	47.86 256	P	P	13 56 15.9	+0.5
KNRA	Kunurra	49.33 268	P	P	13 56 26.9	+0.6
GUMO	Gumana	49.84 312	P	P	13 56 29.6	-0.4
FAKI	Fak Fak	50.65 285	P	P	13 56 35.6	-0.3
FAKI	Fak Fak	50.65 285	eP	P	13 56 35.7	-0.3
FITZ	Fitzroy Crossi	51.60 264	P	P	13 56 43.5	+0.7
FITZ	Fitzroy Crossi	51.60 264	P	P	13 56 44.1	+1.3
SWI	Sorong	52.45 287	P	P	13 56 49.1	+0.2
SOEI	Soe	55.32 273	P	P	13 57 15.1	+5.9
SOEI	Soe	55.32 273	eP	P	13 57 10.7	+1.5
BATI	Baumata	55.73 273	P	P	13 57 13.3	+1.4
MEEK	Meskatharra	56.25 252	P	P	13 57 15.2	-0.2
SBA	Scott Base	56.28 184	eP	Pmax	13 57 18.1	+3.4
SBA	comp=Z,48nm,0.9s		S	Pmax		
SBA	Scott Base	56.28 184	eP	P	13 57 18.1	+3.4
KLBR	Kellerberrin	56.29 246	P	P	13 57 15.9	+0.4
VNDA	Vandenberg	56.30 185	P	P	13 57 17.1	+2.4
NWAO	Narrogin (SRO)	56.58 244	P	P	13 57 17.8	+0.3
NWAO	Narrogin (SRO)	56.58 244	P	P	13 57 18.2	+0.7
RKGY	Rocky Gully	56.63 242	P	P	13 57 18.8	+1.0
TNTI	Ternate	56.66 286	eP	P	13 57 18.2	-0.1
BLDU	Ballidu	57.30 247	P	P	13 57 22.8	+0.3
MORW	Morawa	58.11 249	P	P	13 57 28.3	+0.4
CBJU	Chichi jima	61.40 321	eP	P	13 57 49.3	-0.3
CASY	Casey	62.06 206	P	P	13 57 54.2	+0.9
QJSP	Queen of the South Pole Qui	66.06 180	P	P	13 58 32.8	+1.8
MJAR	Matsuhiro Arr	70.70 325	P	P	13 58 46.8	-0.3
MAJO	Matsushiro	70.71 325	jP	Pmax	13 58 46.9	-0.2
MAJO	comp=Z,98nm,0.9s		S	S		
MAJO	Matsushiro	70.71 325	eP	P	13 58 46.8	-0.3
JNU	Nakatsue	72.53 318	eP	P	13 58 57.3	-0.5
TWG	Pinlang	73.16 304	eP	P	13 59 00.3	-1.2
YALB	Yu-li	73.30 304	eP	P	13 59 01.0	-1.4
NUCB	Ninganchiao	73.31 305	eP	P	13 59 02.8	-0.7
TPUB	Ta-pu	73.76 304	eP	P	13 59 03.9	-1.1
SSBL	Suanglung	73.78 305	eP	P	13 59 04.3	-0.8
YAHJ	Yeheng	73.95 306	eP	P	13 59 06.0	-0.1
YAHJ	comp=Z,20nm,0.8s		S	S	13 59 09.6	+1.1
YSS	Yuzh-Sakhalins	74.70 334	eP	P	13 59 22.0	+1.3
TJRN	Taejon	76.85 318	eP	P	13 59 23.2	+1.4
KJNS	Korea Array	77.17 319	eP	P	13 59 24.4	+0.7
KSAR	Wonju Array Be	77.22 319	P	P	13 59 24.4	+0.6
KSAR	Wonju Array Be	77.22 319	P	P	13 59 24.4	+0.6
PEAOB	Petrovavlovsk	77.42 346	eP	P	13 59 24.3	-0.2
PETK	Petrovavlovsk	77.42 346	eP	P	13 59 24.6	+0.1
SDPT	Sand Point	78.72 111	P	P	13 59 30.6	-0.8
MSHR	Mys Shulitsa	78.82 325	dIP	P	13 59 33.3	+1.1
USKR	Ussuriysk Arr	79.53 327	P	P	13 59 36.8	+0.9
CHGN	Chignik	80.00 12	eP	P	13 59 37.6	-0.4
PMSA	Palmer Station	80.39 157	P	P	13 59 41.6	+1.5
MDJ	Mudanjiang	81.05 326	P	PMZ	13 59 44.8	+1.0
MDJ	comp=Z,15nm,1.0s		S	S		
KHMI	Hot Mountain	81.11 39	eP	P	13 59 46.5	+2.0
HABR	Khabarovsk	81.15 331	eP	P	13 59 43.4	-0.8
HABR	comp=Z,22nm,1.4s		ePP	P	14 01 42.3	-6.6
HABR	comp=Z,22nm,1.4s		eSP	SP	14 02 39.8	-8.9
HABR	comp=Z,22nm,1.4s		PPP	PPP	14 02 58.4	-1.0
HABR	comp=Z,22nm,1.4s		eS	SKSac	14 09 07.2	0.0
HABR	comp=Z,22nm,1.4s		eSS	SS	14 14 38.6	-1.1
HABR	comp=Z,22nm,1.4s		eSSS	SSS	14 18 12.1	
HABR	comp=Z,45nm,1.1s		S			

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include KURSB, ZALV, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include IDC 15:14:10, PMG, WRA, ASAR, TORD, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include NNC 15:14:12, SFK, MNAS, KK31, AB31, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ISCJB 15:14:14, FUNV, TRN, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include IDC 15:14:18, ISCJB 15:14:18, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include WEL 15:14:25, MXZ, WNGZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ISCJB 15:14:29, IDC 15:14:29, AUST 15:14:30, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include JAY, FAKI, KDU, MTN, MTSU, KNRA, WRA, WRA, FITZ, ASAR, PATS, WRKA, EIDS, KSRS, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include IDC 15:14:31, ISCJB 15:14:31, BUJ, NEIC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ROSC, BOCP, SDV, JTS, ATAH, ATAH, MTJD, PCRV, PCRV, SDDR, SJG, SJG, GRGR, NNA, NNA, PTGA, CMIG, CMIG, NNA, NNA, SMLG, LPZA, LPZA, LVC, USIN, TXAR, TXAR, WMOX, BDFB, MNTX, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include 121A, LAZ, SDCO, 214A, PV01, WUAZ, EYMW, SRU, TCUT, ULM, ULM, LOHW, TPWA, MOOW, IMW, GMIT, NVAR, MCMT, HLD, HLD, WVOR, KHM, KBO, YKA, YKA, DBIC, ESDC, PPT, ILAR, TORD, TORD, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include DAVOX, NOA, ARCES, SONM, WMQ, KSRS, KSAR, CD2, ASAR, WRA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include GUC 15:14:36, CCSP, CCSP, CCSP, LNCH, TALC, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include ISCJB 15:14:46, JMA 15:14:46, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include HWA, HWA, TWD, TWD, ESL, ENA, ENA, ENA, TWC, TWC, EHY, EHY, WHF, WHF, NNS, NNS, WDT, WDT, TWF1, TWF1, ENT, ENT, TWT, TWT, TWE, TWE, YJNG, YJNG, CHKT, CHKT, YOJ, YOJ, YOK, YOK, NSK, NSK, SMLT, SMLT, SMLT, SMLT, YUS, YUS, TYC, TYC, ELDTW, ELDTW, ALS, ALS, ALS, ALS, NSTT, NSTT, TQW1, TQW1, CHNS, CHNS, CHNS, CHNS, STYU, STYU, STYT, STYT, WGP, WGP, WTP, WTP, IRIF, IRIF, CHN1, CHN1, CHN1, CHN1, TWK, TWK, SGST, SGST, SSD, SSD, JKRS, JKRS, EAST, EAST, JIU, JIU, etc.

NSSP 15:15:06, ISCJB 15:15:06, etc.

15d 16h

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like MA2 Magadan, FFC Flin Flon, FFC Flin Flon, etc.

2010 SEP

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like KSIJA INJE, KSIJA INJE, KSCWO Cheorwon, etc.

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Table with columns for station code, name, frequency, power, and other technical details. Includes stations like WMQ Urumqi, WMQ Urumqi, WMQ Urumqi, etc.

Table with columns: KBZ, Khabaz, 75.90 348 P, P, 16 18 13.0 0.0, etc. Includes stations like NCK, LSA, LSA, LSA, etc.

ISCJB 15 16:20:30.0 & 0.7, 24.07N, 0.02, 122.24E, 0.02, h13km, 4km, Error ellipse: s-maj=3.4km s-min=2.4km az=147.6

TAP 15 16:20:30.9, 24.14N, 122.23E, h17km, 1km, ML3.0, D JMA 15 16:20:31.2, 0.1, 24.02N, 122.21E, h32km, 3km, M2.2

ISC 15 16:20:31.1, 1.1, 24.08N, 0.02, 122.21E, 0.02, h22km, 13km, n47, c0588/86, Taiwan region

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

Table with columns: NSTT, baz=293, eS, Sb, 16 21 09.2 -0.1, etc. Includes stations like CHKT, TYC, TYC, etc.

NEIC 15 16:35:31.0, 4.3, 65SS, 172.45E, h4km, ML4.2(WEL), After WEL

NEIC Felt at Christchurch. WEL 15 16:35:31.4, 0.1, 43.63S, 172.50E, h9km, ML4.2/36.2C-3D, Error ellipse: s-maj=0.4km s-min=0.4km az=90.0, South Island

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

Table with columns: JJCZ, TCW, TCW, etc. Includes stations like JJCZ, TCW, TCW, etc.

MEX 15 16:41:01.8, 0.3, 16.75N, 93.73W, h162km, 4km, MD3.8, Chiapas

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

JMA 15 16:52:23.7, 0.2, 25.76N, 140.92E, h6km, M4.7, IDC 15 16:52:25.3, 1.0, 25.48N, 142.24E, h0km, mb3.9/13, mb1 4.1/15, mb1mx3.9/49, mbtmp3.9/15, ML3.6/2, MS3.0/4, Ms1 3.0/4, ms1mx2.6/27, Error ellipse: s-maj=31.3km s-min=15.4km az=89.0

NEIC 15 16:52:27.4, 8.25, 48N, 142.27E, h18km, 30km, mb4.5/3, Error ellipse: s-maj=19.5km s-min=10.0km az=85.0

ISC 15 16:52:31.3, 0.9, 25.54N, 140.07, 141.9E, 0.2, h35km, n37, c1975/34, mb4.1/15, Volcano Islands region

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

Error ellipse: s-maj=33.0km s-min=17.8km az=78.0

NEIC Felt (III) at Loloi, Rancagua, Rengo, San Fernando, Santa Cruz and Talca; (II) at Navidad, Pichilemu and Romeral.

ISC 15 17:45:24.21, 3.34783, 0.0772:1W:0.1, h38km, 1km, n42, s135/36, mb4.0/4, 1C-6D, Near coast of central Chile

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data for the event.

NCC 15 18:58:03.5, 6.38334N, 72.10E, h0km, mb3.9, mpv3.5, 10C-3D, Error ellipse: s-maj=40.9km s-min=37.8km az=14.0, Tajikistan

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data for the event.

ISC/JB 15 18:14:24.6, 0.9, 4.0, 0.4N, 0.07, 53.19E, 0.06, h49km, Error ellipse: s-maj=10.9km s-min=6.2km az=163.0

CSEM 15 18:14:25.0, 0.6, 4.0, 0.4N, 0.04, 53.21E, h20km, mb3.4, Error ellipse: s-maj=15.2km s-min=7.4km az=154.0

AZER 15 18:14:27.2, 0.1, 3.9, 934N, 52.9E, h44km, 1km, Error ellipse: s-maj=39.7km s-min=2.2km az=269.0

ISC 15 18:14:25.0, 1.6, 39.934N, 0.08, 53.23E, 0.09, h49km, n37, s165/66, 21C-14D, Turkmenistan

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data for the event.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data for the event.

BUI 15 18:42:48.4, 5.1, 10N, 126.18E, h83km, mb5.1/69, mb4.9/42, Ms4.5/65, Ms7.4/154

DJA 15 18:42:54.2, 0.4, 6.1, N, 4.1, 126.6E, h10km, Ms1.4/1, mb5.3/41, mb5.5/25, MLV5.9/4, Mw(mb)5.0/25

IDC 15 18:42:55.9, 0.7, 5.9, 92N, 125.94E, h83km, 5km, mb4.7/32, mb1.4/934, mb1mx4.8/38, mb1mp5.1/34, MS3.7/22, Ms1.3/722, mb1mx4.8/38, mb1mp5.1/34, MS3.7/22, Error ellipse: s-maj=11.7km s-min=5.8km az=94.0

ISC/JB 15 18:42:56.5, 0.3, 5.96N, 0.01, 126.07E, 0.02, h97km, 2km, mb5.1/148, Error ellipse: s-maj=3.5km s-min=2.4km az=175.4

AUST 15 18:42:57.7, 0.5, 5.93N, 126.11E, h98km, 5km, Error ellipse: s-maj=6.0km s-min=4.9km az=51.0

GCMT 15 18:42:57.6, 0.2, 5.99N, 125.89E, h90km, 1km, MW5.2/97, Moment Tensor Solution. s63, c82; s-r=158; Duration: 0.7; Moment tensor: Scale 10^18 Nm; Mr=4.1, 1.4; Mw=1.75, 1.2; Best double couple: M7.01300x10^16

NEIC 15 18:42:57.6, 0.6, 5.95N, 125.99E, h94km, 5km, mb5.2/67, Error ellipse: s-maj=5.9km s-min=4.1km az=83.0

NEIC Felt (III PIVS) at General Santos.

MOS 15 18:42:58.9, 1.3, 5.94N, 125.86E, h120km, mb5.0/43, Error ellipse: s-maj=8.6km s-min=4.9km az=109.6

KLF 15 18:42:58.7, 5.94N, 125.92E, h119km, mb5.1, MS5.9

MAN 15 18:42:58.6, 6.06N, 125.92E, h56km, mb5.3, ML4.2, MS4.5

MAN INTENSITY III - GENERAL SANTOS CITY.

ISC 15 18:42:57.2, 0.3, 5.94N, 0.03, 126.07E, 0.04, h90km, 2km, h90km; p-P, n598, s158/684, mb5.1/157, 35C-31D, Mindanao

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data for the event.

Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data for the event.

YUK		iS	S	18 56 48.9	+1.1
YUK		iSS	SS	18 59 57.7	+0.8
YUK		iSSS	SSS	19 00 37.3	
YUK	comp=N,75nm,1.3s	pmax	pmax		
YUK	comp=E,58nm,1.3s	pmax	pmax		
YUK	comp=Z,217nm,1.3s	MLR	MLR		
YUK	comp=Z,198nm,18.0s	MLR	MLR		
H11N1	WAKE ISLAND Hy 41.95 67 T	T	T	19 35 46.8	
H11N2	WAKE ISLAND Hy 41.97 67 T	T	T	19 35 43.1	
H11N3	WAKE ISLAND Hy 41.97 67 T	T	T	19 35 48.4	
TAPN	Taplejung 42.21 305 eP	P	P	18 50 42.0	+0.1
ODAN	Odare 42.28 304 eP	P	P	18 50 42.4	-0.1
CHLP	Challavanipeta 42.80 291 eP	IAMB	IAMB	18 50 46.1	-0.4
CHLP	comp=Z,32nm,0.9s	e	IAMB	18 50 47.8	
RAMN	Ramite 42.97 304 eP	P	P	18 50 48.4	+0.4
HABR	Khabarovsk 43.07 9deP	eSP	sP	18 50 47.8	-0.3
HABR	comp=Z,76nm,0.9s	e	sP	18 51 15.3	-4.5
HABR	comp=Z,50nm,0.8s	e	S	18 57 09.4	+2.1
HABR	comp=Z,40nm,0.8s	e	S	19 00 38.2	
HABR	comp=Z,348nm,1.8s	eSSS	SSS	19 01 05.5	
HABR	comp=E,90nm,1.8s	pmax	pmax		
HABR	comp=N,54nm,1.2s	pmax	pmax		
HABR	comp=Z,348nm,1.8s	MLR	MLR		
HABR	comp=Z,55nm,18.0s	MLR	MLR		
YSS	Yuzh-Sakhalins 43.31 17 eP	P	P	18 50 51.0	+0.9
YSS	comp=Z,50nm,0.9s	e	pmax	19 00 41.0	
YSS	comp=Z,40nm,0.8s	e	pmax		
KLR	Kul'dur 43.41 5 eP	P	P	18 50 47.8	-3.1
KLR	comp=Z,40nm,0.8s	eSS	SS	18 57 08.5	-3.8
KLR	comp=E,70nm,1.8s	pmax	pmax	19 00 31.0	+1.4
KLR	comp=Z,300nm,1.8s	pmax	pmax		
HIA	Hailar 43.51 354 eP	pmax	pmax	18 50 52.6	+0.9
HIA	comp=Z,83nm,1.1s	eP	P	18 50 52.6	+0.9
HIA	comp=Z,83nm,1.1s	eP	P	18 50 54.7	+1.4
ARMA	Armidade 43.66 147 iP	P	P	18 50 54.1	+0.7
ARMA	Armidade 43.66 147 eP	P	P	18 50 54.1	+0.7
GUN	Gumba 43.92 305 eP	P	P	18 50 55.7	-0.1
PKI	Pulchoki 44.18 304 eP	P	P	18 50 57.5	-0.4
PKIN	Phulchoki 44.20 304 eP	P	P	18 50 57.7	-0.2
KKN	Kakani 44.37 304 eP	P	P	18 50 58.4	-0.8
DMN	Daman 44.45 304 eP	P	P	18 50 59.0	-0.9
ULN	Ulaanbaatar 44.83 342 eP	pmax	pmax	18 51 02.0	-0.5
ULN	Ulaanbaatar 44.83 342 P	P	P	18 51 02.6	+0.1
ULN	Ulaanbaatar 44.83 342 eP	P	P	18 51 02.0	-0.5
PVM	Polavaram 44.86 288 eP	IAMB	IAMB	18 51 02.6	-0.3
PVM	comp=Z,11nm,0.8s	IAMB	IAMB	18 51 03.6	
ARPS	Mount Arapiles 44.98 162 iP	P	P	18 51 05.0	+1.5
GKN	Gorkha 44.98 304 eP	P	P	18 51 03.6	-0.4
SOMM	Songino Arrai 45.01 341 P	P	P	18 51 03.1	-0.8
SONM	comp=Z,17nm,0.4s	PcP	PcP	18 52 43.4	-0.1
SONM	comp=Z,16nm,0.8s,baz=161,slow=3.7,SNR=14	ScP	ScP	18 56 27.2	-0.9
SONM	comp=Z,4.1nm,0.9s,baz=156,slow=2.9,SNR=11	LR	LR	19 10 31.7	
KOLN	Koldanda 45.75 303 eP	P	P	18 51 09.7	-0.5
DANN	Dangning 45.82 304 eP	P	P	18 51 10.5	-0.3
DANN	comp=Z,126nm,21.4s,baz=154,slow=37	LR	LR		
ADKI	Addanki 46.24 286 eP	IAMB	IAMB	18 51 14.2	+0.1
ADKI	comp=Z,18nm,0.9s	IAMB	IAMB	18 51 15.4	
SKHT	Srikalahasti 46.27 283 eP	IAMB	IAMB	18 51 17.5	+1.6
SKHT	comp=Z,42nm,0.7s	IAMB	IAMB	18 51 21.2	+3.0
CNB	Canberra Magne 46.52 154 iP	P	P	18 51 17.5	+1.6
TYV	TYMvorskoe 46.87 14 eP	pmax	pmax	18 51 21.2	+3.0
TYV	comp=Z,12nm,0.6s	pmax	pmax		
NJS	Nagarjunasagar 46.96 287 eP	P	P	18 51 19.2	-0.2
CIT	Chifa 47.09 349 eP	P	P	18 51 21.8	+1.8
CIT	comp=Z,96nm,1.3s	pmax	pmax	18 51 58.9	
RCLA	Rachera 47.16 286 eP	IAMB	IAMB	18 51 20.9	-0.3
RCLA	comp=Z,32nm,0.7s	IAMB	IAMB	18 51 21.8	
SRLM	Srisaillam 47.30 286 eP	IAMB	IAMB	18 51 21.9	-0.3
SRLM	comp=Z,21nm,0.9s	IAMB	IAMB	18 51 22.8	
RPR	Rampur 47.30 290 eP	IAMB	IAMB	18 51 21.9	-0.2
RPR	comp=Z,18nm,0.8s	IAMB	IAMB	18 51 22.8	
HYB	Hyderabad 47.78 288 iP	P	P	18 51 25.0	-1.0
HYBB	Hyderabad (brs) 47.79 288 eP	IAMB	IAMB	18 51 25.6	-0.4
SRSP	Sriramsagar 48.20 290 eP	IAMB	IAMB	18 51 28.5	-0.7
SRSP	comp=Z,19nm,0.8s	IAMB	IAMB	18 51 29.6	
ZAK	Zakamensk 48.24 341 eP	P	P	18 51 30.9	+1.9
ZAK	comp=Z,13nm,1.1s	pmax	pmax	18 52 53.3	
DZM	Mont Dzumac 48.35 126 eP	P	P	18 51 31.4	+1.1
DZM	comp=Z,58nm,1.1s	eLR	LR	19 05 57.8	
NKL	Nikolayevsk 48.56 12 iP	pmax	pmax	18 51 31.8	+0.5
NKL	comp=N,160nm,1.0s	pmax	pmax		
URV	Urvakonda 48.74 285 eP	IAMB	IAMB	18 51 32.8	-0.5
URV	comp=Z,15nm,1.0s	IAMB	IAMB	18 51 33.8	
TLY	Talaya 49.24 342 eP	P	P	18 51 40.9	+4.3
TLY	comp=Z,18nm,1.0s	eS	S	18 53 33.3	-3.4
TLY	comp=Z,18nm,1.0s	pmax	pmax	18 58 41.5	+5.8
TLY	comp=Z,66nm,18.0s	MLR	MLR		
KLRI	Killari 49.72 289 eP	IAMB	IAMB	18 51 39.9	-0.9
KLRI	comp=Z,27nm,0.7s	IAMB	IAMB	18 51 40.9	
MOY	Mondy 50.10 340 eP	P	P	18 51 46.2	+3.0
WMQ	Urumqi 50.55 324 eP	PP	PP	18 51 48.6	+1.9
WMQ	comp=Z,140nm,5.8s	PP	PP	18 52 05.3	-3.4
WMQ	comp=Z,800nm,16.3s	PP	PP	18 53 47.0	+3.6
WMQ	comp=Z,16nm,0.5s	PMZ	PMZ	18 58 58.1	+3.7
WMQ	comp=Z,140nm,5.8s	PMZ	PMZ		
WMQ	comp=Z,140nm,5.8s	LN	LN		
WMQ	comp=Z,800nm,16.3s	LN	LN		

WMQ	comp=Z,390nm,15.9s	LZ	LZ		
CLNS	Chul'man 50.77 359 eP	pmax	pmax	18 51 48.7	+0.6
CLNS	comp=Z,74nm,0.9s	pmax	pmax		
CLNS	comp=E,22nm,0.8s	pmax	pmax		
SKR	Severo-Kuril's 51.17 24 eP	P	P	18 51 51.7	+0.7
BOD	Bodaibo 52.60 352 eP	pmax	pmax	18 52 02.1	+0.5
BOD	comp=Z,29nm,1.5s	pmax	pmax		
PETK	Petrovavlovsk 53.66 23 P	P	P	18 52 10.6	+1.2
PETK	comp=Z,43nm,0.8s,baz=196,slow=6.5,SNR=49	ScP	ScP	18 57 02.7	-1.9
PETK	comp=Z,1.2nm,0.6s,baz=275,slow=3.6,SNR=2.3	LR	LR	19 11 52.8	
PETK	comp=Z,24nm,21.7s,baz=216,slow=32	LR	LR		
PET	Petrovavlovsk 53.97 24 iP	eS	S	18 52 12.9	+1.2
PET	comp=Z,200nm,7.3s	pmax	pmax	18 59 42.7	+2.2
PET	comp=Z,66nm,1.0s	pmax	pmax		
PET	Petrovavlovsk 53.97 24 eP	P	P	18 52 12.6	+0.9
PDGK	Podgornoye 55.31 320 P	pmax	pmax	18 52 21.0	-0.6
PDGK	comp=Z,5.0nm,0.6s	pmax	pmax		
MK31	Makanchi Array 55.38 325 P	pmax	pmax	18 52 21.6	-0.5
MK31	comp=Z,4.0nm,0.4s	pmax	pmax		
MKAR	Makanchi Array 55.38 325 P	pmax	pmax	18 52 21.0	-1.1
MKAR	comp=Z,4.9nm,0.4s,baz=118,slow=7.0,SNR=114	PcP	PcP	18 53 20.5	-1.0
MKAR	comp=Z,9.3nm,0.7s,baz=112,slow=3.8,SNR=6.1	ScP	ScP	18 57 09.9	-2.5
MKAR	comp=Z,2.7nm,0.7s,baz=119,slow=4.6,SNR=7.1	iP	iP	18 52 21.0	-1.1
MKAR	comp=Z,5.0nm,0.4s	pmax	pmax		
KSH	Kashi 56.03 314 eP	P	P	18 52 27.9	+0.8
KSH	comp=Z,6.0nm,0.6s	PMZ	PMZ	18 52 27.9	+0.8
KSH	comp=Z,100nm,4.6s	LN	LN	18 53 02.4	+1.6
KSH	comp=Z,130nm,8.2s	LE	LE	18 57 24.4	-0.6
KSH	comp=Z,170nm,4.5s	LZ	LZ	19 00 06.4	-2.5
YAK	Yakutsk 56.04 2 LR	LR	LR	19 19 04.8	
YAK	comp=Z,33nm,19.6s,baz=102,slow=39	P	P	18 52 26.9	+0.5
YAK	Yakutsk 56.04 2 eP	P	P	18 53 22.0	
YAK	comp=Z,5.0nm,0.4s	eS	S	18 54 37.0	
YAK	comp=Z,71nm,0.9s	pmax	pmax	19 00 08.1	+0.3
YAK	comp=N,36nm,1.3s	pmax	pmax	19 02 03.7	
YAK	comp=E,14nm,1.0s	pmax	pmax		
YAK	comp=Z,5.0nm,0.4s	pmax	pmax		
YAK	comp=N,13nm,0.9s	pmax	pmax		
YAK	comp=E,5.0nm,0.6s	smax	smax		
YAK	comp=E,112nm,3.1s	smax	smax		
YAK	comp=N,46nm,2.0s	smax	smax		
YAK	Yakutsk 56.04 2 eP	P	P	18 52 27.4	+0.9
MSVF	Nonsavu 56.44 116 P	P	P	18 52 32.6	+2.4
MA2	Magadan 56.74 15 iP	P	P	18 52 32.7	+1.2
TKM2	Tokmak 2 57.67 318 iP	pmax	pmax	18 52 37.0	-1.7
TKM2	comp=Z,9.0nm,1.7s	pmax	pmax		
TKM2	comp=Z,6.4nm,0.8s	pmax	pmax		
SFK	Sufi-Kurgan 57.98 314 P	pmax	pmax	18 52 38.7	0.0
SFK	comp=Z,2.0nm,0.3s	pmax	pmax	18 52 40.8	-0.2
AAK	Ala-Archa 58.30 317 eP	pmax	pmax	18 52 43.7	+0.7
AAK	comp=Z,6.0nm,0.9s	pmax	pmax		
AAK	Ala-Archa 58.30 317 eP	P	P	18 52 42.8	-0.2
ZALV	Zalesovo Beam 58.34 333 P	P	P	18 52 40.9	-1.9
ZALV	comp=Z,3.3nm,0.4s,baz=122,slow=6.1,SNR=20	LR	LR	19 19 54.5	
ZALV	comp=Z,100nm,18.8s,baz=248,slow=38	PKP2bc	PKP2bc	19 22 31.8	
ZALV	Zalesovo Beam 58.34 333 iP	pmax	pmax	18 52 42.0	-0.8
ZALV	comp=Z,0.3nm,0.3s,baz=268,slow=2.8,SNR=4.3	pmax	pmax		
EKS2	Erkin-Say 58.79 317 eP	pmax	pmax	18 52 46.1	-0.3
EKS2	comp=Z,3.0nm,0.4s	pmax	pmax		
EKS2	comp=Z,7.0nm,0.8s	pmax	pmax		
EKS2	Erkin-Say 58.79 317 eP	P	P	18 52 46.1	-0.3
KURK	Kurchatov 59.54 327 P	pmax	pmax	18 52 50.6	-0.6
KURK	comp=Z,4.8nm,0.8s	pmax	pmax		
KURK	comp=Z,40nm,0.8s	pmax	pmax		
KURK	Kurchatov 59.54 327 eP	P	P	18 52 57.5	+6.3
KURK	SNR=16	pmax	pmax	18 52 50.0	-1.2
MNAS	Manas 59.59 316 P	pmax	pmax	18 52 51.1	-0.9
MNAS	comp=Z,128nm,1.2s	pmax	pmax		
NVS	Novosibirsk 59.62 333 eP	pmax	pmax	18 52 49.9	-1.8
NVS	comp=N,20nm,1.4s	pmax	pmax		
NVS	comp=E,20nm,1.4s	pmax	pmax		
NVS	comp=Z,35nm,1.4s	pmax	pmax		
KBL	Kabul 59.68 307 eP	pmax	pmax	18 52 52.0	-0.8
KBL	comp=Z,17nm,0.8s	pmax	pmax		
KBL	Kabul 59.68 307 eP	P	P	18 52 52.0	-0.8
SEY	Seymchan 60.05 14ceP	P	P	18 52 56.7	+2.3
DZET	Dzherino 61.01 311 P	pmax	pmax	18 52 59.4	-2.3
DZET	comp=Z,17nm,0.7s	pmax	pmax		
KK31	Karatay Array 61.19 316 P	pmax	pmax	18 53 01.4	-1.2
KK31	comp=Z,2.0nm,0.4s	pmax	pmax		
KKAR	Karatay Array 61.19 316 eP	pmax	pmax	18 53 01.5	-1.1
KKAR	comp=Z,11nm,0.7s	pmax	pmax		
KKAR	Karatay Array 61.19 316 eP	P	P	18 53 01.5	-1.1
OTUK	Ortayu 61.98 322 P	pmax	pmax	18 53 05.4	-2.5
OTUK	comp=Z,5.0nm,0.8s	pmax	pmax		
VOSK	Vostochnaya 64.67 327 iP	pmax	pmax	18 53 23.6	-1.9
VOSK	comp=Z,9.0nm,0.7s	pmax	pmax		
BVA0	Borovoye Array 65.12 327 P	pmax	pmax	18 53 26.7	-1.8
BVA0	comp=Z,32nm,1.1s	pmax	pmax		
BRVK	Borovoye 65.20 327 eP	pmax	pmax	18 53 27.6	-1.3
BRVK	comp=Z,9.0nm,0.8s	pmax	pmax		
BRVK	Borovoye 65.20 327 P	P	P	18 53 28.8	-0.1
BRVK	comp=Z,139nm,1.1s,SNR=9.8	P	P	18 53 27.2	-1.7
BRVK	SNR=12	P	P	18 53 27.3	-1.7
BRVK	Borovoye 65.20 327 eP	P	P	18 53 27.3	-1.7

IDAHA	Dahanechah 66.82 303 eP	P	P	18 53 39.8	-0.3
IMYA	Miami 67.19 307 eP	P	P	18 53 41.1	-1.1
IKOO	Kooshah 67.50 303 eP	P	P	18 53 44.0	-0.4
BILL	Bilibino 67.60 15ceP	P	P	18 53 44.7	+0.7

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and other parameters. Includes stations like KSAR, WJNU, KRSR, etc.

JMA 15 19:31:49.9-0.1, 24:35N:121.76E, h59km, 1km, M2.1
ISCJB 15 19:31:51.0, 0.4, 24:43N:121.83E:0.02, h55km, 5km,
Error ellipse: s-maj=6.0km s-min=2.7km az=155.9

Main table of station data with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and other parameters. Lists numerous stations like ENA, TWC, ASAR, etc.

AUST 15 19:51:59.3, 3:00N:124:50E, h200km
ISCJB 15 19:52:11.4, 0.5, 1:72N:0:06:124:59E:0:06, h250km,
mb3.5/6, Error ellipse: s-maj=8.6km s-min=8.0km
az=175.4

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and other parameters. Includes stations like IDC, GTOI, SGTI, etc.

ISN 15 19:57:49.2, 1.4, 30:32N:57:53E, h0km, 250km
IDC 15 19:57:56.4, 0.6, 30:66N:56:77E, h0km, mb4.1/19,
mb1.4/125, mb1mx4.0/46, mbmp4.0/25, ML3.6/6, MS3.3/6,
Ms1.3/4.6, ms1mx2.9/43, Error ellipse: s-maj=16.1km
s-min=13.0km az=169.0

Main table of station data with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and other parameters. Lists numerous stations like KHGB, TVBK, etc.

Main table of station data with columns: Code, Station Name, Azimuth, Azimuth Error, Phase, ID, Time, Residual, and other parameters. Lists numerous stations like IRAM, IRAM, IRAM, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, ISC, and other parameters. Includes stations like MKAR, KURBB, KURKB, ARU, KURK, MLR, OBN, AKASG, KIEV, ZALV, KOLS, FINES, KMB0, GERES, CLL, MBAR, CMAR, SONM, ULN, NOA, HHC, BOD, TORD, KSAR, KSR5, SUMG, SEY, BOSA, BILL, ILAR, EGAK, PMR, KDAK, KDAK, WRA.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, ISC, and other parameters. Includes stations like WRA, ASAR, TXAR, W34A, W35A, W36A, W37A, W38A, W39A, W40A, W41A, W42A, W43A, W44A, W45A, W46A, W47A, W48A, W49A, W50A, W51A, W52A, W53A, W54A, W55A, W56A, W57A, W58A, W59A, W60A, W61A, W62A, W63A, W64A, W65A, W66A, W67A, W68A, W69A, W70A, W71A, W72A, W73A, W74A, W75A, W76A, W77A, W78A, W79A, W80A, W81A, W82A, W83A, W84A, W85A, W86A, W87A, W88A, W89A, W90A, W91A, W92A, W93A, W94A, W95A, W96A, W97A, W98A, W99A, W100A.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, ISC, and other parameters. Includes stations like Y32A, Z36A, X31A, S37A, R36A, MIAR, R37A, ABTX, AMTX, CBKS, P34A, Q30A, Y28A, 333A, U27A, T27A, 332A, MSTX, JCT, SDCO, SDCO, ISCO, BSO1, BSO2, JHJ2, JHJ3, JHJ4, JHJ5, JHJ6, JHJ7, JHJ8, JHJ9, JHJ10, JHJ11, JHJ12, JHJ13, JHJ14, JHJ15, JHJ16, JHJ17, JHJ18, JHJ19, JHJ20, JHJ21, JHJ22, JHJ23, JHJ24, JHJ25, JHJ26, JHJ27, JHJ28, JHJ29, JHJ30, JHJ31, JHJ32, JHJ33, JHJ34, JHJ35, JHJ36, JHJ37, JHJ38, JHJ39, JHJ40, JHJ41, JHJ42, JHJ43, JHJ44, JHJ45, JHJ46, JHJ47, JHJ48, JHJ49, JHJ50, JHJ51, JHJ52, JHJ53, JHJ54, JHJ55, JHJ56, JHJ57, JHJ58, JHJ59, JHJ60, JHJ61, JHJ62, JHJ63, JHJ64, JHJ65, JHJ66, JHJ67, JHJ68, JHJ69, JHJ70, JHJ71, JHJ72, JHJ73, JHJ74, JHJ75, JHJ76, JHJ77, JHJ78, JHJ79, JHJ80, JHJ81, JHJ82, JHJ83, JHJ84, JHJ85, JHJ86, JHJ87, JHJ88, JHJ89, JHJ90, JHJ91, JHJ92, JHJ93, JHJ94, JHJ95, JHJ96, JHJ97, JHJ98, JHJ99, JHJ100.

ISCJB 15 22:12:03.2.0.5, 33:36N, 0:06:138:29E, 0:06, h300km, mb3.27, Error ellipse: s-maj=7.9km s-min=7.2km az=161.7

IDC 15 21:12:03.2.0.6, 33:28N, 138:21E, h298km, 9km, mb3.1/7, mb1 3.3/9, mb1mx3.1/42, mbtmp3.7/9, Error ellipse: s-maj=29.0km s-min=12.8km az=64.0

ISC 15 21:12:03.7.0.8, 33:41N, 0:07:138:29E, 0:07, h300km, n30, c0595/37, mb3.3/7, Southeast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like Tokai 2, TONANKAI O.B.S, etc.

SJA 15 21:14:13.2.0.9, 24:09S, 66:86W, h218km, 22km, ML2.8, MW2.8

IDC 15 21:14:14.3.1.5, 24:05S, 66:74W, h191km, 23km, mb3.5/2, mb1 3.5/6, mb1mx3.2/28, mbtmp4.0/6, Error ellipse: s-maj=33.7km s-min=19.8km az=8.0

ISCJB 15 21:14:16.3.0.6, 24:13S, 0:06:66:95W, 0:09, h181km, mb3.8/2, Error ellipse: s-maj=12.0km s-min=6.4km az=151.0

ISC 15 21:14:14.8.1.0, 24:13S, 0:06:66:94W, 0:07, h181km, n12, c0265/16, Salta Province

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like San Lorenzo, Humahuaca, Santa Barbara, etc.

NIED 15 21:40:00.32:10N, 142:00E, h5km, Mw3.6 Best double couple: M2 620000, 1014 NP1, 84.00000, 862.00000, 1-167.00000, NP2, 348.00000, 879.00000, 1-29.00000

ISCJB 15 21:40:56.1.0.7, 32:07N, 0:04:141:57E, 0:10, h26km, mb3.7/3, Error ellipse: s-maj=12.2km s-min=4.3km az=161.7

JMA 15 21:40:56.8.0.5, 32:14N, 142:04E, h34km, M3.7

IDC 15 21:40:57.6.3.5, 31:84N, 141:29E, h0km, mb3.6/3, mb1 3.7/5, mb1mx3.5/29, mbtmp3.6/5, ML3.7/2, MS2.4/2, Ms1 2.4/2, ms1mx2.2/35, Error ellipse: s-maj=121.2km s-min=17.1km az=65.0

ISC 15 21:40:57.5.1.0, 32:06N, 0:05:141:38E, 0:09, h26km, n17, c1959/25, mb3.3/7, Southeast of Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Hachiojimakas, Mitsune, Hachiojima 2, etc.

WRA Warramunga Arr 52.21 189 P P 21 50 08.1 +1.9

ASAR Alice Springs 55.94 189 P P 21 50 35.4 +1.9

GUC 15 21:57:11.0.1.0.6, 18:41S, 70:99W, h38km, 4km, ML4.3, 3C-1D, Near coast of northern Chile

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

DHMR 15 21:57:19.1.0.3, 14:10N, 44:31E, h2km, 10km, ML3.0, 4C-1D, Western Arabian Peninsula

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

CASC 15 22:30:38.8.0.3, 8:76N, 82:88W, h3km, 9km, MD3.8, 1C, Panama-Costa Rica border region

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

GUC 15 22:35:44.6.0.5, 35:00S, 72:83W, h30km, 13km, ML3.5, 2C, Near coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Hualae0, Talca, Cobquecura, etc.

WEL 15 22:35:55.1.0.1, 43:61S, 172:26E, h9km, ML3.6/16, 3C-4D, Error ellipse: s-maj=0.5km s-min=0.5km az=90.0, South Island

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

mb1mx3.8/26, mbtmp3.9/9, ML3.1/2, MS3.2/1, Ms1 3.2/1, ms1mx2.6/31, Error ellipse: s-maj=30.2km s-min=21.9km az=57.0

ISCJB 15 22:48:30.9.0.7, 2:13N, 0:07:76:76W, 0:1, h33km, mb3.8/6, Error ellipse: s-maj=17.4km s-min=8.6km az=15.1

ISC 15 22:48:33.0.0.8, 2:19N, 0:08:76:77W, 0:1, h35km, n12, c1925/12, mb3.7/6, Colombia

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

ISCJB 15 23:10:11.0.0.8, 51:50N, 0:04:16:06E, 0:03, h0km, Error ellipse: s-maj=5.3km s-min=0.9km az=15.4

CSEM 15 23:10:12.3.0.4, 51:52N, 16:05E, h2km, ML3.2/7, Error ellipse: s-maj=5.7km s-min=3.3km az=8.0

PRU 15 23:10:14.6.1, 51:47N, 16:08E, h0km

ISC 15 23:10:12.4.1, 2:51S, 154N, 0:05:16:05E, 0:02, h0km, n35, c050/63, 1C-1D, Poland

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like KSP Ksiadz, Upec, Dobruska-Polom, etc.

ISC 15 23:28:21.9.2.2, 31:19S, 178:11W, h0km, mb4.1/3, mb1 4.4/3, mb1mx3.9/21, mbtmp4.1/3, MS3.1/2, Ms1 3.1/2, ms1mx2.7/29, Error ellipse: s-maj=82.0km s-min=37.0km az=42.0, Kermadec Islands region

ASAR Alice Springs 42.98 268 P P 23 26 22.8 -0.2

WRA Warramunga Arr 44.04 273 P P 23 26 31.6 0.0

GSPA South Pole Qui 58.92 180 P P 23 28 22.5 -0.2

ISC 15 23:31:33.6.0.5, 32:58S, 71:42W, h23km, 5km, ML2.9

ISCJB 15 23:31:35.3.1.0, 32:66S, 0:05:71:50W, 0:06, h25km, 7km, Error ellipse: s-maj=9.6km s-min=7.9km az=39.9

ISC 15 23:31:34.3.1.5, 32:59S, 0:06:71:44W, 0:07, h27km, 13km, n18, c1904/24, Near coast of central Chile

Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Instituto Hidir, El Roble, Peidehue, Cerro Calan, Talagante, Antumapu, Longovio, Uspallata, Leoncito, Cerro Arco, Salagasta, Agrelo, Cerro Valdivia, Cerro Villucun, Coronel Fontan, Mogna, Vinchina, Tanti.

ISCJB 15 23:32:58.6:1.1, 22:05:03:179:4W:0.2, h592km, mb3.6/6, Error ellipse: s-maj=37.3km s-min=22.0km az=172.9, IDC 15 23:32:59.3:5.2, 21:88S:179:42W, h595km, 5.7km, mb3.0/6, mb1 3.3/7, mb1mx3.0/24, mbtmp4.0/7, Error ellipse: s-maj=35.5km s-min=28.4km az=51.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Mont Dzumac, Charters Tower, Port Moresby, Warramunga Arr, Alice Springs, South Pole Qui, Mina Array Bea, Chiang Mai Arr, Keskin Array B, Malin Array Be, Keskin Array B, Geres Array B.

PRE 15 23:37:52.3:1.3, 21:66S:26:54E, h5km, ML3.5, Botswana

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Messina, Lobatse, Parys, Schweizer, Itzhi-Tezhi, Pongola, Upington, Tsumbe, Windhoek.

ISK 15 23:45:18.6, 38:33N:25:97E, h4km, MD2.7, ATH 15 23:45:20.7, 38:22N:26:01E, h5km, 3km, MD3.0/8, DDA 15 23:45:21.6, 38:20N:26:08E, h8km, MD2.7, CSEM 15 23:45:21.0:0.3, 38:25N:26:06E, h2km, MD3.0, Error ellipse: s-maj=7.5km s-min=5.7km az=110.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Chios island, Zmir, Izmir, Samos, Samos, Sigros, Paraskvi, Dikili, Ayvalik, Bodrum, Tasuluk, Kayabasi.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Serifos, Pentell, Voula, Athens, Alice Springs, Warramunga Arr, Vanda, South Pole Qui, Finesse Array B, Malin Array Be.

ISCJB 15 23:51:11.5:1.7, 30:24S:178:11W, h0km, mb4.1/4, mb1 4.3/4, mb1mx3.9/31, mbtmp4.1/4, Error ellipse: s-maj=51.4km s-min=29.1km az=51.0, Kermadec

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Alice Springs, Warramunga Arr, Vanda, South Pole Qui, Finesse Array B, Malin Array Be, Port Moresby, Warramunga Arr, Alice Springs, South Pole Qui, Mina Array Bea, Chiang Mai Arr, Keskin Array B, Malin Array Be, Keskin Array B, Geres Array B.

ISCJB 16 00:00:21.6:0.3, 30:93S:0:03:65:68W:0:04, h187km, 3km, mb4.3/18, Error ellipse: s-maj=6.4km s-min=5.0km az=15.4

NEIC 16 00:00:21.7:0.7, 30:93S:65:61W, h173km, 8km, mb4.9/8, Error ellipse: s-maj=11.3km s-min=7.5km az=90.0, BUI 16 00:00:21.4, 30:90S:65:60W, h167km, mb4.9/4, SJA 16 00:00:22.0:0.9, 30:97S:65:67W, h184km, 6km, ML3.8, h173.9

IDC 16 00:00:22.1:0.7, 30:86S:65:57W, h175km, 6km, mb3.8/11, mb1 4.0/15, mb1mx3.8/33, mbtmp4.4/15, Error ellipse: s-maj=15.9km s-min=11.8km az=90.0

ISC 16 00:00:21.6:0.3, 30:92S:0:05:65:66W:0:05, h173km, 4km, h173km: p-P, n67, s173/88, mb4.3/18, 1C-8D, Cordoba

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Tanti, San Martin, Cantant, Coronel Fontan, Cerro Villucun, Choya, San Juan, Cerro Valdivia, Vinchina, Salagasta, Leoncito, Cerro Arco, Uspallata, Horco Molle, Las Campanas.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like San Pedro, Hualalao, Zapal, Torquait, Villa Florida, Limon Verde, Limon Verde, La Paz, East Falkland, Samuel, Brasilia, Ushuaia, Pitinga, Fort de France, Cabo Rojo, Cerro Arco, Cerro Villucun, Neumayer-Stat, Neumayer-Watz, Sanae, Sanae, Sanae, South Pole Qui, Syowa Base, Vanda, Dimbokro, Lajitas Array, Poplar Bluff, Mawson, Sadowa, Boshof, Torodi Arr, Torodi Arr, Torodi Arr, Belle Mtn, Belle Mtn, Belle Mtn, Alice Springs, Warramunga Arr, Kashi, Kashi, Kashi, Kashi, Zalesovo Base, ZALV, Makanchi Array, Makanchi Array, WMO, Lanzhou, Lanzhou, Lanzhou, Hu-ho-hao-te, Hu-ho-hao-te, Chengdu, Guiyang.

ISCJB 16 00:01:08.2:0.3, 33:86N:0:06:137:27E:0:05, h359km, 2km, mb3.6/17, Error ellipse: s-maj=9.3km s-min=6.7km az=162.6

IDC 16 00:01:08.7:0.6, 33:83N:137:20E, h350km, 6km, mb3.4/17, mb1 3.5/22, mb1mx3.4/46, mbtmp4.1/22, Error ellipse: s-maj=11.9km s-min=10.5km az=81.0

JMA 16 00:01:08.2:0.3, 33:92N:137:27E, h363km, 4km, M3.2, ISC 16 00:01:08.9:0.6, 33:87N:0:06:137:24E:0:05, h354km, 5km, n43, s078/53, mb3.6/17, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TONANKAI O.B.S, TONANKAI O.B.S, Ise, Kozaga, Kouya, Shimob, Odawara 2, Wachi, Hachioji jima 2, Mitsune, Aioi, Ryogami san, Matushiro Arr.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like MJAR, MAT, MTS, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like KLRI, KHOM, CMAI, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like DURS, ARMT, MDNY, etc.

ISCJB 16:00:13:28.6:0.5:5:15N:0:06:88:62E:0:04, h10km, mb4.2/19, MS3.4/9, Error ellipse: s-maj=9.7km s-min=4.7km az=20.6

ISCJB 16:00:13:29.6:0.9:5:24N:88:78E, h0km, mb4.1/12, mb1 4.2/15, mb1mx4.0/34, mbtmp4.1/15, ML4.1/3, MS3.4/11, Ms1 3.4/11, ms1mx3.2/31, Error ellipse: s-maj=27.0km s-min=16.4km az=38.0

MEX 16:00:30:14.9:0.7, 17:25N:94:18W, h98km, 35km, MD3.6, Chiapas

NEIC 16:00:13:31.2:0.5:5:19N:88:71E, h10km, mb4.5/7, Error ellipse: s-maj=12.1km s-min=7.1km az=209.0

ISC 16:00:13:31.9:0.7, 5:31N:0:09:88:74E:0:06, h10km, n83, e=17776, mb4.3/19, MS3.4/9, North Indian Ocean

MEX 16:01:01:24.9:0.6, 23:52N:0:04:128:51E:0:04, h10km, n45, e=1835/39, mb3.9/11, MS3.5/15, Ryukyu Islands

Main table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Contains a large list of station data.

ISK 16:00:22:58.9:40:47N:26:94E, h6km, MD2.7

ISCJB 16:00:22:59.2:0.5:40:46N:0:03:26:95E:0:03, h1km, 7km, Error ellipse: s-maj=5.4km s-min=4.1km az=162.0

DDA 16:00:22:59.6:40:45N:27:00E, h10km, MD2.8

CSEM 16:00:22:59.0:1.40:48N:26:94E, h5km, MD2.8, Error ellipse: s-maj=2.4km s-min=1.9km az=161.0

ISC 16:00:22:59.7:1.0:40:47N:0:03:26:95E:0:02, h8km, 11km, n28, e=4040/22, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, Res, ISC. Includes stations like SART, TEK, MARM, etc.

GUC 16:01:16:49:1.0:5:32:05S:71:59W, h30km, 8km, ML3.1

ISC 16:01:16:40:8:2.5:31:83S:0:06:72:1W:0:1, h30km, 18km, n18, e=13127/3C-2D, Off coast of central Chile

Table of astronomical observations for 16d 1h, listing stations like WRA, CD2, SNY, ASAR, etc., with columns for station name, time, magnitude, and other parameters.

Table of astronomical observations for 2010 SEP, listing stations like AFI, MSVF, RAR, DZM, etc., with columns for station name, time, magnitude, and other parameters.

Table of astronomical observations for 786, listing stations like CNB, CTA, CTAO, etc., with columns for station name, time, magnitude, and other parameters.

MOS 16:01:54:34.0-0.9, 15:88S:173:96W, h40km, mb5.7/93, MS4.6/6, Error ellipse: s-maj=7.6km s-min=6.4km az=69.0

mb1 5.3/24, mb1mx5.3/25, mb1mp5.5/24, ML5.1/3, MS4.6/24, M1 4.6/24, ms1mx4.5/31, Error ellipse: s-maj=13.4km s-min=9.6km az=146.0

mb1 01:54:36.0-0.9, 16:10S:173:81W, h46km, mb5.9/9km, Error ellipse: s-maj=8.1km s-min=6.3km az=114.0

16d 1h

2010 SEP

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like HAWA Hanford, CRAG Craig, MSU Marysue, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like CN2, TRF, TX31, TXAR, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like YMC Maple Creek, YMC Purple Mountain, IM04 Indian Mountain, etc.

K22A	Casper	baz=85,SNR=9.5	84.95	43	eP	P	02 07 06.4	0.0
035A	Encino	comp=Z,98nm,1.8s	84.98	60	P	P	02 07 08.2	+1.5
633A	Seathoff Ranch	baz=85,SNR=5.3	85.00	58	P	P	02 07 07.1	+0.3
231A	Bronte	baz=85,SNR=38	85.00	55	P	P	02 07 06.8	0.0
432A	Menard	baz=85,SNR=49	85.02	56	P	P	02 07 06.7	-0.2
V28A	Channing	baz=85,SNR=15	85.02	51	P	P	02 07 07.0	+0.1
834A	Tilden	baz=85,SNR=22	85.03	59	P	P	02 07 08.0	+1.0
FYU	Fort Yukon	baz=85,SNR=22	85.07	11	eP	P	02 07 05.4	-0.8
BILL	BILL	comp=Z,23nm,0.7s	85.08	353d	iP	P	02 07 05.9	-0.4
BILL	BILL	comp=Z,23nm,0.7s					02 07 15.8	+6.5
BILL	BILL						02 10 22.8	
AMTX	Amarillo	comp=Z,123nm,1.3s	85.09	52	P	P	02 07 07.1	-0.1
AMTX	Amarillo	baz=85	85.09	52	eP	P	02 07 07.6	+0.3
R26A	Arlington	comp=Z,78nm,1.0s	85.17	48	P	P	02 07 07.3	-0.3
T27A	Campo	baz=85,SNR=12	85.19	49	P	P	02 07 07.2	-0.5
W29A	Amrillio	baz=85,SNR=7.4	85.20	52	P	P	02 07 07.7	-0.1
131A	Roby	baz=85,SNR=17	85.22	54	P	P	02 07 08.0	+0.1
332A	Millersview	baz=85,SNR=20	85.25	56	P	P	02 07 08.0	0.0
U28A	Mallet	baz=85,SNR=51	85.28	50	P	P	02 07 07.9	-0.2
734A	La Parita Cree	baz=86	85.28	58	P	P	02 07 08.9	+0.7
Y30A	Stofford Cattl	baz=86	85.29	53	P	P	02 07 08.3	+0.1
S27A	Las Animas	baz=86	85.31	49	P	P	02 07 08.0	-0.4
533A	Kerrville	baz=86,SNR=15	85.33	57	P	P	02 07 08.5	0.0
Q26A	Hugo	baz=86	85.38	47	P	P	02 07 08.7	0.0
EGMT	Eagleton	baz=86,SNR=12	85.50	37	P	P	02 07 09.1	+0.1
EGMT	Eagleton	comp=Z,28nm,1.0s	85.50	37	eP	P	02 07 09.1	+0.1
232A	Coleman	baz=86,SNR=24	85.51	55	P	P	02 07 09.6	+0.2
X30A	Coker Ranch, T	baz=86,SNR=5.0	85.53	52	P	P	02 07 09.3	-0.1
433A	Art	baz=86,SNR=38	85.54	56	P	P	02 07 09.5	+0.1
BJT	Baijiatuu	comp=Z,140nm,0.4s	85.58	314	eP	P	02 07 09.3	-0.1
BJT	Baijiatuu	comp=Z,140nm,0.4s	85.58	314	eP	P	02 07 09.3	-0.1
BJI	Beijing	comp=Z,33nm,1.5s	85.58	314	P	S	02 07 10.0	+0.6
BJI	Beijing						02 17 26.0	-8.5
BJI		comp=Z,710nm,11.3s						
BJI		comp=Z,330nm,21.3s						
BJI		comp=Z,280nm,34.6s						
BJI		comp=Z,900nm,39.7s						
V29A	Stinnett	baz=86	85.60	51	P	P	02 07 09.9	+0.1
FRIM	Keopong	baz=86,SNR=5.5	85.62	275	iP	P	02 07 11.6	+1.3
R27A	Eads	baz=86,SNR=7.7	85.63	48	P	P	02 07 09.4	-0.4
634A	China Grove, S	baz=86	85.64	58	P	P	02 07 10.5	+0.5
T28A	Walsh	baz=86,SNR=9.4	85.65	50	P	P	02 07 09.5	-0.5
Z31A	Sharp Cattle R	baz=86,SNR=40	85.66	54	P	P	02 07 10.3	+0.2
835A	Beaville	baz=86	85.68	59	P	P	02 07 10.6	+0.4
P26A	Davis Ranch, A	baz=86	85.77	47	P	P	02 07 10.2	-0.3
534A	Blanco	baz=86,SNR=61	85.77	57	P	P	02 07 11.2	+0.5
ABTX	Abilene, Hawle	baz=86,SNR=68	85.79	55	P	P	02 07 11.0	+0.3
ABTX	Abilene, Hawle	comp=Z,189nm,0.9s	85.79	55	eP	P	02 07 10.6	-0.1
Y31A	Rekieta Farm	baz=86,SNR=15	85.81	53	P	P	02 07 11.0	+0.3
333A	Richland Sprin	baz=86,SNR=41	85.83	56	P	P	02 07 11.2	+0.3
735A	Kenedy	baz=86,SNR=7.9	85.90	59	P	P	02 07 12.7	+1.4
S28A	Manter	baz=86	86.00	49	P	P	02 07 11.4	-0.3
U29A	Oasis Ranch, S	baz=86	86.01	50	P	P	02 07 11.7	-0.1
W30A	Crockett Farms	baz=86	86.04	52	P	P	02 07 12.2	+0.2
KSCO	Kaye Shedlock	baz=86	86.05	48	P	P	02 07 12.2	+0.3
M25A	Palm-Egill Farm	baz=86	86.06	45	P	P	02 07 12.3	+0.3
O26A	Horse Wrangler	baz=86,SNR=5.5	86.07	46	P	P	02 07 12.1	+0.1
635A	Leesville	baz=86,SNR=11	86.11	58	P	P	02 07 13.3	+1.0
233A	Rising Star	baz=86,SNR=33	86.15	55	P	P	02 07 12.8	+0.3
Z32A	Haskell	baz=86,SNR=92	86.17	54	P	P	02 07 12.9	+0.4
V30A	Spur Ranch, Mi	baz=86	86.17	51	P	P	02 07 13.1	+0.5
434A	Burnet	baz=86,SNR=53	86.22	57	P	P	02 07 13.0	+0.2
EDM	Edmonton	comp=Z,180nm,1.4s	86.26	32	eP	P	02 07 12.2	-0.3
EDM	Edmonton	comp=Z,180nm,1.4s	86.26	32	eP	P	02 07 12.2	-0.3
T29A	Hugoton	baz=86	86.27	50	P	P	02 07 12.4	-0.6
X31A	McDonald Ranch	baz=86,SNR=8.4	86.28	53	P	P	02 07 12.6	-0.5
P27A	Ficken Ranch	baz=86	86.31	47	P	P	02 07 13.0	-0.2
133A	Hamilton Ranch	baz=87,SNR=37	86.35	55	P	P	02 07 13.8	+0.3
R28A	Tribune	baz=87,SNR=20	86.36	49	P	P	02 07 13.4	-0.1
N26A	Koester Ranch	baz=87	86.38	46	P	P	02 07 13.2	-0.3
334A	Lometa	baz=87,SNR=86	86.43	56	P	P	02 07 14.2	+0.3
L25A	Engelbretsen Ra	baz=87	86.43	44	P	P	02 07 14.4	+0.6
Y32A	R-V Farms, Ver	baz=87,SNR=12	86.46	53	P	P	02 07 14.3	+0.4
U30A	WK&E Inc. Balk	baz=87	86.50	51	P	P	02 07 13.8	-0.4
535A	Dale	baz=87,SNR=7.3	86.50	58	P	P	02 07 15.0	+0.8
W31A	Holland Ranch	baz=87,SNR=9.2	86.52	52	P	P	02 07 14.1	-0.1
736A	Circle Diamond	baz=87,SNR=11	86.54	59	P	P	02 07 16.2	+1.8
IPM	Ipoh	comp=Z,39nm,0.6s	86.54	276	eP	P	02 07 14.2	-0.6
S29A	Ulysses	baz=87,SNR=7.6	86.58	49	P	P	02 07 14.6	0.0
O27A	Beecher Island	baz=87	86.63	47	P	P	02 07 14.7	-0.1
Q28A	Sharon Springs	baz=87	86.64	48	P	P	02 07 14.5	-0.3
K25A	Mack Ranch, Ha	baz=87	86.69	44	P	P	02 07 15.4	+0.3
M26A	McRoberts Ranc	baz=87	86.70	45	P	P	02 07 14.9	-0.2
Z33A	Whitaker Ranch	baz=87	86.72	54	P	P	02 07 15.6	+0.3

636A	Smothers Creek	baz=87,SNR=25	86.73	58	P	P	02 07 16.7	+1.4
X32A	Elmer	baz=87,SNR=11	86.73	53	P	P	02 07 14.9	-0.4
234A	Clairette	baz=87,SNR=17	86.75	56	P	P	02 07 15.7	+0.3
435B	Jarrell	baz=87,SNR=30	86.76	57	P	P	02 07 16.1	+0.7
T30A	Plains	baz=87,SNR=8.1	86.79	50	P	P	02 07 15.2	-0.3
V31A	Spring Creek L	baz=87	86.82	52	P	P	02 07 16.6	+0.9
N27A	Anderson Farm,	baz=87,SNR=13	86.84	46	P	P	02 07 16.0	+0.2
R29A	Marienthal	baz=87	86.88	49	P	P	02 07 15.5	-0.5
ENH	Enshi	comp=Z,15nm,0.8s	86.89	303	eP	P	02 07 14.3	-1.8
P28A	Saint Francis	baz=87	86.89	47	P	P	02 07 15.6	-0.5
536A	Bastrop	baz=87,SNR=13	86.93	58	P	P	02 07 17.1	+0.8
LAO	LASA Array	baz=87,SNR=18	86.98	40	P	P	02 07 17.0	+0.8
LAO	LASA Array	comp=Z,46nm,1.1s	86.98	40	eP	P	02 07 17.1	+0.8
L26A	Underwood Farm	baz=87	86.98	45	P	P	02 07 16.8	+0.3
737A	Port Lavaca	baz=87	86.99	59	P	P	02 07 18.0	+1.4
134A	White-Moore Ra	baz=87,SNR=20	87.00	55	P	P	02 07 17.2	+0.6
W32A	Sentinel	baz=87,SNR=20	87.03	52	P	P	02 07 16.8	+0.1
U31A	Nimz Bar Ranch	baz=87	87.03	51	P	P	02 07 16.7	0.0
MAW	Mawson	comp=Z,79nm,0.6s	87.05	199	P	P	02 07 16.8	+0.6
MAW	Mawson	comp=Z,79nm,0.6s	87.05	199	P	P	02 07 16.8	+0.6
MAW	Mawson	comp=Z,79nm,0.6s	87.05	199	iP	P	02 07 16.7	+0.6
335A	Mood	baz=87,SNR=83	87.06	56	P	P	02 07 17.2	+0.3
J25A	Sunshine Ranch	baz=87	87.07	43	P	P	02 07 16.6	-0.2
S30A	Montezuma	baz=87	87.07	50	P	P	02 07 16.5	-0.4
Y33A	Hilltop Ranch,	baz=87,SNR=6.9	87.09	54	P	P	02 07 17.0	0.0
O28A	Krusinger Ran	baz=87	87.10	47	P	P	02 07 16.8	-0.2
KULM	Kulm	comp=Z,15nm,1.0s	87.13	276	eP	P	02 07 16.7	-0.9
Q29A	Oakley	baz=87	87.18	48	P	P	02 07 17.2	-0.2
K26A	Motz Farm, Whi	baz=87	87.19	44	P	P	02 07 17.3	-0.1
RSSD	Black Hills	comp=Z,16nm,0.7s	87.22	43	eP	P	02 07 16.8	-0.9
RSSD	Black Hills	comp=Z,16nm,0.7s	87.22	43	eP	P	02 07 16.8	-0.9
RSSD	Black Hills	comp=Z,16nm,0.7s	87.22	43	eP	P	02 07 16.8	-0.9
WMOK	Wichita Mounta	comp=Z,26nm,1.6s	87.24	53	eP	P	02 07 18.5	+0.8
WMOK	Wichita Mounta	comp=Z,26nm,1.6s	87.24	53	eP	P	02 07 18.5	+0.8
WMOK	Wichita Mounta	comp=Z,26nm,1.6s	87.24	53	eP	P	02 07 18.5	+0.8
WHTX	Lake Whitney	baz=86,SNR=3.5	87.29	56	P	P	02 07 18.4	+0.4
WHTX	Lake Whitney	comp=Z,160nm,1.5s	87.29	56	eP	P	02 07 18.8	+0.8
637A	Eagle Lake	baz=86,SNR=6.2	87.31	58	P	P	02 07 19.7	+1.6
TIY	Taiyuan	comp=Z,380nm,4.7s	87.32	310	eP	P	02 07 18.8	+0.7
TIY	Taiyuan	comp=Z,380nm,4.7s	87.32	310	eP	P	02 10 39.1	-4.6
TIY	Taiyuan	comp=Z,380nm,4.7s	87.32	310	eP	P	02 17 39.5	+1.2
TIY	Taiyuan	comp=Z,180nm,11.7s						
TIY	Taiyuan	comp=Z,320nm,20.0s						
SKNT	Sakolnakorn	comp=Z,39nm,1.3s	87.37	288	P	P	02 07 19.7	+1.0
I25A	Rockford	baz=88	87.38	43	P	P	02 07 18.3	-0.1
X33A	Lawton	baz=88,SNR=7.5	87.38	53	P	P	02 07 18.0	-0.4
436A	Wall Ranch, Ga	baz=88,SNR=11	87.39	57	P	P	02 07 19.4	+0.9
V32A	Arapaho	baz=88	87.40	52	P	P	02 07 18.7	+0.2
Z34A	Collier Ranch,	baz=88	87.41	54	P	P	02 07 18.5	-0.1
HIA	Hailar	comp=Z,610nm,43.3s	87.44	323d	iP	P	02 07 18.2	-0.1
HIA	Hailar	comp=Z,45nm,1.2s	87.44	323	eP	P	02 07 18.4	+0.1
HIA	Hailar	comp=Z,55nm,1.3s	87.44	50	P	P	02 07 18.4	-0.2
T31A	Randall Ranch,	baz=88	87.45	49	P	P	02 07 18.5	-0.2
R30A	Dighton	baz=88,SNR=5.4	87.49	46	P	P	02 07 18.3	-0.6
N28A	Pribbeno Ranch	baz=88	87.49	46	P	P	02 07 18.3	-0.6
P29A	Atwood	baz=88,SNR=5.6	87.49	48	P	P	02 07 18.8	-0.1
J26A	Sides Ranch, S	baz=88	87.52	44	P	P	02 07 19.1	+0.1
L27A	T5 Ranch, Ellis	baz=88	87.52	45	P	P	02 07 18.9	-0.1
135A	Vickery Place,	baz=88,SNR=8.5	87.52	55	P	P	02 07 19.6	+0.5
537A	Green Hill Far	baz=88,SNR=7.7	87.54	58	P	P	02 07 20.6	+1.4
336A	Riesel	baz=88,SNR=6.1	87.56	57	P	P	02 07 19.8	+0.5
W33A	Caddo, Fort Co	baz=88	87.63	53	P	P	02 07 19.9	+0.3</

WLF	Walfardange	146.46 360	ePKP	PKPdf	02 14 10.8 +0.5	TRI	Trieste	149.73 349	ePKPbc	PKPbc	02 14 20.2 -0.3	AGG	Agios Georgios	153.06 331	eP	PKPdf	02 14 20.5 -0.6
WLF	Walfardange	146.46 360	ePKPdf	PKPdf	02 14 10.2 -0.1	SENI	Lac Senin/Sane	149.75 358	ePKPbc	PKPbc	02 14 21.2 +0.4	AGG	Agios Georgios	153.06 331	eP	PKPdf	02 14 27.7 -0.8
CEYT	Ceyhan	146.49 314	eP	PKPab	02 14 13.2 -0.1	VTS	Vitosh	149.76 335	P	PKPbc	02 14 20.5 -0.4	AGG	Agios Georgios	153.06 331	ePKPdf	PKPdf	02 14 20.8 -0.3
WET	Wetzell	146.53 352	ePKP	PKPdf	02 14 10.2 -0.2	VTS	Vitosh	149.76 335	P	PKPbc	02 14 20.5 -0.4	AGG	Agios Georgios	153.06 331	ePKPdf	PKPdf	02 14 27.6 -0.9
MSAB	Moanstra St. A	146.53 331	iP	PKPbc	02 14 12.2 +0.1	AND	Androupouli	149.82 329	P	PKPbc	02 14 19.8 -1.1	PTL	Penteli	153.08 328	P	PKPbc	02 14 27.5 -1.0
BCAM	Yenicaga	146.63 323	iP	PKPbc	02 14 12.8 +0.1	ALN	Alexandroupoli	149.82 329	P	PKPbc	02 14 19.8 -1.1	PTL	Penteli	153.08 328	P	PKPbc	02 14 26.8 -1.7
RBAM	Abou Rabah	146.65 309	eP	PKPdf	02 14 11.5 +0.4	BALV	Balya	149.85 326	iP	PKPbc	02 14 21.0 -0.1	AXAR	Agios Charalamb	153.11 331	eP	PKPdf	02 14 27.5 -1.1
VOIR		146.66 335	iPKP2	PKPbc	02 14 12.7 +0.1	ENEZ	Enez	149.89 329	eP	PKPbc	02 14 20.8 -0.2	AXAR	Agios Charalamb	153.11 331	eP	PKPdf	02 14 19.7 -1.4
NIGD	Nigde	146.67 317	eP	PKPdf	02 14 11.1 -0.2	KORU	Korkueli	150.07 319	iP	PKPbc	02 14 20.7 -1.1	AXAR	Agios Charalamb	153.11 331	eP	PKPdf	02 14 19.7 -1.4
GERES	GERESS Array S	146.70 351	ePKIKP	PKPbc	02 14 11.2 +0.1	KZIT	Kiziot	150.26 305	eP	PKPbc	02 14 23.4 +1.1	MAKR	Makrakomi, Fth	153.16 332	P	PKPbc	02 14 27.8 -0.9
GERES	GERESS Array S	146.70 351	ePKP	PKPdf	02 14 10.9 +0.1	EIL	Eilat	150.28 302	eP	PKPbc	02 14 22.5 +0.1	MAKR	Makrakomi, Fth	153.16 332	P	PKPbc	02 14 27.8 -0.9
GERES	GERESS Array B	146.70 351	ePKPbc	PKPdf	02 14 11.6 +0.7	EIL	Eilat	150.28 302	eP	PKPbc	02 14 22.5 +0.1	JAN	Janina	153.19 334	eP	PKPbc	02 14 29.5 +0.8
GERES	GERESS Array B	146.70 351	ePKPbc	PKPdf	02 14 11.6 +0.7	EIL	Eilat	150.28 302	eP	PKPbc	02 14 22.4 +0.1	ATH	Athens Observa	153.21 328	eP	PKPbc	02 14 28.5 -0.3
GERES	GERESS Array B	146.70 351	ePKPbc	PKPdf	02 14 11.6 +0.7	EIL	Eilat	150.28 302	eP	PKPbc	02 14 22.4 +0.1	WLV	Volia, Athens	153.26 328	eP	PKPbc	02 14 25.0 -0.4
ROOS	Il_aalroos	146.70 309	eP	PKPbc	02 14 13.2 +0.1	AKHS	Akhisar	150.35 324	iP	PKPbc	02 14 22.2 0.0	VLL	Villa	153.27 329	P	PKPbc	02 14 27.3 -1.7
YAYL	Yayladag	146.72 312	iP	PKPbc	02 14 13.0 -0.1	SMTH	Samothraki Isl	150.40 329	eP	PKPbc	02 14 22.5 +0.2	SRN	Sarande	153.34 336	P	PKPbc	02 14 28.1 -0.9
WRDH	Waridieh	146.75 311	eP	PKPbc	02 14 13.2 +0.1	SMTH	Samothraki Isl	150.40 329	eP	PKPbc	02 14 21.4 -0.9	SRN	Sarande	153.34 336	P	PKPbc	02 14 28.1 -0.9
SULR		146.78 333	iPKP	PKPab	02 14 13.9 -0.2	GOLH	Golhisar	150.41 320	iP	PKPbc	02 14 22.3 -0.3	EVYR	Evyrytania	153.38 332	P	PKPbc	02 14 19.8 -1.8
BBAL	Bala	146.79 320	iP	PKPbc	02 14 12.8 -0.4	DNZL	Cakiroluk	150.44 321	iP	PKPbc	02 14 23.0 +0.3	EVYR	Evyrytania	153.38 332	P	PKPbc	02 14 19.8 -1.8
ANTO	Ankara	146.79 321	iPKIKP	PKPdf	02 14 10.8 -0.4	KAVA	Kavala	150.48 331	P	PKPbc	02 14 22.0 -0.4	SER1	Serifos	153.42 326	eP	PKPdf	02 14 23.0 +1.4
ANTO	Ankara	146.79 321	iPKP	PKPdf	02 14 10.8 -0.4	KAVA	Kavala	150.48 331	P	PKPbc	02 14 22.0 -0.4	SANT	Santorini	153.44 323	eP	PKPbc	02 14 28.5 -0.9
BR21	Keskin MP Arra	146.82 321	eP	PKPdf	02 14 11.4 +0.1	NVR	Nevoropoli	150.49 332	eP	PKPbc	02 14 22.3 -0.0	SANT	Santorini	153.44 323	ePKPbc	PKPbc	02 14 28.5 -0.9
MTUR	Matiau	146.83 335	iPKP2	PKPbc	02 14 11.1 -0.4	NVR	Nevoropoli	150.49 332	eP	PKPbc	02 14 21.9 -0.6	SGD	Sagada	153.48 335	eP	PKPdf	02 14 22.0 +0.4
MTUR	Matiau	146.83 335	iPKP	PKPab	02 14 11.4 -0.4	NVR	Nevoropoli	150.49 332	eP	PKPbc	02 14 21.9 -0.6	SGD	Sagada	153.48 335	eP	PKPdf	02 14 22.0 +0.4
BUD	Budapest	146.88 344	ePKPdf	PKPbc	02 14 12.8 -0.2	PLE	Pljevlja	150.54 340	ePKP	PKPbc	02 14 22.3 -0.4	NIAS	Nisos Agina	153.49 328	eP	PKPdf	02 14 21.0 -0.7
KRTS	Karatas	146.97 314	eP	PKPbc	02 14 13.2 -0.4	AYVA	Ayvlik	150.66 326	iP	PKPbc	02 14 23.4 +0.5	IGT	Igoumenitsa	153.51 335	ePKIKP	PKPbc	02 14 28.4 -1.0
BIDA	Albida	147.04 311	eP	PKPbc	02 14 13.4 +0.4	IVA	Berane	150.78 339	iPKP	PKPbc	02 14 22.7 -0.5	IGT	Igoumenitsa	153.51 335	eP	PKPdf	02 14 28.4 -1.0
DEVA	Deva	147.10 338	iPKP2	PKPbc	02 14 13.5 -0.2	SRT	Kendrikon	151.02 332	ePKIKP	PKPbc	02 14 21.7 -1.5	LTG	Loutraiki	153.55 329	eP	PKPdf	02 14 25.5 +3.7
DEV	Deva	147.10 338	iPKP	PKPbc	02 14 13.4 -0.2	SRS	Serrai	150.80 332	P	PKPbc	02 14 21.7 -1.5	LTK	Loutraiki	153.55 329	eP	PKPbc	02 14 27.3 -2.2
PKSG		147.13 345	ePKPdf	PKPab	02 14 14.6 -0.8	UPM	Uvac-Piva	150.81 341	iPKP	PKPdf	02 14 22.5 -0.9	LTK	Loutraiki	153.55 329	eP	PKPbc	02 14 27.3 -2.2
LOT	Lotru	147.15 337	iPKP	PKPbc	02 14 14.3 +0.3	SSB	Saint Savaur	150.82 2	ePKIKP	PKPdf	02 14 18.2 +0.7	KEK	Kerkira	153.57 336	eP	PKPbc	02 14 29.0 -0.5
ZALF	Zalf	147.18 307	eP	PKPdf	02 14 13.0 +0.9	SSB	Saint Savaur	150.82 2	ePKIKP	PKPdf	02 14 18.2 +0.7	KEK	Kerkira	153.57 336	eP	PKPbc	02 14 27.0 -2.5
CONA	Conrad Observa	147.20 348	iPKPbc	PKPbc	02 14 12.0 +0.3	SSB	Saint Savaur	150.82 2	ePKIKP	PKPdf	02 14 18.2 +0.7	KEK	Kerkira	153.57 336	eP	PKPbc	02 14 27.0 -2.5
CONA	Conrad Observa	147.20 348	iPKPbc	PKPbc	02 14 12.0 +0.3	SSB	Saint Savaur	150.82 2	ePKIKP	PKPdf	02 14 18.2 +0.7	KEK	Kerkira	153.57 336	eP	PKPbc	02 14 27.0 -2.5
CONA	Conrad Observa	147.20 348	iPKPbc	PKPbc	02 14 12.0 +0.3	SSB	Saint Savaur	150.82 2	ePKIKP	PKPdf	02 14 18.2 +0.7	KEK	Kerkira	153.57 336	eP	PKPbc	02 14 27.0 -2.5
HAWK	Haweek	147.21 310	eP	PKPbc	02 14 14.8 +0.4	PRK	Paraskevi	150.93 327	ePKIKP	PKPbc	02 14 22.6 -1.0	LOUT	Loutraiki	153.57 329	eP	PKPdf	02 14 21.5 -0.3
PKST	Kunsentmiklos	147.21 310	ePKP	PKPbc	02 14 14.8 +0.4	PRK	Paraskevi	150.93 327	eP	PKPbc	02 14 22.6 -1.0	KALE	Kalithia	153.66 331	eP	PKPdf	02 14 22.0 0.0
STU	Stuttgart	147.26 356	ePKP2	PKPbc	02 14 13.1 -0.9	PRK	Paraskevi	150.93 327	eP	PKPbc	02 14 22.6 -1.0	KALE	Kalithia	153.66 331	eP	PKPbc	02 14 28.8 -1.0
STU	Stuttgart	147.26 356	ePKP	PKPdf	02 14 12.4 +0.8	SKD	Szabolcs-Kisrinyok-Aydi	150.93 327	eP	PKPbc	02 14 23.3 +0.6	KALE	Kalithia	153.66 331	eP	PKPbc	02 14 28.8 -1.0
STU	Stuttgart	147.26 356	ePKP2	PKPbc	02 14 13.1 -0.9	SKO	Skopje	150.99 336	ePKIKP	PKPbc	02 14 23.2 -0.5	THAL	Thalero	153.69 330	eP	PKPbc	02 14 29.0 -0.6
SOP	Sopron	147.29 347	ePKPdf	PKPbc	02 14 11.9 +0.2	SKO	Skopje	150.99 336	eP	PKPbc	02 14 23.2 -0.5	EPFO	Epfalio	153.74 331	eP	PKPdf	02 14 22.0 0.0
FKH	Fakehne	147.32 309	eP	PKPbc	02 14 15.1 +0.3	SKO	Skopje	150.99 336	eP	PKPbc	02 14 23.2 -0.5	EPFO	Epfalio	153.74 331	eP	PKPdf	02 14 21.9 0.0
PKST	Stuttgart	147.34 345	ePKPdf	PKPbc	02 14 13.5 -0.2	SKO	Skopje	150.99 336	eP	PKPbc	02 14 23.2 -0.5	EPFO	Epfalio	153.74 331	eP	PKPdf	02 14 21.9 0.0
HUMR	Humele	147.44 335	iPKP	PKPbc	02 14 13.8 -0.8	PVO	Plav	151.00 339	ePKP	PKPbc	02 14 22.6 -1.2	MHLO	Agia Marina, M	153.81 325	eP	PKPbc	02 14 30.0 -0.1
GZR	Gura Zlata	147.56 338	iPKP2	PKPbc	02 14 15.7 +0.6	LIAS	Limnos Island	151.00 329	P	PKPbc	02 14 22.4 -1.3	DID	Didima	153.81 328	eP	PKPdf	02 14 22.0 -0.2
GZR	Gura Zlata	147.56 338	iPKP	PKPbc	02 14 15.7 +0.6	LIAS	Limnos Island	151.00 329	P	PKPbc	02 14 22.4 -1.3	DID	Didima	153.81 328	eP	PKPdf	02 14 22.0 -0.2
MOA	Molin	147.57 350	iPKPbc	PKPdf	02 14 12.8 +0.5	AKAS	Kas	151.01 318	iP	PKPbc	02 14 23.3 -0.7	LAKA	Lakka	153.85 331	eP	PKPbc	02 14 23.0 +0.8
MOA	Molin	147.57 350	iPKPbc	PKPdf	02 14 12.8 +0.5	AKAS	Kas	151.01 318	iP	PKPbc	02 14 23.3 -0.7	LAKA	Lakka	153.85 331	eP	PKPbc	02 14 29.6 -0.6
MOA	Molin	147.57 350	iPKPbc	PKPdf	02 14 12.8 +0.5	AKAS	Kas	151.01 318	iP	PKPbc	02 14 23.3 -0.7	LAKA	Lakka	153.85 331	eP	PKPbc	02 14 29.6 -0.6
MOA	Molin	147.57 350	iPKPbc	PKPdf	02 14 12.8 +0.5	AKAS	Kas	151.01 318	iP	PKPbc	02 14 23.3 -0.7	LAKA	Lakka	153.85 331	eP	PKPbc	02 14 29.6 -0.6
MOA	Molin	147.57 350	iPKPbc	PKPdf	02 14 12.8 +0.5	AKAS	Kas	151.01 318	iP	PKPbc	02 14 23.3 -0.7	LAKA	Lakka	153.85 331	eP	PKPbc	02 14 29.6 -0.6
MOA	Molin	147.57 350	iPKPbc	PKPdf	02 14 12.8 +0.5	AKAS	Kas	151.01 318	iP	PKPbc	02 14 23.3 -0.7	LAKA	Lakka	153.85 331	eP	PKPbc	02 14 29.6 -0.6
MOA	Molin	147.57 350	iPKPbc	PKPdf	02 14 12.8 +0.5	AKAS	Kas	151.01 318	iP	PKPbc	02 14 23.3 -0.7	LAKA	Lakka	153.85 331	eP	PKPbc	02 14 29.6 -0.6
MOA	Molin	147.57 350	iPKPbc	PKPdf	02 14 12.8 +0.5	AKAS	Kas	151.01 318	iP	PKPbc	02 14 23.3 -0.7	LAKA	Lakka	153.85 331	eP	PKPbc	02 14 29.6 -0.6
MOA	Molin	147.57 350	iPKPbc	PKPdf	02 14 12.8 +0.5	AKAS	Kas	151.01 318	iP	PKPbc	02 14 23.3 -0.7	LAKA	Lakka	153.85 331	eP	PKPbc	02 14 29.6 -0.6
MOA	Molin	147.57 350	iPKPbc	PKPdf	02 14 12.8 +0.5	AKAS	Kas	151.01 318	iP	PKPbc	02 14 23.3 -0.7	LAKA	Lakka	153.85 331	eP	PKPbc	02 14 29.6 -0.6
MOA	Molin	147.57 350	iPKPbc	PKPdf	02 14 12.8 +0.5	AKAS	Kas	151.01 318	iP	PKPbc	02 14 23.3 -0.7	LAKA	Lakka	153.85 331	eP	PKPbc	02 14 29.6 -0.6
MOA	Molin	147.57 350	iPKPbc	PKPdf	02 14 12.8 +0.5	AKAS	Kas	151.01 318	iP	PKPbc	02 14 23.3 -0.7	LAKA	Lakka	153.85 331	eP	PKPbc	02 14 29.6 -0.6
MOA	Molin	147.57 350	iPKPbc	PKPdf	02 14 12.8 +0.5	AKAS	Kas	151.01 318	iP	PKPbc	02 14 23.3 -0.7	LAKA	Lakka	153.85 331	eP	PKPbc	02 14 29.6 -0.6
MOA	Molin	147.57 350	iPKPbc	PKPdf	02 14 12.8 +0.5	AKAS	Kas	151.01 318	iP	PKPbc	02 14 23.3 -0.7	LAKA	Lakka	153.85 331	eP	PKPbc	02 14 29.6 -0.6
MOA	Molin	147.57 350	iPKPbc	PKPdf	02 14 12.8 +0.5	AKAS	Kas	151.01 318	iP	PKPbc	02 14 23.3 -0.7	LAKA	Lakka	153.85 331	eP	PKPbc	02 14 29.6 -0.6
MOA	Molin	147.57 350	iPKPbc	PKPdf	02 14 12.8 +0.5	AKAS	Kas	151.01 318	iP	PKPbc	02 14 23.3 -0.7	LAKA	Lakka	153.85 331	eP	PKPbc	02

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SONMG Songino Array, MKAR Makanchi Array, ZALV Zalesovo Beam, etc.

ISCJB 16 02:14:37.3±0.8, 01:60'S:01:09:161.4E±0.2, h61km, mb4.1/9, Error ellipse: s-maj=24.0km s-min=10.2km az=157.6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, DZM DZM, CTA Charters Tower, etc.

CSEM 16 02:15:49.3, 38:05'N:26:28'W, h5km, ML2.9 PDA 16 02:15:49.3±2.0, 38:05'N:26:28'W, h5km, ML2.9, Error ellipse: s-maj=17.5km s-min=3.0km az=36.0, Azores Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PSET Sete Cidades, PDA Ponta Delgada, BART Pico Bartolome, etc.

IDC 16 02:32:21.0±0.6, 32:14'N:141:83'E, h0km, mb4.0/15, mb1.4/2.17, mb1mx3.1/32, mbtm3.0/17, ML4.1/2, Error ellipse: s-maj=17.9km s-min=13.8km az=72.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JHJC Hachiojimakas, JHJ2 Mitsune, JHJ1 Mitsune, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JYN Shimob, JRY Ryogami san, JAG Ashikaga, etc.

ISCJB 16 02:33:01.0±0.3, 33:01'N:142:33'E, h0km, mb3.5/5, MS3.0/2, Error ellipse: s-maj=7.9km s-min=6.1km az=5.2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZALV Zalesovo Beam, MKAR Makanchi Array, KURK Kurchatov, etc.

ISCJB 16 02:33:38.6±0.7, 11:8S:01:72:29W±0.06, h10km, mb3.9/4, Error ellipse: s-maj=16.3km s-min=7.9km az=2.9

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

NIED 16 02:57:00.28±0.8N:128:40E, h5km, Mw4.4 Best double couple: M3.77000±0.019 NPI±218.00000°, S34.00000°, L-146.00000°. NPZ±98.00000°, S72.00000°, L-61.00000°

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JAMN Amaminishikomi, JTJAK Takarajima, JTK Tokunoshima, etc.

IDC 16 02:57:29.2±0.8, 28:74'N:128:53'E, h0km, mb3.8/7, mb1.3/9.9, mb1mx3.7/30, mbtm3.6/9, MS3.6/4, Ms1.3/5.6, ms1mx3.2/28, Error ellipse: s-maj=33.3km s-min=15.6km az=80.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JAMN Amaminishikomi, JTJAK Takarajima, JTK Tokunoshima, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SONMG Songino Array, COMAR Chiang Mai Arr, MKAR Makanchi Array, etc.

KRSC 16 03:09:03.9±0.8, 55:17'N:160:52'E, h0km, ML3.9, Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KZV Kizimen, TUMR Tumrok, KMNK Kamenistaya, etc.

MEX 16 03:26:06.3±1.0, 17:35'N:101:62'W, h15km, MD3.7, Near coast of Guerrero

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ZIIG Zihuatajejo, CAIG El Cayaco, CAIG CAIG, etc.

ISCJB 16 03:32:56.9±1.3, 28:73'N:0:04:128:40E±0.05, h3km, 9km, mb3.5/5, MS3.0/2, Error ellipse: s-maj=7.9km s-min=6.1km az=5.2

IDC 16 03:32:58.0±0.9, 28:59'N:127:81'E, h0km, mb3.6/5, mb1.3/3.7, mb1mx3.6/43, mbtm3.6/7, ML3.2/3, MS3.1/3, Ms1.3/1.7, ms1mx2.8/29, Error ellipse: s-maj=37.8km s-min=15.4km az=77.0

JMA 16 03:32:57.8±0.2, 28:74'N:128:42'E, h7km, 3km, M3.4, ISC 16 03:32:57.1±1.9, 28:73'N:0:04:128:39E±0.07, h0km, 12km, n20, 0:89/22, mb3.6/5, Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JTJAK Takarajima, JAM Amaminishikomi, JTK Tokunoshima, etc.

IDC 16 03:37:41.2±3.2, 17:15'N:174:12'W, h0km, mb4.0/3, mb1.4/3.3, mb1mx3.6/38, mbtm3.6/3, Error ellipse: s-maj=184.8km s-min=56.2km az=150.0, Tonga Islands

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Kasperske Hory, Ste Croix, They Montfort, Signal de Mont, Fort de Pagny, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Knezi Dol, Cerknica, Skadancina, Javornik, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Yerkesik, Tasuluk, Turunc, Dalyn, Bodrum, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Zeytinkoy-Aydi, Cakirokul, Gihisar (BURDU), etc.

IDC 16 06:46:12.1e.1.2.53.93N.164.52W, h0km, mb3.8/9, mb1.3.9/12, mb1mx3.7/4.1, mbtmp3.7/12, ML3.4/3, MS3.5/2, Ms1.3.5/2, ms1mx2.7/4.4, Error ellipse: s-maj=30.5km s-min=19.7km az=173.0

ISCJ 16 06:46:17.8-0.7.53.79N.070.164.06W.0.06, h55km, 7km, mb3.7/8, MS3.5/2, Error ellipse: s-maj=12.3km s-min=4.3km az=157.0

NEIC 16 06:46:17.5.53.77N.164.06W, h26km, ML3.6(AEIC), After AEIC. ISC 16 06:46:19.6-1.3.53.89N.009.164.14W.0.05, h55km, 12km, n50, e1224/49, mb3.7/8, Unimak Island region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like WESE West Dahl East, WESP Westdahl Peak, WESH West Dahl North, etc.

WEL 16 06:55:11.9-0.1.43.51S.172.18E, h7km, ML3.7/17, 6C-ID, Error ellipse: s-maj=0.5km s-min=0.4km az=90.0, South Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like OXF Oxford, CRZL Canterbury Lake, MCQUEEN Queen's Vall, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like OTH Othua Downs, WAN Wanaka, EAR Earnsclough, QUART Quartz Range, etc.

SJA 16 07:05:58.1e.5.31.25S.67.42W, h112km, 5km, ML3.3, MW3.5, San Juan Province

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like AVFE Valle Fertili, ACHE Chepes, CFAA Coronel Fontan, etc.

IDC 16 07:23:10.8-1.3.2.61S.146.12E, h0km, mb4.1/8, mb1.4.3/9, mb1mx4.1/29, mbtmp4.1/9, ML1.8/1, MS3.8/24, Ms1.3.8/24, ms1mx3.7/33, Error ellipse: s-maj=41.5km s-min=18.9km az=100.0

ISCJ 16 07:23:15.3-0.6.2.60S.0.05.145.9E.0.1, h33km, mb4.1/10, MS3.8/22, Error ellipse: s-maj=19.3km s-min=6.4km az=176.0

NEIC 16 07:23:17.4-0.6.2.50S.145.87E, h35km, mb4.4/5, Error ellipse: s-maj=21.1km s-min=9.0km az=88.0

ISC 16 07:23:17.3-0.8.2.52S.0.07.146.0E.0.2, h35km, n39, e157/22, mb4.0/10, MS3.8/22, Admiralty Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like PMG Port Moresby, WRAB Warrungarra Arr, DAV Davas Creek, etc.

WEL 16 06:55:11.9-0.1.43.51S.172.18E, h7km, ML3.7/17, 6C-ID, Error ellipse: s-maj=0.5km s-min=0.4km az=90.0, South Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like OXF Oxford, CRZL Canterbury Lake, MCQUEEN Queen's Vall, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Rata Peaks, Waitaha Valley, Kahutara, Lake Benmore, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Ljubljana, Vojsko, Vrh nad Dolci, M.te Sabotino, etc.

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

ISCJB 16 10:28:56.8±0.5, 45°60'N, 0°03'14.26E±0.03, h13km, 5km, Error ellipse: s-maj=5.0km s-min=2.8km az=15.6

LJU 16 10:28:56.6, 45°60'N, 14°27'E, h17km, ML1.8, CSEM 16 10:28:57.3±0.2, 45°60'N, 14°26'E, h10km, ML2.5/9, Error ellipse: s-maj=3.7km s-min=2.0km az=15.0

ISC 16 10:28:57.1±0.8, 45°60'N, 0°04'14.26E±0.02, h15km, 6km, n54, c049/85, C8-D, Northwestern Balkan Peninsula

NEIC 16 10:33:41.4, 43°48'S, 172°17'E, h11km, ML3.9(WEL), After WEL, NEIC Fell at Darfield

NEIC 16 10:33:41.5±0.1, 43°50'S, 172°13'E, h9km, ML3.9/22, C2-3D, WEL 3-D, Error ellipse: s-maj=0.5km s-min=0.4km az=90.0, South Island

NEIC 16 10:36:02.7, 43°57'S, 172°44'E, h9km, ML4.1(WEL), After WEL, NEIC Fell in the Christchurch area

WEL 16 10:36:02.9±0.1, 43°54'S, 172°45'E, h10km, ML4.1/26, WEL 3-D, Error ellipse: s-maj=0.4km s-min=0.4km az=90.0, South Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Knezi Dol, Skadanscina, CEY, JAVS, TRI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EARN, EAZ, EAW, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like THZ, ODZ, ODD, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NNZ, HNS, TCW, etc.

IS/CJB 16 10:43:51.3:0.9, 15.64S:0.09:168.5E:0.1, h250km, mb3.9/10, Error ellipse: s-maj=15.5km s-min=11.9km az=172.0

IDC 16 10:43:55.0:3.2, 15.85S:168.29E, h263km, 27km, mb3.7/10, mb1 3.8/11, mb1mx3.6/33, mbtmp3.2/11, Error ellipse: s-maj=24.6km s-min=15.5km az=33.0

ISC 16 10:43:53.6:0.8, 15.65S:0.1:168.4E:0.1, h250km, n23, az=088/24, mb4.0/10, Vanuatu Islands

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

IS/CJB 16 10:43:51.3:0.9, 15.64S:0.09:168.5E:0.1, h250km, mb3.9/10, Error ellipse: s-maj=15.5km s-min=11.9km az=172.0

IDC 16 10:43:55.0:3.2, 15.85S:168.29E, h263km, 27km, mb3.7/10, mb1 3.8/11, mb1mx3.6/33, mbtmp3.2/11, Error ellipse: s-maj=24.6km s-min=15.5km az=33.0

ISC 16 10:43:53.6:0.8, 15.65S:0.1:168.4E:0.1, h250km, n23, az=088/24, mb4.0/10, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like THZ, ODZ, ODD, etc.

IS/CJB 16 11:07:36.2:1.4, 28.76N:0.05:128.43E:0.07, h5km, 10km, mb3.4/3, Error ellipse: s-maj=9.9km s-min=7.8km az=11.9

JMA 16 11:07:37.0:0.2, 28.78N:128.41E, h2km, 4km, M3.0, IDC 16 11:07:38.6:1.5, 28.50N:128.51E, h1km, mb3.3/3, mb1 3.5/4, mb1mx2.3/4, mbtmp3.4/4, ML3.1/1, MS2.7/1, MS1.2/7, ms1mx2.3/7, Error ellipse: s-maj=5.47km s-min=23.2km az=86.0

ISC 16 10:43:51.3:0.9, 15.64S:0.09:168.5E:0.1, h250km, mb3.9/10, Error ellipse: s-maj=15.5km s-min=11.9km az=172.0

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

IS/CJB 16 10:56:44.8:0.5, 43.69S:0.04:172.60E:0.05, h21km, 3km, mb3.5/2, Error ellipse: s-maj=8.0km s-min=4.1km az=44.8

NEIC 16 10:56:45.8, 43.62S:172.45E, h5km, ML4.6(WEL), After WEL

NEIC Fell in much of Canterbury. WEL 16 10:56:46.0:0.1, 43.63S:172.48E, h9km, ML4.0/26, Error ellipse: s-maj=0.4km s-min=0.4km az=90.0

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

IDC 16 10:56:46.0:2.3, 43.33S:172.35E, h0km, mb3.6/2, mb1 3.8/2, mb1mx3.5/30, mbtmp3.6/2, Error ellipse: s-maj=53.3km s-min=16.0km az=149.0

ISC 16 10:56:45.5:0.8, 43.64S:0.03:172.54E:0.03, h16km, 5km, n73, az=086/79, 1C-3D, South Island

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

IS/CJB 16 10:58:12.5:0.4, 43.67S:0.03:172.56E:0.04, h16km, mb3.8/3, Error ellipse: s-maj=5.4km s-min=3.5km az=136.0

IDC 16 10:58:12.3:1.5, 43.28S:172.43E, h0km, mb3.9/3, mb1 4.0/3, mb1mx3.6/29, mbtmp3.9/3, MS3.4/2, Ms1 3.4/2, ms1mx2.9/18, Error ellipse: s-maj=31.0km s-min=15.5km az=159.0

WEL 16 10:58:14.1:0.1, 43.62S:172.48E, h8km, ML4.3/34, Error ellipse: s-maj=0.4km s-min=0.4km az=90.0

ISC 16 10:58:12.7:0.8, 43.58S:0.04:172.47E:0.03, h16km, n49, az=115/41, mb3.7, 1C-3D, South Island

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

IS/CJB 16 11:07:37.8:1.6, 28.64N:0.05:128.57E:0.07, h1km, 11km, n14, az=065/18, mb3.2/3, Ryukyu Islands

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

Table with columns: TUZ, Tuapeka, 3.09 220, PN, Pn, 11 09 49.2, -0.2, 11 10 48.6, 11 10 49.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like H10N3 ASCENSION HYDR21.62 125 T, H10N2 ASCENSION HYDR21.62 125 T, etc.

ISCJB 16 11:33:08.2, 2.4, 28.78N, 0.05:128.41E, 0.07, h17km, 18km, mb3.5/3, Error ellipse: s-maj=11.3km s-min=7.0km az=40.5

JMA 16 11:33:08.0, 3.0, 28.76N, 128.40E, h11km, 4.0M, M3.0, IDC 16 11:33:12.1, 1.5, 28.42N, 128.74E, h0km, mb3.5/3, mb1 3.7/4, mb1mx3.4/38, mbtmp3.5/4, ML3.1/1, MS2.6/1, Ms1 2.6/1, ms1mx2.1/31, Error ellipse: s-maj=52.2km s-min=23.0km az=87.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like JTJAJ Takarajima 0.79 56 P, JAMN Amaminishikomi 0.79 126 P, etc.

NIED 16 11:36:00, 28.20N, 142.60E, h17km, Mw3.6 Best double couple: M=39000.0, 1014, NP1=242.00000, 340.00000, 1-111.00000, NP2=89.00000, 353.00000, 1-73.00000

IDC 16 11:36:12.5, 1.3, 28.14N, 142.86E, h0km, mb3.8/4, mb1 4.0/6, mb1mx3.7/33, mbtmp3.6/6, ML3.7/2, MS3.6/3, Ms1 3.6/3, ms1mx2.8/37, Error ellipse: s-maj=38.4km s-min=18.1km az=95.0

ISCJB 16 11:36:14.0, 1.0, 28.20N, 0.03:142.8E, 0.2, h22km, mb3.9/4, MS4.0/2, Error ellipse: s-maj=21.4km s-min=4.2km az=5.3

JMA 16 11:36:16.2, 28.18N, 142.61E, h53km, M3.7, IDC 16 11:36:15.7, 1.2, 28.13N, 0.05:142.8E, 0.2, h22km, n17, -0.70N, mb3.8/4, Bonin Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like CBJH Chichi jima 1.16 208 P, JHU Haha-jima-NKT 1.59 201 eS, etc.

IDC 16 11:37:36.6, 1.4, 18.10S, 178.26W, h551km, 17km, mb3.4/13, mb1 3.6/15, mb1mx3.6/35, mbtmp3.3/15, Error ellipse: s-maj=18.1km s-min=11.7km az=136.0

ISCJB 16 11:37:37.4, 0.6, 18.1S, 0.1:178.09W, 0.10, h590km, mb3.7/12, Error ellipse: s-maj=17.0km s-min=9.6km az=147.5

ISC 16 11:37:38.8, 0.7, 18.1S, 0.1:178.1W, 0.1, h590km, n21, -0.193/23, mb3.8/12, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like AFI Afiamalu 7.34 56 P, AFI 1.3nm, 0.3s, baz=272, slow=1.6, SNR=17, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like WRA Warramunga Arr 44.91 260 P, ASAR Alice Springs 45.05 254 P, GUMO Guam 48.24 308 P, etc.

DJA 16 11:47:23.9, 3.0, 10.1N, 26.12E, h126km, 27km, M5.2/9, mb4.8/9, mb5.6/4, MLV5.5/2, Mw(MB)5.0/4, Mw6.7/1

IDC 16 11:47:41.4, 1.0, 8.15N, 122.56E, h0km, mb3.8/6, mb1 3.9/7, mb1mx3.7/35, mbtmp3.9/7, ML4.7/1, MS3.1/8, Ms1 3.1/8, ms1mx2.9/40, Error ellipse: s-maj=38.8km s-min=19.2km az=5.9

MAN 16 11:47:43.7, 9.94N, 122.44E, h27km, mb4.6, ML3.5, MS3.4, MAN INTENSITY IV - IPII ZAMBOANGA SIBUGAY, INTENSITY III - LABASON ZAMBOANGA DEL NORTE

NEIC 16 11:47:47.1, 0.9, 8.24N, 122.62E, h45km, 11km, Error ellipse: s-maj=10.8km s-min=8.6km az=62.0

NEIC Fel [IV PIV] at IpiI and [III PIV] at Labason. ISC 16 11:47:43.7, 1.7, 8.16N, 0.04:122.61E, 0.05, h12km, 12km, n38, -0.179/32, mb3.7/6, MS3.0/7, 2C-4D, Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like IPIL IpiI 0.37 186 eS, PAGZ Pagadian 0.83 112 eS, etc.

ISCJB 16 11:53:42.0, 6.76:73N, 0.07:18.2E, 0.2, h16km, Error ellipse: s-maj=11.3km s-min=5.1km az=32.6

CSEM 16 11:53:42.0, 1.7, 7.69N, 18.34E, h10km, ML4.0, Error ellipse: s-maj=4.0km s-min=2.5km az=50.0

NAO 16 11:53:43.0, 1.7, 7.69N, 18.20E, h14km, 10km, ML4.0, BER 16 11:53:45.2, 2.7, 7.69N, 18.24E, h19km, 15km, MD2.3, ML3.2, ML4.0(NAO)

ISC 16 11:53:43.0, 0.7, 6.78N, 0.04:18.25E, 0.05, h16km, n24, -0.052/36, Svalbard region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like HSP Hornsund 0.63 283 Op, HSP 1.1nm, 0.5s, baz=198, slow=13, SNR=5.2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like SPAO Spitsbergen Ar 1.37 344 Pn, SPAO 1.1nm, 0.5s, baz=92, slow=17, SNR=7.7, etc.

IDC 16 11:58:54.5, 2.1, 4.92N, 127.25E, h0km, mb3.6/4, mb1 3.8/4, mb1mx3.4/37, mbtmp3.6/4, MS3.4/1, Ms1 3.4/1, ms1mx2.4/11, Error ellipse: s-maj=106.7km s-min=27.6km az=70.0, Talaud Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like FITZ Fitzroy Crossi 22.93 184 P, WRA Warramunga Arr 25.67 164 P, etc.

ISCJB 16 12:05:51.9, 0.3, 43.59S, 0.03:172.09E, 0.05, h16km, mb4.0/3, MS3.4/3, Error ellipse: s-maj=6.7km s-min=3.1km az=40.6

IDC 16 12:08:51.4, 0.9, 43.39S, 172.03E, h0km, mb4.0/3, mb1 4.2/4, mb1mx3.8/20, mbtmp4.0/4, ML3.7/1, MS3.4/3, Ms1 3.5/3, ms1mx3.0/18, Error ellipse: s-maj=27.8km s-min=10.3km az=150.0

WEL 16 12:08:53.0, 5.0, 41.43S, 171.93E, h8km, ML4.5/36, Error ellipse: s-maj=0.6km s-min=0.4km az=90.0

WEL Fel from Canterbury to Otago, maximum reported intensity MM 5.

NEIC 16 12:08:53.3, 43.56S:171.94E, h3km, ML4.4(WEL), After WEL.

NEIC Fel in much of Canterbury. ISC 16 12:08:53.0, 6.43:55S, 0.04:172.00E, 0.03, h16km, n103, -0.1912/107, mb4.0/3, MS3.4/3, 3C-2D, South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, h, m, s, ISC, Time, Res. Includes stations like OXZ Oxford 0.22 8 P, OXZ 1.1nm, 0.5s, baz=91, slow=8.2, SNR=7.3, etc.

2010 SEP

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BSWZ Blackbirch Sta, JCCZ Jackson Bay, WZKZ Wanaka, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ISC 16 12:09:46.2,2.2,67.57N,0.04,33.7E,0.1,h0km,m21, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KURBB 2.2nm,0.5s, Kurchatov Arra, etc.

HEL 12:09:44.4-0.6,67.59N,34.18E,h0km,ML2.0,Explosion
NAO 12:09:45.2,1.7,67.59N,34.06E,ML2.6
CSEM 12:09:48.1,2,67.47N,33.20E,h1km,ML2.6,Error ellipse: s-maj=22.1km s-min=11.4km az=91.0, Mining explosion.

NNC 12:45:31.0,2.8,53.89N,86.64E,h0km,mb3.5,mpv3.2, Error ellipse: s-maj=23.3km s-min=17.9km az=177.0
IDC 12:45:24.2,2.6,54.14N,87.21E,h0km,mb1 3.2/2, mb1mx3.1/3.1,mbtmp3.2/2,ML3.0/2,6C-3D,Error ellipse: s-maj=22.2km s-min=16.0km az=63.0, Southwestern Siberia

ISCJB 16 13:08:30.8,0.2,6.75N,0.04,123.69E,0.04,h600km, mb4.5/30, Error ellipse: s-maj=6.2km s-min=3.8km az=145.9
AUST 16 13:08:31.8,0.4,6.56N,123.62E,h593km, Error ellipse: s-maj=1.3km s-min=0.9km az=33.0
IDC 16 13:08:32.1,0.8,6.96N,123.78E,h610km,10km,mb3.5/17, mb3.7/17,mb1mx3.4/3.3,mbtmp4.4/3.7, Error ellipse: s-maj=14.1km s-min=7.3km az=73.0
KLM 16 13:08:32.1,6.69N,123.61E,h635km,mb4.8,ML4.1,MS5.8
BUJ 16 13:08:32.6,6.70N,123.70E,h602km,mb4.3/7,mb4.5/5
DJA 16 13:08:33.1,0.5,7.7N,7.12'E, h601km,7km,ML4.1/26, mb4.5/26,mb4.6/17,MLv4.7/8,Mw(Mb)3.8/17
MAN 16 13:08:42.6,9.96N,124.27E,h492km,mb4.6,ML3.5,MS3.4
ISC 16 13:08:31.7,0.4,6.71N,120.76E,123.68E,0.04,h80km,mb103, e099/113,mb4.4/30,1C-7D,Mindanao

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like MRSI Marisa, SDKM Sandakan, TNTI Ternate, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like CMSA Cobar Meteorol, SONM Songino Array, Zalesovo Beam, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, h, m, s, ISC. Includes stations like AKH Akhalkalaki, SEKA Sheki, ZKTA Zakatala, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like CDCH, CPOCH, ANCH, IPOC Station P, etc.

KRSC 16 13:38:01.7, 1.6, 51.44N; 159.87E, h70km, 21km, ML4.2

MOS 16 13:38:07.5, 1.1, 51.77N; 159.58E, h71km, mb4.3/6, Error ellipse: s-maj=17.3km s-min=16.1km az=97.1

IDC 16 13:38:09.6, 4.5, 51.65N; 159.28E, h63km, 30km, mb3.6/11, m1.3/7.1, mb1mx3.5/4.4, mbtmp3.9/11, MSJ 6/3, M51.3/6.3, ms1mx2.8/2.9, Error ellipse: s-maj=53.3km s-min=19.8km az=99.0

ISC 16 13:38:01.8, 3.6, 51.146N; 0.005, 159.35E, 0.05, h14km, 22km, n71, c157/73, mb4.0/14, MS3.3/3, Off east coast of Kamchatka Peninsula

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

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

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

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

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

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

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

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

ASAR Alice Springs 78.20 204 P P 13 50 02.3 +1.7

comp=Z, 2.0nm, 0.8s, baz=17, slow=6.8, SNR=3.1

JMA 16 13:55:06.3, 0.3, 37.17N; 142.09E, h15km, 4km, M2.0, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes station JMM.

IDC 16 14:00:33.2, 1.1, 0.84N; 126.50E, h0km, mb3.7/5, m1.3/9.6, mb1mx3.6/3.5, mbtmp3.7/6, ML3.2/1, MS3.7/1, M51.3/7.1, ms1mx2.6/2.7, Error ellipse: s-maj=79.7km s-min=18.4km az=75.0

ISCJB 16 14:00:38.3, 0.5, 0.74N; 0.05, 126.39E, 0.04, h47km, mb3.7/5, MS3.6/1, Error ellipse: s-maj=7.1km s-min=5.6km az=21.9

DJA 16 14:00:38.2, 1.1, 1.1N; 4.12E, h16km, 16km, M4.1/7, mb4.2/1, MLV4.1/7

ISC 16 14:00:39.5, 0.8, 0.73N; 0.06, 126.42E, 0.05, h47km, n17, c150/118, mb3.7/5, Northern Molucca Sea

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

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

SKRS Korea Array 36.57 2 P P 14 07 39.8 -1.2

comp=Z, 0.4s, baz=188, slow=8.3, SNR=2.7

SOMR Songoing Array 50.04 342 P P 14 09 30.2 +0.6

comp=Z, 0.4s, baz=182, slow=7.2, SNR=2.5

SKAN Makanchi Array 59.85 326 P P 14 10 39.5 -0.8

comp=Z, 0.7nm, 0.6s, baz=123, slow=8.5, SNR=7.0

IDC 16 14:04:32.9, 4.2, 3.55N; 128.64E, h0km, mb3.2/3, mb1.3/4.3, mb1mx3.1/3.3, mbtmp3.2/3, Error ellipse: s-maj=28.5km s-min=28.5km az=68.0, North of Halmahera

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

ISK 16 14:10:52.7, 4.1, 05N; 39.72E, h24km, MD2.7

ISCJB 16 14:10:53.2, 0.9, 41.12N; 0.06, 39.76E, 0.05, h18km, 5km, Error ellipse: s-maj=9.5km s-min=6.2km az=169.6

CSEB 16 14:10:53.3, 0.4, 41.09N; 39.74E, h17km, 2km, MD2.7, Error ellipse: s-maj=8.4km s-min=6.1km az=158.0

DDA 16 14:10:54.8, 41.06N; 39.59E, h7km, MD2.9

ISC 16 14:10:52.1, 1.4, 41.13N; 0.05, 39.69E, 0.03, h17km, 10km, n20, c0567/35, Turkey

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

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

JMA 16 14:26:55.2, 36.58N; 138.28E, h5km, 1km, M0.2, 1C, Eastern Honshu

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

ISCJB 16 14:41:36.9, 0.6, 37.20N; 0.04, 28.20E, 0.05, h13km, 5km, Error ellipse: s-maj=8.6km s-min=4.5km az=135.7

DDA 16 14:41:36.7, 37.22N; 28.19E, h7km, MD2.5

ISK 16 14:41:36.8, 37.21N; 28.20E, h9km, MD2.6

CSEB 16 14:41:37.2, 0.2, 37.19N; 28.29E, h10km, MD2.6, Error ellipse: s-maj=5.4km s-min=2.9km az=42.0

ISC 16 14:41:36.9, 0.9, 37.20N; 0.03, 28.18E, 0.04, h11km, 7km, n14, c0936/26, Turkey

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

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

IDC 16 14:48:03.4, 0.9, 55.93S; 26.95W, h0km, mb4.1/4, mb1.4/2.4, mb1mx3.9/1.8, mbtmp4.0/1.0, Error ellipse: s-maj=43.0km s-min=28.2km az=81.0, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like VNDA, H10S2, etc.

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

ASAR Alice Springs 99.06 162 P P 15 01 45.4 -0.8

comp=Z, 0.8nm, 0.7s, baz=206, slow=6.3, SNR=3.3

ILAR Eielson Array 150.13 312 PKPbc PKPbc 15 07 53.0 -1.5

comp=Z, 0.9nm, 0.6s, baz=229, slow=2.8, SNR=5.4

DDA 16 15:13:10.8, 38.26N; 27.43E, h12km, MD2.5

ISK 16 15:13:11.8, 38.24N; 27.55E, h6km, MD2.5

CSEB 16 15:13:11.3, 0.2, 38.26N; 27.45E, h2km, MD2.5, Error ellipse: s-maj=3.5km s-min=3.0km az=82.0

ISC 16 15:13:11.2, 1.1, 38.26N; 0.03, 27.45E, 0.03, h4km, 14km, n17, c0940/30, Turkey

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

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

ISC 16 15:27:23.1, 0.5, 9.94N; 84.80W, h0km, mb4.7/20, mb1.4/7.25, mb1mx4.7/32, mbtmp4.7/25, ML2.3/2, MS4.2/22, MS1.4/2.22, ms1mx4.1/2.7, Error ellipse: s-maj=21.8km s-min=10.6km az=52.0

CASC 16 15:27:24.2, 1.9, 9.63N; 85.00W, h5km, 6km, MD4.5, mb5.1(NEIC)

ISCJB 16 15:27:25.0, 0.2, 9.84N; 0.03, 84.87W, 0.02, h33km, mb5.0/195, MS4.3/23, Error ellipse: s-maj=4.6km s-min=2.5km az=33.0

BUI 16 15:27:26.3, 9.48N; 84.50W, h37km, mb5.4/13, Ms5.4/13, Ms7.5/0/13

MOS 16 15:27:26.4, 1.4, 9.96N; 84.80W, h33km, mb5.3/43, Error ellipse: s-maj=11.6km s-min=5.0km az=115.5

NEIC 16 15:27:26.0, 0.7, 9.84N; 84.92W, h26km, 4km, mb5.1/167, MD5.3(HDC), MW5.1(UCR), Error ellipse: s-maj=5.4km s-min=3.5km az=212.0

NEIC Felt [V] at Cabuya, Muntzuma and Paquera; [IV] at Alajuela; [III] at Escazu, Jaco, Puntarenas, San Jose and San Pedro; [II] at Heredia and Santo Domingo. Felt in much of western Costa Rica.

GCMT 16 15:27:28.3, 0.3, 9.66N; 85.11W, h12km, MW5.0/90, Moment Tensor Solution. s44,c55; s90,c136; Duration: 0 Moment tensor: Scale 1016Nm; Mr-3.50; 1.4; Mw0.10; 0.8; Mb0.34; 0.11; Mw0.98; 2.4; Mw0.49; 0.7; Mw1.74; 2.7. Best double couple: M0.00700; 1016 Nm; 1.78; 188.00000; 659.00000; -73.00000; NP2; 0.33; 0.00000; 0.35; 0.00000; -1.16; 0.00000. Principal axes: T 3.9310; P1g13.0000; Azm266.0000; N 0.3490. Azm13.0000; Azm359.0000; P -4.1820; P1g70.0000; Azm136.0000; nsta1 refers to body waves, cutoff=4.0s. nsta2 refers to surface waves, cutoff=5.0s.

ISC 16 15:27:26.8, 0.6, 9.78N; 0.04, 84.92W, 0.03, h29km, 3km, n74, c1941/837, mb5.0/195, MS4.3/23, 33C-2D, Costa Rica

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like JTS, CGA2, etc.

CEDE Laguna Cede=0 0.73 17.1/P Pn 15 27 41.7 +0.4

BANL Banca Laguna 0.74 7.1/P Pn 15 27 41.5 +0.1

BANL Banca Laguna 0.73 17.1/P Pn 15 27 41.5 +0.4

A492 Arado 0.79 303/P Pn 15 27 39.2 -2.8

AMAS Alto Masis 0.83 355/P Pn 15 27 42.3 -0.5

AMAS		iS	Sn	15 27 56.9 +3.0
CUI	Cuipilapa	0.90 345 fP	Pb	15 27 43.1 -0.8
L2R2	La Lucha 2	0.91 92 fP	Pb	15 27 42.6 -1.2
L2R2		eP	Pn	15 27 42.6 -1.2
L2R2		eS	Pn	15 27 58.1 +2.8
COLC	Colonia	0.92 343 fP	Pb	15 27 43.9 +0.8
PTEN	Parque Tenorio	0.93 356 fP	Pb	15 27 44.2 +0.2
HORNK	Hornillas	0.96 345 fP	Pb	15 27 44.3 -0.7
LIM1	Limalon	0.97 341 fP	Pb	15 27 44.0 -1.0
LIM1		iS	Sn	15 27 59.8 +2.5
MESAS	Mesas	0.99 344 fP	Pn	15 27 44.7 -0.2
NY14	Universidad de	1.05 325 fP	Pn	15 27 45.3 +0.8
GPS2	Hotel Rinc'n	1.05 336 fP	Pn	15 27 45.6 -0.2
GPS3	Bodega del ICE	1.06 336 fP	Pn	15 27 45.7 -0.2
GPS1	Guardaparques	1.07 337 fP	Pn	15 27 45.9 -0.1
LAPC	Finca la Perla	1.10 333 fP	Pn	15 27 46.0 -0.3
BUEV	Buena Vista	1.12 332 fP	Pn	15 27 46.2 -0.4
GBS3	Finca Las Im	1.12 332 fP	Pn	15 27 46.3 -0.3
GB1A	Borinquen Arri	1.13 336 fP	Pn	15 27 46.9 +0.1
GBS2	Las Lilas	1.17 334 fP	Pn	15 27 47.0 -0.3
CTCR	Cotoan	2.31 112 fP	Pn	15 28 02.6 +0.5
TBS2		2.44 113 eP	Pn	15 28 06.3 +1.4
TGUH	Teguicigalpa,Un	4.83 332 eP	Pn	15 28 38.7 +1.1
BCIP	Isl Barro Col	5.05 97 ePn	Pn	15 28 41.2 +0.5
LFRS	El Faro	5.57 314 eP	Pn	15 28 49.5 +1.6
LFU	La Fuente	5.69 314 eP	Pn	15 28 52.1 +2.6
BOQS	Boqueron	5.80 313 eP	Pn	15 28 53.2 +2.1
SBL5	San Blas	6.12 312 eP	Pn	15 28 58.0 +2.5
SBL5		6.12 312 eS	Sn	15 30 06.1 +1.8
SNJE	San Jose	6.12 312 eP	Pn	15 28 57.7 +2.1
RTR	El Retiro	6.17 312 eP	Pn	15 28 59.0 +2.8
IXG	Ixcapo	6.95 309 eP	Pn	15 29 09.5 +2.5
TEIG	Tepich	10.88 343 Pn	Pn	15 29 58.5 -2.1
TEIG		0.9nm,0.3s,baz=270,slow=9.3,SNR=2.0		
TEIG	Tepich	10.88 343 Pn	Pn	15 30 02.4 +1.8
TEIG		1.2nm,0.6s		
MTDJ	Mount Denham	11.04 40 ePn	Pn	15 30 04.1 +1.2
OTAV	Otavallo	11.46 145 ePn	Pn	15 30 08.8 -0.3
ROSC	El Rosal	15.30 107 eP	Pn	15 30 17.0 -0.1
ROSC		0.3nm,0.3s,baz=265,slow=16,SNR=2.6		
ROSC		LR	LR	15 34 51.3
PAYG	Puerto Ayora	11.68 207 ePn	Pn	15 30 11.8 +0.2
CMIG	Mattias Romero	12.11 308 Pn	Pn	15 30 18.2 +0.7
CMIG		1.1nm,0.3s,baz=116,slow=10,SNR=24		
CMIG		Sn	Sn	15 32 33.4 +1.9
CMIG		0.2nm,0.3s,baz=35,slow=8.2,SNR=1.9		
CMIG		LR	LR	15 34 48.6
GTBY	Quantanamo Bay	13.84 42 ePn	Pn	15 30 40.3 -0.8
GTBY		comp=Z,1um,21.8s,baz=126,slow=37		
LGNH	L'Onne	14.76 53 ePn	Pn	15 30 54.4 +0.8
SDDR	Presa de Saban	16.06 54 Pn	Pn	15 31 10.6 -0.1
SDDR		257nm,2.0s		
GRTK	Grand Turk	17.66 47 Pn	Pn	15 31 30.6 -0.1
ATAH	Atahualpa	18.02 159 P	Pn	15 31 36.8 +0.8
ATAH		0.6nm,0.3s,baz=343,slow=11.8,SNR=18		
LRS	Lares	19.46 82 eP	Pn	15 31 52.8 +0.1
OBIP	Obispaudo Ponce	19.57 63 eP	Pn	15 31 53.6 +1.0
CELP	Cerrillos	19.61 63 eP	Pn	15 31 51.4 -1.6
PCRV	Cerro La Cruz	19.99 87 P	Pn	15 31 57.5 +0.3
PCRV		1.0nm,0.3s,baz=232,slow=3.4,SNR=3.4		
SJG	San Juan	20.00 64 P	Pn	15 31 55.4 -1.9
SJG		baz=291,slow=14,SNR=2.4		
SJG	San Juan	20.00 64 eP	Pn	15 31 58.3 +1.0
SJG		comp=Z,40nm,0.8s	Pmax	
SJG	San Juan	20.00 64 eP	Pn	15 31 58.3 +1.0
SJG		comp=Z,40nm,0.8s		
CPD	Cerro la Pandu	20.18 64 eP	Pn	15 32 00.2 +0.9
CPD		comp=Z,263nm,1.4s	Pmax	
CPD	Cerro la Pandu	20.18 64 eP	Pn	15 32 00.2 +0.9
CPD		comp=Z,262nm,1.4s		
HUMP	Col San Antonio	20.28 64 eP	Pn	15 32 00.7 +0.5
HUMP		comp=Z,107nm,1.5s		
035A	Encino	21.12 326 P	Pn	15 32 12.7 +3.4
738A	Farr-Stevens R	21.47 334 P	Pn	15 32 15.7 +2.7
034A	Hebbronville	21.55 325 P	Pn	15 32 16.8 +2.8
034A		baz=22		
TIGA	Tifton	21.59 3 eP	Pn	15 32 14.3 +0.1
TIGA		comp=Z,132nm,1.1s		
737A	Port Lavaca	21.76 332 P	Pn	15 32 17.3 +1.1
934A	Benavides	21.87 326 P	Pn	15 32 18.4 +1.0
934A		baz=22		
835A	Beeville	22.05 328 P	Pn	15 32 20.0 +0.7
835A		baz=22		
736A	Circle Diamond	22.22 331 P	Pn	15 32 21.8 +0.7
736A		baz=22		
637A	Eagle Lake	22.28 333 P	Pn	15 32 23.6 +1.7
834A	Tilden	22.30 327 P	Pn	15 32 23.4 +1.3
834A		baz=22		
933A	Laredo	22.31 325 P	Pn	15 32 23.3 +1.2
933A		baz=22		
735A	Kenedy	22.50 329 P	Pn	15 32 24.3 +0.1
735A		baz=22		
HKT	Hockley	22.51 335 eP	Pn	15 32 23.7 -0.4
HKT		comp=Z,430nm,2.2s	Pmax	
HKT	Hockley	22.51 335 eP	Pn	15 32 23.7 -0.4
HKT		comp=Z,430nm,2.2s		
538A	Harpers Horsep	22.60 336 P	Pn	15 32 25.7 +0.5
636A	Smothers Creek	22.65 332 P	Pn	15 32 25.9 +0.1
636A		baz=23		
537A	Green Hill Far	22.83 334 P	Pn	15 32 27.8 +0.2
439A	Center Grove,	22.83 338 P	Pn	15 32 28.1 +0.5
439A		baz=23		
635A	Leesville	22.92 330 P	Pn	15 32 27.3 -1.3
833A	Chaparral WMA,	22.92 326 P	Pn	15 32 27.4 -1.2
833A		baz=23		
VBMS	Vicksburg	22.92 348 P	Pn	15 32 29.6 +1.1
VBMS		baz=23		
GRGR	Grenville	22.96 82 eP	Pn	15 32 31.4 +2.2
GRGR		comp=Z,1um,2.3s		
438A	Sam Houston St	23.06 336 P	Pn	15 32 30.1 +0.1
438A		baz=23		
NNA	Nana	23.07 159 P	Pn	15 32 31.0 +0.8
NNA		comp=Z,7.1nm,0.6s,baz=305,slow=9.9,SNR=5.7		
NNA	Nana	23.07 159 eP	Pn	15 32 31.0 +0.8
NNA		comp=Z,5.7nm,0.3s,baz=27,slow=9.7,SNR=3.0		
NNA	Nana	23.07 159 eP	Pn	15 32 31.0 +0.8
NNA		comp=Z,159nm,1.8s		
536A	Bastrop	23.16 332 P	Pn	15 32 30.2 -0.8
733A	Divot King Ran	23.17 326 P	Pn	15 32 29.9 -1.2
832A	Faith Ranch, C	23.22 324 P	Pn	15 32 30.9 -0.7
832A		baz=23		
535A	Dale	23.35 331 P	Pn	15 32 32.9 0.0
535A		baz=23		
CSU	Charleston Sou	23.52 10 eP	Pn	15 32 32.0 -2.5
338A	Crockett	23.54 337 P	Pn	15 32 34.4 -0.3
732A	Laxson Ranch,	23.55 325 P	Pn	15 32 33.7 -1.2
732A		baz=24		
NHSC	New Hope	23.62 10 eP	Pn	15 32 37.1 +1.6
NATX	Nacogdoches	23.66 339 P	Pn	15 32 35.6 -0.3
NATX		baz=24		
NATX	Nacogdoches	23.66 339 eP	Pn	15 32 35.3 -0.6
633A	Saathoff Ranch	23.69 328 P	Pn	15 32 34.8 -1.5
633A		baz=24		
337A	Centerville	23.73 336 P	Pn	15 32 36.7 +0.2
534A	Blanco	23.79 330 P	Pn	15 32 35.8 -1.4
239A	Gary	23.81 340 P	Pn	15 32 37.4 -0.1
435B	Jarrell	23.99 332 P	Pn	15 32 38.4 -0.6
435B		baz=24		
632A	Jacksonville	24.05 338 P	Pn	15 32 39.5 0.0
238A	Uvalde	24.05 327 P	Pn	15 32 38.7 -1.0
238A		baz=24		
533A	Kerrville	24.11 329 P	Pn	15 32 39.0 -1.2
533A		baz=24		

336A	Riesel	24.18 334 P	P	15 32 40.1 -0.7
336A		baz=24		
434A	Burnet	24.34 331 P	P	15 32 41.1 -1.2
335A	Moody	24.35 333 P	P	15 32 41.4 -0.9
335A		baz=24		
631A	Perdido Creek	24.42 325 P	P	15 32 41.8 -1.2
631A		baz=24		
236A	Katherine and	24.59 336 P	P	15 32 43.6 -0.9
532A	Rocksprings	24.61 327 P	P	15 32 43.7 -1.0
JSC	Jenkinsville	24.62 7 eP	Pmax	15 32 45.7 +1.0
JSC		JSC		
JSC	comp=Z,32nm,0.9s	24.62 7 eP	P	15 32 45.7 +1.0
JSC	Jenkinsville	24.62 7 eP	P	15 32 45.7 +1.0
JSC		comp=Z,32nm,0.9s		
138A	Matatalint	24.63 339 P	P	15 32 44.7 -0.1
433A	Art	24.69 330 P	P	15 32 44.2 -1.3
433A		baz=25		
334A	Lometa	24.76 332 P	P	15 32 44.6 -1.4
137A	Heron Place, G	24.82 338 P	P	15 32 44.1 -0.5
JCT	Junction City	24.83 328 eP	P	15 32 46.0 -0.8
JCT		comp=Z,97nm,0.8s	Pmax	
JCT	Junction City	24.83 328 P	P	15 32 46.0 -0.8
JCT		comp=Z,39nm,0.9s		
JCT	Junction City	24.83 328 eP	P	15 32 46.0 -0.8
JCT		comp=Z,39nm,0.9s		
OXF	Oxford	24.96 351 eP	Pmax	15 32 46.3 -1.5
OXF		comp=Z,97nm,0.8s		
OXF	Oxford	24.96 351 eP	P	15 32 46.3 -1.5
OXF		comp=Z,97nm,0.8s		
WHTX	Lake Whitney	24.97 334 P	P	15 32 46.9 -1.0
WHTX		baz=25		
WHTX	Lake Whitney	24.97 334 eP	P	15 32 46.8 -1.1
WHTX		comp=Z,118nm,0.8s		
531A	Rocksprings	24.98 326 P	P	15 32 47.5 -0.6
531A		baz=25		
136A	Ennis	25.00 336 P	P	15 32 47.8 -0.4
333A	Richard Sprin	25.10 331 P	P	15 32 48.2 -1.0
238A	Mt. Pleasant	25.13 340 P	P	15 32 48.2 -1.2
432A	Menard	25.14 329 P	P	15 32 48.7 -0.9
234A	Clairette	25.28 333 P	P	15 32 49.6 -1.2
234A		baz=25		
237A	Pogue Cattle C	25.30 339 P	P	15 32 50.6 -0.4
237A		baz=25		
SWET	Swansee	25.34 358 eP	P	15 32 51.0 -0.2
530A	J-C Ranch, Com	25.40 325 P	P	15 32 51.7 -0.3
530A		comp=Z,11nm,0.9s		
431A	Sonora	25.41 327 P	P	15 32 51.4 -0.7
135A	Vickery Place,	25.43 335 P	P	15 32 51.1 -1.1
135A		baz=26		
KMSC	Kings Mountain	25.46 7 P	P	15 32 53.5 +1.2
KMSC		baz=26		
KMSC	Kings Mountain	25.46 7 eP	P	15 32 53.3 +1.0
KMSC		comp=Z,29nm,0.9s		
Y39A	Lockesburg	25.48 342 P	P	15 32 52.4 -0.1
332A	Millersview	25.52 329 P	P	15 32 52.3 -0.8
332A		baz=26		
CPCT	Cooper Cave	25.55 1 eP	P	15 32 54.1 +0.9
CPCT		comp=Z,104nm,1.7s	PcP	
233A	Rising Star	25.64 332 P	P	15 32 52.9 -1.1
233A		baz=26		
Y38A	Idabel	25.67 341 P	P	15 32 54.2 0.0
Y38A		baz=26		
236A	Blue Ridge	25.67 337 P	P	15 32 53.5 -0.7
134A	White-Moore Ra	25.73 334 P	P	15 32 53.7 -1.2
TKL	Tuckaleeches	25.78 2 P	P	15 32 55.6 +0.3
TKL		comp=Z,20nm,1.0s,baz=174,slow=12,SNR=14	PcP	
TKL		comp=Z,6.5nm,0.7s,baz=168,slow=7.0,SNR=3.7		
TKL		comp=Z,0.7nm,0.4s,baz=198,slow=16,SNR=2.0		
UALR	University of	25.79 346 eP	P	15 32 55.3 0.0
UALR		comp=Z,38nm,0.8s		
331A	San Angelo	25.81 328 P	Pn	15 32 55.1 -0.5
430A	Baggett Ranch,	25.84 326 P	P	15 32 55.4 -0.5
430A		baz=26		
232A	Coleman	25.89 330 P	P	15 32 55.3 -1.0
529A	Stev Forest Ra	25.89 324 P	P	15 32 55.8 -0.6
MIAR	Mount Ida	25.89 343 eP	Pmax	15 32 55.1 -1.2
MIAR		comp=Z,84nm,0.8s		
MIAR	Mount Ida	25.89 343 eP	P	15 32 55.6 -0.7
MIAR		baz=26		
MIAR	Mount Ida	25.89 343 eP	P	15 32 55.1 -1.2
MIAR		comp=Z,84nm,0.8s		
Y37A	Hugo	26.01 339 P	P	15 32 56.6 -0.7
Y37A		baz=26		
235A	Perchaven, San	26.04 336 P	P	15 32 56.8 -0.9
235A		baz=26		
429A	Davenport Ranch	26.08 325 P	P	15 32 57.7 -0.4
133A	Hamilton Ranch	26.1		

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like H11N1 WAKE ISLAND Hy 41.84, H11N2 WAKE ISLAND Hy 41.84, H11N3 WAKE ISLAND Hy 41.86, etc.

ISCJB 16 17:57:17.5:1.2,84.7N:0.2:10.2E:1, h10km, mb3.6/6, Error ellipse: s-maj=25.7km s-min=23.4km az=13.3

ISC 16 17:57:17.8:1.3,84.71N:102.60E,h0km,mb3.7/7, mb1 3.9/7, mb1mx3.4/40, mbtmp3.7/7, Error ellipse: s-maj=31.6km s-min=25.4km az=113.0

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like ARCES ARCESS Array B, FINES FINES Array B, BVAR Borovoye Array, etc.

GUC 16 18:02:42.0:0.6,34.72S:71.83W,h8km,3km,ML3.9,Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like NICH Los Niches, TALC Talca, LNV Longovio, etc.

ISCJB 16 18:25:25.6:0.5,27.77N:0.05:139.52E:0.08, h478km, mb3.6/10, Error ellipse: s-maj=10.0km s-min=5.9km

ISC 16 18:25:26.9:0.1,0.27:87N:139.91E,h502km,11km, mb2.7/10, mb1 3.3/15, mb1mx3.1/34, mbtmp4.1/5, Error ellipse: s-maj=28.7km s-min=11.1km az=75.0

JMA 16 18:25:27.4:0.2,28.04N:140.35E,h500km,M4.2

ISC 16 18:25:25.9:0.7,27.81N:0.07:139.6E:0.1,h478km,n26, e150/32,mb3.6/10,Bonin Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like CBUJ Chichi jima, JCJ Chichijima, JCHJ Haha-jima-NKT, etc.

ISC 16 18:43:38.1:7.4,345N:124.49E,h306km,72km,mb3.2/4, mb1 3.4/4, mb1mx2.8/42, mbtmp3.8/4, Error ellipse: s-maj=101.4km s-min=19.5km az=64.0, Celebes Sea

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like MEX 16 19:44:58.7:0.5,17.50N:100.75W,h9km,4km,MD3.8, Guerrero

MAN 16 19:54:18.16:29N:120.92E,h34km,mb4.4,ML3.2,MS3.1, 1C,Luzon

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like BCPH Baguio City Da, BALP Baler, BOLP Bolinao, etc.

JMA 16 20:02:40.6:0.1,24.09N:121.70E,h8km,2km,M3.0

TAP 16 20:02:41.0,24.11N:121.71E,h11km,ML3.5,B

ISC 16 20:02:41.1:0.9,24.10N:100.02:121.74E:0.02,h11km,6km,n60, e45/89,9C-5D,Taiwan

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like TWD Chiawan, HWA Hwalien, EHP Heping Village, etc.

ISC 16 20:04:28.4:1.3,13.46S:166.47E,h0km,mb3.9/6, mb1 4.1/7, mb1mx3.7/38, mbtmp3.9/7, ML4.1, M3.5,3/8, Ms1 3.3/8, ms1mx3.1/22, Error ellipse: s-maj=35.8km s-min=25.0km az=90.0

ISCJB 16 20:04:32.3:1.0,13.6S:0.1:166.5E:0.2,h39km,mb3.9/7, MS3.2/6, Error ellipse: s-maj=27.7km s-min=15.8km az=170.3

NEIC 16 20:04:34.1:3.9,13.58S:166.50E,h42km,34km,mb4.1/2, Error ellipse: s-maj=31.8km s-min=27.7km az=220.0

ISC 16 20:04:33.9:1.1,13.58S:0.09:166.5E:0.2,h39km,n16, e247/12,mb3.9/7,MS3.1/6,Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like TWD Chiawan, HWA Hwalien, EHP Heping Village, etc.

ISCJB 16 20:15:58.5:0.7,33.78N:0.08:137.0E:0.07, h383km,6km,mb2.9/2, Error ellipse: s-maj=12.5km s-min=8.0km az=161.3

JMA 16 20:15:58.9:0.4,33.89N:136.90E,h387km,4km,M2.8

ISC 16 20:15:59.1:0.9,33.76N:137.08E,h372km,16km,mb2.8/2, mb1 2.9/7, mb1mx2.7/42, mbtmp3.6/7, Error ellipse: s-maj=28.0km s-min=16.9km az=55.0

ISC 16 20:15:59.3:1.1,33.78N:0.09:136.98E:0.07,h375km,9km, n25, e112/34, Near south coast of western Honshu

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like TWT Tachien, ENTNT Entente, TWE Neicheng, etc.

Table with columns: YOJ Yonaguni jima, STYT Tuayuan, WTP Tapu, etc.

Table with columns: SCST Pengchayiu, PCD Sandimen, TWM1 Shoushan, etc.

ISC 16 20:04:28.4:1.3,13.46S:166.47E,h0km,mb3.9/6, mb1 4.1/7, mb1mx3.7/38, mbtmp3.9/7, ML4.1, M3.5,3/8, Ms1 3.3/8, ms1mx3.1/22, Error ellipse: s-maj=35.8km s-min=25.0km az=90.0

ISCJB 16 20:04:32.3:1.0,13.6S:0.1:166.5E:0.2,h39km,mb3.9/7, MS3.2/6, Error ellipse: s-maj=27.7km s-min=15.8km az=170.3

NEIC 16 20:04:34.1:3.9,13.58S:166.50E,h42km,34km,mb4.1/2, Error ellipse: s-maj=31.8km s-min=27.7km az=220.0

ISC 16 20:04:33.9:1.1,13.58S:0.09:166.5E:0.2,h39km,n16, e247/12,mb3.9/7,MS3.1/6,Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like HNR Honiara, DZM Mont Dzumac, etc.

ISCJB 16 20:15:58.5:0.7,33.78N:0.08:137.0E:0.07, h383km,6km,mb2.9/2, Error ellipse: s-maj=12.5km s-min=8.0km az=161.3

JMA 16 20:15:58.9:0.4,33.89N:136.90E,h387km,4km,M2.8

ISC 16 20:15:59.1:0.9,33.76N:137.08E,h372km,16km,mb2.8/2, mb1 2.9/7, mb1mx2.7/42, mbtmp3.6/7, Error ellipse: s-maj=28.0km s-min=16.9km az=55.0

ISC 16 20:15:59.3:1.1,33.78N:0.09:136.98E:0.07,h375km,9km, n25, e112/34, Near south coast of western Honshu

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like TT03 TONANKAI O.B.S, TT04 TONANKAI O.B.S, etc.

WEL 16 20:29:13.2±0.1,43.54S×172.43E,h7km,ML3.5/13,1C-4D, Error ellipse: s-maj=0.5km s-min=0.4km az=90.0, South Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations like Canterbury Las, McQueen's Vall, Oxford, Lake Taylor, Rata Peaks, Waitaha Valley, Kahutara, Tophouse, Lake Benmore, Denniston Nort, Otahua Downs, Fox Glacier, Nelson, Earnsclough, Tuapeka.

WEL 16 21:04:11.7±0.1,43.52S×171.94E,h8km,ML3.7/17,3C-2D, Error ellipse: s-maj=0.7km s-min=0.5km az=90.0, South Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations like Oxford, Canterbury Las, McQueen's Vall, Rata Peaks, Lake Taylor, Waitaha Valley, Lake Benmore, Kahutara, Fox Glacier, Otahua Downs, Blackbirch Sta Jackson Bay, Wanaka, Earnsclough, Quartz Range, Tuapeka, Mangatainoka R.

MEX 16 21:09:54.4±0.7,29.96N×114.02W,h10km±12km,MD3.9, Baja California

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations Cero Bolla, CBX.

WEL 16 21:21:32.3±0.3,38.21S×176.07E,h159km±3km,ML4.1/17, 8C-4D, Error ellipse: s-maj=2.3km s-min=1.9km az=0.0, North Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations Kaahu Road, Matea Rd, Urewera, Karewarewa, Taurewa, Otutere, Black Stump Fm, Naumai, Chateau Observ, Far West T-bar, Whangahu Hut, Shannon Statio, Matawai, Turoa, Wahianoa, Mowhango, Kaweka Forest, Waihua, Black Hill Sta, Aroapanui, McNeill Hill, Vera Road.

Main table with columns: RIGZ, HAZ, KHRH, KNZ, TWGZ, PRGZ, CKHZ, CNZG, PNHZ, MUHZ, PUZ, WANGU, TSZ, WPHZ, WMGZ, PXZ, PVZ, POWZ, PRWZ, BFZ, MRZ, TWZ, GIWZ, HOWZ, KIW, TMWZ, CAW, CAW, DUWZ, TRWZ, PAWZ, MSWZ, MSWZ, TCW, TCW, PLWZ, TUWZ, TUWZ, NZ, QHZ, KHZ, QXZ, MOZ, NNC 16 21:32:44.8±1.7,37.29N×71.06E,h137km±17km,mb2.9, mnp3.8, Error ellipse: s-maj=15.5km s-min=6.8km, ISC 16 21:32:44.9±3.2,37.22N±0.2,71.16E±0.08,h88km,n14, <0.86/18,6C-7D,Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations Dzherino, Sufi-Kurgan, Erkin-Say, Karatay Array, Ala-Archa, Chumysh, Oспенovka, Tokmak 2, Akbulak array, Aktyubinsk.

ISCJB 16 21:41:33.2±0.3,35.63N±0.01,97.26W±0.01,h8km±2km, Error ellipse: s-maj=1.9km s-min=1.7km az=12.2

NEIC 16 21:41:34.0,35.61N±0.97,24W,h4km,MW3.3, Moment Tensor Solution. s48 Moment tensor: Scale 10^14Nm; M=0.00; M0=0.43; M0=0.43; M0=0.00; M0=1.17; M0=0.00; Best double couple: M0:1.20000×10^14 Np1:0.1000000°, 0.9000000°, 1.0000000°; NP2:0.1000000°, 0.9000000°, 1.18000000°; Principal axes: T:1.2500, P:0.000000°, N:1.0000, Azm:0.000000°, P:1.2500, P:0.000000°, Azm:5.000000°; After TUL.

NEIC Felt [I]I] at Chocoma, Edmond and Jones and [I]I] at Arcadia. Also felt at Harrah, Luther, Oklahoma City and Spencer.

ISC 16 21:41:33.5±0.8,35.63N±0.02,97.23W±0.01,h10km±5km, n195,±15/25/245, Oklahoma

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Lists stations Luther M Schoo, Wilshire Harra, Jones High Sch, Heffner Road, Harrah City Ha, Choctaw High, Spencer City H, Okla Sci Mus, Guthrie, Guthrie, Meyer Ranch, C, Tecumseh.

Table with columns: W35A, W34A, W34A, U35A, U35A, U34A, U34A, U34A, W36A, W36A, U33A, U33A, W33A, W33A, X34A, TUL1, TUL1, X35A, X36A, X36A, T34A, T34A, T35A, T35A, U36A, U36A, V32A, V32A, X33A, X33A, W37A, W37A, WMOK, U32A, U32A, T33A, T33A, V37A, V37A, Y34A, Y34A, Y35A, Y35A, W32A, W32A, W32A, X37A, X37A, U37A, U37A, Y36A, Y36A, Y33A, Y33A, S33A, S33A, T32A, T32A, S34A, S34A, X32A, X32A, Y37A, Y37A, S35A, S35A, X38A, X38A, U31A, U31A, W31A, W31A, W38A, W38A, Z35A, Z35A, V38A, V38A, Z34A, Z34A, T37A, T37A, Y32A, Y32A, Z36A, Z36A, T31A, T31A, X31A, X31A, S36A, S36A, S32A, S32A, Z33A, Z33A, Y38A, Y38A, R34A, R34A, S31A, S31A, R33A, R33A.

17d Oh

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DANN Danging, WMQ Urumqi, KOLN Koldanda, etc.

GUC 1700:41:04.4+0.5, 34.79Sx72.88W, h33km, 2km, ML3.9
ISC 1700:41:06.0-3.0, 34.76S-0.05, 72.7W, 0.1, h14km, 14km,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like U65B Hualaeo, TALC Talca, LINC Linare, etc.

TAP 1700:45:01.9, 24.67N; 122.11E, h13km, ML3.6, 4C-2D, B,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EGS baz=320, TWC Suao, TWB1 Santiao Chiao, etc.

2010 SEP

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TWS1 Kuangyinshan, TWY Chenhua, YOJ Yonaguni jima, etc.

TAP 1700:45:42.6, 24.67N; 122.12E, h15km, 1km, ML3.1, 1D, B,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EGS baz=317, TWC Suao, TWB1 Santiao Chiao, etc.

TAP 1700:45:57.0, 24.69N; 122.14E, h13km, ML3.6, C, Taiwan region

820

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EGS baz=311, TWC Suao, TWB1 Santiao Chiao, etc.

ISCJB 1700:57:07.1+0.4, 24.69N; 0.02; 122.20E; 0.02, h4km, 3km,
Error ellipse: s-maj=4.1km s-min=2.4km az=2.8
JMA 1700:57:08.0, 24.59N; 122.13E, h39km, 3km, M2.9
TAP 1700:57:08.7, 24.67N; 122.07E, h7km, ML3.1, D
ISC 1700:57:07.3+1.0, 24.70N; 0.03; 122.19E; 0.02, h11km, 8km,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EGS baz=325, TWC Suao, TWB1 Santiao Chiao, etc.

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

NIED 17 01:38:00, 32.20N, 141.90E, h5km, Mw3.4 Best double couple: M0.159000x10^14 NP1.0x23.000000, 838.000000, 1.93.000000, NP2.0x199.000000, 852.000000, 1.88.000000.

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

NNC 17 01:53:55.52.6, 39.03N, 72.89E, h0km, mb3.5, mpv3.3, 5C-3D, Error ellipse: s-maj=32.9km s-min=6.2km

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

GUC 17 02:04:25.5.0.7, 20.82S, 69.17W, h92km, 5km, ML3.7, 1C-2D, Northern Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PB01, PB01, PB01, etc.

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

IDC 17 02:23:59.74.9, 0.65S, 131.47E, h0km, mb3.5/2, mb1.3.7/3, mb1mx3.4/22, mbtmp3.5/3, ML3.4/1, Error ellipse: s-maj=330.2km s-min=28.6km az=72.0, DJA 17 02:24:01.2.1.5, 1.5x14.13^1E1, h31km, 6km, M4.1/5, ML4.1/5

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

IDC 17 02:40:27.3.2.2, 6.16S, 129.71E, h0km, mb3.9/1, mb1.3.7/3, mb1mx3.4/28, mbtmp3.5/3, ML3.4/2, Error ellipse: s-maj=146.7km s-min=31.0km az=69.0, Banda Sea

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

WEL 17 02:45:01.7.0.1, 43.58S, 172.39E, h9km, ML3.6/16, 1C-3D, Error ellipse: s-maj=0.4km s-min=0.4km az=0.0, South Island

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

NIED 17 02:46:00, 24.20N, 122.80E, h8km, Mw4.0 Best double couple: M0.101000x10^15 NP1.0x3.000000, 837.000000, 1.12.000000, NP2.0x106.000000, 881.000000, 1.128.000000

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

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

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

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

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

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

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

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

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

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

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

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like AZAP Zapla, MNMC Minimimi, SLA San Lorenzo, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like 035A Encino, 034A Hebbroville, JSC Jenkinsville, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like WHTX 238A Mt. Pleasant, WVT Waverly, WVT Waverly, etc.

PV01	Paradox Valley	71.01 327	eP	P	03 36 29.5 +1.6
SMCO	Snowmass	71.02 328	eP	P	03 36 29.9 +1.7
M26A	McRoberts Ranc	71.08 332	P	P	03 36 29.3 +1.1
J30A	Dallas	71.14 336	P	P	03 36 28.6 +0.2
L27A	T5 Ranch, Ellis	71.23 333	P	P	03 36 30.2 +1.1
PV05	Paradox Valley	71.24 326	eP	P	03 36 30.5 +1.1
PDMCI	Parker Dam,Lak	71.29 320	eP	P	03 36 31.0 +1.6
H33A	Prehn Over Nor	71.32 338	P	P	03 36 29.5 +0.1
IBP	Imperial Bould	71.36 318	P	P	03 36 31.8 +1.8
SWSC	Sam W. Stewart	71.36 318	P	P	03 36 31.6 +1.7
K28A	Ten Mile Ranch	71.36 334	P	P	03 36 31.3 +1.5
PV04	Paradox Valley	71.38 327	eP	P	03 36 31.3 +1.2
I31A	Royce, Wessing	71.39 337	P	P	03 36 30.1 +0.3
H32A	Carlson Farm,	71.41 338	P	P	03 36 30.0 +0.1
PV10	Paradox Valley	71.43 327	eP	P	03 36 31.4 +0.9
M25A	Palm-Egeli Farm	71.45 332	P	P	03 36 31.7 +1.2
L26A	Underwood Farm	71.52 333	P	P	03 36 32.2 +1.4
J29A	Okreek	71.53 335	P	P	03 36 31.2 +0.4
PV09	Paradox Valley	71.57 327	eP	P	03 36 33.0 +1.5
I30A	Oacoma	71.62 336	P	P	03 36 31.4 +0.2
BC3	Big Chuckawall	71.64 319	P	P	03 36 33.4 +1.8
K27A	Flueckinger Fa	71.71 334	P	P	03 36 33.4 +1.5
MONP	Monument Peak	71.71 318	P	P	03 36 34.1 +1.9
BAR	Barrett	71.73 318	eP	P	03 36 33.7 +1.5
H31A	Wolsey	71.76 337	P	P	03 36 32.0 0.0
IRM	Iron Mountain	71.80 320	P	P	03 36 34.3 +1.8
N23A	Red Feather La	71.87 330	P	P	03 36 34.5 +1.4
N23A	Red Feather La	71.87 330	eP	P	03 36 34.6 +1.5
SUSD	South Dakota S	71.90 337	P	P	03 36 32.8 0.0
J28A	Allard Ranch,	71.91 335	P	P	03 36 33.9 +0.9
PHWY	Pilot Hill	71.97 331	eP	P	03 36 34.9 +1.2
L25A	Engelbreits Ra	72.00 332	P	P	03 36 35.0 +1.3
I29A	Vivian Onida	72.05 336	P	P	03 36 34.1 +0.3
J27A	Elkhorn Farm,	72.07 334	P	P	03 36 35.7 +1.7
G32A	Webster	72.08 338	P	P	03 36 33.6 -0.4
K26A	Motz Farm, Whi	72.10 333	P	P	03 36 35.6 +1.3
109C	Camp Elliot, M	72.14 318	P	P	03 36 35.8 +1.3
D37A	Cotton	72.18 342	P	P	03 36 34.5 0.0
F33A	5 Mile Ranch,	72.18 339	P	P	03 36 34.1 -0.4
BELC	Belle Mtn. Jos	72.20 319	P	P	03 36 36.9 +1.8
PFO	Pinyon Flat Ob	72.22 318	eP	P	03 36 36.6 +1.4
PFO	Pinyon Flat Ob	72.22 318	eP	P	03 36 36.3 +1.1
PFO	Pinyon Flat Ob	72.22 318	eP	P	03 36 37.0 +1.8
PFO	Pinyon Flat Ob	72.22 318	eP	P	03 36 36.6 +1.4
E35A	Pequot Lakes	72.22 341	P	P	03 36 34.6 -0.2
G31A	Conde	72.30 338	P	P	03 36 35.1 -0.1
K25A	Mack Ranch, Ha	72.33 333	P	P	03 36 37.0 +1.4
I28A	Midland	72.36 335	P	P	03 36 36.1 +0.4
O20A	White River Ci	72.37 328	eP	P	03 36 37.6 +1.5
O20A	White River Ci	72.37 328	eP	P	03 36 37.5 +1.5
LDFC	Landfair	72.41 320	eP	P	03 36 38.3 +2.1
D36A	Goodland	72.41 342	P	P	03 36 35.5 -0.3
O34A	Wadena	72.42 340	P	P	03 36 35.8 -0.1
KNB	Kanab	72.46 323	eP	P	03 36 38.8 +2.2
KNB	Kanab	72.46 323	eP	P	03 36 38.8 +2.2
BTU	Barney Top	72.47 324	eP	P	03 36 38.5 +1.7
MMU	Miners Mountai	72.48 325	eP	P	03 36 38.2 +1.4
H29A	Onida	72.52 336	P	P	03 36 36.9 +0.3
GMRC	Granite Mountai	72.53 320	P	P	03 36 38.9 +1.9
G30A	Faulton	72.56 337	P	P	03 36 36.6 -0.2
J26A	Sides Ranch, S	72.56 333	P	P	03 36 38.4 +1.5
D35A	Remer	72.58 341	P	P	03 36 36.4 -0.5
EYMN	Ely	72.64 343	P	P	03 36 36.8 -0.4
EYMN	Ely	72.64 343	eP	P	03 36 36.8 -0.4
MURC	Murieta	72.67 318	P	P	03 36 39.3 +1.6
E33A	Westby DABS, E	72.68 340	P	P	03 36 37.2 -0.2
SRU	San Rafael	72.75 326	eP	P	03 36 39.9 +1.6
SRU	San Rafael	72.75 326	eP	P	03 36 39.9 +1.6
I27A	Quinn	72.77 335	P	P	03 36 39.1 +1.0
F31A	Hecla	72.87 338	P	P	03 36 38.8 +0.2
H28A	Mission Ridge	72.87 336	P	P	03 36 39.2 +0.6
G29A	Hoven	72.90 337	P	P	03 36 39.0 +0.2
J25A	Sunshine Ranch	72.93 333	P	P	03 36 40.5 +1.4
D34A	Park Rapids	72.94 340	P	P	03 36 38.6 -0.4
BBRC	Big Bear Solar	72.94 319	P	P	03 36 41.6 +2.1
HEC	Hector Ludlow	72.97 320	P	P	03 36 41.5 +2.0
P18A	Preston Nutter	72.99 327	eP	P	03 36 41.6 +1.8
I26A	New Underwood	73.06 334	P	P	03 36 40.8 +0.9
ROA	Roan Cliffs	73.08 327	eP	P	03 36 42.3 +1.9
E32A	Braaten, Kindr	73.10 339	P	P	03 36 39.8 -0.1
SCI	San Clemente I	73.11 317	P	P	03 36 41.9 +1.7
F30A	Leola	73.12 337	P	P	03 36 40.1 +0.1
P17A	Butcher Ranch,	73.13 326	eP	P	03 36 42.2 +1.7
TUQ	Turquoise Moun	73.14 320	P	P	03 36 42.3 +1.7
CCUT	Cedar City	73.14 323	eP	P	03 36 43.1 +2.4
G28A	Parade	73.17 336	P	P	03 36 40.9 +0.5
MSU	Marysvalde	73.18 325	eP	P	03 36 43.0 +2.1

MSU	Marysvalde	73.18 325	eP	P	03 36 43.0 +2.1
D33A	AnnSam, Waubun	73.19 340	P	P	03 36 40.0 -0.4
TMUT	Trail Mountain	73.24 326	eP	P	03 36 43.0 +1.7
H27A	Howe	73.25 335	P	P	03 36 41.4 +0.5
E31A	Nome	73.35 339	P	P	03 36 41.4 +0.1
BFSC	Mount Baldy Ra	73.38 318	P	P	03 36 43.4 +1.4
RRX	Edison Barstow	73.41 319	P	P	03 36 43.8 +1.8
F29A	Edison Barstow	73.41 337	P	P	03 36 42.1 +0.3
I25A	Rochford	73.42 333	P	P	03 36 43.5 +1.4
SHPR	Sheep Range	73.42 321	eP	P	03 36 44.0 +1.8
FMP	Fort Macarthur	73.43 318	P	P	03 36 43.7 +1.6
H26A	Fairpoint	73.51 334	P	P	03 36 42.9 +0.4
K22A	Casper	73.53 331	P	P	03 36 44.0 +1.3
K22A	Casper	73.53 331	eP	P	03 36 44.0 +1.3
D32A	Dogwood Acres,	73.56 339	P	P	03 36 42.7 +0.1
GSC	Goldstone	73.57 320	eP	P	03 36 45.0 +2.0
GSC	Goldstone	73.57 320	eP	P	03 36 44.8 +1.7
GSC	Goldstone	73.57 320	eP	P	03 36 45.0 +2.0
MWC	Mount Wilson	73.62 318	eP	P	03 36 44.7 +1.2
MWC	Mount Wilson	73.62 318	eP	P	03 36 44.7 +1.2
RSSD	Black Hills	73.62 333	eP	P	03 36 44.3 +1.0
RSSD	Black Hills	73.62 333	eP	P	03 36 44.3 +1.0
RSSD	Black Hills	73.62 333	eP	P	03 36 44.3 +1.0
E30A	Jud	73.65 338	P	P	03 36 43.5 +0.3
PASC	Pasadena Art C	73.67 318	eP	P	03 36 45.0 +1.5
C33A	Trail	73.72 340	P	P	03 36 43.2 -0.2
D31A	McClaffin, Tow	73.72 339	P	P	03 36 43.5 0.0
F28A	McLaughlin	73.78 336	P	P	03 36 44.6 +0.7
DECC	Green Verdugo	73.81 318	P	P	03 36 45.9 +1.5
G27A	Dupree	73.81 335	P	P	03 36 44.7 +0.5
H25A	North Pocatell	73.85 334	P	P	03 36 45.3 +0.8
E29A	Napoleon	73.97 337	P	P	03 36 45.3 +0.3
G26A	Maurine	74.00 335	P	P	03 36 45.6 +0.3
EDW2	Edwards Air Fo	74.01 319	P	P	03 36 46.9 +1.3
B34A	Aery, Baudette	74.02 341	P	P	03 36 45.1 -0.1
O16A	Springville	74.07 326	eP	P	03 36 41.2 -4.7
D30A	Buchanan	74.12 338	P	P	03 36 46.4 +0.5
BLG	Laguna Peak	74.17 317	P	P	03 36 48.1 +1.6
NLU	North Lily Min	74.18 326	eP	P	03 36 47.8 +1.1
AGMN	Agassiz Nation	74.22 341	eP	P	03 36 46.3 -0.1
AGMN	Agassiz Nation	74.22 341	eP	P	03 36 45.5 +0.1
LRMC	Laurel Mountai	74.22 319	P	P	03 36 48.4 +1.6
G25A	Newell	74.25 334	P	P	03 36 47.4 +0.7
F27A	Lemmon	74.26 336	P	P	03 36 47.5 +0.8
OSI	Osito Adit	74.29 318	P	P	03 36 48.5 +1.4
OSI	Osito Adit	74.29 318	eP	P	03 36 49.1 +1.9
E28A	Huff	74.36 337	P	P	03 36 48.0 +0.7
TPNV	Topopah Spring	74.36 321	eP	P	03 36 49.7 +2.0
TPNV	Topopah Spring	74.36 321	eP	P	03 36 49.8 +2.2
TPNV	Topopah Spring	74.36 321	eP	P	03 36 49.8 +2.2
TPNV	Topopah Spring	74.36 321	eP	P	03 36 49.7 +2.0
D31A	Lanman Farms,	74.37 339	P	P	03 36 47.3 0.0
C9A	Pettibone, Tap	74.37 338	P	P	03 36 47.7 +0.4
FURC	Furnace Creek,	74.39 320	P	P	03 36 49.6 +2.0
BSC	Santa Cruz Isl	74.46 317	P	P	03 36 49.8 +1.6
MPMC	Manus, Prospec	74.49 320	P	P	03 36 49.9 +1.4
F26A	Lodgepole	74.50 335	P	P	03 36 48.9 +0.8
B32A	Ashes, Strandq	74.52 340	P	P	03 36 48.1 0.0
C30A	Mose, Pekin	74.54 339	P	P	03 36 48.9 +0.6
CTU	Camp Tracy	74.56 326	eP	P	03 36 50.1 +1.4
E27A	Carsen	74.56 333	P	P	03 36 49.1 +0.7
ARVC	Arvin	74.69 318	P	P	03 36 51.1 +1.7
TCUT	Toone Canyon	74.69 327	eP	P	03 36 50.7 +1.1
DAC	Darwin (Calif)	74.70 320	eP	P	03 36 50.7 +1.0
DAC	Darwin (Calif)	74.70 320	eP	P	03 36 50.7 +1.0
DUG	Dugway	74.74 326	eP	P	03 36 51.6 +1.8
DUG	Dugway	74.74 326	eP	P	03 36 51.6 +1.8
DUG	Dugway	74.74 326	eP	P	03 36 51.4 +1.7
DUG	Dugway	74.74 326	eP	P	03 36 51.6 +1.8
SBC	Santa Barbara	74.80 317	P	P	03 36 51.3 +1.3
D28A	Regan	74.83 337	P	P	03 36 50.5 +0.5
F25A	Bowman	74.87 335	P	P	03 36 51.1 +0.9
B31A	Greenbush Farm	74.90 340	P	P	03 36 50.1 -0.2
E26A	Carlson Angus,	74.93 336	P	P	03 36 51.3 +0.7
R11A	Troy Canyon,	74.95 323	P	P	03 36 53.0 +2.0
R11A	Troy Canyon,	74.95 323	eP	P	03 36 52.8 +1.7
BW06	Boulder Array	75.03 329	eP	P	03 36 52.3 +0.9
MDND	Maddock	75.05 338	P	P	03 36 52.1 +1.0
MDND	Maddock	75.05 338	eP	P	03 36 52.1 +1.0
GRAC	Grapevine Rang	75.05 321	P	P	03 36 53.5 +2.0
RSUT	Reservoir Moun	75.08 327	eP	P	03 36 53.1 +1.2
CWC	Cottonwood Cre	75.10 320	P	P	03 36 53.8 +1.8
D27A	Center	75.11 337	P	P	03 36 52.4 +0.8
HWUT	Harware Ranch	75.14 327	eP	P	03 36 52.8 +0.8
B30A	Myrvik Farm, E	75.14 339	P	P	03 36 51.9 +0.2
PKM	Peak Mountain	75.16 318	P	P	03 36 54.2 +1.9

A31A	baz=76	75.19 340	P	P	03 36 51.9 -0.1
C28A	Linda, St. Vin	75.21 330	P	P	03 36 52.9 +0.7
C28A	Hausauer Farms	75.21 330	P	P	03 36 54.6 +1.7
VES	Vestal, Richgr	75.32 319	P	P	03 36 53.8 +1.0
E25A	Miller Ranch,	75.32 335	P	P	03 36 53.8 +1.0
WVUT	Wellsville	75.34 327	eP	P	03 36 54.2 +1.0
SPUT	South Promonto	75.37 327	eP	P	03 36 54.8 +1.5
D26A	Manning	75.39 336	P	P	03 36 53.8 +0.7
BGU	Big Grassy Mou	75.39 326	eP	P	03 36 54.9 +1.4
B29A	Wagenman Farm,	75.50 339	P	P	03 36 54.3 +0.6
SMMC	Simmler	75.54 318	P	P	03 36 56.4 +2.1
A30A	Hofart Farm,	75.56 339	P	P	03 36 54.2 +0.1
TIN	Tinemaha	75.60 320	P	P	03 36 56.8 +2.0
C27A	Saylor Ranch,	75.61 337	P	P	03 36 55.2 +0.8
BEI	Bear River Ran	75.62 327	eP	P	03 36 56.2 +1.4
MLI	Midland Ranch	75.73 327	eP	P	03 36 56.3 +1.4
PTU	Portage	75.76 327	eP	P	03 36 56.9 +1.2
AHID	Auburn Hatcher	75.77 328	eP	P	

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like MCMT, BOZ, DLMT, TSUM, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like OD2, H04A, I03D, VFP, etc.

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

17d 6h

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Bremner River, Borovoye Array, Alice Springs, etc.

2010 SEP

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Wild Horse Valley, Kazeroun, Swartz Lake, etc.

830

Table with columns: Station Name, Frequency, Power, Modulation, and other technical details. Includes stations like Collm, Great Sand Dun, Kasperke Hory, etc.

GUC 17 06:52:36.3 0.6 37:47S;74:43W, h20km, 5km, ML5.3
ISCJB 17 06:52:39.7 2.4 37:54S;0:04-0:73:76W, 0.1, h16km, 17km,
mb4.7/43, MS4.4/12, Error ellipse: s-maj=15.4km
s-min=6.6km, az=174.8
BUJ 17 06:52:41.9, 37:20S;73:69W, h32km, mb5.3/4, Ms5.0/6,
M57.4/9.6
IDC 17 06:52:42.4 0.5, 37:59S;73:49W, h23km, 2km, mb4.4/12,
mb1.4/5.16, mb1mx4.4/31, mbtmp4.6/16, ML4.0/3, MS4.4/16,
Ms1.4/4.16, ms1mx4.2/23, Error ellipse: s-maj=19.4km
s-min=13.0km, az=95.0
NEIC 17 06:52:43.6 2.2, 37:51S;73:60W, h23km, 15km, mb4.8/39,
OSCH Error ellipse: s-maj=10.4km, s-min=5.3km, az=76.0
GCMT 17 06:52:43.7 0.4, 37:65S;74:17W, h16km, 1km, MW5.1/54,
Moment Tensor Solution: sz2.63z; s54.678; Duration:
0. Moment tensor: Scale 1016Nm; Mr2.92+22;
Mw-0.12+11; Mw-2.80+15; Mw-0.26+36; Mw0.46+08;
Mw-4.72+65; Best double couple: Ms5.60300x1016
NP1: 381.000000, 875.000000, 195.000000. NP2:
6341.000000, 816.000000, 71.000000. Principal axes: T
5.6740, Plg60.0000, Azm99.0000; N -0.1410,
Plg5.0000, Azm360.0000; P -5.5320, Plg29.0000,
Azm267.0000; nstata refers to body waves, cutoff=40s.
ISC 17 06:52:43.7 0.5, 37:54S;0:04-0:73:76W, 0.07, h23km, 3km,
h23km; PP-P, n116, +15/131, mb4.8/43, MS4.4/12, 6C,
Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and other technical details. Includes stations like San Pedro de C, Cobquecura, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like BOS, SCHEFF, SCHO, COLDF, etc.

CSEM 17 10:17:42.2, 38:59N, 22:16E, h2km, ML1.6/6, Error ellipse: s-maj=14.6km s-min=0.3km az=158.0, Greece

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

NIED 17 10:26:00, 28:80N, 128:40E, h8km, Mw3.8 Best double couple: Ms5.34000, 1014, NP1.9, 121.00000, 829.00000, lambda=12.00000, NP2.2, 222.00000, 884.00000, lambda=118.00000

ISCJB 17 10:26:12.5, 2.5, 28:77N, 104:128:39E, 0.06, h14km, 19km, mb3.7/4, MS3.5/1, Error ellipse: s-maj=8.8km s-min=6.4km az=26.5

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

IDC 17 10:33:10.6, 2.9, 53:56N, 87:84E, h0km, mb1.3/1.2, mb1mx2.9/40, mbtm3.1/2, ML2.3, Error ellipse: s-maj=26.7km s-min=20.5km az=85.0, Southwest Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like H46RU, ZALV, ZALV, etc.

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

ISCJB 17 10:56:42.4, 0.4, 38:14N, 0:04:38:95E, 0.07, h6km, Error ellipse: s-maj=8.7km s-min=5.3km az=27.1

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

WEL 17 10:57:20.6, 0.2, 44:46S, 167:82E, h5km, ML3.9/17, 2C-4D, Error ellipse: s-maj=1.6km s-min=1.0km az=90.0, South Island

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

ISCJB 17 11:01:13.4, 0.6, 69:57N, 142:04W, 0.1, h10km, Error ellipse: s-maj=1.6km s-min=4.8km az=29.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like PS01, PS01, PS01, etc.

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

ISCJB 17 11:04:12.6, 1.2, 32:91S, 0:07:34W, 0.07, h114km, 9km, Error ellipse: s-maj=13.6km s-min=6.0km az=141.6

SJA 17 11:04:12.4, 1.6, 32:88S, 70:22W, h127km, 13km, ML2.7, MW3.0

GUC 17 11:04:13.7, 0.4, 32:87S, 70:46W, h104km, 3km, ML2.8

ISC 17 11:04:11.9, 2.6, 32:92S, 0:08:70W, 0.08, h121km, 19km, n14, 0888/27, Chile-Argentina border region

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

IDC 17 11:10:17.5, 0.5, 16:67S, 172:18W, h0km, mb4.6/16, mb1.4/7/16, mb1mx4.5/33, mbtm4.6/16, MS3.7/9, MS1.3/7.9, ms1mx3.5/21, Error ellipse: s-maj=20.8km s-min=15.2km az=121.0

BUI 17 11:10:19.6, 16:37S, 172:44W, h6km, mb5.1/12, mb5.6/9, MS5.3/6, MS7.4/9.6

ISCJB 17 11:10:19.7, 0.2, 16:65S, 0:06:172:21W, 0.05, h24km, mb4.8/96, MS3.7/8, Error ellipse: s-maj=9.1km s-min=5.4km az=144.7

MOS 17 11:02:22.9, 1.6, 16:74S, 171:52W, h33km, mb5.0/28, Error ellipse: s-maj=16.1km s-min=9.7km az=68.8

NEIC 17 11:02:23.1, 0.2, 16:59S, 172:26W, h35km, mb4.8/82, Error ellipse: s-maj=9.1km s-min=4.9km az=133.0

SZGRF 17 11:02:26.4, 15:89S, 173:30W, h33km, Tonga Islands

ISC 17 11:02:21.5, 0.3, 16:59S, 0:07:172:26W, 0.08, h24km, n430, 0879/442, mb4.8/96, MS3.7/8, 31C-18D, Samoa Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ROOS I_alroos, ZALF Zalf, BIDA Albida, RABH Abou Rabah, WRDH Warideh, etc.

CSEM 17 12:05:48.0, 42°53'N; 12°98'E, h9km, MD1.8/7
ROM 17 12:05:48.0, 41°52'53"N; 12°98'E, h9km, MD1.8/7, MI1.4/4,
Error ellipse: s-maj=0.9km s-min=0.6km az=138.0,

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like LNSS Leonessa, RM29 Verrico (Monte), RM33 Pellescritta, etc.

IDC 17 12:13:09.9, 6.3, 19178S-17772E, h0km, mb3.6/3,
mb1.3/9.3, m1mx3.5/22, m2btp3.6/3, Error ellipse:
s-maj=276.3km s-min=35.9km az=146.0, South of Fiji

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

SZGRF 17 12:20:12.4, 41°17'N; 15°80'E, h10km, Southern Italy
IDC 17 12:20:13.6, 0.8, 41°58'N; 15°33'E, h0km, mb4.0/1,
mb1.4/2.19, mb1mx4.0/43, m2btp4.0/19, ML4.1/7, MS3.4/17,
Mb1.3/4.17, m1mx3.1/57, Error ellipse: s-maj=14.7km
s-min=11.0km az=73.0

BEO 17 12:20:14.5, 1.1, 41°49'N; 15°44'E, h0km, ML4.4/1
MOS 17 12:20:14.3, 1.0, 41°59'N; 15°57'E, h12km, mb4.4/5, Error
ellipse: s-maj=6.0km s-min=4.1km az=89.1

PRU 17 12:20:15.7, 41°54'N; 15°67'E, h0km
ROM 17 12:20:17.0, 2.0, 41°47'N; 15°62'E, h0km, 2km, M4.5/15,
Error ellipse: s-maj=1.6km s-min=1.4km az=11.8

CSEM 17 12:20:17.6, 0.1, 41°52'N; 15°52'E, h30km, mb4.2/6,
ML4.8/20, Ms4.0, Error ellipse: s-maj=2.1km s-min=1.6km
az=39.0

PDG 17 12:20:17.2, 0.6, 41°49'N; 15°67'E, h28km, MD4.3/3,
ML4.2/10, Error ellipse: s-maj=0.5km s-min=0.6km az=0.0

LDG 17 12:20:17.6, 41°52'N; 15°66'E, h30km
VIE 17 12:20:17.3, 0.8, 41°67'N; 15°67'E, h10km, mb3.7/18,
m3.8/3, ms4.0/15, Error ellipse: s-maj=8.5km s-min=6.5km
az=68.0

NEIC 17 12:20:18.0, 41°49'N; 15°63'E, h30km, mb3.9/2,
ML4.4/(ROM), After ROM.

NEIC Felt [VI] at Canosa di Puglia, Foggia, Lucera, Monte
Sant'Angelo, San Giovanni Rotondo and Stomarella and
[III] in the Matera-Naples-Pescara area. Felt in much of
Abruzzo, Basilicata, Campania, Molise and Puglia.

ISC 17 12:20:16.6-0.7, 41°50'N; 02°15'62"E; 0.02, h17km, 2km,
n528, r1543/626, mb4.1/14, MS3.4/10, 46C-34D, Southern
Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SGRT San Giovanni R, MSAG Monte S. Angel, SGTA Sant Agata di, GATE Gambatesa, VULT Monte Vulture, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like VULT Monte Vulture, CAFE Carife, CIGN Sant'Elia a Pi, PALZ Palazzo San Ge, MRVN Minerivno Murg, CDT Castel del Mon, SNAL S. Angelo Dei, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TIR Tirane, PLE Plijevlja, PVY Plav, BLY Banja Luka, BLS Lazii#263;i, SKDS Skadanscina, NEST Nestorio, etc.

Table with columns: Call sign, Name, Frequency, Mode, and other parameters. Includes stations like ABTA Abfaltersbach, AGG Agios Georgios, ARS Arzberg, etc.

Table with columns: Call sign, Name, Frequency, Mode, and other parameters. Includes stations like RETA, LMR La Moure, DAVA, DAV, etc.

Table with columns: Call sign, Name, Frequency, Mode, and other parameters. Includes stations like KOLS Kolonice sedl, KOLS Kolonice sedl, KOLS Kolonice sedl, etc.

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

17 13:34:38.8-1.3, 42.71N:30.04W, h0km, mb3.5/4, mb1 3.6/5, mb1mx3.4/4.8, mbtmp3.4/5, ML4.6/1, MS3.3/9, Ms1 3.9/9, ms1mx3.0/37, Error ellipse: s-maj=42.2km s-min=27.6km az=15.0, Azores Islands region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like ESDC Sonseca Array, MDT Midelt, SCHO Schefferville, etc.

WEL 17 13:36:49.7±0.1, 43.46Sx172.16E, h7km, ML3.3/14, 2C-3D, Error ellipse: s-maj=0.5km s-min=0.4km az=90.0, South Island

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

NEIC 17 13:37:38.6, 43.46S:172.16E, h6km, ML4.5(WEL), After WEL

NEIC FEL (IV) at Asburton, Christchurch, Darfield and Kaiapoi. WEL 17 13:37:38.6±0.1, 43.46S:172.16E, h7km, ML4.4/37, 3C-4D, Error ellipse: s-maj=0.4km s-min=0.4km az=90.0, South Island

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

Table with columns: THZ Tophouse, FOF Fox Glacier, FOF Fox Glacier, etc. Includes stations like THZ Tophouse, FOF Fox Glacier, FOF Fox Glacier, etc.

17 14:16:33.0±0.6, 11.125S:162.96E, h10km, mb4.3/14, mb1 4.4/16, mb1mx3.3/28, mbtmp4.3/16, ML4.1/2, MS3.8/15, Ms1 3.8/15, ms1mx3.7/23, Error ellipse: s-maj=25.8km s-min=17.3km az=98.0

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like THZ Tophouse, FOF Fox Glacier, FOF Fox Glacier, etc.

NNC 17 14:16:33.2±14.0, 36.63N:70.34E, h0km, mb4.0, mpv3.6, 5C-1D, Error ellipse: s-maj=142.3km s-min=70.7km az=17.0, Hindu Kush region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like DZET Dzherino, SFK Sufi-Kurgan, etc.

IDC 17 14:16:31.7±0.8, 11.115S:162.94E, h10km, mb4.3/14, mb1 4.4/16, mb1mx3.3/28, mbtmp4.3/16, ML4.1/2, MS3.8/15, Ms1 3.8/15, ms1mx3.7/23, Error ellipse: s-maj=25.8km s-min=17.3km az=98.0

NEIC 17 14:16:34.9±0.5, 11.141S:162.96E, h10km, mb4.3/14, mb1 4.4/16, mb1mx3.3/28, mbtmp4.3/16, ML4.1/2, MS3.8/15, Ms1 3.8/15, ms1mx3.7/23, Error ellipse: s-maj=25.8km s-min=17.3km az=98.0

AUST 17 14:16:52.0, 11.295S:161.94E, h100km, mb4.3/14, mb1 4.4/16, mb1mx3.3/28, mbtmp4.3/16, ML4.1/2, MS3.8/15, Ms1 3.8/15, ms1mx3.7/23, Error ellipse: s-maj=25.8km s-min=17.3km az=98.0

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like HNR Honiara, DZR Honiara, etc.

Table with columns: DZM Mumt Dzumac, DZM Alice Springs, DZM Chiang Mai Arr, etc. Includes stations like DZM Mumt Dzumac, DZM Alice Springs, DZM Chiang Mai Arr, etc.

17 14:23:06.2±3.1, 32.80S:178.59W, h0km, mb3.5/2, mb1 3.8/3, mb1mx3.6/21, mbtmp3.6/3, ML3.5/1, MS3.5/1, Ms1 3.5/1, ms1mx2.9/10, Error ellipse: s-maj=72.1km s-min=36.5km az=114.0, South of Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like RAO Raoul Island, URZ Urewera, ASAR Alice Springs, etc.

IDC 17 14:23:06.2±3.1, 32.80S:178.59W, h0km, mb3.5/2, mb1 3.8/3, mb1mx3.6/21, mbtmp3.6/3, ML3.5/1, MS3.5/1, Ms1 3.5/1, ms1mx2.9/10, Error ellipse: s-maj=72.1km s-min=36.5km az=114.0, South of Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like RAO Raoul Island, URZ Urewera, ASAR Alice Springs, etc.

ISCJTB 17 14:25:14.6±0.6, 10.36N:0.05-62.16W, h25km, Error ellipse: s-maj=5.2km s-min=5.2km az=165.5

FUNV 17 14:25:15.6, 10.32N:62.17W, h8km, MW2.8

ISC 17 14:25:14.9±1.1, 10.36N:0.05-62.16W, h25km, n15, e083/18, 1C-1D, Near coast of Venezuela

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like GUVI Guiria, TCE Cachachacare, etc.

IDC 17 14:25:24.1±0.7, 101.15N:62.39W, h0km, mb3.8/8, mb1 4.0/9, mb1mx3.8/45, mbtmp3.8/9, ML4.3/1, MS3.5/8, Ms1 3.5/8, ms1mx3.1/35, Error ellipse: s-maj=24.4km s-min=17.4km az=105.0 NEIC 17 14:25:25.3±0.5, 102.23N:62.29W, h10km, mb4.0/1, MD4.0(TRN), MW3.8(CAR), Error ellipse: s-maj=9.7km s-min=6.8km az=126.0

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like GUVI, ALNG, TCE, TRN, CRUV, etc.

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

Error ellipse: s-maj=8.3km s-min=5.9km az=179.8 DDA 17 14:27:53.2, 99.86N:33.30E, h7km, MD2.8 CSEM 17 14:27:53.2, 99.86N:33.30E, h7km, MD2.7, Error ellipse: s-maj=6.0km s-min=5.9km az=170.0 ISC 17 14:27:54.2±1.0, 39.85N:0.03:33.34E:0.03, h15km, 11km, n25, c0598/39, Turkey

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

ISCJJB 17 14:28:10.3±0.9, 101.36N:0.05:62.18W:0.03, h10km, 7km, Error ellipse: s-maj=8.6km s-min=4.5km az=165.3 FUNV 17 14:28:10.5, 101.36N:62.12W, h8km, MW3.0 TRN 17 14:28:10.7, 101.46N:62.18W, h3km, MD3.4 ISC 17 14:28:09.8±1.3, 103.38N:0.05:62.20W:0.03, h5km, 11km, n12, c0558/20, 2D, Near coast of Venezuela

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

ISCJJB 17 14:50:41.3±0.6, 38.08N:0.03:39.20E:0.05, h15km, 7km, Error ellipse: s-maj=6.5km s-min=5.7km az=71.5 DDA 17 14:50:41.9, 38.13N:39.03E, h14km, MD2.7 ISC 17 14:50:41.2±0.4, 38.09N:39.15E, h10km, MD2.7, Error ellipse: s-maj=6.8km s-min=7.9km az=83.0 ISC 17 14:50:41.4±1.1, 38.07N:0.03:39.10E:0.03, h5km, 91km, n15, c142/26, Turkey

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

PGC 17 14:52:25.5±2.7, 48.89N:129.74W, h10km, ML3.3/36, Mw3.9/36, 261km southwest of Pt. Hardy, Bc Vancouver Island Region IDC 17 14:52:28.6±1.6, 49.16N:128.85W, h0km, mb3.5/3, mb1 3.9/11, mb1mx3.7/53, mbtmp3.7/11, ML3.3/8, MS3.4/8, Ms1 3.4/8, ms1mx3.2/25, Error ellipse: s-maj=29.5km s-min=10.4km az=67.0 NEIC 17 14:52:29.6±0.8, 49.22N:129.09W, h10km, mb4.0/13, MW3.9(OTT), Error ellipse: s-maj=12.7km s-min=6.0km az=66.0

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

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

ISCJJB 17 14:52:28.6±1.1, 49.11N:0.03:129.12W:0.03, h10km, 7km, n133, c189/129, mb3.8/6, MS3.6/5, Vancouver Island region

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ILAR Eielson Array, G26A Maurine, PV01 Paradox Valley, etc.

ISCJB 17 14:56.9.1.7.31.32N.0.09:142.5E.0.6.h37km, mb3.4/3, Error ellipse: s-maj=80.1km s-min=7.4km az=172.9

DDA 17 15:13:50.5, 38.09N, 39.03E, h11km, MD2.9
ISK 17 15:13:50.1, 38.14N, 38.99E, h10km, MD2.9
CSEM 17 15:13:50.8, 0.2, 38.14N, 39.05E, h10km, MD2.9, Error ellipse: s-maj=6.1km s-min=4.7km az=131.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SVRC Sivrice-ELAZID, ELZG Elazig, URFU Urfu, etc.

CSEM 17 15:36:54.8, 0.5, 38.10N, 38.14E, h5km, MD2.6, Error ellipse: s-maj=13.8km s-min=9.1km az=154.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like AKCD Akcadag, DARE Darendemalaty, ELZG Elazig, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ELZG Gaziantep, PTK Pertek, SARI SarDiz-Kayseri, etc.

IDC 17 15:45:17.0, 3.0, 5.85S, 150.50E, h0km, mb3.5/2, mb1.3/0.3, mb1mx3.4/2.3, mbtmp3.6/3, ML1.1/1, Error ellipse: s-maj=122.2km s-min=35.1km az=122.0, New Britain region

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

ISCJB 17 16:03:46.3, 0.8, 35.30S, 72.05W, h45km, 5km, mb4.1/2, MS3.5/1, Error ellipse: s-maj=14.0km s-min=5.6km az=179.7

GUC 17 16:03:46.0, 0.5, 35.30S, 72.05W, h45km, 6km, ML4.6
NEIC 17 16:03:46.0, 35.30S, 72.04W, h45km, mb4.2/2, After GUC.
NEIC Felt [IV] at Rancagua and Talca; [III] at Longavi, Pichilemu and San Fernando; [II] at Constitucion, Lolol, Navidad, Paredones and San Francisco de Mostazal.

IDC 17 16:03:48.2, 0.7, 35.33S, 72.08W, h50km, 5km, mb4.0/11, mb1.4/1.6, mb1mx4.0/3.1, mbtmp4.2/16, MS3.3/4, Ms1.3/3.4, ms1mx3.0/2.2, Error ellipse: s-maj=20.3km s-min=10.8km az=104.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like TALC Talca, U65B Hualae0, L66B Linare, etc.

ISC 17 16:03:47.7, 0.7, 35.36S, 72.10W, h48km, 5km, mb4.1/1, MS3.5/6, mb4.5/12, Near coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CFAA Coronel Fonn, LCO Las Campanas, LCO Torquist, etc.

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

STR 17 16:22:35.3, 0.1, 43.06N, 0.69W, h5km, M12.3, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

LDG 17 16:22:35.2, 0.0, 43.16N, 0.67W, h2km, M2.5/3, M2.4/9, Error ellipse: s-maj=1.0km s-min=0.8km az=168.0

MDD 17 16:22:35.5, 0.2, 43.14N, 0.69W, h0km, mb1.0/1.9, 2/1, Error ellipse: s-maj=2.4km s-min=1.5km az=8.0, PRXIMO

CSEM 17 16:22:34.0, 0.1, 43.19N, 0.64W, h5km, M2.4/10, Error ellipse: s-maj=1.8km s-min=1.0km az=162.0, Pyrenees

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ATE Arette, ORDF Ordiarp, REYF Montagne du Re, etc.

ISCJB 17 16:11:46.5, 0.8, 51.46N, 0.04, 16.01E, 0.04, h0km, Error ellipse: s-maj=5.8km s-min=3.5km az=21.8

ISCJB 17 16:11:47.0, 2.5, 51.49N, 16.02E, h2km, ML3.0/10, Error ellipse: s-maj=8.3km s-min=5.3km az=3.0

Table with columns: Label, Name, Az, El, P, S, Time, Res. Includes stations like LABF Labassere, YASP Aspurt, YSIS Sigues, EALK Alkurruntz, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like CAF Calviac, RCF Les Rejaudoux, CFON Fontmartina, etc.

NEIC 17 16:33:51.8,0.4, 1.23N, 120.84E, h35km, mb4.4/3, Error ellipse: s-maj=18.6km s-min=7.4km az=72.0

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like TOLI Toli-Toli, MPMI Mapaga, MPMI Marisa, etc.

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like MTSU Mount Surprise, MORW Morawa, BLDU Ballidu, etc.

ISCJB 17 17:11:36.1,0.5, 50.18N, 107.07E, h0km, Error ellipse: s-maj=6.6km s-min=2.8km az=9.7

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like OJC Ojcow, OKC Ostrava-Krasne, OKC Ostrava-Krasne, etc.

WEL 17 17:12:40.4,0.4, 37.60S, 176.41E, h198km, 3km, ML4.7/23, 9C-10D, Error ellipse: s-maj=1.7km s-min=1.5km az=90.0, North Island

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like TGRZ Tauranga, OPRZ Ohinepanea, TOZ Tahuroa Road, etc.

Table with columns for station name, frequency, and signal strength. Includes stations like GERES Array S, Kasperske Hory, Hagfors, Colim, Cadr, Terra Mystica, Cadr, Terra Mystica, Cadr, Terra Mystica, etc.

Table with columns for station name, frequency, and signal strength. Includes stations like MOX, MOX, MOX, L'Aquila, KSSEO Seoul, KSSEO Seoul, etc.

Table with columns for station name, frequency, and signal strength. Includes stations like UBBA Unterbreizbach, UBBA Unterbreizbach, UBBA Unterbreizbach, etc.

R37A	Teagarden Farm	104.37 349	PKIKP	PKIKP	19 39 09.7 -0.8
Q30A	Quinter	104.42 353	PKIKP	PKIKP	19 39 11.8 +1.2
TKL	Tuckaleechee C	104.43 339	eP	Pdif	19 34 50.6 -5.0
TKL	Tuckaleechee C	104.43 339	ePdif	Pdif	19 34 50.5 -5.0
R36A	Gordon, Harris	104.47 349	PKIKP	PKIKP	19 39 10.1 -0.5
Q28A	Sharon Springs	104.48 354	PKIKP	PKIKP	19 39 08.8 -2.0
TMUT	Trail Mountain	104.51 2	ePdif	Pdif	19 34 55.4 -0.8
TMUT	Trail Mountain	104.51 2	ePdif	PKIKP	19 39 04.7 -6.5
TMUT	Trail Mountain	104.51 2	ePdif	PKIKP	19 50 42.2
CBKS	Cedar Bluff	104.53 353	PKIKP	PKIKP	19 39 08.5 -2.3
R35A	Emporia Municipi	104.57 350	PKIKP	PKIKP	19 39 07.3 -3.6
Q29A	Oakley	104.58 354	PKIKP	PKIKP	19 39 06.4 -4.6
K3CQ	Kayle Shedlock	104.59 355	PKIKP	PKIKP	19 39 07.9 -3.2
SRU	San Rafael	104.71 1	eP	Pdif	19 34 54.7 -2.3
SRU	San Rafael	104.71 1	eP	Pdif	19 34 54.7 -2.3
SRU	San Rafael	104.71 1	eP	Pdif	19 50 39.2
Q26A	Hugo	104.74 356	PKIKP	PKIKP	19 39 07.1 -4.2
R34A	Isabella, Hill	104.74 350	PKIKP	PKIKP	19 39 07.1 -4.1
Q24A	Divide	104.79 357	PKIKP	PKIKP	19 39 08.3 -3.4
R33A	Long Quarter,	104.81 352	PKIKP	PKIKP	19 39 09.7 -1.6
R32A	Olander Ranch,	104.83 351	PKIKP	PKIKP	19 39 09.4 -2.0
S37A	Fort Scott	104.92 348	PKIKP	PKIKP	19 39 10.2 -1.3
NV01	Mina Array Sit	104.92 8	ePdif	Pdif	19 35 00.1 +2.1
NV01	Mina Array Sit	104.92 8	ePdif	Pdif	19 50 41.4
NVAR	Mina Array Bea	104.92 8	Pdif	Pdif	19 34 59.3 +1.3
NVAR	comp=Z,4.0nm,0.8s,baz=0.8,slow=6.4,SNR=3.6		PKIKP	PKIKP	19 39 11.1 -0.7
NVAR	comp=Z,6.5nm,0.7s,baz=194,slow=5.9,SNR=1.8		PKIKPbc	PKIKPbc	19 50 41.4 +1.9
NVAR	comp=Z,0.5nm,0.6s,baz=174,slow=3.4,SNR=4.4		PKIKPbc	PKIKPbc	19 58 59.3 -4.0
R31A	Burdett	105.03 352	PKIKP	PKIKP	19 39 10.3 -1.5
PBMO	Poplar Bluff	105.04 345	ePdif	Pdif	19 34 60.0 +1.8
R29A	Marienthal	105.06 354	PKIKP	PKIKP	19 39 11.3 -0.5
WVT	Waverly	105.07 342	eP	Pdif	19 34 57.9 -0.5
WVT	Waverly	105.07 342	ePdif	Pdif	19 34 57.9 -0.5
S36A	Lake Cedric, C	105.07 349	PKIKP	PKIKP	19 39 07.6 -4.2
R30A	Dighton	105.11 353	PKIKP	PKIKP	19 39 09.2 -2.7
R28A	Tribune	105.19 354	PKIKP	PKIKP	19 39 09.6 -2.5
S35A	Otter Creek Ra	105.22 350	PKIKP	PKIKP	19 39 12.5 +0.5
R11A	Troy Canyon, C	105.24 5	PKIKP	PKIKP	19 39 10.8 -1.5
R11A	Troy Canyon, C	105.24 5	ePdif	Pdif	19 35 01.9 +2.6
R11A	Troy Canyon, C	105.24 5	ePdif	PKIKP	19 39 05.7 -6.7
R11A	Troy Canyon, C	105.24 5	ePdif	PKIKP	19 50 39.3
MSU	Marysville	105.27 3	eP	Pdif	19 35 05.2 +5.7
MSU	Marysville	105.27 3	ePdif	Pdif	19 50 39.1
S34A	Willow Spring	105.31 350	PKIKP	PKIKP	19 39 12.0 -0.2
R27A	Eads	105.33 355	PKIKP	PKIKP	19 39 12.5 +0.2
R26A	Arlington	105.36 355	PKIKP	PKIKP	19 39 10.4 -2.1
S33A	Kaszaul Farm,	105.44 351	PKIKP	PKIKP	19 39 11.2 -1.5
S32A	Newby Ranch, P	105.55 352	PKIKP	PKIKP	19 39 08.8 -3.9
T37A	Cheneyville 18	105.55 348	PKIKP	PKIKP	19 39 09.8 -2.9
MLAC	Mammoth Lakes	105.65 8	PKIKP	PKIKP	19 39 11.5 -1.7
S31A	Mullinville	105.69 352	PKIKP	PKIKP	19 39 09.1 -3.9
PV01	Paradox Valley	105.70 360	ePdif	Pdif	19 35 05.4 +4.0
PV01	Paradox Valley	105.70 360	ePdif	PKIKP	19 39 08.7 -4.5
PV05	Paradox Valley	105.76 0	ePP	PP	19 39 19.4 -6.2
T36A	Boggs Farm, Ca	105.77 349	PKIKP	PKIKP	19 39 08.8 -4.3
S30A	Montezuma	105.77 353	PKIKP	PKIKP	19 39 09.3 -3.9
S29A	Ulysses	105.85 353	PKIKP	PKIKP	19 39 10.8 -2.5
S27A	Las Animas	105.93 355	PKIKP	PKIKP	19 39 11.9 -1.6
S28A	Manter	105.95 354	PKIKP	PKIKP	19 39 12.0 -1.6
MTM	Tungsten Hills	105.95 8	ePdif	Pdif	19 35 07.8 +5.2
T34A	McClaskey Farm	105.99 350	PKIKP	PKIKP	19 39 12.0 -1.5
T35A	Sooner Cattle	106.00 350	PKIKP	PKIKP	19 39 13.5 -0.1
SDCO	Great Sand Dun	106.02 357	PKIKP	PKIKP	19 39 12.6 -1.3
SDCO	Great Sand Dun	106.02 357	ePdif	Pdif	19 35 07.4 +4.4
S26A	Kim	106.03 355	PKIKP	PKIKP	19 39 11.6 -2.1
T32A	Huddler Ranch,	106.06 352	PKIKP	PKIKP	19 39 10.7 -2.9
S22A	4UR Ranch, Cre	106.06 358	PKIKP	PKIKP	19 39 10.3 -3.7
S22A	4UR Ranch, Cre	106.06 358	ePdif	Pdif	19 35 08.3 +5.2
S22A	4UR Ranch, Cre	106.06 358	ePdif	PKIKP	19 39 27.9
S22A	4UR Ranch, Cre	106.06 358	ePdif	PKIKP	19 50 37.3
T33A	Patterson Ranc	106.07 351	PKIKP	PKIKP	19 39 12.2 -1.5
U38A	Gravette	106.13 348	PKIKP	PKIKP	19 39 13.2 -0.6
TIN	Tinemaha	106.28 8	PKIKP	PKIKP	19 39 13.1 -1.1
U37A	Salina	106.28 348	PKIKP	PKIKP	19 39 13.0 -1.0
T29A	Hugoton	106.33 354	PKIKP	PKIKP	19 39 14.6 +0.3
T30A	Plains	106.36 353	PKIKP	PKIKP	19 39 12.7 -1.5
U36A	Oologah	106.40 349	PKIKP	PKIKP	19 39 13.7 -0.5
GRAC	Grapevine Rang	106.43 7	PKIKP	PKIKP	19 39 13.8 -0.5
T28A	Walsh	106.43 354	PKIKP	PKIKP	19 39 13.8 -0.7
T26A	Comanche Natio	106.49 355	PKIKP	PKIKP	19 39 14.4 -0.3
T27A	Campo	106.54 355	PKIKP	PKIKP	19 39 12.6 -2.1
U35A	Pawnee	106.57 350	PKIKP	PKIKP	19 39 13.6 -1.0
T25A	Trinidad	106.57 356	PKIKP	PKIKP	19 39 15.5 +0.6
TPNV	Topopah Spring	106.58 6	eP	Pdif	19 35 11.5 +6.2
TPNV	Topopah Spring	106.58 6	PKIKP	PKIKP	19 39 14.6 -0.2
TPNV	Topopah Spring	106.58 6	ePdif	Pdif	19 35 11.5 +6.2
TPNV	Topopah Spring	106.58 6	ePdif	PKIKP	19 50 36.3
U34A	Anderson Ranch	106.61 350	PKIKP	PKIKP	19 39 17.9 +3.3
MVCO	Mesa Verde	106.62 360	PKIKP	PKIKP	19 39 16.2 +1.2
MVCO	Mesa Verde	106.62 360	eP	PP	19 39 39.0 +7.0
U33A	Lingo Farm, Me	106.69 351	PKIKP	PKIKP	19 39 17.9 +3.0
V38A	Canehill	106.70 348	PKIKP	PKIKP	19 39 16.3 +1.5
KNB	Kanab	106.73 3	eP	Pdif	19 35 12.1 +6.1
KNB	Kanab	106.73 3	eP	Pdif	19 39 40.7
KNB	Kanab	106.73 3	ePdif	Pdif	19 35 12.1 +6.1
V37A	Hubert	106.80 348	PKIKP	PKIKP	19 39 18.1 +3.0
U32A	Winter Ranch,	106.86 352	PKIKP	PKIKP	19 39 18.2 +3.0
TUL1	Tulsa	106.88 349	PKIKP	PKIKP	19 39 18.2 +3.0

U30A	WK&E Inc. Balk	106.89 353	PKIKP	PKIKP	19 39 18.2 +3.0
CWC	Cottonwood Cre	106.91 8	PKIKP	PKIKP	19 39 22.9 +7.5
U31A	Nimrod Ranch	106.96 352	PKIKP	PKIKP	19 39 21.4 +6.1
FURC	Furnace Creek,	107.00 7	PKIKP	PKIKP	19 39 18.5 +3.2
DZM	Mont Dzumac	107.02 105	ePdif	Pdif	19 35 05.6 -1.7
DZM	Mont Dzumac	107.02 105	ePP	PP	19 39 34.8 -1.8
DZM	Mont Dzumac	107.02 105	Pdif	Pdif	19 35 08.8 +1.6
DZM	comp=Z,9.3nm,0.9s,baz=0.7,slow=18.1,SNR=5.0		PKIKP	PKIKP	19 39 16.3 +0.5
DZM	comp=Z,1.6nm,0.9s,baz=0.2,slow=2.0,SNR=6.8		PKIKPbc	PKIKPbc	19 50 34.4 +2.1
V36A	Jenks	107.02 349	PKIKP	PKIKP	19 39 27.7 +1.2
U29A	Oasis Ranch, S	107.02 353	PKIKP	PKIKP	19 39 23.1 +7.6
SHPR	Sheep Range	107.11 5	eP	PP	19 39 40.1 +4.7
U28A	Mallet	107.18 354	PKIKP	PKIKP	19 39 28.0 +1.2
V35A	Meyer Ranch, C	107.18 350	PKIKP	PKIKP	19 39 24.9 +9.2
U27A	Thompson Grove	107.18 355	PKIKP	PKIKP	19 39 17.2 +1.3
V34A	Guthrie	107.20 350	PKIKP	PKIKP	19 39 21.9 +6.1
V33A	Lossen Ranch,	107.32 351	PKIKP	PKIKP	19 39 23.6 +7.6
MPCO	Manual Prospec	107.34 7	PKIKP	PKIKP	19 39 23.8 +7.4
W38A	Poteau	107.49 348	PKIKP	PKIKP	19 39 20.9 +4.6
V32A	Arapaho	107.51 351	PKIKP	PKIKP	19 39 24.0 +7.6
V31A	Spring Creek L	107.55 352	PKIKP	PKIKP	19 39 25.6 +9.1
W37A	Quinton	107.68 348	PKIKP	PKIKP	19 39 24.1 +7.6
V29A	Stinnett	107.62 354	PKIKP	PKIKP	19 39 24.2 +7.5
ISA	Isabella	107.63 8	PKIKP	PKIKP	19 39 15.1 -1.6
V30A	Spur Ranch, Mi	107.65 353	PKIKP	PKIKP	19 39 18.1 +1.4
W36A	Wetumka	107.70 349	PKIKP	PKIKP	19 39 15.1 -1.6
SYO	Syowa Base	107.77 191f	ePKIKP	PKIKP	19 39 15.0 -0.5
SYO	Syowa Base	107.77 191f	PP	PP	19 39 40.1 -0.9
W35A	Teumseh	107.78 350	PKIKP	PKIKP	19 39 15.3 -1.6
SMCC	Simmler	107.79 9	PKIKP	PKIKP	19 39 18.4 +1.5
V28A	Channing	107.80 354	PKIKP	PKIKP	19 39 18.4 +1.4
M1AR	Mount Ida	107.83 347	PKIKP	PKIKP	19 39 20.4 +1.5
W34A	Bridge Creek,	107.83 350	PKIKP	PKIKP	19 39 18.0 +3.0
V27A	Dan Opitter Fa	107.84 355	PKIKP	PKIKP	19 39 24.6 +7.5
LRMC	Laurel Mountai	107.90 7	PKIKP	PKIKP	19 39 21.7 +4.5
W32A	Whitesboro	107.93 348	PKIKP	PKIKP	19 39 21.7 +4.5
X38A	Caddo, Fort Co	108.00 351	PKIKP	PKIKP	19 39 18.8 +1.5
X37A	Clayton	108.10 348	PKIKP	PKIKP	19 39 15.9 -1.6
TUQ	Turquoise Moun	108.11 6	PKIKP	PKIKP	19 39 22.1 +4.4
ARVC	Arvin	108.12 8	PKIKP	PKIKP	19 39 23.7 +6.2
W31A	Sentinel	108.13 352	PKIKP	PKIKP	19 39 23.6 +6.1
GSC	Goldstone	108.16 7	eP	Pdif	19 35 16.7 +4.4
GSC	Goldstone	108.16 7	ePdif	PKIKP	19 39 12.1 +1.4
GSC	Goldstone	108.16 7	ePdif	Pdif	19 35 16.7 +4.4
W30A	Crockett Ranch	108.22 353	PKIKP	PKIKP	19 39 19.2 +1.4
PKM	Peak Mountain	108.23 9	PKIKP	PKIKP	19 39 22.3 +4.4
X36A	Centrahoma	108.28 349	PKIKP	PKIKP	19 39 22.4 +4.6
WUAZ	Wupatki	108.28 2	PKIKP	PKIKP	19 39 23.9 +5.9
WUAZ	Wupatki	108.28 2	ePdif	Pdif	19 35 15.8 +2.8
WUAZ	Wupatki	108.28 2	ePdif	PKIKP	19 50 28.9
W28A	Yega	108.29 354	PKIKP	PKIKP	19 39 20.9 +2.9
WMOK	Wichita Mounta	108.45 351	eP	Pdif	19 35 17.9 +4.4
WMOK	Wichita Mounta	108.45 351	ePdif	Pdif	19 35 17.9 +4.4
WMOK	Wichita Mounta	108.45 351	ePdif	PKIKP	19 39 19.3 +1.1
EDW2	Edwards Air Fo	108.46 8	PKIKP	PKIKP	19 39 37.8 +7.6
X34A	Smith Ranch, M	108.46 350	PKIKP	PKIKP	19 39 18.1 -0.1
Y39A	Lockesburg	108.52 347	PKIKP	PKIKP	19 39 25.9 +7.6
X35A	Drake	108.54 350	PKIKP	PKIKP	19 39 30.5 +1.2
RRX	Edison Barstow	108.56 7	PKIKP	PKIKP	19 39 21.4 +3.0
X33A	Lawton	108.61 351	PKIKP	PKIKP	19 39 23.0 +4.5
AMTX	Amarillo	108.62 354	ePdif	Pdif	19 35 20.5 +6.2
AMTX	Amarillo	108.62 354	ePdif	PKIKP	19 50 28.9
OSI	Osito Adit	108.64 8	PKIKP	PKIKP	19 39 20.0 +1.5
Y38A	Idabel	108.64 347	PKIKP	PKIKP	19 39 24.6 +6.1
HEC	Hector Ludlow	108.67 6	PKIKP	PKIKP	19 39 17.0 -1.7
SBC	Santa Barbara	108.69 9	PKIKP	PKIKP	19 39 23.2 +4.6
X31A	McDonald Ranch	108.70 352	PKIKP	PKIKP	19 39 24.7 +6.0
W18A	Petrified Fore	108.71 1	PKIKP	PKIKP	19 39 18.6 -0.3
Y37A	Hugo	108.74 348	PKIKP	PKIKP	19 39 23.2 +4.5
GMRC	Granite Mounta	108.78 6	PKIKP	PKIKP	19 39 20.3 +1.3
X32A	Elmer	108.82 351	PKIKP	PKIKP	19 39 21.9 +3.0
ANMO	Albuquerque	108.84 358	eP	Pdif	19 35 18.9 +3.4
ANMO	Albuquerque	108.84 358	ePdif	Pdif	19 35 18.9 +3.4
ANMO	Albuquerque	108.84 358	ePdif	PKIKP	19 50 42.3
X30A	Durant	108.92 349	PKIKP	PKIKP	19 39 26.6 +7.6
Y36A	Coker Ranch, T	109.07 353	PKIKP	PKIKP	19 39 25.2 +6.0
X28A	Dimmitt	109.02 354	PKIKP	PKIKP	19 39 22.2 +2.9
Y35A					

17d 19h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LAKA, DRO, KALE, PLG, AXAR, KLV, DESF, AMT, XOR, GUR, PAIG, LKR, MOA, WTTA, WTTA, CONA, CONA, SBF, SBF, WATA, WATA, ITM, PVL, VLX, MRKA, AOS, VIL2, LMR, LMR, DAVA, DAVA, DIDY, KRANI, NAIG, MBDF, MBDF, VLY, LPGA, LPGA, LPL, LPL, KHC, KHC, SMRF, SMRF, ORIF, ORIF, ORIF, ORIF, CABF, CABF, HINF, HINF, HINF, HINF, CDF, CDF, HAU, HAU, HAU, HAU, SMF, SMF, SMF, SMF, PAGF, PAGF, LOR, LOR, AVF, AVF, AVF, AVF, GIVF, GIVF, GIVF, GIVF, MASI.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MASI, KSI, KSI, MNAI, MNSI, LHSI, MDSI, KASI, PSI, H0S2S, H0S3S, H01W2, H01W1, WRA, ASAR, TXAR, KZV, TUMR, TUMR, KOZ, KOZ, MKZ, MKZ, MKZ, KLY, KLY, SRDR, SRDR, ESO, ESO, ESO, KII, KII, KBT, KBT, KBT, GNL, GNL, SPN, SPN, SPN, NLC, NLC, NLC, SDR, SDR, KRER, KRER, SMAR, SMAR, AVH, AVH, KOK, KOK, UGL, UGL, PET, PET, PET, RUS, RUS, RUS, IDC, BUJ, KLM, MOS, ISCJB, NEIC, NEIC, AUST, DJA, ISC, ISC, ISC, Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MASI, KSI, MNAI, MNSI, LHSI, MDSI, KASI, PSI, H0S2S, H0S3S, H01W2, H01W1, WRA, ASAR, TXAR, KZV, TUMR, TUMR, KOZ, KOZ, MKZ, MKZ, MKZ, KLY, KLY, SRDR, SRDR, ESO, ESO, ESO, KII, KII, KBT, KBT, KBT, GNL, GNL, SPN, SPN, SPN, NLC, NLC, NLC, SDR, SDR, KRER, KRER, SMAR, SMAR, AVH, AVH, KOK, KOK, UGL, UGL, PET, PET, PET, RUS, RUS, RUS, IDC, BUJ, KLM, MOS, ISCJB, NEIC, NEIC, AUST, DJA, ISC, ISC, ISC, Code, Station Name, Az, Phase ID, Time, Res.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TOLI, SNPH, MSLP, APSI, NLAI, OCLP, MPSI, GUIM, MYLDM, MYLDM, PALU, FAKI, FAKI, FAKI, FAKI, I39PW, KDI, RCP, TSM, TTSI, SDKM, KDM, SPSI, KKM, KKM, KAP, BSSI, MMRI, MMRI, BBI, BBI, BATI, BATI, SBUM, GENU, SZP, JAY, TWSI, PBKI, SRBI, KSM, KSM, IGBI, MTN, KDU, BLJI, KNRA, SMRI, SMRI, TWG, UGM, YULB, TPUB, GUMO, GUMO, GUMO, FITZ, FITZ, LEM, QIZ, QIZ, QZ, QZ, MYKOM, MYKOM, JOW, BTDF, PMG, PMG, PMG, PMG, WRAB, WRAB, WRAB, WRAB, WRA, WRA, WR9, FRIM, IPM, IPM, MBWA, CHBT, CHBT, BKN, BKN, SKNT, KULM, KHON, KHON, NONG, NONG, QIS, SRI, SRI, CBJ, CBJ, CBJ, KRAB, PSI.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KSRS Korea Array, SONM Songoing Array, ZALV Zalesovo Beam, etc.

IDC 17 20:47:34.3: 1.1, 34.08S:72.44W, h0km, mb3.6/3, mb1 3.7/5, mb1mx3.6/27, mbtmp3.5/5, ML3.2/2, Error ellipse: s-maj=38.5km s-min=30.2km az=88.0

ISCJB 17 20:47:36.3: 1.7, 34.00S:0.04E:72.38W, h0km, h18km, 11km, mb3.5/3, Error ellipse: s-maj=11.0km s-min=5.9km az=20.0

GUC 17 20:47:37.0: 0.4, 34.01S:72.32W, h33km, 2km, ML3.9

ISC 17 20:47:36.5: 3.6, 34.03S:0.05E:72.31W, h0.09, h12km, 22km, n18, e0564/26, mb3.9/4, Near coast of Central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NICH Los Niches, RCDM Rinconada Maip, CHCH Chadas Angostu, etc.

IDC 17 20:50:13.3: 1.1, 34.10S:72.26W, h0km, mb3.8/4, mb1 3.9/5, mb1mx3.7/25, mbtmp3.7/5, ML3.0/2, Error ellipse: s-maj=41.3km s-min=25.8km az=85.0

ISCJB 17 20:50:15.7: 1.6, 34.01S:0.05E:72.43W, h0km, h24km, 11km, mb3.7/4, Error ellipse: s-maj=10.2km s-min=7.0km az=26.2

GUC 17 20:50:16.0: 8.0, 34.02S:72.34W, h33km, 2km, ML3.9

ISC 17 20:50:14.8: 2.1, 34.04S:0.06E:72.31W, h3.09, h9km, 12km, n20, e0564/26, mb3.9/4, Near coast of Central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LNV Longovilo, TACH Talagante, NICH Los Niches, etc.

IDC 17 20:56:24.9: 2.1, 37.4N:126.89E, h0km, mb3.3/3, mb1 3.5/3, mb1mx3.2/40, mbtmp3.3/5, Error ellipse: s-maj=165.7km s-min=25.6km az=66.0, Talaud Islands

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

IDC 17 21:06:02.6: 2.2, 11.95N:92.10E, h0km, mb3.3/4, mb1 3.4/5, mb1mx3.2/45, mbtmp3.3/5, ML3.5/1, Error ellipse: s-maj=64.9km s-min=24.4km az=69.0, Andaman Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, H08S3 Diego Garcia H, H08S2 Diego Garcia H, etc.

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

PGC 17 21:10:07.8: 0.1, 62.39N:124.56W, h5km, ML3.3/21, 185km West of Fort Simpson, Nt Northwest Territories, Canada, Northwest Territories

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like FNBB Fort Nelson, YKRI Yellowknife Ar, YKRI Yellowknife Ar, etc.

NIED 17 21:13:00.39: 10N:140.90E, h5km, Mw3.7 Best double couple: M4.38000:1014 NP1:142.00000:854.00000, lambda11.00000, NP2:96.4600000:881.00000:lambda1.00000

ISCJB 17 21:13:27.0: 4.39: 12N:0.03:140.99E:0.05, h16km, mb3.6/6, Error ellipse: s-maj=5.2km s-min=4.4km az=177.8

JMA 17 21:13:27.6: 39:09N:140:93E, h6km, 1km, M3.5 Broadband fault plane solution: P waves. NP1: 6:38:00000:381.00000:lambda123.00000, NP2: 6:42:00000:335.00000:lambda16.00000: Principal axes: T P1g4.0000: Azm341.0000: N P1g33.0000: Azm212.0000: P P1g28.0000: Azm102.0000:

JMA Fell I J1. IDC 17 21:13:32.0: 2.4, 39:11N:140:95E, h46km, 23km, mb3.6/4, mb1 3.6/10, mb1mx3.3/49, mbtmp3.6/10, ML3.0/4 Error ellipse: s-maj=24.2km s-min=19.0km az=88.0

ISC 17 21:13:28.2: 0.7, 39:10N:0.03:141.03E:0.04, h16km, n23, e1722/23, mb3.6/6, 3C-3D, Eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like JMK Ichinoseki, JRG Rokugo, JOU Ohasama, etc.

IDC 17 21:15:21.7: 3.2, 17.37N:146.09E, h95km, 30km, mb3.3/8, mb1 3.6/9, mb1mx3.3/46, mbtmp3.7/9, Error ellipse: s-maj=25.7km s-min=19.8km az=81.0, Mariana Islands

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

IDC 17 21:17:45.7: 1.0, 11.80N:142.58E, h0km, mb3.8/8, mb1 3.9/9, mb1mx3.6/44, mbtmp3.8/9, ML3.8/1, Error ellipse: s-maj=31.9km s-min=20.1km az=87.0

ISCJB 17 21:17:49.7: 0.7, 11.8N:0.1:142.6E:0.1, h42km, mb3.9/10, Error ellipse: s-maj=19.1km s-min=15.0km az=15.1

NEIC 17 21:17:50.6: 2.2, 11.81N:142.59E, h36km, 24km, mb4.2/2, Error ellipse: s-maj=24.0km s-min=11.4km az=87.0

ISC 17 21:17:51.4: 1.0, 11.83N:0.1:142.6E:0.2, h42km, n12, e047/12, mb4.0/10, South of Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like GUMO Guam, JNU Nakatasu, WRA Warramunga Arr, etc.

ISCJB 17 21:31:26.7: 6.3, 51.52N:0.02:16.05E:0.03, h0km, Error ellipse: s-maj=3.1km s-min=2.0km az=175.5

CSEM 17 21:31:28.6: 0.1, 51.51N:16.03E, h2km, ML3.1/10, Error ellipse: s-maj=3.9km s-min=2.1km az=93.0

VIE 17 21:31:31.8: 0.7, 51.32N:16.11E, h0km, mb2.2/3, ml2.6/4, Error ellipse: s-maj=5.6km s-min=4.2km az=38.0, Suspected Mining induced.

UPP 17 21:31:32.3: 5.7, 51.71N:15.40E, h0km, ML1.7, Suspected Mining induced.

ISC 17 21:31:28.1: 0.8, 51.57N:0.02:16.07E:0.03, h0km, n54, e1821/92, 3C-2D, Poland

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include MOA, LUNU, BLEU, DEL, etc.

ISCJB 17 21:51:04.6-0.5, 9.89S, 0.04:33.66E:0.06, h10km, mb3.6/3, Error ellipse: s-maj=9.0km s-min=4.5km az=17.4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include DODT, ZOMB, LSZ, LSZ, KMBO, etc.

IDC 17 21:56:25.1-2.3, 20.54S:70.16W, h0km, mb3.6/1, mb1 3.8/2, mb1mx3.5/0.5, mbtmp3.7/2, ML3.7/1, Error ellipse: s-maj=95.4km s-min=60.3km az=115.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include PB11, PB01, PB07, etc.

IDC 17 22:03:45.5-1.6, 43.43S:172.43E, h0km, mb3.8/2, mb1 4.1/3, mb1mx3.8/1.8, mbtmp3.9/3, ML3.8/1, Error ellipse: s-maj=47.9km s-min=13.7km az=157.0

ISCJB 17 22:03:46.4-0.4, 43.64S:0.04:172.52E:0.05, h27km, 3km, mb4.0/5, Error ellipse: s-maj=7.8km s-min=4.0km az=145.2

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include CRLZ, MCQUEEN, OXF, etc.

Table with columns: RPZ, Rate Peaks, 1.01 264 Pg, 22 04 06.2 +0.2. Rows include RPZ, RPZ, RPZ, etc.

ISCJB 17 21:51:04.6-0.5, 9.89S, 0.04:33.66E:0.06, h10km, mb3.6/3, Error ellipse: s-maj=9.0km s-min=4.5km az=17.4

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

GUC 17 22:04:57.4-0.6, 33.98S:72.29W, h36km, 27km, ML3.8, 4C-5D, Off coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include U73B, LNV, U65B, etc.

Table with columns: ROCH, TALC, PCH, CLCH, etc. Rows include ROCH, TALC, PCH, CLCH, etc.

AUST 17 22:19:36.8-10.0, 21.42S:173.92W, h0km, 1km, Error ellipse: s-maj=3.1km s-min=1.5km az=324.0

NEIC 17 22:19:40.9-0.2, 21.20S:174.35W, h10km, mb4.9/34, Error ellipse: s-maj=10.0km s-min=6.1km az=137.0

ISCJB 17 22:19:41.4-20.53S:173.46W, h25km, mb5.0/8, mb5.6/4, Ms=5.2/1 Ms7 4.9/1

ISC 17 22:19:43.1-0.4, 21.33S:0.10:174.25W:0.08, h26km, n139, e1917/137, mb4.8/54, MS4.1/4, 12C-9D, Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include NIUE, AFI, AFI, RAR, etc.

17d 23h

Table with columns: YSS, eS, S, Sn, 23 14 50.0, -0.5, NKLL, NKLL, comp=N,30nm,0.5s, AMS, AMS, 23 18 03.0, NKLL, comp=N,900nm,19.0s, AMS, AMS, 23 13 46.6 +0.4, etc.

2010 SEP

Table with columns: eS, S, Sn, 23 16 41.5 +0.3, NKLL, NKLL, comp=N,30nm,0.5s, AMS, AMS, 23 18 58.0, NKLL, comp=N,900nm,19.0s, AMS, AMS, 23 18 58.0, etc.

870

Table with columns: YAK, eS, S, Sn, 23 20 47.3 -1.9, YAK, YAK, YAK, comp=N,279nm,0.9s, pmax, pmax, 23 21 13.7 +2.8, etc.

17d 23h

2010 SEP

872

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like DUG, DUG, DUG, TPNV, TPNV, TPNV, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like AS01, ASAR, ASAR, PV10, H28A, N23A, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like R28A, Q29A, ISRV, R29A, T27A, Q30A, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like Novy Kostel, KNC, BRTR, T35A, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like JCT, 532A, 433A, etc.

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

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Res. Includes stations like CAPV, ROSC, SOCV, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Res. Includes stations like PNIG, TLIG, HTMT, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Res. Includes stations like URLA, ZEV, AYDN, etc.

KVT	Kavak	1.56	69	ePn	Pn	00 27 54.8	-0.3
KVT	Kavak	1.56	69	ePn	Pn	00 27 54.8	-0.3
SERE	Serefikochisa	1.65	195	ePn	Pn	00 27 56.8	+0.3
SERE	Serefikochisa	1.65	195	ePn	Pn	00 27 56.8	+0.3

KRSC 18 00:33:23.5,2.4, 54.933N-165.21E, h69km, 26km, ML3.9, Komandorsky Islands region

Code	Station Name	Δ°	AZ°	Phase ID	ISC Op	Time h m s	Res
KBTR	Krutoberegovo	1.86	314	eP	Pn	00 33 53.5	+0.2
KBTR	Krutoberegovo	1.86	314	eP	Pn	00 34 16.7	+0.8
MKZ	Mys Kozlova	2.05	261	eP	Pn	00 33 57.7	+2.0
MKZ	Mys Kozlova	2.05	261	eP	Pn	00 34 0.0	+3.7
KZV	Kizimen	2.83	276	eP	Pn	00 34 09.9	+3.3
TUMR	Tumrok	3.93	279	eP	Pn	00 34 11.7	+3.9
SPN	Mys Shipunski	2.56	241	eP	Pn	00 34 18.0	+1.6
SPN	Mys Shipunski	2.56	241	eP	Pn	00 34 58.7	+1.5
NLC	Nalytchevo	3.88	245	eP	Pn	00 34 22.9	+2.5
NLC	Nalytchevo	3.88	245	eP	Pn	00 35 07.7	+2.5
SDLR	Sedlovina	4.07	249	eP	Pn	00 34 27.0	+3.6
SDLR	Sedlovina	4.07	249	eP	Pn	00 35 14.1	+4.2
KRMR	Somma	4.12	249	eP	Pn	00 34 27.2	+2.9
KRAM	Koryakskii	4.13	249	eP	Pn	00 34 27.9	+3.5
AVH	Avacha	4.16	249	eP	Pn	00 34 27.9	+3.4
KRX	Arik	4.16	250	eP	Pn	00 34 28.3	+3.6
KOK	Koryaka	4.20	250	eP	Pn	00 34 28.9	+3.7
GNL	Ganally	4.43	257	eP	Pn	00 34 32.4	+4.1
RUS	Russkaya	4.70	241	eP	Pn	00 34 34.9	+3.1

ISCJB 18 00:47:07.3,0.3, 12.572N,0.04,87.93W,0.04, h81km, 2km, mb4.3/34, Error ellipse: s-maj=9.1km s-min=3.0km az=40.9

IDC 18 00:47:07.9,1.6, 12.722N,87.83W, h68km, 16km, mb3.9/11, mb1 4.1/13, mb1mx3.7/4.1, mbtp4.1/13, MS3.3/1, Ms1 3.2/1, ms1mx2.7/2.1, Error ellipse: s-maj=28.4km s-min=10.3km az=47.0

CASC 18 00:47:08.2,2.4, 12.49N,88.01W, h36km, 999km, mb4.3, ML4.3

NEIC 18 00:47:09.7,1.0, 12.63N,87.82W, h84km, 9km, mb4.4/23, MD4.4(SNET), Error ellipse: s-maj=15.8km s-min=6.7km az=50.0

NEIC Feat [I] at La Union, El Salvador. ISC 18 00:47:07.8,0.9, 12.588N,0.06,87.95W,0.06, h70km, 9km, n235, e088/245, mb4.3/34, 2C-1D, Near coast of Nicaragua

Code	Station Name	Δ°	AZ°	Phase ID	ISC Op	Time h m s	Res
CNCH	Conchagua	0.71	101	iP	Pn	00 47 23.3	+0.3
CNCH	Conchagua	0.71	101	iP	Pn	00 47 27.7	+0.7
YSM	San Miguel	0.90	340	eP	Pn	00 47 25.6	+0.1
CAHU	Cacacuati	1.21	348	eP	Pn	00 47 29.7	+0.4
CNGN	Cerro Negro	1.23	93	iP	Pn	00 47 29.5	+0.3
CNGN	Cerro Negro	1.23	93	iP	Pn	00 47 46.4	+0.4
SNVI	San Vicente	1.34	320	eP	Pn	00 47 30.0	-0.3
SNVI	San Vicente	1.34	320	eP	Pn	00 47 47.7	-0.5
COPN	Copaltepe	1.39	106	eP	Pn	00 47 31.6	+0.2
LFRS	El Faro	1.50	314	eP	Pn	00 47 32.4	-0.5
LBR5	Las Brisas	1.57	318	eP	Pn	00 47 33.8	0.0
TGUH	Tequigalpa, Un	1.61	241	iP	Pn	00 47 35.9	+1.6
LFLU	La Fuente	1.62	316	eP	Pn	00 47 34.9	+0.4
SNET	Serv Nac Est T	1.66	312	eP	Pn	00 47 35.0	+0.4
SNET	Serv Nac Est T	1.66	312	eP	Pn	00 47 55.6	-0.1
SNES				AML	AML	00 47 58.4	
BOQS	Boqueron	1.73	312	eP	Pn	00 47 36.3	+0.2
BOQS	Boqueron	1.73	312	eP	Pn	00 47 47.7	+0.2
RTR	El Retiro	2.11	309	eP	Pn	00 47 41.4	+0.3
RBDL	Robledal	2.28	312	eP	Pn	00 47 43.6	+0.3
IXPG	Ixcapac	2.91	303	eP	Pn	00 47 51.9	0.0
MRL	Marmol	3.00	326	eP	Pn	00 47 55.2	+2.1
GB1A	Borinquen Arri	3.05	125	iP	Pn	00 47 54.9	+0.7
BUEV	Buena Vista	3.06	125	iP	Pn	00 47 55.0	+1.0
NBG	Las Nubes	3.07	311	eP	Pn	00 47 57.8	+3.6
GPS2	Hotel Rincón	3.13	125	iP	Pn	00 47 56.5	+1.7
GPS2	Hotel Rincón	3.13	125	iP	Pn	00 48 30.8	-0.3
PCG	Pacaya	3.15	305	eP	Pn	00 47 58.2	+2.9
LIM1	Limalon	3.24	125	iP	Pn	00 47 57.4	+1.2
MESS	Mesas	3.26	124	iP	Pn	00 47 56.5	-0.1
CUI	Cuipitlapa	3.33	125	iP	Pn	00 47 58.9	+1.3
CUI	Cuipitlapa	3.33	125	iP	Pn	00 48 36.0	-0.1
FUG	Fuego 3	3.37	304	eP	Pn	00 48 00.2	+2.0
JTS	Juntas Abangare	3.72	127	eP	Pn	00 48 04.3	+1.5
JTS	Juntas Abangare	3.72	127	eP	Pn	00 48 45.5	+0.1
JAT	Jato	3.98	296	eP	Pn	00 48 07.7	+1.3
CAO	Cobano	4.00	135	eP	Pn	00 48 07.6	+0.9
CAO	Cobano	4.00	135	eP	Pn	00 48 50.7	-1.7
TEIG	Tepech	4.61	358	ePn	Pn	00 48 59.0	+2.9
CMIG	Matias Romero	8.06	305	P	Pn	00 49 02.8	+0.5
CMIG	Matias Romero	8.06	305	P	Pn	00 50 30.2	-1.7
BCIP	Isla Barro Col	8.66	112	ePn	Pn	00 49 10.5	+0.1
933A	Laredo	18.33	326	P	Pn	00 51 18.0	+0.7
833A	Chaparral WMA	18.96	327	P	P	00 51 23.9	+0.4
733A	Divot King Ran	19.23	328	P	Pn	00 51 27.5	-0.5
832A	Faith Ranch, C	19.24	326	P	P	00 51 27.4	-0.7
732A	Laxson Ranch, C	19.59	327	P	P	00 51 30.6	+0.3
633A	Saathoff Ranch	19.77	330	P	P	00 51 32.9	+0.6
436A	Wall Ranch, Ga	19.87	337	P	P	00 51 33.0	-0.3
534A	Blanco	19.92	332	P	P	00 51 34.4	+0.4
337A	Centerville	20.03	340	P	P	00 51 34.4	-0.8
632A	Uvalde	20.12	329	P	P	00 51 35.8	-0.3
533A	Kerrville	20.21	331	P	P	00 51 37.5	+0.4
238A	Jacksonville	20.43	342	P	P	00 51 37.9	-1.4
631A	Perdido Creek	20.45	327	P	P	00 51 39.0	-0.7
434A	Burnet	20.50	334	P	P	00 51 39.3	-0.9
335A	Moody	20.57	336	P	P	00 51 39.9	-0.9
532A	Rockspurs	20.68	329	P	P	00 51 43.0	+0.7
433A	Art	20.81	332	P	P	00 51 44.8	+1.2
JCT	Junction City	20.92	330	P	P	00 51 45.5	+0.2
JCT	Junction City	20.92	330	eP	P	00 51 45.6	+0.8
334A	Lometa	20.94	335	P	P	00 51 45.2	+0.3
138A	Matatall Enter	21.03	343	P	P	00 51 46.2	+0.3
531A	Rockspurs	21.04	328	P	P	00 51 46.4	+0.4
WHTX	Lake Whitney	21.21	337	P	P	00 51 47.1	-0.7
WHTX	Lake Whitney	21.21	337	eP	P	00 51 48.4	+0.7
432A	Menard	21.24	331	P	P	00 51 48.5	+0.2
333A	Richland Sprin	21.25	333	P	P	00 51 48.4	+0.1
136A	Ennis	21.31	340	P	P	00 51 49.1	+0.3
530A	J-C Ranch, Com	21.44	327	P	P	00 51 50.0	-0.3
234A	Clairette	21.48	336	P	P	00 51 50.7	-0.1
431A	Sonora	21.48	329	P	P	00 51 51.5	+0.7
Z38A	Mc Pleasant	21.56	344	P	P	00 51 51.5	0.0
332A	Millersview	21.64	332	P	P	00 51 53.9	+1.5

135A	Vickery Place, baz=22	21.70	338	P	P	00 51 53.9	+0.9
233A	Rising Star baz=22	21.81	334	P	P	00 51 55.2	+0.9
430A	Baggett Ranch, baz=25, SNR=5.7	21.89	328	P	P	00 51 56.1	+1.0
529A	Stev Forest Ra baz=22	21.90	325	P	P	00 51 55.3	0.0
331A	San Angelo	21.91	330	P	P	00 51 55.8	+0.5
134A	White-Moore Ra baz=22	21.96	337	P	P	00 51 55.9	0.0
Y39A	Lockesburg	21.99	346	P	P	00 51 56.4	+0.3
232A	Coleman baz=22, SNR=6.2	22.02	333	P	P	00 51 57.4	+0.8
429A	Davenport Ranch baz=22, SNR=8.6	22.11	327	P	P	00 51 59.2	+1.7
Y38A	Idabel baz=22, SNR=8.6	22.13	345	P	P	00 51 57.8	+0.2
TXAR	Lajitas Array comp=Z, 5.1nm, 0.6s, baz=136, slow=10, SNR=69	22.17	321	P	P	00 51 59.6	+1.4
133A	Hamilton Ranch, baz=22, SNR=11	22.33	335	P	P	00 52 00.3	+0.4
Z35A	Perchaven, San baz=22	22.34	339	P	P	00 52 00.3	+0.4
330A	Mertz	22.35	329	P	P	00 51 59.8	-0.4
231A	Bronte baz=22	22.37	331	P	P	00 51 59.7	-0.7
Y37A	Hugo baz=22	22.42	343	P	P	00 52 00.4	-0.3
MIAR	Mount Ida baz=22, SNR=18	22.46	348	P	P	00 52 01.9	+0.8
MIAR	Mount Ida baz=22, SNR=18	22.46	348	eP	P	00 52 02.0	+0.8
Y36A	Durant baz=23, SNR=18nm, 0.7s	22.54	342	P	P	00 52 02.0	-0.1
Z34A	Collier Ranch, baz=23	22.61	338	P	P	00 52 03.2	+0.3
SWET	Seawnee comp=Z, 1.4nm, 0.7s	22.61	4	eP	P	00 52 03.1	+0.3
ABTX	Abilene, Hawle baz=23	22.65	334	P	P	00 52 03.4	+0.2
Z30A	Stirling City baz=23	22.71	330	P	P	00 52 04.1	+0.2
Y35A	Marietta baz=23, SNR=7.0	22.79	340	P	P	00 52 05.7	+1.0
329A	Wagon Wheel Ra baz=23, SNR=7.0	22.83	328	P	P	00 52 05.5	+0.3
X38A	Whitesboro baz=23	22.86	345	P	P	00 52 05.7	+0.3
X37A	Clayton baz=23	22.93	344	P	P	00 52 06.0	-0.1
CPCT	Cooper Cave baz=23	22.98	7	eP	P	00 52 08.0	+1.4
Y34A	Reagan Ranch, baz=23	23.08	339	P	P	00 52 07.4	-0.2
Z29A	Bryant Ranch, baz=23, SNR=6.9	23.12	329	P	P	00 52 08.9	+0.8
Z32A	Haskell baz=23	23.17	335	P	P	00 52 08.1	-0.4
W38A	Poteau baz=23, SNR=8.7	23.17	346	P	P	00 52 09.1	+0.7
X36A	Stewart Farms, baz=23, SNR=6.0	23.19	342	P	P	00 52 09.6	+1.0
X35A	Drake baz=23	23.22	341	P	P	00 52 08.9	-0.1
130A	Snyder baz=23, SNR=8.6	23.22	331	P	P	00 52 09.6	+0.5
KM5C	Kings Mountain baz=23, SNR=6.0	23.25	14	P	P	00 52 08.6	-0.6
TKL	Tuckaleechee C comp=Z, 1.9nm, 0.9s, baz=151, slow=12, SNR=15	23.29	9	P	P	00 52 10.2	+0.7
Y33A	Hilltop Ranch, baz=24	23.45	337	P	P	00 52 10.7	-0.3
Z31A	Sharp Cattle R baz=24	23.46	334	P	P	00 52 10.8	-0.1
W37A	Quinton baz=24	23.46	344	P	P	00 52 11.1	-0.1
228A	UT Block 9, Go baz=24	23.65	328	P	P	00 52 12.5	-0.5
W36A	Wetumka baz=24	23.68	343	P	P	00 52 13.0	-0.1
129A	Stewart Farms, baz=24, SNR=6.3	23.69	330	P	P	00 52 14.2	+0.9
X34A	Limalon Ranch, M baz=24, SNR=5.1	23.69	339	P	P	00 52 14.2	+0.9
Z30A	Sanderson Ranch baz=24	23.87	332	P	P	00 52 15.0	0.0
X33A	Lawton baz=24, SNR=11	23.87	338	P	P	00 52 15.2	+0.4
W35A	Tecumseh baz=24	23.89	342	P	P	00 52 15.2	+0.2
Y38A	Canehill baz=24, SNR=10	23.91	347	P	P	00 52 16.0	+0.8
128A	Castleberry Fa baz=24	23.99	329	P	P	00 52 15.8	-0.2
Y31A	Rekieta Farm, baz=24	24.06	334	P	P	00 52 16.5	-0.1
X32A	Wichita Mounta baz=24	24.06	337	P	P	00 52 16.3	-0.3
Y37A	Hulbert baz=24, SNR=5.1	24.10	346	P	P	00 52 17.4	+0.5
Z29A	Hungry Hill Ra baz=24	24.12	331	P	P	00 52 16.9	-0.3
WMOK	Wichita Mounta comp=						

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like TALC Talca, SAN Santiago, PCH Pirque, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ASAR Alice Springs, ABKAR Akbulak array, FINES Finess Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like CBX, U73B San Pedro, LNV Longivalo, etc.

ISCJB 18 03:25:58.4 0.5, 51.53N; 161.14E; 0.03, h0km, Error ellipse: s-maj=3.9km s-min=2.5km az=11.7
 CSEM 18 03:26:00.1 0.3, 51.54N; 161.10E, h2km, ML3.3/11, Error ellipse: s-maj=5.6km s-min=3.5km az=5.0
 PRU 18 03:26:01.1, 51.53N; 161.08E, h0km
 VIE 18 03:26:02.8 0.8, 51.37N; 161.34E, h0km, mb2.4/5, m2.9/5, Error ellipse: s-maj=7.0km s-min=5.4km az=38.0, Suspected Mining induced.

ISC 18 03:25:59.3 0.9, 51.50N; 161.00E; 0.03:16:10E; 0.02, h0km, n45, +0569/93, 3C-40, Poland

Code	Station Name	A°	AZ°	Phase	ID	Time Res	ISC	h	m	s	ISC
KSP	Ksiaz	0.77	171	iP	Pg	03 26 14.6	+0.6				
KSP	Ksiaz	0.77	171	iP	Pg	03 26 24.3	+0.3				
KSP	Ksiaz	0.77	171	iP	Pg	03 26 14.6	+0.6				
KSP	Ksiaz	0.77	171	iP	Pg	03 26 24.3	+0.3				
UPC	Upice	1.10	183	eP	Pg	03 26 20.5	+0.2				
UPC	Upice	1.10	183	eP	Pg	03 26 24.2	-0.3				
UPC	Upice	1.10	183	eP	Pg	03 26 20.5	+0.2				
UPC	Upice	1.10	183	eP	Pg	03 26 34.2	-0.3				
DPC	Dobruska-Polom	1.26	173	eP	Pg	03 26 23.3	-0.1				
DPC	Dobruska-Polom	1.26	173	eP	Pg	03 26 38.8	-1.0				
DPC	Dobruska-Polom	1.26	173	eP	Pg	03 26 23.3	-0.1				
DPC	Dobruska-Polom	1.26	173	eP	Pg	03 26 38.8	-1.0				
PVCC	Panska Ves	1.45	222	eP	Pb	03 26 27.5	+0.5				
PVCC	Panska Ves	1.45	222	eP	Pb	03 26 46.5	+0.2				
PVCC	Panska Ves	1.45	222	eP	Pb	03 26 27.5	+0.5				
PVCC	Panska Ves	1.45	222	eP	Pb	03 26 46.5	+0.2				
BRG	Berggishubel	1.54	242	PN	Pn	03 26 27.6	-0.3				
BRG	Berggishubel	1.54	242	PN	Pn	03 26 29.2	+0.5				
BRG	Berggishubel	1.54	242	PN	Pn	03 26 49.1	+0.4				
KRLC	Kraliky	1.59	164	eP	Pn	03 26 28.4	-0.3				
KRLC	Kraliky	1.59	164	eP	Pn	03 26 49.2	-0.8				
KRLC	Kraliky	1.59	164	eP	Pn	03 26 28.4	-0.3				
KRLC	Kraliky	1.59	164	eP	Pn	03 26 49.2	-0.8				
PRA	Prague	1.86	215	eP	Pn	03 26 32.1	-0.3				
PRA	Prague	1.86	215	eP	Pn	03 26 34.4	+0.3				
PRA	Prague	1.86	215	eP	Pn	03 26 32.1	-0.3				
PRA	Prague	1.86	215	eP	Pn	03 26 34.4	+0.3				
PRA	Prague	1.86	215	eP	Pn	03 26 32.1	-0.3				
PRA	Prague	1.86	215	eP	Pn	03 26 34.4	+0.3				
GOPC	GO Pecny, Ondr	1.89	207	eP	Pb	03 26 34.5	0.0				
GOPC	GO Pecny, Ondr	1.89	207	eP	Pb	03 26 59.1	+0.5				
GOPC	GO Pecny, Ondr	1.89	207	eP	Pb	03 26 34.5	0.0				
GOPC	GO Pecny, Ondr	1.89	207	eP	Pb	03 26 59.1	+0.5				
PRU	Pruhonice	1.90	212	eP	Pn	03 26 32.6	-0.2				
PRU	Pruhonice	1.90	212	eP	Pn	03 26 34.0	-0.1				
PRU	Pruhonice	1.90	212	eP	Pn	03 26 32.6	-0.2				
PRU	Pruhonice	1.90	212	eP	Pn	03 26 34.0	-0.1				
CLL	Colim	1.96	262	iP	Pn	03 26 37.0	+0.2				
CLL	Colim	1.96	262	iP	Pn	03 26 40.3					
CLL	Colim	1.96	262	iP	Pn	03 26 37.0	+0.2				
CLL	Colim	1.96	262	iP	Pn	03 26 40.3					
MORC	Moravsky Beroz	2.05	153	eP	Pn	03 26 34.5	-0.5				
MORC	Moravsky Beroz	2.05	153	eP	Pn	03 27 03.6	+0.3				
OKC	Ostrava-Krasne	2.20	143	eP	Pb	03 26 40.1	+0.3				
OKC	Ostrava-Krasne	2.20	143	eP	Pb	03 27 07.5	-0.1				
OKC	Ostrava-Krasne	2.20	143	eP	Pb	03 26 40.1	+0.3				
OKC	Ostrava-Krasne	2.20	143	eP	Pb	03 27 07.5	-0.1				
VRAC	Vranov	2.32	172	eP	Pn	03 26 38.9	+0.2				
VRAC	Vranov	2.32	172	eP	Pn	03 27 11.9	+0.8				
TREC	Trest	2.34	190	eP	Pb	03 26 39.3	+0.3				
TREC	Trest	2.34	190	eP	Pb	03 26 43.1	+0.7				
TREC	Trest	2.34	190	eP	Pb	03 26 39.3	+0.3				
TREC	Trest	2.34	190	eP	Pb	03 26 43.1	+0.7				
NKC	Novy Kostel	2.69	241	eP	Pn	03 26 44.2	+0.5				
NKC	Novy Kostel	2.69	241	eP	Pn	03 26 40.5	+0.5				
NKC	Novy Kostel	2.69	241	eP	Pn	03 26 44.2	+0.5				
NKC	Novy Kostel	2.69	241	eP	Pn	03 26 40.5	+0.5				
NKC	Novy Kostel	2.69	241	eP	Pn	03 27 25.2	-0.2				
NKC	Novy Kostel	2.69	241	eP	Pn	03 26 44.2	+0.5				
NKC	Novy Kostel	2.69	241	eP	Pn	03 26 50.2	-0.5				
NKC	Novy Kostel	2.69	241	eP	Pn	03 27 25.2	-0.2				
OJC	Ojcow	2.72	119	eP	Pg	03 26 51.9	+0.5				
OJC	Ojcow	2.72	119	eP	Pg	03 27 27.5	+0.8				
OJC	Ojcow	2.72	119	eP	Pg	03 26 51.9	+0.5				
OJC	Ojcow	2.72	119	eP	Pg	03 27 27.5	+0.8				
KHC	Kasperske Hory	2.96	214	eP	Pn	03 27 47.4	+0.1				
KHC	Kasperske Hory	2.96	214	eP	Pn	03 26 52.8	0.0				
KHC	Kasperske Hory	2.96	214	eP	Pn	03 27 23.2	-0.4				
KHC	Kasperske Hory	2.96	214	eP	Pn	03 27 32.8	-1.3				
KHC	Kasperske Hory	2.96	214	eP	Pn	03 26 47.4	-0.1				
KHC	Kasperske Hory	2.96	214	eP	Pn	03 27 23.2	-0.4				
KHC	Kasperske Hory	2.96	214	eP	Pn	03 27 32.8	-1.3				
SMOL	Smolenice	3.21	164	eP	Pg	03 27 00.9	+0.2				
SMOL	Smolenice	3.21	164	eP	Pg	03 27 02.2	+0.2				
LANS	Liptovska Anna	3.27	137	eP	Pg	03 27 00.4	-1.5				
LANS	Liptovska Anna	3.27	137	eP	Pg	03 27 42.3	-1.9				
NIE	Niedzica	3.46	128	eP	Pg	03 27 06.5	+0.9				
NIE	Niedzica	3.46	128	eP	Pg	03 27 50.6	+0.2				
BSN	Bornholm Skovb	3.59	349	iP	Pn	03 26 56.1	0.0				
BSN	Bornholm Skovb	3.59	349	iP	Pn	03 27 37.6	-1.5				
CONA	Conrad Observa	3.68	182	iP	Pn	03 26 58.1	+0.6				
CONA	Conrad Observa	3.68	182	iP	Pn	03 27 57.1	-0.4				
CONA	Conrad Observa	3.68	182	iP	Pn	03 26 58.1	+0.6				
CONA	Conrad Observa	3.68	182	iP	Pn	03 27 57.1	-0.4				
MOA	Molin	3.94	198	iP	Pn	03 27 01.5	+0.5				
MOA	Molin	3.94	198	iP	Pn	03 27 01.5	+0.5				
MOA	Molin	3.94	198	iP	Pn	03 27 01.5	+0.5				
MOA	Molin	3.94	198	iP	Pn	03 27 01.5	+0.5				
STHS	Stebnicka Huta	3.95	122	eP	Pg	03 27 15.6	+0.7				
STHS	Stebnicka Huta	3.95	122	eP	Pg	03 28 07.7	+1.7				
STHS	Stebnicka Huta	3.95	122	eP	Pg	03 27 15.6	+0.7				
STHS	Stebnicka Huta	3.95	122	eP	Pg	03 28 07.7	+1.7				
ARSA	Arzberg	4.37	185	iP	Pn	03 27 08.4	+1.5				
ARSA	Arzberg	4.37	185	iP	Pn	03 28 19.0	-0.7				
ARSA	Arzberg	4.37	185	iP	Pn	03 27 08.4	+1.5				
ARSA	Arzberg	4.37	185	iP	Pn	03 28 19.0	-0.7				
ARSA	Arzberg	4.37	185	iP	Pn	03 27 08.4	+1.5				
ARSA	Arzberg	4.37	185	iP	Pn	03 28 19.0	-0.7				
KOLS	Kolonice sedl	4.78	122	eP	Pn	03 27 09.9	-2.6				
KOLS	Kolonice sedl	4.78	122	eP	Pn	03 28 33.3	+0.6				
KOLS	Kolonice sedl	4.78	122	eP	Pn	03 27 09.9	-2.6				
KOLS	Kolonice sedl	4.78	122	eP	Pn	03 28 33.3	+0.6				

λ 170.00000°; NP2: 294.00000°; δ 80.00000°; λ 6.00000°; Principal axes: T 0.7980, P11.0000; Azm158.0000°; N 0.0440, P1g78.0000°; Azm352.0000°; P -0.8420, P1g3.0000; Azm249.0000°; nsta1 refers to body waves, cutoff=40s; nsta2 refers to surface waves, cutoff=50s.
 IDC 18 03:41:15.3 1.7, 5.69S; 148°20'E, h98km, mb4.3/19, mb1.4/23, mb1mx4.4/35, mbmp4.7/23, MS4.3/14, Ms1.4/34, ms1mx4.1/20 Error ellipse: s-maj=15.5km s-min=8.6km az=105.0
 DJA 18 03:41:21.9 0.6, 6°S; 3.14°E; h84km, mb5.1/51, mb4.9/51, mb5.5/21, MLV5.72, MW(MJ)4.9/21, ISC 18 03:41:08.4 0.3, 51.55N; 161.14E; 0.03:14:22E; 0.05, h33km, 1km, h33km; pP-P, n256, +169/300, mb5.0/108, MS4.2/13, 9C-2D,

North Britain region

Code	Station Name	A°	AZ°	Phase	ID	Time Res	ISC	h	m	s	ISC
MANU	Manus Island	3.68	347	P	Pn	03 42 04.4	+1.4				
PMG	Port Moresby	3.88	196	P	Pn	03 42 10.5	+4.8				
PMG	Port Moresby	3.88	196	eP	Pn	03 42 58.3	-4.4				
PMG	Port Moresby	3.88	196	eP	Pn	03 42 08.8	+3.0				
PMG	Port Moresby	3.88	196	eP	Pn	03 42 09.2	+3.5				
PMG	Port Moresby	3.88	196	eP	Pn	03 42 08.8	+				

18d 3h

Table with columns: Station, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like Mudanjiang, Changchun, Chengdu, Lanzhou, etc.

2010 SEP

Table with columns: Station, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like Ulanbaatar, Songjiao Array, Lhasa, etc.

880

Table with columns: Station, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like Cordova Ski Ar, Browne, McKinley, etc.

NEIC 18 03:42:54.9, 2.6, 5.40S; 148.42E, h130km, 24km, mb4.3/4, Error ellipse: s-maj=26.6km s-min=19.5km az=149.0

ISCJB 18 03:42:57.1, 0.8, 5.66S; 0.09, 148.42E, h163km, mb4.2/7, Error ellipse: s-maj=22.2km s-min=10.3km az=19.7

ISC 18 03:42:58.2, 0.9, 5.75S; 0.1, 148.3E, h163km, m14, 173/13, mb4.1/7, New Britain region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like Port Moresby, Tennant Creek, Warramunga Arr, etc.

SKO 18 03:46:20.1, 41.29N-22.76E, h20km, M1.8, ML2.1 CSEM 18 03:46:21.8, 0.2, 41.25N-22.74E, h2km, ML2.3, Error ellipse: s-maj=4.2km s-min=3.4km az=64.0

THE 18 03:46:21.6, 41.28N-22.75E, h5km, ML2.6/9, Error ellipse: s-maj=1.0km s-min=0.4km az=209.0

ISCJB 18 03:46:21.7, 0.4, 41.23N-0.02, h2.75E, h9km, 3km, Error ellipse: s-maj=3.3km s-min=2.8km az=136.8

ATH 18 03:46:21.0, 41.29N-22.75E, h16km, 1km, M0.3, 1/17 BEO 18 03:46:24.5, 0.7, 41.36N-22.65E, h0km, ML2.3/7, Error ellipse: s-maj=3.3km s-min=2.8km az=136.8

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like Valandovo, Erkin-Say, etc.

Table with columns: BRG, comp, station, time, phase, ID, h, m, s, ISC, Res. Includes stations like Novy Kostel, Gralenberg Arr, Collin, etc.

Table with columns: BRG, comp, station, time, phase, ID, h, m, s, ISC, Res. Includes stations like Elison Array, Home, GLMI, etc.

ISC 18 06:11:41.72.0.19181S:66.50E, h0km, mb3.7/8, mb1 3.7/8, mb1mx3.5/60, mbtm3.7/8, Error ellipse: s-maj=66.5km s-min=20.2km az=40.0

ISC 18 06:11:42.2.4.19.9S:0.4:66.5E:0.4, h16km, mb3.7/8, Error ellipse: s-maj=78.8km s-min=29.2km az=42.9

ISC 18 06:11:43.9.2.2.00S:0.4:66.4E:0.4, h16km, n15, c1908/9, mb3.8/8, Mauritius - Reunion region

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

ISC 18 06:15:59.7.0.5.201S:0.1:66.3E:0.1, h10km, mb4.1/20, MS3.9/1, Error ellipse: s-maj=16.1km s-min=15.0km az=174.0

ISC 18 06:15:60.0.0.7.201S:66.30E, h0km, mb3.9/16, mb1 4.1/16, mb1mx3.9/56, mbtm3.9/16, MS3.9/1, Ms1 3.8/1, ms1mx3.2/30, Error ellipse: s-maj=20.3km s-min=19.2km az=172.0

NEIC 18 06:16:01.6.0.3.2016S:66.27E, h10km, mb4.7/5, Error ellipse: s-maj=9.9km s-min=9.5km az=86.0

ISC 18 06:16:01.8.0.6.202S:0.1:66.3E:0.1, h10km, n32, c0812/7, mb4.2/20, Mauritius - Reunion region

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

Table with columns: SNA, Sanae, time, phase, ID, h, m, s, ISC, Res. Includes stations like BRTR Keskin Array B, MKAR Makanchi Array, ABKAR Akbulak array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MEX 18 06:18:12.7.0.7.1625N:90.82W, h14km, 71km, MD3.9, Mexico-Guatemala border region

ISC 18 06:24:39.0.3.5.5446N:86.84E, h0km, mb1 2.7/2, mb1mx2.7/46, mbtm2.7/2, ML2.5/2, Error ellipse: s-maj=32.5km s-min=20.1km az=44.0, Southeastern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like I46RU ZALESOV INFRA 1.29 248 i, ZALV Zalevovo Beam 1.29 248 Pg, etc.

GUC 18 06:26:31.9.0.6.33399S:72.33W, h33km, 10km, ML3.7, ISC 18 06:26:31.7.2.0.34020S:0.04:72.29W:0.10, h13km, 11km, n29, c127/39, 4C-6D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like U73B San Pedro, LNV Longovio, U65B HualaeO, etc.

CHC Chadras Angostu 1.36 87 eP Pn 06 26 56.2 -0.2 ANTU Antupapu 1.45 72 eP Pn 06 26 57.5 -0.1 ANTU Antu 1.45 72 iS S 06 27 16.6 +0.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SAN Santiago, SAN Talca, STL Santa Lucia, etc.

ISC 18 06:29:44.1.1.0.47.70N:156.85E, h12km, mb4.2/3, Error ellipse: s-maj=44.7km s-min=6.6km az=84.1

KRSC 18 06:29:52.7.1.9.4813N:157.54E, h8km, 40km, ML4.3 SKHL 18 06:29:55.7.4.5.4826N:157.16E, h56km, 3km, mb4.4/1

ISC 18 06:29:55.4.8.4813N:155.11E, h0km, mb3.8/8, mb1 3.8/4, mb1mx3.4/37, mbtm3.7/4, ML2.6/1, Error ellipse: s-maj=188.3km s-min=46.7km az=144.0

ISC 18 06:29:57.7.1.8.4813N:156.85E:0.1, h35km, n50, c1839/50, mb3.8/3, East of Kuril Islands

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

Table with columns: PAU, Pauzhetka, time, phase, ID, h, m, s, ISC, Res. Includes stations like PAU Pauzhetka, RUS Russkaya, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like UGLR Ugluyova, AVH Avacha, AVH Avacha, etc.

MEX 18 06:18:12.7.0.7.1625N:90.82W, h14km, 71km, MD3.9, Mexico-Guatemala border region

ISC 18 06:24:39.0.3.5.5446N:86.84E, h0km, mb1 2.7/2, mb1mx2.7/46, mbtm2.7/2, ML2.5/2, Error ellipse: s-maj=32.5km s-min=20.1km az=44.0, Southeastern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like I46RU ZALESOV INFRA 1.29 248 i, ZALV Zalevovo Beam 1.29 248 Pg, etc.

CHC Chadras Angostu 1.36 87 eP Pn 06 26 56.2 -0.2 ANTU Antupapu 1.45 72 eP Pn 06 26 57.5 -0.1 ANTU Antu 1.45 72 iS S 06 27 16.6 +0.1

ISC 18 07:03:26.0.1.2.3548N:76.34E, h0km, mb3.8/5, mb1 3.9/10, mb1mx3.6/11, mbtm3.7/10, ML3.3/5, MS3.0/1, Ms1 2.9/8, ms1mx2.4/28, Error ellipse: s-maj=24.0km s-min=22.2km az=59.0

BJI 18 07:03:28.8.35.42N:76.56E, h11km, ML3.5/4, ISC 18 07:03:27.0.6.3548N:0.05:76.5E:0.1, h10km, n17, c1976/20, mb3.7/5, 2D, Eastern Kashmir

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PDGK Podgogoye, MK31 Makanchi Array, MK31 Makanchi Array, etc.

ISC 18 07:03:28.8.35.42N:76.56E, h11km, ML3.5/4, ISC 18 07:03:27.0.6.3548N:0.05:76.5E:0.1, h10km, n17, c1976/20, mb3.7/5, 2D, Eastern Kashmir

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DLH Dalhouse, SDNR Sundarnagar, SDNR Sundarnagar, etc.

ISC 18 07:03:28.8.35.42N:76.56E, h11km, ML3.5/4, ISC 18 07:03:27.0.6.3548N:0.05:76.5E:0.1, h10km, n17, c1976/20, mb3.7/5, 2D, Eastern Kashmir

ISC 18 07:03:28.8.35.42N:76.56E, h11km, ML3.5/4, ISC 18 07:03:27.0.6.3548N:0.05:76.5E:0.1, h10km, n17, c1976/20, mb3.7/5, 2D, Eastern Kashmir

ISC 18 07:03:28.8.35.42N:76.56E, h11km, ML3.5/4, ISC 18 07:03:27.0.6.3548N:0.05:76.5E:0.1, h10km, n17, c1976/20, mb3.7/5, 2D, Eastern Kashmir

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KSH Kashi, JOSI Joshimat, JOSI Joshimat, etc.

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

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

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

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

Table with columns: ARSA, Arzberg, LUNU, etc. Includes stations like ARSA Arzberg, LUNU Lund, BLSU Blekinge, etc.

Table with columns: YUK, NEM2, JRA, etc. Includes stations like YUK, NEM2 Nemuro 2, JRA Rausu, etc.

WEL 18 12:51.31±0.7, 40.765N:178.34E, h33km, ML3.5/6, 2C, Error ellipse: s-maj=8.2km s-min=3.9km az=90.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Pawanui, Angora Road, Cape Kidnapper, etc.

ICD 18 13:17:05.3+2.2, 30.03'N:51.41'E, h0km, mb4.0/8, mb1.3/9.9, mb1mx3.6/52, mbtmp3.9/9, ML3.3/1, MS3.1/1, Ms1.3/1.1, ms1mx2.3/37, Error ellipse: s-maj=49.0km s-min=23.1km az=152.0

THR 18 13:17:07.8+0.3, 29.95'N:51.94'E, h15km, ML3.5, TEH 18 13:17:07.9, 29.90'N:51.44'E, h13km, ML3.6, CSEM 18 13:17:08.2+0.2, 29.93'N:51.58'E, h10km, ML3.6, Error ellipse: s-maj=14.8km s-min=10.1km az=71.0

ISC 18 13:17:07.4+0.7, 29.92'N:05.51'E, h0km, n41, c138/42, mb3.9/9, Southern Iran

Main table listing stations from IKAZ to YKRB with columns: Code, Station Name, Az, Phase ID, Time, Res.

PGC 18 13:30:57.4+0.0, 65.37'N:133.52'W, h5km, ML3.2/3, 234km Sse of Fort McPherson, Nt Northern Yukon Territory, Canada, Northern Yukon Territory

Table listing stations from DAWY to YKRB with columns: Code, Station Name, Az, Phase ID, Time, Res.

Table listing stations from YKRA to YKBI with columns: Code, Station Name, Az, Phase ID, Time, Res.

ISCJB 18 13:46:38.4+1.0, 26.10'N:103.17'E, h10km, mb3.5/6, MS3.0/1, Error ellipse: s-maj=9.0km s-min=5.3km

ICD 18 13:46:38.4+1.0, 26.10'N:103.17'E, h0km, mb3.5/6, mb1.3/6.7, mb1mx2.4/32, mbtmp3.5/7, ML3.6/1, MS2.9/2, Ms1.3/0.2, ms1mx2.5/27, Error ellipse: s-maj=35.4km s-min=17.3km az=78.0

BUI 18 13:46:40.8, 26.06'N:103.12'E, h13km, ML3.5/13, ISC 18 13:46:40.4+0.8, 25.97'N:108.103'13E:07, h10km, n11, c123/13, mb3.3/6, 1C, Yunnan

Table listing stations from KMI to ARCS with columns: Code, Station Name, Az, Phase ID, Time, Res.

ISCJB 18 13:56:08.5+0.6, 37.21'N:105.28'E, h13km, 5km, Error ellipse: s-maj=8.8km s-min=5.4km az=30.5

DDA 18 13:56:08.7, 37.22'N:28.20'E, h7km, MD2.6, ISK 18 13:56:08.5, 37.22'N:28.27'E, h8km, MD2.5, CSEM 18 13:56:08.0, 37.19'N:28.18'E, h13km, MD2.5, Error ellipse: s-maj=7.5km s-min=4.6km az=34.0

ISC 18 13:56:08.8+1.0, 37.20'N:104.28'E, h11km, 9km, n14, c054/24, Turkey

Table listing stations from YER to AYDB with columns: Code, Station Name, Az, Phase ID, Time, Res.

MEX 18 14:14:27.5+0.5, 17.13'N:101.47'W, h20km, 21km, MD4.1, Near coast of Guerrero

Table listing stations from ZIIG to YAIG with columns: Code, Station Name, Az, Phase ID, Time, Res.

GUC 18 14:23:51.2+0.6, 34.35'S:72.47'W, h40km, 4km, ML3.7, 2C-2D, Near coast of central Chile

Table listing stations from NICH to PEL with columns: Code, Station Name, Az, Phase ID, Time, Res.

BUI 18 14:29:10.2, 17.42'S:178.02'W, h524km, mb4.7/34, mb5.0/28

MOS 18 14:29:13.0+1.0, 17.27'S:178.33'W, h517km, mb4.8/16, Error ellipse: s-maj=11.6km s-min=9.8km az=5.9

ISCJB 18 14:29:13.7+0.6, 17.35'S:178.77'W, h0.0km, h529km, 8km, mb4.8/103, Error ellipse: s-maj=8.4km s-min=5.3km az=143.2

NEIC 18 14:29:15.1+0.2, 17.36'S:178.86'W, mb5.0/57, Error

ellipse: s-maj=8.8km s-min=6.4km az=144.0, AUST 18 14:29:16.6+0.6, 17.34'S:178.77'W, h553km, 11km, Error ellipse: s-maj=8.8km s-min=6.4km az=94.0, IDC 18 14:29:16.3+0.7, 17.39'S:178.89'W, h546km, 7km, mb4.2/24, mb1.4/3.24, mb1mx4.0/36, mbtmp5.1/24, Error ellipse: s-maj=10.8km s-min=9.2km az=124.0, SZGRF 18 14:29:22.7, 17.14'S:178.97'W, h600km, Fiji Islands region, ISC 18 14:29:14.4+0.3, 17.37'S:178.90'W, h500km, 2km, h530km, pP-P, n448, c1250/482, mb4.9/103, 24C-33D, Fiji Islands region

Main table listing stations from MSFV to KNRA with columns: Code, Station Name, Az, Phase ID, Time, Res.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like SWI Sorong, PALU Palau, FITZ Fitzroy Crossi, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like IPM Ipoeh, TTA Talatina, KULM Kulim, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like YAK Yakutsk, SYO Syyow Base, LZH Lanzhou, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Gura Zlata, Grafenberg Arr, Kasperske Hory, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Kizimen, Tumrok, Mys Kozlova, etc.

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

ISCJB 18 14:32:35.7-0.6, 55.13N-0.02-160.27E:0.07, h4km, 5km, Error ellipse: s-maj=6.3km s-min=3.8km az=173.6

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Nikolski High, Okmok Mt. Tuli, Magazine Ridge, etc.

MOS 18 17:58:17.8, 1.49:80N;157.01E, h51km, mb4.5/1, Error ellipse: s-maj=43.3km s-min=8.2km az=82.2

KRSC 18 17:58:17.8, 1.49:80N;157.02E, h51km, mb4.5/1, Error ellipse: s-maj=43.3km s-min=8.2km az=82.2

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Severo-Kuril's, Mutnovka, Ugllovaya, etc.

GUC 18 18:28:44.6, 0.6:3524S;72.48W, h26km, 4km, ML3.7, 5D, Near coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Hualae0, Talca, Linares, etc.

ISCJB 18 18:41:59.1, 0.5:6.68S;147.47E, 0.08:6.93km, mb3.9/14, Error ellipse: s-maj=10.9km s-min=6.6km az=0.3

IDC 18 18:42:00.3, 2.4:6.68S;147.46E, h54km, 24km, mb3.5/10, mb1.3/8/13, mb1mx3.7/32, mbtmp3.9/13, ML4.0, 2, MS3.0/1, Ms1.3/0.1, ms1mx2.5/23, Error ellipse: s-maj=29.1km s-min=14.0km az=106.0

NEIC 18 18:42:01.7, 1.6:6.70S;147.52E, h73km, 17km, mb4.2/5, Error ellipse: s-maj=15.3km s-min=12.6km az=129.0

AUST 18 18:42:09.3, 7.22S;147.15E, h100km, Error ellipse: s-maj=14.0km s-min=10.0km az=113.0

ISC 18 18:42:00.9, 0.6:6.67S;147.53E, h103km, n36, e141/38, mb4.0/14, Eastern New Guinea region

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

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

ISCJB 18 18:44:40.8, 0.5:21.17S;150.05:68.69W, 0.09:1122km, 7km, mb4.0/5, Error ellipse: s-maj=14.0km s-min=7.4km az=174.3

GUC 18 18:44:41.5, 0.5:21.15S;68.93W, h122km, 4km, ML4.4, IDC 18 18:44:42.9, 0.6:21.22S;68.76W, h122km, 6km, mb3.7/5, mb1.3/8/6, mb1mx3.6/24, mbtmp4.1/6, MS2.5/2, Ms1.2/6/2, ms1.8/2.5/19, Error ellipse: s-maj=21.2km s-min=8.9km az=98.0

ISC 18 18:44:42.4, 0.6:21.17S;150.04:68.89W, 0.09:1121km, 5km, n22, e0578/31, mb4.1/5, 7C, Chile-Bolivia border region

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

MNMC Minimini 2.14 342 i/p Pn 18 45 17.4 -0.6

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like La Paz, San Ignacio, Villa Florida, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Haha-jima-NKT, Chichi jima, Ryogami san.

ISCJB 18 18:51:42.7, 0.4:39.19N;102.02:23.30E, 0.03:h22km, 5km, Error ellipse: s-maj=4.4km s-min=4.1km az=7.5

ATH 18 18:51:42.8, 39.19N;123.29E, h19km, 1km, MD2.8/16, CSEM 18 18:51:42.8, 0.1:39.20N;123.26E, h15km, MD2.8, Error ellipse: s-maj=2.9km s-min=2.5km az=104.0

THE 18 18:51:43.4, 39.17N;123.27E, h11km, 2km, ML2.0/4, Error ellipse: s-maj=2.1km s-min=0.4km az=7.0

ISC 18 18:51:43.0, 0.8:39.18N;102.02:23.28E, 0.02:h16km, 5km, n44, e0539/77, Aegean Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Neokhori, Simia, Fytko, Volos, etc.

ISK 18 18:52:53.7, 40.70N;28.01E, h6km, MD2.5, ISCJB 18 18:52:54.1, 0.4:40.70N;28.01E, 0.03:h5km, 6km, Error ellipse: s-maj=5.4km s-min=4.2km az=176.4

CSEM 18 18:52:54.4, 0.1:40.69N;28.01E, h10km, MD2.5, Error ellipse: s-maj=3.6km s-min=2.7km az=171.0

DDA 18 18:52:56.2, 40.81N;28.00E, h7km, MD2.6, ISC 18 18:52:54.5, 1.1:40.72N;28.02:28.00E, 0.02:h6km, 10km, n41, e0594/53, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Edincik, Corlu, Karacabay, etc.

Table with columns: SILT, EDRB, ALN, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Bias, Elevation Bias, Azimuth Standard Deviation, Elevation Standard Deviation, Azimuth Bias Standard Deviation, Elevation Bias Standard Deviation.

BUI 18:54:04.9, 3.025x139.55E, h44km, mb4.7/16, mb5.0/9, Ms5.2/6, Ms7.4/76
IDC 18:54:05.1, 0.7, 2.236S, 139.21E, h0km, mb4.0/11, mb1.4/2/14, mb1mx4.1/27, mbtmp4.1/14, ML4.3/2, MS3.2/4, Ms1.3/2.4, ms1mx2.3/23, Error ellipse: s-maj=26.5km s-min=14.7km az=80.0

Main table for 18d 20h section, listing station names, coordinates, and various parameters for stations like SMP1, GENYEM, JAYAPURA, etc.

Table with columns: LZH, LZH, LZH, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Bias, Elevation Bias, Azimuth Standard Deviation, Elevation Standard Deviation, Azimuth Bias Standard Deviation, Elevation Bias Standard Deviation.

Table listing station names and parameters for stations like SONM, WMQ, MKM1, MKM3, MKAR, etc.

BUI 18:55:37.8, 39.34N, 79.93E, h8km, ML3.3/9
NDC 18:55:49.9, 7.2, 40.87N, 82.53E, h0km, mb3.8, mpv3.4, Error ellipse: s-maj=65.4km s-min=49.6km az=2.0

Table listing station names and parameters for stations like PDGK, PDGK, PDGK, etc.

SJA 18:05:50.0, 0.7, 27.41S, 67.99W, h144km, 10km, MD3.6, Caticaran Province

Table listing station names and parameters for stations like AGUA, AGUA, AGUA, etc.

IDC 18:19:26.2, 4.8, 1.67S, 154.31E, h218km, 57km, mb3.0/4, mb1.3/3.5, mb1mx3.0/26, mbtmp3.6/5, Error ellipse: s-maj=66.4km s-min=40.4km az=88.0, Bougainville -

Table listing station names and parameters for stations like PMG, PMG, WRA, etc.

IDC 18:19:28.0, 2.3, 7.68S, 155.10E, h0km, mb3.8/4, mb1.4/0.4, mb1mx3.6/25, mbtmp3.8/4, Error ellipse: s-maj=102.8km s-min=38.2km az=118.0, Bougainville -

Table listing station names and parameters for stations like WRA, WRA, WRA, etc.

Table with columns: MKAR, MKAR, MKAR, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Bias, Elevation Bias, Azimuth Standard Deviation, Elevation Standard Deviation, Azimuth Bias Standard Deviation, Elevation Bias Standard Deviation.

Table listing station names and parameters for stations like IDC, IDC, IDC, etc.

ISCJB 18:20:16.2, 3.0, 0.3, 58.78S, 0.06, 25.5W, 0.1, h35km, mb4.8/22, MS4.5/11, Error ellipse: s-maj=9.8km s-min=7.4km az=138.2

Table listing station names and parameters for stations like IDC, IDC, IDC, etc.

AWI 18:20:16.2, 8.0, 3.58, 78S, 0.06, 25.5W, 0.1, h35km, mb4.8/22, MS4.5/11, Error ellipse: s-maj=9.8km s-min=7.4km az=138.2

Table listing station names and parameters for stations like HOPE, HOPE, HOPE, etc.

BUI 18:55:37.8, 39.34N, 79.93E, h8km, ML3.3/9
NDC 18:55:49.9, 7.2, 40.87N, 82.53E, h0km, mb3.8, mpv3.4, Error ellipse: s-maj=65.4km s-min=49.6km az=2.0

Table listing station names and parameters for stations like MAW, MAW, MAW, etc.

SJA 18:05:50.0, 0.7, 27.41S, 67.99W, h144km, 10km, MD3.6, Caticaran Province

Table listing station names and parameters for stations like LVC, LVC, LVC, etc.

IDC 18:19:26.2, 4.8, 1.67S, 154.31E, h218km, 57km, mb3.0/4, mb1.3/3.5, mb1mx3.0/26, mbtmp3.6/5, Error ellipse: s-maj=66.4km s-min=40.4km az=88.0, Bougainville -

Table listing station names and parameters for stations like PMG, PMG, WRA, etc.

IDC 18:19:28.0, 2.3, 7.68S, 155.10E, h0km, mb3.8/4, mb1.4/0.4, mb1mx3.6/25, mbtmp3.8/4, Error ellipse: s-maj=102.8km s-min=38.2km az=118.0, Bougainville -

Table listing station names and parameters for stations like WRA, WRA, WRA, etc.

Table with columns: TXAR, Lajitas Array, 108.84 295, PKIKP, PKIKP, 20 35 50.8 +0.9. Includes stations like MSU Marysvalle, TPNV Topopah Spring, etc.

Table with columns: ASAR, 5.0nm, 0.8s, baz=101, slow=7.4, SNR=32, PcP, PcP, 21 19 17.8 -0.9. Includes stations like WRAB Tennant Creek, WRA Warramunga Arr, etc.

Table with columns: H11N2 WAKE ISLAND Hy 37.72 218, T, T, 22 17 34.2. Includes stations like H11N3 WAKE ISLAND Hy, H11N1 WAKE ISLAND Hy, etc.

GUC 18 20:44:01.1±0.5, 18°19'S-69°85'W, h137km±10km, ML4.1, Northern Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res. Includes stations like MNMC Minimini, PB11 IOPC Station P, etc.

IDC 18 21:09:12.0±0.2, 21°33'S-174°28'W, h0km, mb4.1/8, mb1 4.4/8, mb1mx4.2/20, mbtmp4.1/8, MS3.6/1, Ms1 3.6/1, ms1mx3.0/27, Error ellipse: s-maj=28.8km s-min=23.4km az=119.0

ISCJB 18 21:09:12.2±0.9, 21°33'S-174°1W, 0.2, h30km, mb4.3/11, MS3.5/1, Error ellipse: s-maj=23.0km s-min=12.8km az=26.4

NEIC 18 21:09:12.2±0.9, 21°41'S-174°30'W, h10km, mb4.6/4, Error ellipse: s-maj=16.2km s-min=10.6km az=125.0

ISC 18 21:09:14.7±0.6, 21°33'S-174°2W, 0.1, h30km, n33, r182/32, mb4.3/11, 3C, Tonga Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res. Includes stations like AFI Afiamalu, AFI Afiamalu, RAR Rarotonga, etc.

IDC 18 21:30:30.1±1.2, 52°74'N-169°85'W, h0km, mb3.9/7, mb1 4.2/8, mb1mx3.7/37, mbtmp3.9/8, ML3.9/1, Error ellipse: s-maj=30.8km s-min=23.4km az=158.0

NEIC 18 21:30:32.6±0.6, 52°74'N-169°60'W, h12km, mb3.8(AEIC), After A7IC

ISC 18 21:30:32.6±1.6, 52°92'N-169°71'W, 0.06, h11km±10km, n38, r097/39, mb3.8/7, Fox Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res. Includes stations like NIKH Nikolski South, OKSO Okmok High, OKWE Okmok W'ng Wal, etc.

ISCJB 18 21:47:42.6±0.6, 6°82'N-070°72'97W, 0.07, h166km, mb3.5/4, Error ellipse: s-maj=13.0km s-min=5.2km az=136.1

FUNV 18 21:47:42.6±0.6, 6°65'N-73°17'W, h156km, MW3.6, IDC 18 21:47:43.2±2.2, 6°72'N-72°99'W, h162km, mb3.3/4, mb1 3.6/5, mb1mx3.2/34, mbtmp3.9/5, Error ellipse: s-maj=30.5km s-min=22.9km az=62.0

ISC 18 21:47:43.4±0.9, 6°78'N-09°72'95W, 0.08, h166km, n20, r098/29, mb3.5/4, 2D, Northern Colombia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res. Includes stations like CAPV Capacho, AICE Springs, ROSC El Rosal, etc.

KRSC 18 21:48:01.9±1.1, 52°75'N-163°33'E, h94km±34km, ML3.6, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res. Includes stations like SPN Mys Shipunski, NKZ Mys Kozlova, MLK Nalytchevo, etc.

NIED 18 21:52:00.4±6.9, 90°N-153°20'E, h50km, Mw4.5, Best double couple: M6.67000-1015 NP1.323.00000, R56.00000, L177.00000, NP2.325.00000, R88.00000, L34.00000

JMA 18 21:52:42.5±0.8, 46°91'N-153°18'E, h30km, M5.3, ISCJB 18 21:52:45.0±3.7, 47°07'N-152°74'E, 0.2, h78km, 3km, mb4.8/229, Error ellipse: s-maj=4.1km s-min=1.9km az=160.7

SKHL 18 21:52:45.6±0.4, 46°91'N-153°03'E, h87km±5km, mb5.7/2, mb5.6/1, Ms4.1/3

NEIC 18 21:52:45.9±0.7, 47°14'N-152°50'E, mb4.9/148, Error ellipse: s-maj=4.8km s-min=2.3km az=164.0

BUI 18 21:52:45.8±0.7, 47°18'N-152°91'E, h95km, mb4.8/50, mb5.0/36, IDC 18 21:52:45.2±0.6, 47°15'N-152°56'E, h59km±4km, mb4.3/27, mb1 4.5/29, mb1mx4.4/37, mbtmp4.6/29, MS3.7/18, Ms1 3.7/18, ms1mx3.5/39, Error ellipse: s-maj=12.9km s-min=9.6km az=145.0

MOS 18 21:52:46.2±1.0, 47°13'N-152°69'E, h82km, mb4.8/57, Error ellipse: s-maj=6.1km s-min=4.8km az=98.2

SZGRF 18 21:52:51.5±4.8, 73°2N-152°42'E, h33km±9.4km, Kuril Islands, Russia

ISC 18 21:52:46.9±0.3, 47°03'N-152°87'E, 0.03, h80km±2km, h79km±1.1, n154, r135/1239, mb4.9/229, 42C-20D, Kuril Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, Res. Includes stations like KUR Kuril'sk, KUR Kuril'sk, KUR Kuril'sk, etc.

Table with columns: Station ID, Name, Frequency, Power, SNR, Azimuth, Elevation, and other parameters. Includes stations like AKTO, F10A, WDC, BSMT, etc.

Table with columns: Station ID, Name, Frequency, Power, SNR, Azimuth, Elevation, and other parameters. Includes stations like R11A, ARVO, DAC, DUG, etc.

Table with columns: Station ID, Name, Frequency, Power, SNR, Azimuth, Elevation, and other parameters. Includes stations like H27A, I26A, B32A, etc.

903

KIV		S	S	22 13 00.0 +0.5
KIV		SS	SS	22 17 36.0 +5.0
KIV		pmax	pmax	
KIV	comp=Z,7.0nm,0.7s			
K344	Kislovodsk Spellman Lake, baz=70	70.49 314 eP	P	22 03 54.3 +1.5
KBZ	Khabaz	70.55 314 P	P	22 03 53.6 +0.7
KBZ	comp=Z,3.4nm,0.6s,baz=115,slow=3.2,SNR=9.3		LR	22 28 18.4
Q26A	Hugo	70.68 53 P	P	22 03 54.8 +0.7
P27A	Ficken Ranch,	70.74 52 P	P	22 03 54.6 +0.1
O28A	Krutsinger Ran	70.77 52 P	P	22 03 54.8 +0.2
ECSD	EROS Data Cent	70.81 46 P	P	22 03 55.1 +0.4
ECSD	EROS Data Cent	70.81 46 eP	P	22 03 55.0 +0.4
L31A	Butterfield Fa	70.83 48 P	P	22 03 55.3 +0.4
N29A	Votaw Ranch, W	70.88 50 P	P	22 03 55.4 +0.2
K32A	Verdigre	70.92 48 P	P	22 03 55.6 +0.3
I34A	Hadley	70.95 45 P	P	22 03 55.7 +0.2
NEY	Neytrino	70.99 313 P	P	22 03 57.0 +1.1
R26A	Arlington	71.16 54 P	P	22 03 57.7 +0.6
N30A	Hueftle Ranch,	71.18 50 P	P	22 03 57.2 +0.2
P28A	Saint Francis	71.18 52 P	P	22 03 57.3 +0.2
AKASG	Malin Array Be	71.22 326 P	P	22 03 55.6 -1.3
AKASG	comp=Z,7.7nm,18.4s,baz=40,slow=38		LR	22 37 54.0
AKASG	Malin Array Be	71.22 326 iP	P	22 03 56.4 -0.6
KIEV	Kiev	71.23 326d iP	P	22 03 56.6 -0.4
KIEV	comp=Z,12nm,0.6s		pmax	
KIEV	Kiev	71.23 326 eP	P	22 03 55.5 -1.6
AK11	Malin Array Si	71.26 326 eP	P	22 03 56.6 -0.6
O29A	AD Ranch, Culb	71.29 51 P	P	22 03 57.9 +0.2
L32A	Elgin	71.38 48 P	P	22 03 58.6 +0.4
T25A	Trinidad	71.45 55 P	P	22 03 59.5 +0.6
T25A	Trinidad	71.45 55 eP	P	22 04 00.4 +1.5
T25A	comp=Z,1.1nm,0.9s			
I35A	Creekview Farm	71.51 45 eP	P	22 04 18.1 +0.1
SPMN	St. Paul	71.52 43 P	P	22 03 58.9 0.0
R27A	Eads	71.53 54 P	P	22 03 59.4 +0.2
S26A	Kim	71.63 54 P	P	22 04 00.1 +0.3
BGNE	Belgrade	71.74 49 P	P	22 04 01.0 +0.7
J35A	Milford	71.77 45 P	P	22 04 00.8 +0.3
LAZ	Ladron	71.81 59 eP	P	22 04 03.3 +2.2
ANMO	Albuquerque	71.83 58c iP	P	22 04 02.8 +1.6
ANMO	comp=Z,8.0nm,0.9s		pmax	
ANMO	Albuquerque	71.83 58 eP	P	22 04 02.7 +1.6
K34A	Le Mars	71.84 46 P	P	22 04 01.5 +0.6
T26A	Comanche Natio	71.88 55 P	P	22 04 01.5 +0.1
S27A	Las Animas	71.90 54 P	P	22 04 01.9 +0.4
P30A	Selden	72.00 51 P	P	22 04 02.0 0.0
Q29A	Oakley	72.08 52 P	P	22 04 03.0 +0.5
K35A	Storm Lake	72.24 46 P	P	22 04 03.5 +0.2
R29A	Marienthal	72.33 52 P	P	22 04 04.5 +0.5
AS01	Alice Springs	72.41 198 eP	P	22 04 05.5 +1.2
ASAR	Alice Springs	72.42 198 P	P	22 04 05.5 +1.1
Q30A	Quinter	72.43 51 P	P	22 04 05.0 +0.5
M34A	Aspy Farms, Fr	72.47 48 P	P	22 04 05.0 +0.3
P31A	Stockton	72.48 51 P	P	22 04 05.2 +0.4
S28A	Manter	72.52 53 P	P	22 04 05.6 +0.4
T28A	Walsh	72.74 54 P	P	22 04 06.4 -0.1
121A	Cookes Peak, D	72.75 61 P	P	22 04 08.0 +1.4
P32A	Huiting Farm,	72.82 50 P	P	22 04 06.8 0.0
Q31A	Ellis	72.85 51 P	P	22 04 08.0 +1.0
U27A	Thompson Grove	72.85 55 P	P	22 04 07.7 +0.6
R30A	Dighton	72.90 52 P	P	22 04 07.7 +0.4
M35A	Neola	72.94 47 P	P	22 04 07.9 +0.4
ISAD	Sadrabad	73.09 299 eP	P	22 04 09.0 +0.2
SCHO	Schefferville	73.11 23 P	P	22 04 08.3 +0.0
SCHO	comp=Z,5.8nm,0.5s,baz=9.5,slow=6.9,SNR=7.0			
SCHO	Schefferville	73.13 23 eP	P	22 04 08.9 +0.7
IZEF	Zefreh	73.20 300 eP	P	22 04 09.1 -0.4
S30A	Montezuma	73.27 53 P	P	22 04 09.7 +0.2
Q32A	Meitler Ranch,	73.30 50 P	P	22 04 09.8 +0.1
R31A	Burdett	73.30 52 P	P	22 04 09.8 +0.2
V27A	Dan Oppiter Fa	73.32 55 P	P	22 04 10.3 +0.3
IKLH	Kolahood	73.34 301 eP	P	22 04 09.8 -0.5
Q34A	Beatrice	73.39 49 P	P	22 04 10.0 -0.2
N35A	Tabor	73.42 47 P	P	22 04 10.0 -0.3
R32A	Long Quarter,	73.64 51 P	P	22 04 11.5 -0.1
Q33A	Connelly Farm,	73.68 50 P	P	22 04 11.5 -0.3
P34A	Walnut Farm, R	73.80 49 P	P	22 04 12.1 -0.4
SCIA	State Center	73.83 45 eP	P	22 04 13.8 +1.1
IRAM	Rameshch	73.95 299 eP	P	22 04 13.1 -0.7
T31A	Randall Ranch,	74.09 52 P	P	22 04 14.4 +0.1
R33A	Olander Ranch,	74.11 51 P	P	22 04 14.8 +0.4
MDO	Dochfour	74.19 347 eP	P	22 04 13.9 -0.6
IPHR	Pirpir	74.20 301 eP	P	22 04 14.0 -1.4
Q34A	Chapman	74.20 50 P	P	22 04 14.8 -0.1
P35A	Duane Minner,	74.22 49 P	P	22 04 14.8 -0.2
KAC	Achnashellach	74.27 348 eP	P	22 04 14.6 -0.3
T32A	Huddler Ranch,	74.44 52 P	P	22 04 16.5 +0.2
KPL	Plockton	74.47 348 eP	P	22 04 15.7 -0.4
KPL	comp=Z,5.8nm,3.2s		AMB	22 04 18.7
KWP	Kalwaria Pacia	74.50 329 eP	P	22 04 16.6 +0.2
KWP	Kalwaria Pacia	74.50 329 eP	P	22 04 16.7 +0.3
U31A	Nine Bar Ranch	74.53 53 P	P	22 04 17.9 +1.0
KSB	Shell Bridge	74.57 348 eP	P	22 04 16.4 -0.2
P36A	Good Intent, A	74.57 48 P	P	22 04 17.1 +0.1

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X28A	Dimmitt	74.58 56 P	P	22 04 18.4 +1.1
AMTX	Amarillo	74.60 55 P	P	22 04 18.3 +0.9
AMTX	Amarillo	74.60 55 eP	P	22 04 18.9 +1.5
AMTX	comp=Z,2.7nm,0.8s			
AMTX	Muleshoe	74.65 57 P	P	22 04 36.8 -1.5
AMTX	Muleshoe	74.65 57 eP	P	22 04 18.2 +0.5
AMTX	Muleshoe	74.65 57 eP	P	22 04 18.9 +1.2
MNTX	Cornudas Mount	74.77 60 P	P	22 04 19.4 +1.2
MNTX	Cornudas Mount	74.77 60 eP	P	22 04 19.5 +1.2
MNTX	Patterson Ranc	74.88 52 P	P	22 04 37.5 -1.8
X29A	Tulia	74.91 56 P	P	22 04 20.1 +0.9
IPAR	Pars	74.95 298 eP	P	22 04 19.4 -0.3
CUKT	Cukurca	74.96 309 eP	P	22 04 19.6 +0.1
V31A	Spring Creek L	74.97 54 P	P	22 04 20.1 +0.6
U32A	Winter Ranch,	74.99 53 P	P	22 04 20.1 +0.6
Y28A	McKinney Farm,	74.99 56 P	P	22 04 20.2 +0.5
OJC	Ojcow	75.00 331 eP	P	22 04 19.2 -0.1
OJC	Ojcow	75.00 331 eP	P	22 04 19.4 +0.1
OJC	comp=Z,14nm,1.1s		pmax	
OJC	Ojcow	75.00 331 eP	P	22 04 19.4 +0.1
S34A	Willow Spring	75.02 50 P	P	22 04 19.7 +0.1
R35A	Empiria Munici	75.03 50 P	P	22 04 19.7 0.0
STHS	Stebnicka Huta	75.19 330 eP	P	22 04 21.3 +0.9
STHS	Stebnicka Huta	75.19 330 eP	P	22 04 21.3 +0.9
STHS	Stebnicka Huta	75.19 330 eP	P	22 04 21.9 -1.7
STHS	Stebnicka Huta	75.19 330 eP	P	22 04 35.8 -5.6
ISRV	Sarvestan	75.24 297 eP	P	22 04 19.7 -1.7
KOLS	Kolonickie sedl	75.24 329 eP	P	22 04 20.5 -0.2
KOLS	Kolonickie sedl	75.24 329 eP	P	22 04 20.5 -0.2
KOLS	Kolonickie sedl	75.24 329 eP	P	22 04 35.5 +1.7
KOLS	Kolonickie sedl	75.24 329 eP	P	22 04 42.2 -8.2
BUR0A	Bucovina Ar. S	75.26 326 iP	P	22 04 20.7 -0.3
BUR0A	Bucovina Array	75.27 326 iP	P	22 04 21.0 0.0
W31A	Holland Ranch,	75.35 54 P	P	22 04 22.0 +0.4
Z28A	Tucker Farm, M	75.36 57 P	P	22 04 22.4 +0.6
X30A	Coker Ranch, T	75.38 55 P	P	22 04 22.0 +0.2
R36A	Gordon, Harris	75.39 49 P	P	22 04 21.8 0.0
U33A	Lingo Farm, Me	75.43 52 P	P	22 04 22.0 0.0
S35A	Otter Creek Ra	75.45 50 P	P	22 04 22.0 -0.1
T34A	McClasky Farm	75.49 51 P	P	22 04 22.1 -0.2
UZH	Uzhgorod	75.49 329 eP	P	22 04 24.8 +2.7
UZH	Niedzica	75.51 330 eP	P	22 04 45.4
NIE	Nie Lake Cedric, C	75.51 330 eP	P	22 04 22.7 +0.5
Q37A	Longview Farm,	75.52 48 P	P	22 04 22.3 -0.1
KSP	Ksiaz	75.58 333 eP	P	22 04 22.8 +0.2
KSP	Ksiaz	75.58 333 eP	P	22 04 22.8 +0.2
TESR	Tescan	75.62 325 iP	P	22 04 22.7 -0.2
IKAZ	Kazeroun	75.72 298 eP	P	22 04 24.4 +0.3
BAN0M	Banah	75.72 293 iP	P	22 04 24.3 +0.5
U34A	Anderson Ranch	75.74 52 P	P	22 04 24.1 +0.3
R37A	McDonald Ranch	75.74 54 P	P	22 04 24.3 +0.4
X31A	Teagarden Farm	75.75 49 P	P	22 04 23.9 +0.1
Z29A	Hungry Hill Ra	75.77 56 P	P	22 04 25.1 +0.9
Y30A	Stafford Cattl	75.78 55 P	P	22 04 25.0 +0.9
W32A	Sentinel	75.78 54 P	P	22 04 24.6 +0.5
V33A	Lossen Ranch,	75.79 53 P	P	22 04 24.4 +0.4
128A	Castleberry Fa	75.79 57 P	P	22 04 25.2 +1.0
S36A	Lake Cedric, C	75.80 50 P	P	22 04 24.0 -0.1
TRPA	Tarpa	75.82 328 iP	P	22 04 24.6 +0.6
TRPA	Tarpa	75.82 328 iP	P	22 04 24.5 +0.6
WLCR	Wetmore	75.83 323 iP	P	22 04 23.6 -0.5
NRDL	Niedersach Rie	75.87 338 eP	P	22 04 23.5 -0.6
OKC	Ostrava-Krasne	75.87 332 eP	P	22 04 24.7 +0.5
OKC	Ostrava-Krasne	75.87 332 eP	P	22 04 24.7 +0.5
T35A	Sooner Cattle	75.92 51 P	P	22 04 24.9 +0.1
UPC	Udice	75.96 333 eP	P	22 04 25.2 +0.4
UPC	Udice	75.96 333 eP	P	22 04 25.2 +0.4
DPG	Dobruska-Polom	76.00 333 eP	P	22 04 25.4 +0.3
DPG	Dobruska-Polom	76.00 333 eP	P	22 04 25.4 +0.3
LANS	Liptovska Anna	76.02 331 eP	P	22 04 25.0 +0.8
LANS	Liptovska Anna	76.02 331 eP	P	22 04 35.5
LANS	Liptovska Anna	76.02 331 eP	P	22 04 26.0 +0.8
LANS	Liptovska Anna	76.02 331 eP	P	22 04 35.5 -1.7
LANS	Liptovska Anna	76.02 331 eP	P	22 04 40.4 -5.8
ARCR	ARCALIA	76.03 327 iP	P	22 04 26.2 +1.0
PETR	Prestasi	76.04 324 iP	P	22 04 26.7 -1.5
ESK	Eskdalemire	76.05 346 eP	P	22 04 25.4 +0.2
ESK	comp=Z,4.8nm,3.3s		AMB	22 04 33.4
Y31A	Rekieta Farm,	76.08 55 P	P	22 04 26.4 +0.7
Z30A	Sanderson Ranch	76.08 56 P	P	22 04 26.7 +0.8
KRLC	Kraliky	76.10 333 eP	P	22 04 25.7 +0.1
KRLC	Kraliky	76.10 333 eP	P	22 04 25.7 +0.1
228A	UT Block 9, Go	76.10 58 P	P	22 04 26.7 +0.7
MORC	Moravsky Berou	76.11 332 eP	P	22 04 26.5 -0.1
MORC	Moravsky Berou	76.11 332 eP	P	22 04 26.5 -0.1
MORC	Moravsky Berou	76.11 332 eP	P	22 04 26.6 +0.9
MORC	Moravsky Berou	76.11 332 eP	P	22 04 25.6 -0.1
CFR	Carcaliu	76.12 323 iP	P	22 04 25.6 -0.1
VR1	Vrincioia	76.12 324 iP	P	22 04 26.2 +0.4
129A	Stewart Farms,	76.14 57 P	P	22 04 26.7 +0.5
CLL	Collim	76.14 335 eP	P	22 04 25.3 -0.5
CLL	comp=Z,12nm,0.6s		pmax	
CLL	Collim			

Table with columns: GRFO, RA, Dec, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various station identifiers like GREN, WET, GEC2, etc.

Table with columns: RETA, RA, Dec, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various station identifiers like VTS, MOTA, 832A, etc.

Table with columns: AXAR, RA, Dec, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, and various station identifiers like AXAR, AXAR, MAKR, etc.

ISCJB 18:21:57.44.9.0.5,39.82N:0.04:27.46E:0.04,h12km, Error
ellipso: s-maj=5.8km s-min=4.2km az=155.1
DDA 18:21:57.44.9.0.5,39.82N:27.46E:h9km,MD2.8
ISK 18:21:57.44.9.0.5,39.81N:27.45E:h9km,MD2.7
CSEM 18:21:57.44.9.0.1,39.81N:27.45E:h8km,MD2.7,Error
ellipso: s-maj=3.1km s-min=2.4km az=158.0
ISC 18:21:57.44.8.0.9,39.81N:0.03:27.46E:0.03,h12km,n32,
c025/240,Turkey
Code Station Name Az AZ Phase ID Time Res

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MBIG Mexicali, CPBX Cerro Prieto, and various QZAX and GANJ entries.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FAKI Fak Fak, MTN Mantion Dam, and various KAP, WRA, and ARS entries.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CING Cingoli, SNTG Esanatoglia, and various FDMO and ARVD entries.

ISCJB 18 22:37:36.2, 0.5, 32.13N, 102.115:21W, 0.4, h2km, 5km, Error ellipse: s-maj=5.3km s-min=3.8km az=178.2

DJA 18 22:42:01.9, 0.9, 5.5S, 6.13E, h10km, M5.1/8, mb5.2/2, mb5.4/2, Mlv5.1/8, Mw(MB)4.8/2

CSEM 18 23:50:42.5, 0.2, 40.90N, 20.04E, h10km, MD3.2, Error ellipse: s-maj=4.8km s-min=3.0km az=85.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H1133 WAKE ISLAND Hy 24.05, H11S1 WAKE ISLAND Hy 24.21, H11S2 WAKE ISLAND Hy 24.22, etc.

DDA 19 02:11:56.4, 38°28'N, 33°42'E, h2km, MD3.2
ISK 19 02:11:56.4, 38°30'N, 33°45'E, h5km, MD3.1
CSEM 19 02:11:57.0, 0.2, 38°31'N, 33°47'E, h5km, MD3.1, Error

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SULF Sultanhani-AKS, CHBY Cihanbeyli, CHBY Cihanbeyli, etc.

ISCJB 19 02:28:14.2, 0.6, 37°15'N, 0°05'27.78E, 0.04, h13km, Error
ellip: s-maj=6.9km s-min=4.5km az=164.6
DDA 19 02:28:14.8, 37°24'N, 27°71'E, h7km, MD2.6

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BDRM Kayabasi, YER Yerkesik, BODT Bodrum, etc.

AYDB Zeytinokoy-Aydi 0.79 5 ePg Pb 02 28 29.9 +0.1
KULA Kula-Manisa 1.52 26 ePn Pg 02 28 43.0 -0.2
KULA Kula-Manisa 1.52 26 ePn Pg 02 28 43.0 -0.2

ISCJB 19 02:31:19.7, 0.7, 40°85'N, 0°04'27.40E, 0.05, h12km, Error
ellip: s-maj=6.6km s-min=4.8km az=18.0
ISK 19 02:31:19.6, 40°86'N, 27°42'E, h9km, MD2.7, Error

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SART Tekirdag, SART Tekirdag, RKY Sarkoy-Tekirda, etc.

IDC 19 03:02:38.0, 1.5, 52°S, 148°12'E, h0km, mb3.9/3,
mb1 4/1.6, mb1mx3/8/27, mbtmp4/0.6, ML3.9/2, MS3.2/1,
MS1 3/2.1, ms1mx2/6/26, Error ellip: s-maj=59.3km

NEIC 19 03:02:43.0, 0.8, 53°03'S, 148°10'E, h35km, mb4.3/3, Error
ellip: s-maj=22.9km s-min=9.9km az=99.0
ISC 19 03:02:42.4, 1.2, 53°35'N, 0°09'148.3E, 0.2, h35km, n15,
c1544/13, mb4.3/5, New Britain region

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

ISC 19 03:09:18.8, 37°52'N, 38°57'E, h9km, MD2.7
CSEM 19 03:09:19.3, 0.7, 37°43'N, 38°62'E, h10km, MD2.7, Error
ellip: s-maj=17.8km s-min=11.4km az=176.0

ISCJB 19 03:09:20.3, 0.7, 37°50'N, 0°05'38.66E, 0.05, h9km, Error
ellip: s-maj=7.1km s-min=5.3km az=178.1
DDA 19 03:09:20.6, 37°44'N, 38°57'E, h7km, MD2.7

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

ISCJB 19 03:13:45.4, 0.4, 32°16'N, 0°03'115°16W, 0.03, h19km, 6km,
Error ellip: s-maj=4.8km s-min=4.3km az=2.0
NEIC 19 03:13:46.6, 32°14'N, 115°17'W, h7km, ML2.8(PAS),
ML3.0(ECC), After ETC.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MBIG Mexicali, MBIG Mexicali, CPBX Cerro Prieto, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like COA Coachella, WESC Westside Schoo, YUH Yuha Desert, etc.

IGQ 19 03:40:26.0, 4, 2, 86S, 77°58'W, h6km, 129km, Mb4.1, 4D,
Error ellip: s-maj=9.4km s-min=5.2km az=27.6,
Peru-Ecuador border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BPAT Tungurahua Vol, BPAT Tungurahua Vol, BMAS Trigal station, etc.

ISCJB 19 03:51:43.2, 0.7, 24°08'S, 0°05'67°54W, 0.06, h150km,
mb4.0/2, Error ellip: s-maj=8.4km s-min=6.4km az=38.8
IDC 19 03:51:43.5, 1.2, 24°22'S, 67°48'W, h14km, 16km, mb3.9/2,
mb1 3/7.4, mb1mx3/3/25, mbtmp4/2/4, Error ellip:
s-maj=24.0km s-min=14.3km az=88.0

NEIC 19 03:51:44.3, 1.0, 24°13'S, 67°41'W, h151km, 12km, mb4.2/1,
Error ellip: s-maj=22.1km s-min=11.8km az=105.0
GUC 19 03:51:47.1, 1.0, 3, 23, 82S, 68°17'W, h208km, 7km, ML4.3
ISC 19 03:51:43.7, 0.8, 24°16'S, 0°06'67°57W, 0.08, h150km, n16,
c1870/23, 1C, Chile-Argentina border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LVC Limon Verde, LVC Limon Verde, PB06 IPOC Station P, etc.

ISCJB 19 04:12:36.8, 0.4, 36°45'N, 0°03'71°07E, 0.06, h200km,
mb3.4/14, Error ellip: s-maj=6.7km s-min=3.6km
az=155.6
IDC 19 04:12:39.2, 4.2, 36°47'N, 71°38'E, h228km, 26km, mb3.3/14,
mb1 3/4.20, mb1mx3/2/39, mbtmp3/9/20, Error ellip:
s-maj=20.2km s-min=13.4km az=19.0

NINC 19 04:12:44.5, 1.5, 36°35'N, 71°15'E, h211km, 12km, mb3.0,
mp4.2, Error ellip: s-maj=14.9km s-min=6.6km
az=158.0
ISC 19 04:12:37.7, 0.6, 36°47'N, 71°26E, 0.06, h200km, n51,
c1866/56, mb3.5/14, 9C-6D, Afghanistan-Tajikistan
border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DZET Dzhernoy, DZET Dzhernoy, SFK Sufi-Kurgan, etc.

Table with columns: AAK, 52nm, 0.8s, 6.64 21 P, Sn, 04 15 28.7 -0.5, etc. Lists various stations and their associated data.

Table with columns: WEL, 19 04:20:57.0..1.43, 455x172.14E, h5km, ML2.8/6, 1C-2D, Error ellipse: s-maj=0.6km s-min=0.4km az=90.0, South Island

Table with columns: ISCB, 19 04:41:31.2..0.7, 36.36N, 0103:28.70E, 0.03, h8km, 4km, Error ellipse: s-maj=4.6km s-min=4.1km az=138.4

Table with columns: GOLH, 1.29 279 ePN, Sn, 04 42 07.1 +0.5, etc. Lists stations like NIS1, NIS2, DNZL, etc.

IDC 19 04:42:35.5..0.6, 16:65S, 173:67W, h0km, mb4.12, mb1.4/4/13, mb1mx4.3/31, mbmp4.2/13, ML3.9/1, MS3.6/5, Ms1 3.6/5, ms1mx3.2/26, Error ellipse: s-maj=28.8km s-min=16.2km az=127.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists stations like AF1, AF2, etc.

Table with columns: WAKE ISLAND, Hy 39.91 330 T, T, 05 32 28.8, etc. Lists stations like H11S2, H11S3, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists stations like KAPPA, MJAR, KKM, etc.

Table with columns: CLL, Collm, 145.00 353 ePKPbc, PKPdf, 05 02 14.6 +0.3, etc. Lists stations like STHS, KOLS, BRG, etc.

SJA 19 04:53:56.3..1.0, 31:52S, 68:76W, h108km, 5km, ML3.4, MW4.0, San Juan Province

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

TIF 19 04:54:02.0, 42:99N, 46:94E, h17km, MOS 19 04:54:02.9, 1.3, 42:82N, 46:98E, h3km, mb4.2/1, Error ellipse: s-maj=6.9km s-min=5.3km az=42.0

CSEM 19 04:54:03.0, 42:84N, 47:15E, h10km, mb4.2, Error ellipse: s-maj=6.8km s-min=4.5km az=43.0

ISC 19 04:54:02.6..0.9, 42:84N, 02:46.94E, 0.02, h4km, 6km, n70, r114/104.8C-2D, Eastern Caucasus

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, etc. Lists stations like KRN, KNR, BUJ, etc.

Table with columns: YOA, Uoyan, 1.01 48 ePG, Pg, 05 31 40.9 -1.9, 05 31 53.7, comp=N, 43nm, 0.7s, TLY, Talaya, 5.52 229 ePN, Pn, 05 32 48.3 +2.6, 05 33 03.5 +3.6, 05 33 10.9, NOA, NORFAR Array B, 47.63 319 P, P, 05 40 01.6 +2.4, NOA, comp=N, 1.0nm, 0.5s, comp=N, 4.0um, 0.4s, smax, smax, KONO, Kongsberg, 49.15 319f eP, P, 05 39 59.7 -1.1, KONO, comp=N, 2.47nm, 2.5s, BRTR, Keskin Array B, 51.39 286 LR, LR, 06 04 44.7, GERES, GERES Array B, 55.02 307 LR, LR, 06 07 13.9, WRAB, Tennant Creek, 77.82 157ceP, P, 05 43 16.4 -4.3, WRAB, comp=N, 2.37nm, 1.7s, ASAR, Alice Springs, 81.34 158 P, P, 05 43 43.7 +3.9, TORD, Tordi Ar. Bea, 89.54 293 P, P, 05 44 25.1 +4.0, TORD, comp=N, 0.3nm, 0.9s, baz=33, slow=2.9, SNR=2.9

Table with columns: TLY, Talaya, 5.52 229 ePN, Pn, 05 32 48.3 +2.6, 05 33 03.5 +3.6, 05 33 10.9, NOA, NORFAR Array B, 47.63 319 P, P, 05 40 01.6 +2.4, NOA, comp=N, 1.0nm, 0.5s, comp=N, 4.0um, 0.4s, smax, smax, KONO, Kongsberg, 49.15 319f eP, P, 05 39 59.7 -1.1, KONO, comp=N, 2.47nm, 2.5s, BRTR, Keskin Array B, 51.39 286 LR, LR, 06 04 44.7, GERES, GERES Array B, 55.02 307 LR, LR, 06 07 13.9, WRAB, Tennant Creek, 77.82 157ceP, P, 05 43 16.4 -4.3, WRAB, comp=N, 2.37nm, 1.7s, ASAR, Alice Springs, 81.34 158 P, P, 05 43 43.7 +3.9, TORD, Tordi Ar. Bea, 89.54 293 P, P, 05 44 25.1 +4.0, TORD, comp=N, 0.3nm, 0.9s, baz=33, slow=2.9, SNR=2.9

Table with columns: CASC 19 05:36:02.0:1.9, 13.56N-90.82W, h29km, 8km, MD3.5, ML3.2, Near coast of Guatemala, Code, Station Name, A, AZ, Phase ID, Time, Res, PGC, Pacaya, 0.86 14 eP, Op, ISC, h, m, s, ISC, 05 36 19.0 +0.3, PGC, 05 36 19.0 +0.1, FUG, Fuego 3, 0.89 358 eP, eS, Sn, 05 36 21.7 +0.2, JAT, Jato, 1.10 314 iP, iP, Pn, 05 36 22.3 +0.8, SBL, San Blas, 1.19 76 eP, eP, Pn, 05 36 23.9 +0.4, RBDL, Robledal, 1.23 63 iP, iP, Pn, 05 36 29.2 -0.9, SNET, Serv Nac Est T, 1.54 85 eP, eS, Sn, 05 36 47.1 +0.1, SNET, AML, AML, 05 36 48.6, LFU, La Fuente, 1.67 83 eP, eP, Pn, 05 36 29.6 +0.2, LFU, 05 36 51.8 -1.0, LFRS, El Faro, 1.71 88 iP, iP, Pn, 05 36 30.9 +0.3, LFRS, 05 36 32.1 +1.4, LBRS, Las Brisas, 1.73 84 eP, eP, Pn, 05 36 30.4 +0.1, DDA 19 05:46:40.6, 38.15N-38.60E, h15km, MD2.9, ISK 19 05:46:41.8, 38.34N-38.62E, h9km, MD2.8, CSEM 19 05:46:42.5, 0.4, 38.21N-38.63E, h10km, MD2.9, Error ellipse: s-maj=9.1km s-min=7.0km az=164.0, ISC 19 05:46:41.7, 1.0, 38.18N-0.03, 38.61E, 0.02, h8km, 10km, Code, Station Name, A, AZ, Phase ID, Time, Res, ELZG, Elazig, 0.43 43 iP, Op, ISC, h, m, s, ISC, 05 46 50.2 -0.1, ELZG, 05 46 57.3 -1.2, ELZG, Elazig, 0.43 43 iP, iP, Pn, 05 46 50.2 -0.1, ELZG, 05 46 57.3 -1.2, AKCD, Akcadag, 0.55 282 iP, iP, Pn, 05 46 52.5 +0.1, AKCD, 05 47 00.6 +0.9, AKCD, Akcadag, 0.55 282 iP, iP, Pn, 05 46 52.5 +0.1, AKCD, 05 47 00.6 +0.9, SVRC, Sivrice-ELAZID, 0.58 70 eP, eP, Pn, 05 46 53.0 +0.1, SVRC, Sivrice-ELAZID, 0.58 70 eP, eP, Pn, 05 46 53.0 +0.1, ATAB, Bozova, 0.75 199 iP, iP, Pn, 05 46 55.5 -0.7, ATAB, 05 47 05.2 -0.8, ATAB, Bozova, 0.75 199 iP, iP, Pn, 05 46 55.5 -0.7, ATAB, 05 47 05.2 -0.8, DARE, Darende-Malaty, 0.97 294 eP, eP, Pn, 05 47 05.2 -0.8, DARE, 05 46 59.8 -0.5, DARE, Darende-Malaty, 0.97 294 eP, eP, Pn, 05 47 13.0 +0.1, DARE, 05 46 59.8 -0.5, DARE, Kemalye, 1.09 355 iP, iP, Pn, 05 47 02.0 -0.7, DARE, 05 47 17.7 +0.3, KEMA, Kemalye, 1.09 355 iP, iP, Pn, 05 47 02.0 -0.7, KEMA, 05 47 17.7 +0.3, KEMA, Kemalye, 1.09 355 iP, iP, Pn, 05 47 02.0 -0.7, KEMA, 05 47 17.7 +0.3, DYBB, Diyarbakir, 1.23 100 eP, eP, Pn, 05 47 06.1 +0.8, DYBB, 05 47 06.1 +0.8, DIY, Diyarbakir, 1.31 102 eP, eP, Pn, 05 47 06.1 +0.8, DIY, 05 47 06.1 +0.8, KMRS, Kahramanmaras, 1.51 244 eP, eP, Pn, 05 47 10.9 +0.2, KMRS, 05 47 32.9 +0.7, KMRS, Kahramanmaras, 1.51 244 eP, eP, Pn, 05 47 10.9 +0.2, KMRS, 05 47 32.9 +0.7, HCB, Kahramanmara, 1.58 239 iP, iP, Pn, 05 47 09.9 -0.2, HCB, 05 47 30.9 +0.1, HCB, 05 47 30.9 +0.1, MAZI, Mazidag, 1.62 116 eP, eP, Pn, 05 47 12.1 +0.1, MAZI, 05 47 12.1 +0.1, MAZI, Mazidag, 1.62 116 eP, eP, Pn, 05 47 12.1 +0.1, MAZI, 05 47 12.1 +0.1, SARI, SarD1z-Kayseri, 1.74 278 eP, eP, Pn, 05 47 13.0 +0.6, SARI, 05 47 14.9 0.0, MARD, Mardin, 1.93 116 iP, iP, Pn, 05 47 22.8 +0.8, MARD, 05 47 21.8 +1.7, KOZ, Kozan, 2.31 253 eP, eP, Pn, 05 47 21.8 +1.7, KOZ, 05 47 21.8 +1.7, TAHT, Tahtakopru-Hat, 2.64 228 eP, eP, Pn, 05 47 27.6 -1.7, TAHT, 05 47 27.6 -1.7, TAHT, Tahtakopru-Hat, 2.64 228 eP, eP, Pn, 05 47 27.6 -1.7, TAHT, 05 47 27.6 -1.7, GUC 19 05:53:25.9:0.6, 35.50S-73.46W, h25km, 4km, ML3.6, Off coast of central Chile, Code, Station Name, A, AZ, Phase ID, Time, Res, COCH, Cobquecura, 0.83 140 eP, Op, ISC, h, m, s, ISC, 05 53 41.8 +0.1, COCH, 05 53 53.5 +0.1, COCH, 05 53 54.5, U65B, Hualae0, 1.47 69 eP, eP, Pn, 05 53 51.8 -0.7, U65B, 05 54 11.1 +0.4, U65B, 05 54 20.4, TALC, Talca, 1.49 87 eP, eP, Pn, 05 53 52.4 -0.5, TALC, 05 54 12.4 +0.1, LNCH, Linares, 1.55 104 eP, eP, Pn, 05 53 53.5 -0.5, LNCH, 05 54 13.9 +0.7, NICH, Los Niches, 1.89 75 eP, eP, Pn, 05 53 58.5 -1.2, NICH, 05 54 23.6 +0.7, IS/CJB 19 06:04:43.8:0.5, 26.19S-0.04:28.11E, 0.03, h10km, 3km, mb3.5/2, Error ellipse: s-maj=7.1km s-min=3.8km az=159.4, PRE 19 06:04:44.1, 1.8, 26.27S-28.10E, h2km, ML3.1, IDC 19 06:04:45.9:2.0, 26.20S-27.71E, h0km, mb3.5/2, mb1.3/6.5, mb1mx3.4/33, mbmtpp3.5/5, ML2.4, Error ellipse: s-maj=31.9km s-min=16.7km az=113.0, ISC 19 06:04:43.8:0.5, 26.20S-0.04:28.08E, 0.03, h8km, 5km, n23, r150/41, South Africa, Code, Station Name, A, AZ, Phase ID, Time, Res, OBSV, Observatory, 0.01 354 eP, Op, ISC, h, m, s, ISC, 05 04 45.9 +0.3, OBSV, 05 04 46.5 -0.2, OBSV, 05 04 47.0, OBSV, 05 04 48.8 +0.4, BONON, Benoni, 0.22 79 eP, eP, Pn, 05 04 50.8 -0.7, BONON, 05 04 53.7, BONON, 05 04 53.7, KLOF, Kloof, 0.44 250 eP, eP, Pn, 05 04 54.0 -0.1, KLOF, 05 04 58.9 +0.4, KLOF, 05 05 00.3, WDLM, Western Deep L, 0.63 249 eP, eP, Pn, 05 04 57.3 +0.1, WDLM, 05 05 04.9 -1.3, WDLM, 05 05 05.7, KSR, Koster, 1.11 288 eP, eP, Pn, 05 05 06.9 +1.0, KSR, 05 05 21.9 +0.2, KSR, 05 05 31.5, BFFSD, Buffelsfontein, 1.33 240 eP, eP, Pn, 05 05 09.0 -0.4, BFFSD, 05 05 27.7 +0.9, BFFSD, 05 05 30.0, MOAB, Moab Khotsong, 1.39 235 eP, eP, Pn, 05 05 11.6 +1.1, MOAB, 05 05 27.4 -0.8, MOAB, 05 05 31.2, TLEK, Tau Lekoa, 1.47 239 eP, eP, Pn, 05 05 12.4 +0.4, TLEK, 05 05 32.2 +1.0, TLEK, 05 05 34.8, LBTB, Lobatse, 2.53 297 P, P, Pn, 05 05 22.6 -2.7, LBTB, 05 05 28.2 -1.4, LBTB, 05 05 28.2 -1.4

BTRH Keskin Array B 145.78 320 PKPbc PKPbc 08 39 38.4 0.0
1.1m, 0.7s, baz=78, slow=1.8, SNR=6.0
GERES GERRS Array B 146.38 350 PKPbc PKPbc 08 39 38.7 +0.6
0.5m, 0.6s, baz=20, slow=4.3, SNR=4.5

JMA 19 08:22:22.9 0.3, 24.79N, 122.90E, h137km, ML3, M3.8
TAP 19 08:22:22.6 24.88N, 122.92E, h139km, ML3, M3.9, C
ISCJB 19 08:22:23.0 0.7, 24.78N, 122.94E, 0.02,
h129km, 6km, Error ellipse: s-maj=9.6km s-min=3.0km
az=173.0

ISC 19 08:22:23.4 1.7, 24.78N, 122.94E, 0.03,
h133km, 11km, n32, 0879/56, Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like YOY, YONAGUNI, YJNG, YJNG, HTJ, HATERUMA, etc.

ISCJB 19 08:41:23.9 0.6, 23.98S, 106.6672W, 0.05, h181km,
mb3.7/6, Error ellipse: s-maj=8.5km s-min=5.8km az=25.7
IDC 19 08:41:25.4 1.1, 23.96S, 106.73W, h189km, 9km, mb3.6/6,
mb1 3.7/10, mb1mx3.5/28, mbtmp4.0/10, Error ellipse:
s-maj=16.9km s-min=13.7km az=34.0
GUC 19 08:41:27.4 0.4, 23.75S, 67.41W, h248km, 15km, ML4.5
ISC 19 08:41:24.7 0.7, 23.97S, 106.6675W, 0.07, h181km, n22,
+1916/23, mb3.8/6, 2C, Juijuy Province

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LVC, LVC, PB06, PB06, PB06, etc.

SCHO Schefferville 78.47 360 P P 08 53 05.0 -0.2
comp=E, 4.3m, 0.8s, baz=23, slow=1.9, SNR=2.5
YKA Yellowknife Ar 94.17 340 P P 08 54 21.5 -0.8
comp=E, 1.0m, 0.7s, baz=134, slow=4.5, SNR=7.8
ALICE Alice Springs 128.58 204 PKP PPKPfd 09 00 10.2 -0.7
comp=E, 0.6m, 0.7s, baz=120, slow=1.9, SNR=7.9
WRA Warramunga Arr 131.76 207 PKP PKPfd 09 00 16.0 -0.9
comp=E, 0.3m, 0.3s, baz=153, slow=1.8, SNR=3.7
ZALV Zalesovo Beam 143.26 28 PKP PKP PPKPpre 09 00 35.2 -0.0
comp=E, 1.2m, 0.6s, baz=268, slow=2.8, SNR=4.3
ZALV Zalesovo Beam 143.26 28 PKP PKPbc PKPbc 09 00 35.2 +0.7
comp=E, 0.8m, 0.5s, baz=275, slow=2.6, SNR=4.2
MKAR Makanchi Array 146.36 40 PKPbc PKPbc 09 00 43.8 -0.4
comp=E, 1.4m, 0.5s, baz=310, slow=3.3, SNR=1.7
SONM Songoing Array 155.56 11 PKPab PKPab 09 01 23.4 -0.1
comp=E, 0.3m, 0.5s, baz=7.1, slow=4.6, SNR=2.0

ISK 19 08:46:49.6 37.43N, 28.33E, h5km, MD2.8
ISCJB 19 08:46:51.0 0.7, 37.34N, 28.37E, 0.05, h0km, Error
ellipse: s-maj=7.5km s-min=5.4km az=40.7
CSEM 19 08:46:53.0 0.3, 37.21N, 28.27E, h1km, MD2.8, Error
ellipse: s-maj=11.7km s-min=7.2km az=35.0, Mining
explosion.

DDA 19 08:46:53.4 37.23N, 28.28E, h7km, MD2.6
ISC 19 08:46:51.7 0.9, 37.35N, 28.37E, 0.03, h0km, n20,
+1503/26, Turkey

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

ISCJB 19 08:49:01.8 0.4, 37.21N, 28.19E, 0.03, h0km, Error
ellipse: s-maj=4.5km s-min=3.2km az=34.6
DDA 19 08:49:01.6 37.21N, 28.18E, h7km, MD2.8
ISK 19 08:49:01.1 37.24N, 28.19E, h10km, MD2.6
CSEM 19 08:49:02.0 0.2, 37.22N, 28.19E, h1km, MD2.6, Error
ellipse: s-maj=5.6km s-min=4.3km az=37.0, Mining
explosion.

ISC 19 08:49:01.8 0.9, 37.25N, 28.19E, 0.02, h0km, n27,
+056/41, Turkey

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

ISCJB 19 08:58:15.6 0.5, 20.23N, 102.104, 95E, 0.02, h3km, 5km,
mb3.5/4, MS3.3/2, Error ellipse: s-maj=4.1km s-min=3.1km
az=158.7
IDC 19 08:58:16.1 1.3, 20.01N, 104.96E, h0km, mb3.5/4,
mb1 3.6/5, mb1mx3.3/45, mbtmp3.5/5, ML4.2/1, MS3.3/2,
Ms1 3.3/2, ms1mx2.7/30, Error ellipse: s-maj=24.6km
s-min=20.4km az=20.0
PLV 19 08:58:17.0 1.9, 20.22N, 104.94E, h4km, 15km, MD3.8,
ML4.2
NEIC 19 08:58:17.9 0.7, 20.23N, 105.04E, h10km, mb4.0/1, Error
ellipse: s-maj=21.5km s-min=10.7km az=213.0
ISC 19 08:58:18.0 1.1, 20.22N, 102.104, 97E, 0.03, h14km, 9km,
n30, +1014/47, mb3.6/4, Laos

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

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

ISCJB 19 09:17:31.9 0.3, 0.13N, 0.04, 99.98E, 0.05, h150km,
mb4.1/25, Error ellipse: s-maj=7.4km s-min=3.8km
az=145.9
AUST 19 09:17:32.2 0.7, 0.01S, 100.01E, h175km, Error ellipse:
s-maj=1.8km s-min=0.8km az=235.0
NEIC 19 09:17:33.0 0.6, 0.15N, 100.25E, h166km, 4km, mb4.4/8,
Error ellipse: s-maj=10.7km s-min=6.5km az=51.0
IDC 19 09:17:33.3 1.3, 0.21N, 100.33E, h159km, 10km, mb3.9/20,
mb1 3.9/22, mb1mx3.7/42, mbtmp3.2/22, MS3.1/1,
Ms1 3.3/1, ms1mx2.7/38, Error ellipse: s-maj=17.8km
s-min=9.9km az=54.0
DJA 19 09:17:34.2 0.4, 0.1N, 3.10E, h154km, 8km, M4.6/18,
mb5.1/4, mb5.3/4, MLv4.4/18, Mw(mb)4.7/4
KLM 19 09:17:35.8 0.3, 0.30N, 100.09E, h143km, mb4.4, ML3.8
ISC 19 09:17:32.6 0.4, 0.16N, 100.05, 15E, 0.05, h150km, n91,
+1970/89, mb4.2/25, 2C-3D, Northern Sumatra

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

Table with columns: Station Name, Time, Res, and various codes. Includes stations like KAKADU, WARRAMUNGA ARR, WRA, etc.

SJA 19 09:25:34.6:1.0, 33:57S:70:40W, h128km, 15km, ML2.3, MW2.5

ISCJB 19 09:25:35.3:0.9, 33:53S:0:07:0:56W, 0:10, h102km, 6km, Error ellipse: s-maj=1.6 km s-min=7.3 km az=38.2

GUC 19 09:25:35.8:0.5, 33:60S:70:37W, h91km, 3km, ML3.5

ISC 19 09:25:36.7:1.8, 33:57S:0:07:0:49W, 0:09, h92km, 10km, n19, e072/30, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists various stations like PCH, FSR, ANTU, etc.

ISCJB 19 09:41:24.7:0.3, 10:63N:0:04:141:83E, 0:04, h10km, mb4.6/60, MS3.9/1, Error ellipse: s-maj=6.6km

IDC 19 09:41:25.0:0.5, 10:67N:141:76E, h0km, mb4.4/21, mb1.4/22, mb1mx4.3/43, mb1mx4.2/22, ML4.5/1, MS4.0/1, Ms1.4/0.1, ms1mx3.1/23, Error ellipse: s-maj=19.0km

s-min=13.2km az=87.0

NEIC 19 09:41:25.6:3.5, 10:64N:141:82E, h5km, 21km, mb4.8/37, Error ellipse: s-maj=6.5km s-min=5.6km az=119.0

BUI 19 09:41:26.1, 10:62N:142:03E, h27km, mb4.9/40, MB5.1/30, Ms4.7/26, Ms7.4/4/22

ISC 19 09:41:26.6:0.4, 10:68N:0:06:141:76E, 0:05, h10km, n101, e1948/119, mb4.7/60, 1C, Western Caroline Islands

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

Main table with columns: Station Name, Time, Res, and various codes. Includes stations like MJAR, MATSUHISHO ARR, MJI, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like GTA, WEL, ANWZ, etc.

Table with columns for station ID, name, coordinates, elevation, and other technical details. Includes stations like MAJO Matsushiro, MAT Matsushiro, KAPI Kappang, etc.

Table with columns for station ID, name, coordinates, elevation, and other technical details. Includes stations like LZH comp=Z,360nm,13.1s, LZH comp=Z,420nm,15.4s, etc.

Table with columns for station ID, name, coordinates, elevation, and other technical details. Includes stations like AML Almayashu, EKS2 Erkin-Say, EKS2 Erkin-Say, etc.

CSEM 19 09:54:56.4, 37.03N, 24.34W, h10km, ML3.2

PDA 19 09:54:56.4, 1.3, 37.03N, 24.34W, h10km, MD4.1, ML3.2,

Error ellipse: s-maj=8.4km s-min=5.8km az=86.0,

Azores Islands region

Code Station Name Az AZZ Phase ID Time Res

PSMN Pico do Norte, 0.58 267 i P Pg 09 55 05.8 -2.0

PSMN Pico do Norte, 0.58 267 e S Pg 09 55 13.6 -1.9

PSMA Santa Maria, 0.64 267 i P Pg 09 55 06.5 -2.2

PSMA Santa Maria, 0.64 267 e S Pg 09 55 14.3 -2.8

BART Pico Bartolome, 1.00 318 e P Pg 09 55 11.3 -4.4

BART Pico Bartolome, 1.00 318 e S Pg 09 55 23.6 -5.2

BART Pico Bartolome, 1.00 318 e S Pg 09 55 23.6 -5.2

PDA Ponta Delgada, 1.27 304 e P Pg 09 55 15.3 -5.0

PDA Ponta Delgada, 1.27 304 e S Pg 09 55 29.9 -7.0

PSET Sete Cidades, 1.36 306 e S Pg 09 55 31.9 -7.5

ADH Angra Heroismo, 2.81 306 e S Pg 09 55 37.3 -4.1

ADH Angra Heroismo, 2.81 306 e S Pg 09 55 46.1 -3.7

PMAN Manadas, 3.37 299 e P Pg 09 56 06.9 -8.4

PMAN Manadas, 3.37 299 e S Pg 09 56 20.9 -8.3

PMAN Manadas, 3.37 299 e S Pg 09 55 45.1 -4.9

PPNO Prainha do Nor, 3.43 296 e P Pg 09 56 22.9 -7.9

PPNO Prainha do Nor, 3.43 296 e S Pg 09 55 24.7 -

PPNO Prainha do Nor, 3.43 296 e P Pg 09 55 45.1 -4.9

PPNO Prainha do Nor, 3.43 296 e S Pg 09 56 22.9 -7.9

ROSA Rosais, 3.52 300 e P Pg 09 56 27.7 -8.2

ROSA Rosais, 3.52 300 e S Pg 09 56 26.1 -

ROSA Rosais, 3.52 300 e P Pg 09 55 47.2 -4.0

ROSA Rosais, 3.52 300 e S Pg 09 56 24.7 -8.2

PICO Pico, 3.56 296 e P Pg 09 55 48.1 -3.7

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s-maj=38.0km s-min=22.4km az=111.0

ISC 19 10:14:27.8, 0.9, 5.6S, 0.1, 149.3E, 0.1, h147km, m18,

az=104/19, mb4.0/4, New Britain region

Code Station Name Az AZZ Phase ID Time Res

RABL Rabaul, 3.16 64 P Pn 10 15 17.5 +0.4

PMG Port Moresby, 4.36 209 P Pn 10 15 32.8 0.0

PMG Port Moresby, 4.36 209 P Pn 10 15 32.8 +2.0

CTA Charters Tower, 14.73 191 P Pn 10 17 51.2 -0.1

QIS Mount Isidore, 17.63 211 P Pn 10 18 25.9 +1.4

KDU Kakadu, 18.05 246 P Pn 10 18 27.4 -0.7

MTN Mantion Dam, 19.33 247 P Pn 10 18 41.4 -0.5

WRA Warramunga Arr, 20.40 224 P Pn 10 18 52.5 -0.9

QLR Kullipe, 21.45 193 P Pn 10 19 05.0 +0.5

KNP Kununurra, 22.53 242 P Pn 10 19 16.8 +1.2

ASAR Alice Springs, 23.32 218 P Pn 10 19 22.4 -0.6

CMSA Colbar Meteor, 26.05 187 P Pn 10 19 46.2 -1.3

FITZ Fitzroy Crossi, 26.25 240 P Pn 10 19 48.8 -0.7

FITZ Fitzroy Crossi, 26.25 240 P Pn 10 19 48.5 -1.0

WRKA Warakuma, 27.94 224 P Pn 10 20 03.3 -1.3

MEEK Meekatharra, 35.99 231 P Pn 10 21 14.0 -0.9

PETK Petropavlovsk, 58.89 6.2 P Pn 10 24 12.0 +0.8

VNDA Vanda, 72.21 177 P Pn 10 25 35.5 -0.8

VNDA Vanda, 72.21 177 P Pn 10 25 35.5 -0.8

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VNDA Vanda, 7

Table with columns for station code, name, time, and status. Includes stations like DIGPUR, CMBY, PKDT, etc.

Table with columns for station code, name, time, and status. Includes stations like SRSP, MDSI, KSM, etc.

Table with columns for station code, name, time, and status. Includes stations like NJ2, KSH, BJI, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like ZALV, IANJ, NVS, MDJ, BVAO, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like STHS, STHS, STHS, DIVS, OJC, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like IPM, LOEI, PSI, CHLP, etc.

ISCBJ 19 11:28:00.1±0.4, 11°06N, 0°05:95:17E±0:05, h22km, mb4.2/19, MS3.2/3, Error ellipse: s-maj=8.8km, s-min=4.9km az=37.8

NIED 19 11:51:00, 23°60N, 144°90E, h8km, Mw5.0 Best double couple: M3.36000x-1016 NP13.206, 0.0000, 0.32, 0.0000, -1.58, 0.0000, -NP2:qs112.0000, 0.88, 0.0000, -1.58, 0.0000

s-min=3.3km az=156.0
ISC 19 11:51:54.8-0.3,22.92N,0.004-144.38E,0.04,h39km,3km,
h39km;p-P,n1042,e1912/1047,m5.3/265,M54.8/157,
23C-27D,Volcano Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like JHHJ, CBIJ, GUMO, JHCJ, etc.

Table with columns: Station Name, Time, Res, ISC, and various codes. Includes stations like PVCP, H1S3, KSGAH, H1S1, etc.

Table with columns: Station Name, Time, Res, ISC, and various codes. Includes stations like WHN, WHN, WHN, TYV, etc.

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., pP, sP, PP, S, SS, PMZ).

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., eP, pmax, MLR, LR, P).

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., eP, P, Iamb, PFAKE, LR).

SRSP	comp=Z,43nm,1.2s	61.36 280	eP	P	12 02 07.6 +0.4	TMCR	comp=Z,70nm,0.9s	76.65 338	i/P	P	12 03 41.0 -0.2	MLAC	baz=81,SNR=7.0	81.43 53	P	P	12 04 08.9 +0.6
SRSP	OTU		IAMB	IAMB	12 02 12.6	APA	Apacity		/i	S	12 03 55.2	VSR	baz=81,SNR=8.1	81.44 322	eP	P	12 04 07.4 -0.3
OTUK	OTU	61.44 314	P	P	12 02 07.4 +0.1	APA			/i	S	12 03 22.0 -2.7	VSR	comp=Z,60nm,1.4s		P	P	
OTUK			P	P		APA			/i	SS	12 18 20.0 +0.2	VSR	comp=N,10.0nm,0.7s		P	P	
HYB	comp=Z,26nm,0.8s	61.60 278	i/P	P	12 02 09.0 +0.2	APA	comp=Z,26nm,1.0s			P		VSR	comp=E,10.0nm,0.8s		P	P	
HYBB	Hyderabad (bro)	61.60 278	eP	IAMB	12 02 09.1 +0.2	APA				MLR	12 03 42.7 +0.7	VORD	comp=Z,40nm,1.3s		P	P	
HYBB			IAMB	IAMB	12 02 09.9	APA	comp=Z,500nm,21.0s			MLR	12 03 42.4 +0.2	VORD	comp=N,10.0nm,0.6s		P	P	12 04 06.9 -1.0
MENT	Mentasta	61.62 30	eP	P	12 02 08.3 +0.1	VLL	Laurance Lake	76.67 46	P	P	12 03 42.7 +0.7	VORD	comp=N,10.0nm,0.6s		P	P	
SKHT	Srikalahasti	61.66 274	eP	IAMB	12 02 09.3 +0.1	I04A	Tendick Farm,	76.72 48	P	P	12 03 42.4 +0.2	VORD	comp=N,10.0nm,0.6s		P	P	
SKHT			IAMB	IAMB	12 02 12.1	HUMO	Hull Mountain	76.73 49	eP	P	12 03 43.3 +1.1	VORD	comp=N,10.0nm,0.6s		P	P	
SRLM	Srisaillam	61.68 277	eP	P	12 02 09.3 -0.1	KHMM	Horse Mountain	76.74 51	eP	P	12 03 44.0 +1.6	VORD	comp=E,50nm,1.4s		P	P	
MNAS	Manas	61.79 307	P	P	12 02 10.4 +0.5	ETW	Entiat	76.84 44	P	P	12 03 43.1 +0.2	NVAR	Mina Array Bea	81.52 52	P	P	12 04 09.0 +0.3
MNAS			P	P		VFP	Flag Point	76.86 46	P	P	12 03 43.6 +0.5	BMN	Battle Mountai	81.53 50	eP	P	12 04 09.0 +0.3
RCLA	Racheria	61.82 276	eP	IAMB	12 02 10.4 +0.1	G05D	Wamic, OR	76.99 46	P	P	12 03 44.2 +0.6	BMN			P	P	
RCLA			IAMB	IAMB	12 02 17.2	WTV	Waterville	77.05 44	P	P	12 03 44.0 0.0	BMN	comp=Z,59nm,1.5s	81.53 50	eP	P	12 04 09.0 +0.3
VOSK	Vostochnaya	62.12 319	P	P	12 02 11.5 -0.3	J04D	Umpqua Nationa	77.11 48	P	P	12 03 45.0 +0.4	CHMT	Chamberlain Mo	81.57 43	eP	P	12 04 08.3 -0.5
VOSK			P	P		YBH	Yreka Blue Hor	77.19 50	eP	P	12 03 45.5 +0.6	RCTC	Rector, Farmer	81.63 54	P	P	12 04 09.0 0.0
BVA0	Borovoye Array	62.47 319	i/P	P	12 02 14.1 0.0	YBH			P	P	12 03 45.5 +0.6	PKM	Peak Mountain	81.72 56	P	P	12 04 10.2 +0.3
BVA0			P	P		YBH	comp=Z,29nm,0.9s	77.19 50	eP	P	12 03 45.5 +0.6	KULLO	Kullorsuaq	81.73 6	i/P	P	12 04 09.2 +0.3
BVAR	Borovoye Array	62.47 319	P	P	12 02 14.3 +0.2	M02C	Calahan	77.20 50	P	P	12 03 45.8 +0.8	YES	Vestal, Richgr	81.92 55	P	P	12 04 10.2 -0.4
BVAR			LR	LR	12 30 50.0	B08A	Colville Reser	77.22 43	eP	P	12 03 45.0 +0.1	NCK	Naichik	81.95 314	i/P	P	12 04 10.9 +0.3
EGAK	Eagle	62.89 28	eP	P	12 02 16.2 -0.5	KCPM	Cahto Peak	77.23 52	eP	P	12 03 46.1 +0.9	SBC	Santa Barbara	81.97 56	P	P	12 04 09.9 -1.0
EGAK			LR	LR		KIPM	Iron Peak	77.27 52	eP	P	12 03 46.5 +1.1	TIN	Tinamah	82.10 53	P	P	12 04 12.0 +0.3
PC3A	Pinnacle	63.14 33	eP	P	12 02 18.8 +0.3	I05D	Terrebonne, OR	77.27 47	P	P	12 03 45.7 +0.5	HLID	Hailey	82.20 46	P	P	12 04 12.4 +0.2
PKA	Karatay Array	63.17 308	i/P	P	12 02 19.3 +0.3	IBAF	Bafgh	77.40 299	eP	P	12 03 46.8 +0.5	HLID	Hailey	82.20 46	eP	P	12 04 12.3 +0.2
PKA			P	P		I02D	Trinity Center	77.44 51	eP	P	12 03 47.0 +0.7	HLID			LR	LR	
KKAR	Karatay Array	63.17 308	eP	P	12 02 19.5 +0.5	WBK	Wadi Bani Khal	77.52 289	P	P	12 03 48.2 +1.3	BSC	comp=Z,468nm,21.0s	82.21 57	P	P	12 04 11.7 -0.5
KKAR			P	P		KEV	Kevo	77.56 342	P	P	12 04 00.0 +1.4	KBZ	Khabaz	82.32 314	P	P	12 04 13.0 +0.5
KLRI	Killari	63.19 279	eP	IAMB	12 02 19.7 +0.2	KEV			LR	LR	12 04 00.0 +1.4	KBZ	comp=Z,46nm,0.8s, baz=104,slow=2.6,SNR=82		P	P	12 04 13.0 +0.5
KLRI			IAMB	IAMB	12 02 25.9	K04D	Chiloquin, OR	77.56 49	P	P	12 03 47.6 +0.6	KBZ	comp=Z,294nm,21.0s, baz=61,slow=3.8		LR	LR	12 44 03.8
URV	Uravakonda	63.53 276	eP	IAMB	12 02 21.6 -0.1	WDC	Whiskeytown Da	77.69 51	eP	P	12 03 48.1 +0.5	KBZ	Khabaz	82.32 314	P	P	12 04 13.0 +0.5
URV			IAMB	IAMB	12 02 23.9	WDC			P	P	12 03 48.1 +0.5	KIV	Kislovodsk	82.36 314	eP	P	12 04 13.1 +0.2
DAWY	Dawson	63.62 28	eP	P	12 02 21.7 +0.2	WDC	Whiskeytown Da	77.69 51	eP	P	12 03 48.1 +0.5	KIV			P	P	12 04 13.1 +0.2
DZET	Dzherino	65.08 303	P	P	12 02 32.2 +0.5	J05D	Fort Rock, OR	77.70 48	eP	P	12 03 48.5 +0.7	KIV	comp=Z,44nm,1.0s		P	P	12 04 12.6 +0.1
DZET			P	P		HAWA	Hanford	77.77 45	eP	P	12 03 48.2 +0.3	KIV	comp=Z,44nm,3.8s		MLR	MLR	
KBL	Kabul	65.72 299	eP	P	12 02 36.6 +0.6	HAWA			LR	LR	12 03 48.2 +0.3	KIV	comp=Z,336nm,18.0s	82.36 314	P	P	12 04 13.6 -0.7
KBL			P	P		HAWA	comp=Z,846nm,19.0s		LR	LR	12 03 48.7 +0.4	KIV	Kislovodsk	82.36 314	i/P	P	12 04 13.2 +0.3
KBL	Kabul	65.72 299	eP	P	12 02 36.6 +0.6	M04C	Macdoel	77.78 50	P	P	12 03 49.0 +0.2	KIV	Kislovodsk	82.36 314	i/P	P	12 04 13.6 +0.7
BESE	Bessie Mountai	65.96 34	eP	P	12 02 37.9 +1.0	D08A	Wollman Farm,	77.93 44	eP	P	12 03 49.1 +0.6	KIV	Kislovodsk	82.36 314	i/P	LR	LR
BESE			P	P		ARCES	ARCES Array B	78.12 342	P	P	12 03 50.1 +0.6	ARVC	comp=Z,436nm,21.0s	82.39 55	P	P	12 04 13.0 -0.1
INK	Inuvik	66.01 24	eP	P	12 02 36.6 -0.3	ARCES			LR	LR	12 44 14.2	ARVC	Arvin	82.39 55	P	P	12 04 13.0 -0.1
INK			P	P		K05A	Sumner Lake	78.12 49	eP	P	12 03 51.1 +0.9	ONI	Oni	82.41 313	P	P	12 04 14.1 +0.9
INK	Inuvik	66.01 24	eP	P	12 02 36.6 -0.3	O03D	Paynes Creek	78.32 51	P	P	12 03 51.1 -0.1	ONI	Oni	82.41 313	P	P	12 04 14.0 +0.9
SVE	Sverdlovsk	67.75 324	eP	P	12 02 48.6 +0.4	G08A	Pilot Rock	78.53 46	eP	P	12 03 52.6 +0.3	CWC	Cottonwood Cre	82.45 54	P	P	12 04 13.4 -0.2
SVE			P	P		ISA	Isabella	78.56 47	eP	P	12 03 53.1 +0.4	ISA	ISA	82.45 55	eP	P	12 04 12.9 -0.6
SVE			P	P		ISA	Isabella	78.56 47	eP	P	12 03 53.1 +0.4	ISA	comp=Z,26nm,1.1s	82.45 55	P	P	12 04 13.0 -0.6
URZ	Urevera	68.17 153	LR	LR	12 32 24.1	HOQ	Hogain	78.62 291	P	P	12 03 54.0 +1.0	ISA	Isabella	82.45 55	eP	P	12 04 12.9 -0.6
DLBC	Dease Lake	68.49 34	eP	P	12 02 53.4 +0.4	NEW	Newport	78.63 42	eP	P	12 03 53.0 +0.2	GNI	Garni	82.51 310	eP	P	12 04 12.5 -1.3
DLBC			P	P		NEW			P	P	12 03 53.0 +0.2	GNI			P	P	
ARU	Arti	68.94 324	P	P	12 02 55.8 +0.1	NEW	comp=Z,42nm,0.9s		MLR	MLR	12 03 52.8 0.0	GNI	comp=Z,13nm,1.2s	82.51 310	P	P	12 04 30.0 +1.6
ARU	Arti	68.94 324	i/P	P	12 02 55.4 -0.3	NEW	Newport	78.63 42	P	P	12 03 52.8 0.0	GNI			LR	LR	
ARU	Arti	68.94 324	i/P	P	12 02 20.5	NEW	Newport	78.63 42	P	P	12 03 53.0 +0.2	LRM	Limlin Ridge	82.53 43	eP	P	12 04 13.8 -0.1
ARU	Arti	68.94 324	i/P	P	12 11 58.3 +1.0	NEW	comp=Z,42nm,0.9s		LR	LR	12 03 53.0 +0.2	HRY	Holter Researc	82.54 42	eP	P	12 04 13.8 0.0
ARU	Arti	68.94 324	P	P	12 02 55.4 -0.3	NEW	Newport	78.63 42	P	P	12 03 53.0 +0.2	FINES	FINES Array B	82.56 335	P	P	12 04 12.5 -0.9
ARU	Arti	68.94 324	P	P	12 02 55.0 -0.7	MOD	Modoc	78.82 49	eP	P	12 03 54.0 0.0	FINES	comp=Z,30nm,0.9s		P	P	12 04 12.5 -0.9
ARU	Arti	68.94 324	P	P	12 02 55.0 -0.7	EDM	Edmonton	78.95 37	eP	P	12 03 54.4 0.0	FINES	comp=Z,12nm,0.7s, baz=78,slow=4.7,SNR=65		PP	PP	12 07 21.7 -0.8
ARU	Arti	68.94 324	P	P	12 02 55.0 -0.7	EDM			P	P	12 03 54.4 0.0	FINES	comp=Z,4.4nm,0.9s, baz=81,slow=10,SNR=3.7		LR	LR	12 44 29.0
ARU	Arti	68.94 324	P	P	12 02 55.0 -0.7	EDM	Edmonton	78.95 37	eP	P	12 03 54.4 0.0	FINES	FINES Array B	82.56 335	eP	P	12 04 12.5 -0.9
ARU	Arti	68.94 324	P	P	12 02 55.0 -0.7	EDM	Edmonton	78.95 37	eP	P	12 03 54.4 0.0	FINES			P	P	
ARU	Arti	68.94 324	P	P	12 02 55.0 -0.7	EDM	Edmonton	78.95 37	eP	P	12 03 54.4 0.0	FINES	comp=Z,211nm,19.0s, baz=44,slow=3.8		LR	LR	12 44 29.0
ARU	Arti	68.94 324	P	P	12 02 55.0 -0.7	EDM	Edmonton	78.95 37	eP	P	12 03 54.4 0.0	FINES	FINES Array B	82.56 335	eP	P	12 04 12.5 -0.9
ARU	Arti	68.94 324	P	P	12 02 55.0 -0.7	EDM	Edmonton	78.95 37	eP	P	12 03 54.4 0.0	FINES			P	P	
ARU	Arti	68.94 324	P	P	12 02 55.0 -0.7	EDM	Edmonton	78.95 37	eP	P	12 03 54.4 0.0	FINES	comp=Z,13nm,0.7s	82.60 56	P	P	12 04 13.2 -1.0
ARU	Arti	68.94 324	P	P	12 02 55.0 -0.7	EDM	Edmonton	78.95 37	eP	P	12 03 54.4 0.0	FINES	Laguna Peak	82.60 56	P	P	12 04 13.2 -1.0
ARU	Arti	68.94 324	P	P	12 02 55.0 -0.7	EDM	Edmonton	78.95 37	eP	P	12 03 54.4 0.0	FINES			P	P	
ARU	Arti	68.94 324	P	P	12 02 55.0 -0.7	EDM	Edmonton	78.95 37	eP	P	12 03 54.4 0.0	FINES	Shabestar	82.62 308	eP	P	12 04 14.3 -0.3
ARU	Arti	68.94 324	P	P	1												

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like W33A Caddo, Fort Co, WMOK Wichita, WMOK WMOK, 131A Roby, 429A Davenport Ranc, 529A Stev Forest Ra, R36A Gordon, Harris, 330A Mertzton, 334A Guthrie, T35A Sooner Cattle, X33A Lawton, Z32A Haskell, JFWS Jewell Farm, S36A Lake Cedric, C, 430A Baggett Ranch, 231A Bronte, Y33A Hilltop Ranch, R37A Teagarden Farm, ABTX Abilene, Hawle, ABTX Abilene, Hawle, T36A Boggs Farm, C, 530A J-C Ranch, 331A San Angelo, Z33A Whitaker Ranch, S37A Fort Scott, TIR Tirane, 431A Sonora, 232A Coleman, SCHQ Schefferville, W35A Tecumseh, 133A Hamilton Ranch, Y34A Reagan Ranch, 332A Millersview, T37A Cheneyville 18, 531A Rocksprings, V36A Jenks, 432A Menard, X35A Drake, Z33A Rising Star, JCT Junction City, JCT Junction City, JCT Junction City, JCT Junction City, 631A Perdido Creek, 134A White-Moore Ra, WLF Waifedange, 532A Rocksprings, X36A Centrahoma, 333A Richard Sprin, V37A Hulbert, Z36A Black Forest, U38A Gravette, 433A Art, 632A Uvalde, V38A Canehill, 334A Lometa, Z36A Blue Ridge, 732A Elson Ranch, HDIL Hopedale, HDIL Hopedale, 434A Burnet, TUE Stuetta, 534A Blanco, MIAR Mount Ida, MIAR Mount Ida, AQU L'Aquila, AQU Villacolemand, CUC Castrocuoco, AAM Ann Arbor, NATX Nacogdoches, NATX Nacogdoches, BNI Bardonecchia, BNI Bardonecchia, SSB Saint Sauveur, SSB Saint Sauveur, ACSO Alum Creek Sta, ACSO Alum Creek Sta, LONY Lake Ozonia.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like LONY, CLTB Catibellotta, NCB Newcomb, WDD Weid Dalam, KMB0 Kilima Mbogo, BLA Blacksburg, BRAL Brewton, CBN Corbin, GOGA Godfrey, CNNC Cliffs of the, NHSC New Hope, ESDC Sonseca Array, PAB San Pablo, MTE Manteigas, MTE Mbarara, TAM Tamarrast, LSZ Lusaka, LSZ Lusaka, MTJD Mount Denham, GTBY Guantanamo Bay, BCIP Isla Barro Col, SNAA Sanae, SNAA Sanae, TORD Torodi Ar. Bea, TORD Neumayer-Watz, VNA2 Neumayer-Stat, VNA1 Otavalo, SDV Santo Domingo, FDF Fort de France, GRGR Grenville, NNA Nana, U65S Hualde, U73B San Pedro, PTGA Pitinga, LCO Las Campanas, LPAZ La Paz, LPAZ Limon Verde, CFAA Coronel Fontan, SAML Samuel, SAML Samuel, TRQA Torquist, SIV San Ignacio, RCBR Riachuelo, RCBR Riachuelo, BDFB Brasilia, IDC 19 12:04:20.9, JMA 19 12:04:21.7, ISC 19 12:04:22.7, HDIL Hopedale, HDIL Hopedale, 434A Burnet, TUE Stuetta, 534A Blanco, MIAR Mount Ida, MIAR Mount Ida, AQU L'Aquila, AQU Villacolemand, CUC Castrocuoco, AAM Ann Arbor, NATX Nacogdoches, NATX Nacogdoches, BNI Bardonecchia, BNI Bardonecchia, SSB Saint Sauveur, SSB Saint Sauveur, ACSO Alum Creek Sta, ACSO Alum Creek Sta, LONY Lake Ozonia.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like H11S2 WAKE ISLAND Hy, ZALV Zalesovo Beam, MKAR Makanchi Array, KURBB Kurchatov Arra, ILAR Eilsion Array, BVAR Borovoye Array, WRA Warramung Arr, ASAR Alice Springs, GUC 19 12:07:48.2, IDC 19 12:28:5.2, I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, ZALV Zalesovo Beam, KURBB Kurchatov Arra, KURBB Kurchatov Arra, MKAR Makanchi Array, MKAR Makanchi Array, BVAR Borovoye Array, NNC 19 12:19:17.8, PDGK Podgornoye, PDGK Podgornoye, MK31 Makanchi Array, MK31 Makanchi Array, KNDC Almaty, KNDC Almaty, KURBB Kurchatov Arra, KURBB Kurchatov Arra, KURK Kurchatov, KURK Kurchatov, OTUK Ortayu, OTUK Ortayu, ISCJB 19 12:27:56.8, JMA 19 12:27:57.8, IDC 19 12:27:57.3, ISC 19 12:27:57.1, Code Station Name, Time, Res, ISC, h, m, s, ISC.

Table with 4 columns: Station Name, Time, Res, ISC. Includes KHAL Karahalli and KHAL.

IDC 19 13:33:14.4+0.6, 14.18N; 118.12E, h0km, mb4.2/16, mb1 4.3/17, mb1mx4.1/46, mbtmp4.2/17, ML3.7/1, MS3.4/8, Ms1 3.5/8, ms1mx3.2/41, Error ellipse: s-maj=27.7km s-min=13.4km az=64.0

ISCJB 19 13:33:15.4+1.2, 14.04N; 117.89E; 0.03, h18km, gkm, mb4.4/35, MS3.5/7, Error ellipse: s-maj=5.4km s-min=5.2km az=39.9

MAN 19 13:33:16.14+0.8N; 117.84E, h34km, mb5.5, 4L4.5, MS4.9, BUJ 19 13:33:18.0, 14.04N; 117.85E, h29km, mb4.4, 2M4.7/18, Ms4.5/9, Ms7 4.4/3

NEIC 19 13:33:19.6+0.6, 14.04N; 117.89E, h36km, 5km, mb4.7/19, Error ellipse: s-maj=7.1km s-min=4.5km az=96.0

ISC 19 13:33:18.9+0.5, 14.03N; 117.93E; 0.05, h29km, 2km, h29km; pp-P, n55, 1400/106, mb4.5/35, MS3.5/7, 4C, Philippine Islands region

Table with 4 columns: Code, Station Name, Time, Res. Lists stations like LUBP Lubang, SCZP Santa Cruz, BUNP Coron, etc.

Table with 4 columns: Code, Station Name, Time, Res. Lists stations like QIZ Qiongzong, WLB Yuli, SSSL Suilung, etc.

Table with 4 columns: Code, Station Name, Time, Res. Lists stations like KMI Kunming, XAN Xi'an, PSI Prapat, etc.

Table with 4 columns: Code, Station Name, Time, Res. Lists stations like BATI Baotou, LZH Lanzhou, HHC Hu-ho-hao-te, etc.

Table with 4 columns: Code, Station Name, Time, Res. Lists stations like MJAR Matsushiro Arr, GTA Gaotai, MDJ Mudanjiang, etc.

Table with 4 columns: Code, Station Name, Time, Res. Lists stations like SONM Songino Arr, WRA Warramunga Arr, WMO Urumqi, etc.

Table with 4 columns: Code, Station Name, Time, Res. Lists stations like ASAR Alice Springs, AS01 Alice Springs, MK01 Makanchi Arr, etc.

Table with 4 columns: Station Name, Time, Res, ISC. Includes KSH Kashi and KSH.

comp=2.53nm, 3.8s, 4.7s, 4.4s, 6.0s

ALA-Archa 46.95 316 P P 13 41 48.3 +0.9

ERKIN-SAY 47.45 316 P P 13 41 50.1 -1.1

ZALVOV BEAM 47.56 334 P P 13 41 51.1 -0.6

KURK Kurchatov 48.45 327 P P 13 41 57.9 -0.7

KEAT Karatay Array 49.84 315 P P 13 43 08.1 -1.4

ABKAR Akbulak array 58.73 319 P P 13 43 13.2 -0.9

CAST Castle Rocks 77.58 27 P P 13 45 10.2 -1.9

ARCES ARCES Array B 77.72 339 P P 13 45 12.3 -0.3

COLD Coldfoot 77.91 23 P P 13 45 13.9 +0.1

MLY Manlie 77.97 26 P P 13 45 14.2 0.0

SUA Susitna One 78.44 29 P P 13 45 16.2 -0.8

FINES FINES Array B 78.69 331 P P 13 45 18.1 -0.2

SPITS Spitsbergen Arr 78.72 348 P P 13 45 17.0 -1.1

WRH Wood River Hill 79.17 26 P P 13 45 20.8 0.0

PMR Palmer 79.18 29 P P 13 45 20.1 -0.8

IL1 Eleison Array 79.63 26 P P 13 45 22.6 -0.7

SCM Sheep Creek Mo 79.99 29 P P 13 45 25.6 +0.2

PAX Paxson 80.61 27 P P 13 45 28.3 -0.4

BUR04 Bucovina Ar. S 81.59 317 P P 13 45 33.9 -0.5

NOA NORSAR Array B 85.73 332 LR LR 14 25 56.4

VNDA Vanda 94.76 171 P P 13 46 37.8 +0.7

LPAZ La Paz 173.73 112 PKP P 13 53 27.8 +0.4

IDC 19 13:38:09.5+2.1, 20.56S; 178.33W, h508km, 24km, mb3.0/7, mb1 3.4/9, mb1mx3.1/29, mbtmp4.0/9, Error ellipse: s-maj=24.6km s-min=14.2km az=145.0

ISCJB 19 13:38:14.4+0.8, 20.65S; 178.4W; 0.2, h579km, mb3.3/7, Error ellipse: s-maj=27.3km s-min=16.7km az=151.4

ISC 19 13:38:15.4+0.8, 20.77S; 178.3W; 0.2, h579km, n14, 1929/15, mb3.4/7, Fiji Islands region

Table with 4 columns: Code, Station Name, Time, Res. Lists stations like AFI Afiamalu, URZ Urewera, ASAR Alice Springs, etc.

Table with 4 columns: Code, Station Name, Time, Res. Lists stations like ULDT Uludag, ORLT Orhaneli, CAVI Cavuskoj, etc.

Table with 4 columns: Code, Station Name, Time, Res. Lists stations like DURS Dursunbey, BORA Eskisehir, MDNY Madanya-Bursa, etc.

Table with 4 columns: Station Name, Time, Res, ISC. Includes ARMT Armutlu, ARMT Armutlu, etc.

comp=2.7nm, 0.8s, 1.7s, 5.7, SNR=4.5

ERKIN-SAY 47.45 316 P P 13 41 50.1 -1.1

ZALVOV BEAM 47.56 334 P P 13 41 51.1 -0.6

KURK Kurchatov 48.45 327 P P 13 41 57.9 -0.7

KEAT Karatay Array 49.84 315 P P 13 43 08.1 -1.4

ABKAR Akbulak array 58.73 319 P P 13 43 13.2 -0.9

CAST Castle Rocks 77.58 27 P P 13 45 10.2 -1.9

ARCES ARCES Array B 77.72 339 P P 13 45 12.3 -0.3

COLD Coldfoot 77.91 23 P P 13 45 13.9 +0.1

MLY Manlie 77.97 26 P P 13 45 14.2 0.0

SUA Susitna One 78.44 29 P P 13 45 16.2 -0.8

FINES FINES Array B 78.69 331 P P 13 45 18.1 -0.2

SPITS Spitsbergen Arr 78.72 348 P P 13 45 17.0 -1.1

WRH Wood River Hill 79.17 26 P P 13 45 20.8 0.0

PMR Palmer 79.18 29 P P 13 45 20.1 -0.8

IL1 Eleison Array 79.63 26 P P 13 45 22.6 -0.7

SCM Sheep Creek Mo 79.99 29 P P 13 45 25.6 +0.2

PAX Paxson 80.61 27 P P 13 45 28.3 -0.4

BUR04 Bucovina Ar. S 81.59 317 P P 13 45 33.9 -0.5

NOA NORSAR Array B 85.73 332 LR LR 14 25 56.4

VNDA Vanda 94.76 171 P P 13 46 37.8 +0.7

LPAZ La Paz 173.73 112 PKP P 13 53 27.8 +0.4

IDC 19 13:38:09.5+2.1, 20.56S; 178.33W, h508km, 24km, mb3.0/7, mb1 3.4/9, mb1mx3.1/29, mbtmp4.0/9, Error ellipse: s-maj=24.6km s-min=14.2km az=145.0

ISCJB 19 13:38:14.4+0.8, 20.65S; 178.4W; 0.2, h579km, mb3.3/7, Error ellipse: s-maj=27.3km s-min=16.7km az=151.4

ISC 19 13:38:15.4+0.8, 20.77S; 178.3W; 0.2, h579km, n14, 1929/15, mb3.4/7, Fiji Islands region

Table with 4 columns: Code, Station Name, Time, Res. Lists stations like AFI Afiamalu, URZ Urewera, ASAR Alice Springs, etc.

ISC 19 13:41:38.7 39.33N; 29.65E, h10km, MD2.6 DDA 19 13:41:46.3 39.65N; 29.45E, h7km, MD2.8 CSEM 19 13:41:46.7 0.4, 39.77N; 29.40E, h25km, 5km, MD2.8

Table with 4 columns: Code, Station Name, Time, Res. Lists stations like ULDT Uludag, ORLT Orhaneli, CAVI Cavuskoj, etc.

Table with 4 columns: Code, Station Name, Time, Res. Lists stations like DURS Dursunbey, BORA Eskisehir, MDNY Madanya-Bursa, etc.

Table with 4 columns: Station Name, Time, Res, ISC. Includes ARMT Armutlu, ARMT Armutlu, etc.

comp=2.7nm, 0.8s, 1.7s, 5.7, SNR=4.5

ERKIN-SAY 47.45 316 P P 13 41 50.1 -1.1

ZALVOV BEAM 47.56 334 P P 13 41 51.1 -0.6

KURK Kurchatov 48.45 327 P P 13 41 57.9 -0.7

KEAT Karatay Array 49.84 315 P P 13 43 08.1 -1.4

ABKAR Akbulak array 58.73 319 P P 13 43 13.2 -0.9

CAST Castle Rocks 77.58 27 P P 13 45 10.2 -1.9

ARCES ARCES Array B 77.72 339 P P 13 45 12.3 -0.3

COLD Coldfoot 77.91 23 P P 13 45 13.9 +0.1

MLY Manlie 77.97 26 P P 13 45 14.2 0.0

SUA Susitna One 78.44 29 P P 13 45 16.2 -0.8

FINES FINES Array B 78.69 331 P P 13 45 18.1 -0.2

SPITS Spitsbergen Arr 78.72 348 P P 13 45 17.0 -1.1

WRH Wood River Hill 79.17 26 P P 13 45 20.8 0.0

PMR Palmer 79.18 29 P P 13 45 20.1 -0.8

IL1 Eleison Array 79.63 26 P P 13 45 22.6 -0.7

SCM Sheep Creek Mo 79.99 29 P P 13 45 25.6 +0.2

PAX Paxson 80.61 27 P P 13 45 28.3 -0.4

BUR04 Bucovina Ar. S 81.59 317 P P 13 45 33.9 -0.5

NOA NORSAR Array B 85.73 332 LR LR 14 25 56.4

VNDA Vanda 94.76 171 P P 13 46 37.8 +0.7

LPAZ La Paz 173.73 112 PKP P 13 53 27.8 +0.4

IDC 19 13:38:09.5+2.1, 20.56S; 178.33W, h508km, 24km, mb3.0/7, mb1 3.4/9, mb1mx3.1/29, mbtmp4.0/9, Error ellipse: s-maj=24.6km s-min=14.2km az=145.0

ISCJB 19 13:38:14.4+0.8, 20.65S; 178.4W; 0.2, h579km, mb3.3/7, Error ellipse: s-maj=27.3km s-min=16.7km az=151.4

ISC 19 13:38:15.4+0.8, 20.77S; 178.3W; 0.2, h579km, n14, 1929/15, mb3.4/7, Fiji Islands region

Table with 4 columns: Code, Station Name, Time, Res. Lists stations like AFI Afiamalu, URZ Urewera, ASAR Alice Springs, etc.

ISC 19 13:41:38.7 39.33N; 29.65E, h10km, MD2.6 DDA 19 13:41:46.3 39.65N; 29.45E, h7km, MD2.8 CSEM 19 13:41:46.7 0.4, 39.77N; 29.40E, h25km, 5km, MD2.8

Table with 4 columns: Code, Station Name, Time, Res. Lists stations like ULDT Uludag, ORLT Orhaneli, CAVI Cavuskoj, etc.

Table with 4 columns: Code, Station Name, Time, Res. Lists stations like DURS Dursunbey, BORA Eskisehir, MDNY Madanya-Bursa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers like ZAAO, ZALV, KURK, etc.

IDC 19 13:53:59.3:0.9, 0:90S: 120:57E, h0km, mb3.7/6, mb1 3.9/7, mb1mx3.6/31, mbtmp3.8/7, ML3.8/1, MS3.3/3, Ms1 3.4/3, ms1mx2.9/36, Error ellipse: s-maj=37.2km s-min=16.9km az=67.0

DJA 19 13:54:02.5:0.3, 1'S2:12'0E, h10km, M4.5/13, mb4.7/2, ML4.4/13

ISCJB 19 13:54:03.8:0.5, 0:93S: 120:48E:0.0/4, h49km, mb3.7/6, MS3.4/1, Error ellipse: s-maj=6.7km s-min=5.0km az=34.0

ISC 19 13:54:05.9:0.8, 0:94S: 120:45E:0.0/4, h49km, n24, c173/26, mb3.9/6, Minahassa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers like PAPI, APSI, MRSI, etc.

NIED 19 14:03:00.31:70N:142:40E, h5km, Mw4.5 Best double couple: Ms5.88000:0.1015 NP1:330.00000, 328.00000, 7:81.00000, NP2:149.00000, 862.00000, 7:85.00000

IDC 19 14:03:33.7:0.5, 0:31:33N:142:61E, h0km, mb4.6/23, mb1 4.7/27, mb1mx4.6/46, mbtmp4.6/27, ML4.4/4, MS3.5/15, Ms1 3.5/15, ms1mx3.3/36, Error ellipse: s-maj=15.6km s-min=13.6km az=89.0

ISCJB 19 14:03:35.6:1.0, 31:53N:142:49E:0.0/2, h15km, 6km, mb4.8/154, MS3.6/17, Error ellipse: s-maj=5.2km s-min=3.1km az=21.1

JMA 19 14:03:36.3:0.3, 31:73N:142:44E, h0km, M4.6, MS4.9/33, 7.4/322

NEIC 19 14:03:36.3:2.2, 31:38N:142:51E, h14km, 13km, mb4.9/113, MW4.4(NIED), Error ellipse: s-maj=4.6km s-min=3.2km az=147.0

BUI 19 14:03:37.4:1.1, 31:14N:142:51E, h34km, mb4.6/44, mb4.8/39, MS4.9/33, 7.4/322

MOS 19 14:03:38.5:0.8, 31:79N:142:59E, h26km, mb5.0/52, Error ellipse: s-maj=8.6km s-min=4.9km az=106.1

ISC 19 14:03:39.0:0.5, 31:50N:142:54E:0.0/4, h32km, 2km, h31km, pP-P, n375, c1926/11, mb4.8/155, MS3.7/17, 20C-12D, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and various station identifiers like JHCJ, JHJ2, JHJ3, etc.

Table with columns: YUK, Yuzh-Kuril'sk, 12.78 11 cP, Pn, 14 06 32.0 -6.5, and various station identifiers like YUK, MSHR, KUR, etc.

Table with columns: GTA, S, S, 14 16 05.3 0.0, and various station identifiers like GTA, KMI, KMI, etc.

19d 15h

Table with columns: CD2, 10.0nm, 0.5s, PMZ; CD2, 340nm, 5.7s, LN; CD2, 580nm, 5.4s, LZ; CD2, 420nm, 7.2s, LZ; LZH, Lanzhou, 58.78 319, eP, P, 15 13 19.5 -2.8; LZH, 58.78 319, eP, P, 15 13 35.9 -2.0; LZH, 58.78 319, eP, P, 15 13 43.5 -0.9; LZH, 27nm, 1.2s, PMZ; LZH, 120nm, 4.3s, PMZ; PETK, Petropavlovsk-59.74 7 P, P, 15 13 27.9 -0.4; PETK, 2.4nm, 0.7s, baz=191, slow=13, SNR=2.7, LR, 15 35 05.7; PPT, Papeete, 62.25 106 LR, LR, 15 38 46.4; PPT2, Papeete2, 62.25 107 eLR, LR, 15 32 13.4; ULN, Ulanbatar, 64.61 331 P, P, 15 14 01.3 0.0; SONM, Songino Array, 64.91 331 P, P, 15 14 02.2 -0.9; SONM, 1.2nm, 0.7s, baz=198, slow=5.6, SNR=7.7, LR, 15 44 34.1; SONM1, Songino Array, 64.91 331 eP, P, 15 14 02.1 -1.1; VVDA, Vanda, 71.64 177 P, P, 15 14 45.2 +0.6; VVDA, 2.6nm, 0.9s, baz=325, slow=3.3, SNR=5.0, LR, 15 44 19.5; WMQ, Urumqi, 73.37 319 eP, P, 15 14 56.8 +1.2; WMQ, 3.1nm, 26.0s, pP, P, 15 15 12.0 +0.3; WMQ, 8.0nm, 0.5s, PMZ; CHGN, Chignik, 76.34 28 eP, P, 15 15 12.6 +0.3; MK01, Makanchi Array, 78.05 320 eP, P, 15 15 20.4 -1.9; MKAR, Makanchi Array, 78.05 320 P, P, 15 15 21.1 -1.2; ZALV, Zalesovo Beam, 79.53 328 P, P, 15 15 27.5 -2.6; ZALV, 0.5nm, 0.3s, baz=105, slow=4.7, SNR=3.4, LR, 15 51 11.3; ZALV, comp=Z, 24nm, 21.8s, baz=68, slow=36, LR, 15 51 34.1 +1.0; KSH, Kashi, 79.99 312 eP, P, 15 15 18.2 +2.4; KSH, 79.99 312, eP, P, 15 15 58.8 +3.0; KSH, 77nm, 5.1s, PMZ; KSH, 76nm, 4.4s, LN; KSH, 86nm, 6.0s, LZ; KSH, 150nm, 6.2s, LZ; MAW, Mawson, 82.26 203 P, P, 15 15 43.0 -1.4; MAW, 1.1nm, 0.6s, baz=58, slow=9.5, SNR=3.8, LR, 15 52 04.0; SML, Sawmill, 83.60 25 eP, P, 15 15 49.6 -1.9; SML, 6.9nm, 0.9s; SCM, Sheep Creek Mo, 84.04 26 eP, P, 15 15 52.7 -1.1; ILAR, Eielson Array, 85.47 23 P, P, 15 15 58.0 -2.8; ILAR, 4.1nm, 0.8s; ILAR, 0.7nm, 0.7s, baz=253, slow=4.3, SNR=10.0; IL1, Eielson Array, 85.47 23 eP, P, 15 15 58.9 -1.9; CRY, Cary Ranch, 98.12 57 eP, P, 15 17 00.8 +0.1; SNTA, Sanderis Pla, 98.22 57 eP, P, 15 16 59.9 -1.1; SNAE, Snares, 99.85 189 eP, P, 15 21 11.0 -1.2; SNAE, Eagleton, 103.07 42 eP, P, 15 21 36.5 -1.0; LANS, Liptovska Anna, 118.98 324 ePKP, PKP, 15 22 14.9 +3.0; GERES, GERS Array B, 122.44 326 PKP, PKP, 15 22 18.2 -0.5; GERES, 0.2nm, 0.5s, baz=0.0, slow=3.3, SNR=3.0; TORD, Torodi Ar, Bea, 145.73 284 PKP, PKP, 15 23 02.2 -0.5; TORD, 1.7nm, 0.4s, baz=86, slow=4.0, SNR=15; SAML, Samuel, 145.80 116 eP, PKP, 15 23 02.4 -0.5; BDFB, Brasilia, 153.32 145 PKP, PKP, 15 23 19.5 -2.9; BDFB, 2.8nm, 0.5s, baz=79, slow=3.7, SNR=5.1

2010 SEP

Table with columns: THL, 1.37 142, eSN, Sg, 15 06 02.0 +0.1; THL, Klokotos Trika, 1.37 142, ePn, Pn, 15 05 42.8 -0.8; THL, 1.37 142, eSn, Sg, 15 06 02.0 +0.1; SKO, Skopje, 1.38 16 ePg, Pn, 15 05 43.5 -0.3; SKO, Skopje, 1.38 16 ePg, Pn, 15 05 43.5 -0.3; VAY, Valandovo, 1.42 61 ePg, Sg, 15 06 04.2 +0.7; VAY, 1.42 61 ePg, Sg, 15 06 05.3; VAY, comp=E, 46nm, 0.6s, eLg, Lg, 15 06 05.5; VAY, comp=N, 51nm, 0.5s, ePg, Pn, 15 05 45.4 +0.3; VAY, 1.42 61 ePg, Pn, 15 06 05.2 +0.1; VAY, Valandovo, 1.42 61 ePg, Sg, 15 05 45.4 +0.3; VAY, 1.42 61 ePg, Sg, 15 06 04.2 +0.7; VAY, 1.42 61 ePg, Lg, 15 06 05.2; VAY, comp=N, 46nm, 0.6s, ePn, Pn, 15 05 46.8 +0.1; VAY, 1.59 71 ePn, Pn, 15 05 46.8 +0.1; VAY, 1.59 71 ePn, Pn, 15 05 45.9 -0.9; VAY, Evrytania, 1.86 158 ePn, Pn, 15 05 51.7 -0.7; VAY, Evrytania, 1.86 158 ePn, Pn, 15 05 51.7 -0.7; VAY, Sokhos, 1.86 84 ePn, Pn, 15 05 50.9 +0.5; VAY, 1.86 84 ePn, Pn, 15 06 14.4 0.0; VAY, 1.86 84 ePn, Pn, 15 05 50.9 +0.5; VAY, 1.86 84 ePn, Pn, 15 06 14.4 0.0; MAKR, Makrakomi, Fih, 1.88 150 ePn, Pn, 15 05 51.2 +0.5; MAKR, 1.88 150 ePn, Pn, 15 05 51.2 +0.5; PLG, Polygyros, 1.95 97 ePn, Pn, 15 05 51.4 -0.2; PLG, 1.95 97 ePn, Pn, 15 05 51.4 -0.2; AGG, Agios Georgios, 1.96 146 ePn, Pn, 15 05 51.9 +0.2; AGG, 1.96 146 ePn, Pn, 15 05 51.9 +0.2; PDD, Prodromos, 2.06 174 ePn, Pn, 15 05 55.5 -0.2; PDD, 2.06 174 ePn, Pn, 15 05 55.5 -0.2; SRS, Serrai, 2.08 76 ePn, Pn, 15 05 54.7 -1.4; SRS, 2.08 76 ePn, Pn, 15 05 54.7 -1.4; XOR, Xorichti, 2.17 125 ePb, Pn, 15 05 54.3 -0.3; XOR, 2.17 125 ePb, Pn, 15 05 54.3 -0.3; XOR, Xorichti, 2.17 125 ePb, Pn, 15 05 54.3 -0.3; PDG, Podgorica, 2.17 326 eSn, Sb, 15 06 24.4 -0.5; PDG, 2.17 326 eSn, Sb, 15 06 24.4 -0.5; PDG, Neokhori, 2.22 126 ePn, Pn, 15 05 55.4 -0.4; PDG, 2.22 126 ePn, Pn, 15 05 55.4 -0.4; PAIG, Paliouri, 2.23 108 ePb, Pn, 15 05 55.0 -0.5; PAIG, 2.23 108 ePb, Pn, 15 05 55.0 -0.5; BARS, Barje, 2.27 171 ePn, Pn, 15 06 24.7 +0.3; BARS, 2.27 171 ePn, Pn, 15 06 24.7 +0.3; KALE, Kalithea, 2.44 157 ePb, Pn, 15 06 00.3 -2.0; KALE, 2.44 157 ePb, Pn, 15 06 00.3 -2.0; DESF, Desfina, 2.56 150 ePn, Pn, 15 06 00.9 +0.9; DESF, 2.56 150 ePn, Pn, 15 06 00.9 +0.9; LKR, Lokris, 2.98 349 ePn, Pn, 15 06 04.4 +0.4; LKR, 2.98 349 ePn, Pn, 15 06 04.4 +0.4; SELS, Selova, 2.57 3 ePn, Pn, 15 06 01.7 +1.5; SELS, 2.57 3 ePn, Pn, 15 06 01.7 +1.5; VTS, Vitosha, 2.59 41 ePn, Pn, 15 06 33.4 +0.8; VTS, 2.59 41 ePn, Pn, 15 06 33.4 +0.8; DRO, Drossia, 2.76 167 ePn, Pn, 15 06 03.3 +0.5; DRO, 2.76 167 ePn, Pn, 15 06 03.3 +0.5; KLV, Kalavryta, Ach, 2.77 159 ePb, Pn, 15 06 05.2 +2.2; KLV, 2.77 159 ePb, Pn, 15 06 05.2 +2.2; ZAPS, Zavoj, 2.92 25 ePn, Pn, 15 06 05.3 +1.2; ZAPS, 2.92 25 ePn, Pn, 15 06 05.3 +1.2; IVA, Ivanca, 2.98 349 ePn, Pn, 15 06 07.6 +1.8; IVA, 2.98 349 ePn, Pn, 15 06 07.6 +1.8; IVAL, Ipaties, 3.04 142 ePn, Pn, 15 06 08.4 +1.8; IVAL, 3.04 142 ePn, Pn, 15 06 08.4 +1.8; BOVS, Bovan, 3.04 11 ePn, Pn, 15 06 08.0 +1.4; BOVS, 3.04 11 ePn, Pn, 15 06 08.0 +1.4; WLL, Villia, 3.10 142 ePn, Pn, 15 06 08.4 +1.0; WLL, 3.10 142 ePn, Pn, 15 06 08.4 +1.0; STON, Ston, 3.27 314 ePn, Pn, 15 06 09.9 +0.1; STON, 3.27 314 ePn, Pn, 15 06 09.9 +0.1; DIVB, Divibare, 3.52 349 ePn, Pn, 15 06 13.4 +0.2; DIVB, 3.52 349 ePn, Pn, 15 06 13.4 +0.2; DIVS, Divibare, 3.52 349 ePn, Pn, 15 06 13.4 +0.2; DIVS, 3.52 349 ePn, Pn, 15 06 13.4 +0.2

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Table with columns: KRUC, Moravsky, 1.53 240, ePg, Pb, 15 18 50.6 -0.4; KRUC, 1.53 240, ePg, Pb, 15 18 50.6 -0.4; KRUC, 13nm, 0.1s, baz=60, eSg, Sg, 15 19 11.5 +0.6; KRUC, 13nm, 0.1s, baz=60, eSg, Sg, 15 19 11.5 +0.6; UPC, Upice, 1.68 294, ePg, Sg, 15 18 53.2 -0.3; UPC, 1.68 294, ePg, Sg, 15 18 53.2 -0.3; UPC, comp=Z, 1.3nm, 0.5s, ePg, Sg, 15 18 53.2 -0.3; UPC, 1.68 294, ePg, Sg, 15 18 53.2 -0.3; UPC, 13nm, 0.5s, ePg, Sg, 15 18 54.9 +0.9; KSP, Ksiaz, 1.68 307, ePg, Sg, 15 18 54.9 +0.9; KSP, 1.68 307, ePg, Sg, 15 18 54.9 +0.9; KSP, Ksiaz, 1.68 307, ePg, Sg, 15 18 54.9 +0.9; KSP, 1.68 307, ePg, Sg, 15 18 54.9 +0.9; STHS, Stebnicka Huta, 1.89 102, ePn, Pn, 15 19 16.7 +0.9; STHS, 1.89 102, ePn, Pn, 15 19 16.7 +0.9; STHS, Stebnicka Huta, 1.89 102, ePn, Pn, 15 19 16.7 +0.9; STHS, 1.89 102, ePn, Pn, 15 19 16.7 +0.9; STRES, Trest, 1.98 255, ePg, Sg, 15 18 58.4 -0.3; STRES, 1.98 255, ePg, Sg, 15 18 58.4 -0.3; STRES, Trest, 1.98 255, ePg, Sg, 15 18 58.4 -0.3; STRES, 1.98 255, ePg, Sg, 15 18 58.4 -0.3; TREC, Trest, comp=Z, 6.1nm, 0.2s, eSg, Sg, 15 19 24.7 -0.6; TREC, 1.98 255, ePg, Sg, 15 19 24.7 -0.6; TREC, 6.1nm, 0.2s, eSg, Sg, 15 19 24.7 -0.6; TREC, 1.98 255, ePg, Sg, 15 19 24.7 -0.6; GOPC, GO Pecny, Ondr, 2.34 273, ePg, Pb, 15 19 05.7 +0.9; GOPC, 2.34 273, ePg, Pb, 15 19 05.7 +0.9; GOPC, comp=Z, 4.4nm, 0.2s, eSg, Sg, 15 19 35.4 +1.1; GOPC, 2.34 273, ePg, Pb, 15 19 05.7 +0.9; GOPC, 2.34 273, ePg, Pb, 15 19 35.4 +1.1; PRU, Pruhoniche, 2.50 275, ePn, Pn, 15 19 03.9 +0.2; PRU, 2.50 275, ePn, Pn, 15 19 03.9 +0.2; PRU, 2.50 275, ePn, Pn, 15 19 03.9 +0.2; PRU, 2.50 275, ePn, Pn, 15 19 03.9 +0.2; PRU, comp=Z, 3.4nm, 0.3s, ePg, Sg, 15 19 03.9 +0.2; PRU, 2.50 275, ePn, Pn, 15 19 03.9 +0.2; PRU, comp=Z, 1.5nm, 0.2s, eSg, Sg, 15 19 43.7 -0.3; PRU, 2.50 275, ePn, Pn, 15 19 03.9 +0.2; PVCC, Panska Vya, 2.56 287, ePg, Sg, 15 19 43.7 -0.3; PVCC, 2.56 287, ePg, Sg, 15 19 43.7 -0.3; PVCC, 2.56 287, ePg, Sg, 15 19 43.7 -0.3; PVCC, 2.56 287, ePg, Sg, 15 19 43.7 -0.3; BRG, Berglesshubel, 3.04 291, eSg, Sg, 15 19 58.7 -0.6; BRG, 3.04 291, eSg, Sg, 15 19 58.7 -0.6; BRG, 3.04 291, eSg, Sg, 15 19 58.7 -0.6; BRG, 3.04 291, eSg, Sg, 15 19 58.7 -0.6; KHC, Kasperske Hory, 3.23 259, ePn, Pn, 15 19 13.4 -0.3; KHC, 3.23 259, ePn, Pn, 15 19 13.4 -0.3; KHC, 3.23 259, ePn, Pn, 15 19 13.4 -0.3; KHC, 3.23 259, ePn, Pn, 15 19 13.4 -0.3; KHC, comp=Z, 4.7nm, 0.4s, eSg, Sg, 15 20 04.0 -1.5; KHC, 3.23 259, ePn, Pn, 15 19 13.4 -0.3; KHC, 3.23 259, ePn, Pn, 15 19 13.4 -0.3; KHC, 3.23 259, ePn, Pn, 15 19 13.4 -0.3; KHC, 3.23 259, ePn, Pn, 15 19 13.4 -0.3; KHC, comp=Z, 4.9nm, 0.5s, eSg, Sg, 15 20 24.6 -1.1; KHC, 3.23 259, ePn, Pn, 15 19 13.4 -0.3; KHC, 3.23 259, ePn, Pn, 15 19 13.4 -0.3; KHC, 3.23 259, ePn, Pn, 15 19 13.4 -0.3; KHC, 3.23 259, ePn, Pn, 15 19 13.4 -0.3

15:24:20.1±1.9, 56:33:58.2827W, h0km, mb3.9/1, mb1 3.9/1, mb1mx3.5/14, mbtmp3.9/1, Error ellipse: s-maj=114.0km s-min=78.1km az=136.0, South Sandwich Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h m s, ISC, VNA2, Neumayer-Watz, 17.16 157, Op, P, 15 28 31.3 +8.6; SNA, Snares, 18.73 155, P, P, 15 28 48.6 +8.3; TORD, Torodi Ar, Bea, 73.60 30 P, P, 15 35 55.0 0.0; ARCES, ARCES Array B, 131.43 22, PKP, PKP, 15 43 32.2 -0.4; ILAR, Eielson Array, 149.85 31, PKP, PKP, 15 44 10.1 -0.4; SONM, Songino Array, 151.38 82, PKP, PKP, 15 44 14.5 -0.2

NEIC 19 15:37:05.2, 16:23N:97:92W, h10km, MD4.1 (MEX), After MEX

MEX 19 15:37:05.2±0.4, 16:23N:97:92W, h10km, MD4.1, Oaxaca

Table with columns: PNIG, Binotegua, 0.26 309, Op, P, 15 37 10.2 -0.3; PNIG, Binotegua, 0.26 309, eS, Sg, 15 37 14.0 -0.1; PNIG, Binotegua, 0.26 309, eS, Sg, 15 37 14.0 -0.1; PNIG, Vista Hermosa, 1.41 53, iP, Pn, 15 37 27.0 -4.3; VHO, Vista Hermosa, 1.41 53, eP, Pn, 15 37 45.7 -4.5; VHO, Vista Hermosa, 1.41 53, iP, Pn, 15 37 27.0 -4.3; VHO, Vista Hermosa, 1.41 53, eP, Pn, 15 37 45.7 -4.5; VHO, Tlapa, 1.47 335, P, Pn, 15 37 27.4 -4.5; TLIG, Tehuacan, 2.24 14, iS, Pn, 15 37 45.5 -4.5; TPIG, Tehuacan, 2.24 14, iS, Pn, 15 37 38.6 -4.1; TPIG, Tehuacan, 2.24 14, iS, Pn, 15 38 06.4 -4.3; TPIG, Tehuacan, 2.24 14, iS, Pn, 15 37 38.6 -4.1; CAIG, El Cayaco, 2.40 290, iP, Pn, 15 37 42.1 -2.5; CAIG, El Cayaco, 2.40 290, iS, Pn, 15 38 10.2 -3.8; CAIG, El Cayaco, 2.40 290, iS, Pn, 15 37 42.1 -2.5; CAIG, El Cayaco, 2.40 290, iS, Pn, 15 38 10.2 -3.8; PLIG, Platanillo, 2.63 325, iP, Pn, 15 37 45.3 -2.6; PLIG, Platanillo, 2.63 325, iS, Pn, 15 38 16.3 -3.8; PLIG, Platanillo, 2.63 325, iP, Pn, 15 37 45.3 -2.6; PLIG, Platanillo, 2.63 325, iS, Pn, 15 38 16.3 -3.8; YAIG, Yautepac, 2.84 337, iP, Pn, 15 37 47.8 -3.1; YAIG, Yautepac, 2.84 337, iS, Pn, 15 38 21.2 -4.1; YAIG, Yautepac, 2.84 337, iP, Pn, 15 37 47.8 -3.1; YAIG, Yautepac, 2.84 337, iS, Pn, 15 38 21.2 -4.1

ISCJB 19 15:37:55.2±1.0, 3:61N:0:10x:128.2E:0:1, h200km, mb3.6/6, Error ellipse: s-maj=20.6km s-min=12.0km az=157.3

19 15:37:59.7±8.8, 3:40N:127.98E, h21km, 81km, mb3.3/6, mb1 3.6/7, mb1mx3.2/37, mbtmp4.0/7, Error ellipse: s-maj=76.8km s-min=15.7km az=59.0

AUST 19 15:38:07.3±1.1, 2:45N:128.03E, h192km, Error ellipse: s-maj=2.9km s-min=1.6km az=351.0

DJA 19 15:38:36.0±0.6, 1:7N:5:12.7E, h2km, 10km, M3.1, mb4.0/1, MLV3.7/10

ISC 19 15:37:57.2±1.2, 3:5N:0:1:128.2E:0:1, h200km, m2.1, 0:875/19, mb3.7/6, North of Halmahera

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h m s, ISC, SGSI, Sangihe, 2.66 273, Op, P, 15 39 25.6 +7.1; TNIT, Ternate, 2.86 197, P, Pn, 15 39 34.8 -0.2; LBMI, Labuha, 4.19 189, P, Pn, 15 39 01.5 0.0; SWI, Sorong, 5.33 145, P, Pn, 15 39 17.0 +1.1; SANI, Sanana, 5.96 202, P, Pn, 15 39 23.2 -0.8; NIAI, Namia, 6.81 189, P, Pn, 15 39 34.8 -0.2; LUWI, Luwuk, 7.06 230, P, Pn, 15 39 37.4 +9.1; LUWI, Luwuk, 7.06 230, P, Pn, 15 39 40.2 +9.1; BATI, Baumata, 14.37 198, P, Pn, 15 41 11.4 -0.4; MTN, Mantion Dam, 16.53 170, P, P, 15 41 36.6 -0.4; KDU, Kakadu, 16.66 165, P, P, 15 41 40.0 +1.5; KNRA, Kunurra, 19.09 178, P, Pn, 15 42 05.4 +0.4; FITZ, Fitzroy Crossi, 21.64 187, P, Pn, 15 42 31.3 -0.6; FITZ, Fitzroy Crossi, 21.64 187, P, Pn, 15 42 32.4 +0.4; WRA, Warramunga Arr, 24.09 166, P, Pn, 15 42 54.5 -0.2; ASAR, Alice Springs, 27.60 169, P, Pn, 15 43 26.0 -0.1; WRKA, Warakura, 28.39 180, P, P, 15 43 33.3 +0.7; MEEK, Meekatharra, 31.39 197, P, P, 15 43 59.3 -0.2; CMAR, Chiang Mai Arr, 32.23 300, P, Pn, 15 44 06.7 -0.3; MKAR, Makanchi Array, 58.55 325, P, Pn, 15 47 32.8 -0.1; VVDA, Vanda, 71.64 177, P, P, 15 49 59.5 -0.2

ISCJB 19 15:49:12.6±0.3, 39:90N:0:02:29:19E:0:04, h0km, Error ellipse: s-maj=4.2km s-min=2.7km az=20.6

ISCJB 19 15:05:17.7±0.4, 40:64N:0:02:29:19E:0:03, h5km, 3km, Error ellipse: s-maj=3.2km s-min=2.7km az=10.6

THE 19 15:05:17.8, 40:65N:0:02:87E, h8km, 2km, ML2.8/4, Error ellipse: s-maj=2.8km s-min=0.7km az=111.0

SKO 19 15:05:17.5, 40:65N:0:02:86E, h15km, M2.0, ML2.5

ATH 19 15:05:18.2, 40:64N:0:02:96E, h19km, 1km, MD3.2/15

CSEM 19 15:05:18.0±0.1, 40:63N:0:02:93E, h2km, ML2.3, Error ellipse: s-maj=3.8km s-min=2.8km az=94.0

BEO 19 15:05:18.0±0.9, 40:52N:0:02:96E, h19km, 4km, ML2.6/7

ISC 19 15:05:17.8±0.9, 40:65N:0:02:2091E:0:02, h5km, 3km, n89, 0:887/128, 2:3, Greece-Albania border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h m s, ISC, KBN, Korca, 0.10 256, iPg, P, 15 05 19.5 -0.4; KBN, Korca, 0.10 256, iPg, P, 15 05 19.5 -0.4; NEST, Nestorio, 0.26 156, ePg, P, 15 05 20.9 -0.5; NEST, Nestorio, 0.26 156, ePg, P, 15 05 20.9 -0.5; NEST, Nestorio, 0.26 156, ePg, P, 15 05 27.3 +1.2; NEST, Nestorio, 0.26 156, ePg, P, 15 05 27.3 +1.2; NEST, Nestorio, 0.26 156, ePg, P, 15 05 27.3 +1.2; NEST, Nestorio, 0.26 156, ePg, P, 15 05 27.3 +1.2; FNA, Florina, 0.38 69, ePg, P, 15 05 27.6 +1.5; FNA, Florina, 0.38 69, ePg, P, 15 05 27.6 +1.5; FNA, Florina, 0.38 69, ePg, P, 15 05 31.8 -1.4; FNA, Florina, 0.38 69, ePg, P, 15 05 25.7 +0.6; FNA, Florina, 0.38 69, ePg, P, 15 05 31.8 -1.4; FNA, Florina, 0.38 69, ePg, P, 15 05 31.8 -1.4; FNA, Florina, 0.38 69, ePg, P, 15 05 27.6 +1.5; FNA, Florina, 0.38 69, ePg, P, 15 05 27.6 +1.5; OHR, Ohrid, 0.47 349, iPg, P, 15 05 27.4 -0.4; OHR, Ohrid, 0.47 349, iPg, P, 15 05 27.4 -0.4; OHR, Ohrid, 0.47 349, iPg, P, 15 05 34.4 +1.4; OHR, Ohrid, 0.47 349, iPg, P, 15 05 34.4 +1.4; OHR, comp=N, 182nm, 0.6s, eLg, Lg, 15 05 34.7; OHR, comp=E, 394nm, 0.5s, ePg, P, 15 05 27.3 +0.4; OHR, 0.47 349, iPg, P, 15 05 34.4 +1.4; OHR, 0.47 349, iPg, P, 15 05 34.4 +1.4

JMA 19 15:16:09.7, 34:61N, 133:61E, h14km, M3.5, 3C-4D Broadband fault plane solution: P waves. NPI: 0:304.00000°, 882.00000°, A-17.00000°. NP2: 0:36.00000°, 873.00000°, A-171.00000°. Principal axes: T P1g6.0000°, Azm351.00000°; N P1g71.00000°, Azm99.00000°; P P1g18.00000°, Azm259.00000°; Near south coast of Western Honshu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, h m s, ISC, JJS, Sakaide, 0.35 132, iP, P, 15 16 21.6 -0.2; JJS, Sakaide, 0.35 132, iP, P, 15 16 21.6 -0.2; JYG, Jouge, 0.98 275, iP, P, 15 16 17.4 0.0; JYG, Jouge, 0.98 275, iP, P, 15 16 17.4 0.0; JYG, Saijoi, 1.06 210, iP, P, 15 16 22.9 +0.3; JYG, Saijoi, 1.06 210, iP, P, 15 16 22.9 +0.3; JAD, Aida, 0.56 54, iS, P, 15 16 28.3 -0.3; JAD, Aida, 0.56 54, iS, P, 15 16 28.3 -0.3; JMN, Monobe, 0.91 166, iP, P, 15 16 26.6 -0.7; JMN, Monobe, 0.91 166, iP, P, 15 16 26.6 -0.7; JET, Tanbara, 0.95 209

ISK 19 15:49:12.7, 39.91N-29.18E, h6km, MD2.9
CSEM 19 15:49:12.8, 0.1, 39.91N-29.18E, h1km, MD2.6, Error ellipse: s-maj=3.0km s-min=2.2km az=119.0, Mining explosion.

DDA 19 15:49:12.8, 39.90N-29.19E, h7km, MD2.6
ISC 19 15:49:12.9, 0.8, 39.89N-0.02, 29.19E, 0.02, h0km, n64, c050/78, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like ULUD, ORLANEII, ZNIK, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like BSO1, BSO2, JHU, etc.

IDC 19 16:03:34.5, 1.4, 7.21S-154.93E, h0km, mb3.9/5, mb1.4/1.6, mb1mx3.8/2.0, mbtrp3.9/6, ML1.8/1, MS3.0/1, Ms1.3/0.1, ms1mx2.6/2.5, Error ellipse: s-maj=62.9km s-min=22.9km az=142.0

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

MKAR Makanchi Array 83.65 319 P P 16 16 04.3 -0.4
NVAR Mina Array Bay 91.94 52 P P 16 16 45.1 0.0
GERES GERES Array B 127.34 329 PKP P 16 22 42.0 +1.1

ISCJTB 19 16:29:04.9, 0.4, 24.40N-122.15E, 0.03, h27km, 6km, Error ellipse: s-maj=7.1km s-min=3.9km az=10.3

JAP 19 16:29:05.7, 24.42N, 122.06E, h21km, 1km, ML3.1, D JMA 19 16:29:04.8, 1.1, 24.40N-122.11E, h35km, M2.0

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

KRSC 19 16:47:10.8, 1.0, 52.81N-158.49E, h136km, 7km, ML3.6, Near east coast of Kamchatka Peninsula

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

MEX 19 16:47:31.5, 0.5, 16.48N-98.49W, h10km, 9km, MD3.9, Near coast of Guerrero

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

ISCJTB 19 16:49:02.0, 4.0, 46.30S-0.06E, 166.18E, 0.05, h14km, mb4.2/6, MS3.8/8, Error ellipse: s-maj=8.2km s-min=4.2km az=164.2

WEL 19 16:49:04.8, 0.4, 46.24S-166.06E, h33km, ML4.7/1.7, Error ellipse: s-maj=4.8km s-min=2.1km az=90.0

AUST 19 16:49:06.0, 0.0, 46.37S-166.29E, h50km, Error ellipse: s-maj=1.5km s-min=0.8km az=358.0

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

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

RAO 19 16:49:02.0, 4.0, 46.30S-0.06E, 166.18E, 0.05, h14km, mb4.2/6, MS3.8/8, Error ellipse: s-maj=8.2km s-min=4.2km az=164.2

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

H01W1 Cape Leeuwin H 40.50 267 T T 17 39 31.9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like FITZ, GSPA, PPT2, etc.

H01W3 Cape Leeuwin H 40.51 267 T T 17 39 34.1

H01W3 Cape Leeuwin H 40.52 267 T T 17 39 33.2

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

PGB	Panagurishte	1.58 283	iPg	Pb	17 54 22.6	+0.4
ZIMR		1.59 336	iP	Sg	17 54 22.6	+0.3
ZIMR		1.59 336	S	Sb	17 54 46.2	+2.9
RKY	Sarkoy-Tekirda	1.67 155	ePN	Pn	17 54 22.7	+0.3
RKY	Sarkoy-Tekirda	1.67 155	ePN	Pn	17 54 22.7	+0.3
SART	Tekirdag	1.67 155	iP	Sb	17 54 45.6	+0.5
SART	Tekirdag	1.67 155	iP	Sb	17 54 23.2	+0.8
SART		1.67 155	iP	Sb	17 54 45.6	+0.5
CTYL	Yal'??k?y?y??at	1.69 115	ePN	Pn	17 54 23.0	+0.3
CTYL	Yal'??k?y?y??at	1.69 115	ePN	Pn	17 54 23.0	+0.3
GELI	Tayfur-Gelibol	1.81 175	ePN	Sn	17 54 47.7	-0.2
GELI	Tayfur-Gelibol	1.81 175	ePN	Sn	17 54 25.1	+0.8
GELI		1.81 175	ePN	Sn	17 54 47.7	-0.2
SMTH	Samothraki Isl	1.81 198	eP	Pn	17 54 25.3	+0.9
SMTH	Samothraki Isl	1.81 198	eP	Pn	17 54 25.3	+0.9
SMTH		1.81 198	S	Sb	17 54 25.0	+1.0
SMTH	Samothraki Isl	1.81 198	S	Sb	17 54 25.1	+0.7
SMTH		1.81 198	S	Sb	17 54 50.2	+1.0
LPK	Lapseki	1.87 168	ePN	Pn	17 54 25.7	+0.6
LPK	Lapseki	1.87 168	ePN	Pn	17 54 25.7	+0.6
MRMT	Marmara Adasi	1.89 147	ePN	Pn	17 54 25.7	+0.2
MRMT	Marmara Adasi	1.89 147	ePN	Pn	17 54 48.7	-1.3
MRMT		1.89 147	ePN	Pn	17 54 25.7	+0.2
MRMT	Marmara Adasi	1.89 147	ePN	Pn	17 54 48.7	-1.3
MRMT		1.89 147	ePN	Pn	17 54 25.7	+0.2
CTKS	Kestanelik-??a	1.95 119	ePN	Pn	17 54 26.6	+0.4
CTKS	Kestanelik-??a	1.95 119	ePN	Pn	17 54 26.6	+0.4
KRBG	Karabiga-Canak	1.97 156	ePN	Pn	17 54 27.1	+0.5
KRBG	Karabiga-Canak	1.97 156	ePN	Pn	17 54 27.1	+0.5
NVR	Neurokopi	1.98 245	eP	Pg	17 54 30.9	+0.8
NVR	Musomiste	1.98 253	iP	Pg	17 54 29.2	+0.3
MMB	Musomiste	1.98 253	iP	Pg	17 54 29.2	+0.3
KKB	Kvkgada	2.03 183	ePN	Pn	17 54 28.3	+1.1
GADA	Gvkgada	2.03 188	ePN	Pn	17 54 28.4	+1.1
PSN	Preselentsi	2.05 43	iP	Pb	17 54 30.3	+0.2
PSN	Preselentsi	2.05 43	iP	Pb	17 54 30.3	+0.2
BGKT	Bogazkoy	2.15 118	ePN	Pn	17 54 29.5	+0.5
BGKT	Bogazkoy	2.15 118	ePN	Pn	17 54 29.5	+0.5
MSAB	Monastyr St. A	2.21 34	iP	Pb	17 54 31.1	+1.3
MSAB	Monastyr St. A	2.21 34	iP	Pb	17 54 31.1	+1.3
EDC	Edinick	2.22 146	ePN	Pn	17 54 30.4	+0.5
EDC	Edinick	2.22 146	ePN	Pn	17 54 30.4	+0.5
SRS	Serrai	2.27 242	eP	Pn	17 54 31.0	+0.3
SRS		2.27 242	eP	Pn	17 54 31.2	+0.2
VTS	Vitosha	2.29 281	iP	Pn	17 54 30.8	-0.2
VTS	Vitosha	2.29 281	iP	Pn	17 54 30.8	-0.2
VTS	Vitosha	2.29 281	ePN	Pn	17 54 31.2	+0.2
VTS	Vitosha	2.29 281	ePN	Pn	17 54 31.2	+0.2
VTS		2.29 281	ePN	Pn	17 54 31.2	+0.2
KLVT	Kilyos	2.30 113	ePN	Pn	17 54 31.7	+0.7
KLVT	Kilyos	2.30 113	ePN	Pn	17 54 31.7	+0.7
BOZC	Bozcaada	2.36 184	iP	Pb	17 54 34.7	-0.7
BOZC		2.36 184	iP	Pb	17 54 34.7	-0.7
EZN	Ezine	2.38 179	ePN	Pn	17 54 33.2	+1.1
EZN	Ezine	2.38 179	ePN	Pn	17 54 33.2	+1.1
KKB	Krupnik	2.38 263	iPg	Pg	17 54 37.7	-0.1
KKB	Krupnik	2.38 263	iPg	Pg	17 54 37.7	-0.1
ISK	Istanbul-Kandi	2.39 117	ePN	Pn	17 54 33.0	+0.6
ISK	Istanbul-Kandi	2.39 117	ePN	Pn	17 54 33.0	+0.6
GONE	Gonen-Balikesir	2.41 153	ePN	Pn	17 54 33.3	+0.7
GONE	Gonen-Balikesir	2.41 153	ePN	Pn	17 54 33.3	+0.7
LIA	Limnos Island	2.44 200	eP	Pn	17 54 33.1	+0.1
LIA	Limnos Island	2.44 200	eP	Pn	17 54 33.1	+0.1
SULR		2.47 0	iP	Sg	17 54 37.4	+0.1
SULR		2.47 0	iP	Sg	17 54 37.4	+0.1
HUMR	Humele	2.50 339	iP	Pb	17 54 35.5	+1.6
HUMR	Humele	2.50 339	iP	Pb	17 54 35.5	+1.6
OUR	Ouranopolis	2.53 223	ePN	Pn	17 54 36.8	+2.5
OUR	Ouranopolis	2.53 223	ePN	Pn	17 54 36.8	+2.5
OUR	Ouranopolis	2.53 223	ePN	Pn	17 54 36.8	+2.5
BUY	Buyukada	2.54 121	iP	Sb	17 54 37.1	-0.3
BUY	Buyukada	2.54 121	iP	Sb	17 54 37.1	-0.3
ARMT	Armutlu	2.56 129	ePN	Pn	17 54 35.3	+0.7
ARMT	Armutlu	2.56 129	ePN	Pn	17 54 35.3	+0.7
SOH	Sothos	2.58 239	eP	Pg	17 54 41.5	0.0
KNT	Kendrikon	2.72 249	eP	Pn	17 54 37.2	+0.4
KNT	Kendrikon	2.72 249	eP	Pn	17 54 37.2	+0.4
SILT	Sile	2.75 111	ePN	Pn	17 54 38.2	+0.9
SILT	Sile	2.75 111	ePN	Pn	17 54 38.2	+0.9
TIRR	Tirgusor	2.75 34	ePN	Pb	17 54 40.1	-1.9
TIRR	Tirgusor	2.75 34	ePN	Pb	17 54 40.1	-1.9
TIRR	Tirgusor	2.75 34	S	Sb	17 55 18.8	+2.4
TIRR	Tirgusor	2.75 34	S	Sb	17 54 41.2	-0.8
TIRR	Tirgusor	2.75 34	iP	Pb	17 54 41.2	-0.8
HARR	Harsova	2.76 11	S	Sg	17 55 19.4	-1.3
HARR	Harsova	2.76 11	S	Sg	17 55 19.4	-1.3
HARR	Harsova	2.76 11	S	Sg	17 54 42.6	+0.2
HARR	Harsova	2.76 11	S	Sg	17 54 42.6	+0.2
HARR	Harsova	2.76 11	S	Sg	17 54 42.6	+0.2
PLG	Polygyros	2.79 230	eP	Pb	17 54 44.2	+1.4
PLG	Polygyros	2.79 230	eP	Pb	17 54 44.2	+1.4
GEMT	Gemlik	2.83 128	ePN	Pn	17 54 39.2	+0.8
GEMT	Gemlik	2.83 128	ePN	Pn	17 54 39.2	+0.8
BALB	Balikesir	2.84 154	ePN	Pn	17 54 39.3	+0.8
BALB	Balikesir	2.84 154	ePN	Pn	17 54 39.3	+0.8
HORT	Hortiatiss	2.86 237	ePN	Pn	17 54 42.3	-1.7
HORT	Hortiatiss	2.86 237	ePN	Pn	17 54 42.3	-1.7
HORT	Hortiatiss	2.86 237	ePN	Pn	17 54 42.3	-1.7
ZAPS	Zavoj	2.87 293	ePN	Pn	17 54 39.7	+0.7
ZAPS	Zavoj	2.87 293	ePN	Pn	17 54 39.7	+0.7
VAY	Valandovo	2.89 253	eSN	Sn	17 55 15.9	+1.4
VAY	Valandovo	2.89 253	eSN	Sn	17 55 15.9	+1.4
HRT	Hereke	2.92 117	ePN	Pn	17 54 40.3	+0.7
HRT	Hereke	2.92 117	ePN	Pn	17 54 40.3	+0.7
PAIG	Paliouri	2.99 221	eP	Pn	17 54 39.6	-1.0
PAIG	Paliouri	2.99 221	eP	Pn	17 54 39.6	-1.0
DURS	Dursunbey	3.10 146	iP	Pn	17 54 43.1	+1.0
DURS	Dursunbey	3.10 146	iP	Pn	17 54 43.1	+1.0
DURS	Dursunbey	3.10 146	iP	Pn	17 55 19.1	-0.7
DURS	Dursunbey	3.10 146	iP	Pn	17 54 43.1	+1.0
GRG	Griva	3.14 248	ePN	Pn	17 54 46.1	+3.4
GRG	Griva	3.14 248	ePN	Pn	17 54 46.1	+3.4
GRG	Griva	3.14 248	ePN	Pn	17 54 46.1	+3.4
DST	Dursunbey	3.15 145	ePN	Pn	17 54 43.9	+1.0
DST	Dursunbey	3.15 145	ePN	Pn	17 54 43.9	+1.0
DKL	Dikili	3.17 171	ePN	Pn	17 54 44.2	+1.2
DKL	Dikili	3.17 171	ePN	Pn	17 54 44.2	+1.2
CFR	Carcaliu	3.27 24	iP	Pb	17 54 49.6	-1.3
CFR	Carcaliu	3.27 24	iP	Pb	17 54 49.6	-1.3
CFR	Carcaliu	3.27 24	iP	Pb	17 55 32.3	+1.1
CFR	Carcaliu	3.27 24	iP	Pb	17 54 49.6	-1.3
CFR	Carcaliu	3.27 24	iP	Pb	17 54 49.6	-1.3
MLR	Muntele Rosu	3.29 356	iP	Pn	17 54 47.1	+2.2
MLR	Muntele Rosu	3.29 356	iP	Pn	17 54 47.1	+2.2
BARS	Barje	3.32 282	ePN	Pn	17 55 41.1	+1.8
BARS	Barje	3.32 282	ePN	Pn	17 55 41.1	+1.8
BARS	Barje	3.32 282	ePN	Pn	17 54 45.7	+0.4
BARS	Barje	3.32 282	ePN	Pn	17 55 41.1	+1.8
VOIR	Voivodina	3.35 345	iP	Sb	17 54 46.8	+1.2
VOIR	Voivodina	3.35 345	iP	Sb	17 55 31.5	-2.0
VOIR	Voivodina	3.35 345	iP	Sb	17 54 46.8	+1.2
TLCR	Tolosa	3.52 31	S	Sb	17 55 38.7	+0.5
TLCR	Tolosa	3.52 31	S	Sb	17 55 38.7	+0.5
BOVS	Bovan	3.63 295	iP	Pn	17 54 50.3	+0.9
BOVS	Bovan	3.63 295	iP	Pn	17 54 50.3	+0.9
BOVS	Bovan	3.63 295	iP	Pn	17 55 31.0	-1.8
BOVS	Bovan	3.63 295	iP	Pn	17 54 50.3	+0.9
BOVS	Bovan	3.63 295	iP	Pn	17 55 31.0	-1.8
PLOR	Plostina	3.66 4	iP	Pn	17 54 52.8	+0.2
PLOR	Plostina	3.66 4	iP	Pn	17 54 52.8	+0.2
GULT	Gulveren	3.67 117	ePN	Pn	17 54 51.2	+1.2
GULT	Gulveren	3.67 117	ePN	Pn	17 54 51.2	+1.2
DEMI	Demirci	3.67 148	iP	Pn	17 54 51.2	+1.2
DEMI	Demirci	3.67 148	iP	Pn	17 54 51.2	+1.2
DEMI	Demirci	3.67 148	iP	Pn	17 55 34.2	+0.3
DEMI	Demirci	3.67 148	iP	Pn	17 55 34.2	+0.3
DEMI	Demirci	3.67 148	iP	Pn	17 55 34.2	+0.3
VRI	Vrincioaia	3.68 5	iP	Pn	17 54 52.8	+2.7
VRI	Vrincioaia	3.68 5	iP	Pn	17 55 41.5	-1.4
VRI	Vrincioaia	3.68 5	iP	Pn	17 54 52.8	+2.7
DOPR	Dopca	3.81 351	iP	Pn	17 54 42.2	+2.3
DOPR	Dopca	3.81 351	iP	Pn	17 54 42.2	+2.3
DOPR	Dopca	3.81 351	iP	Pn	17 55 42.2	+4.9
DOPR	Dopca	3.81 351	iP	Pn	17 55 42.2	+4.9
SELS	Selova	3.92 287	ePN	Pn	17 54 52.8	-0.5
SELS	Selova	3.92 287	ePN	Pn	17 54 52.8	-0.5
KUBS	Kucevo	4.00 305	ePN	Pn	17 54 55.2	+0.7
KUBS	Kucevo	4.00 305	ePN	Pn	17 54 55.2	+0.7
GZR	Gura Zlata	4.06 323	iP	Pn	17 54 55.2	-0.1
GZR	Gura Zlata	4.06 323	iP	Pn	17 54 55.2	-0.1
GZR	Gura Zlata	4.06 323	iP	Pn	17 55 46.0	-2.9
GZR	Gura Zlata	4.06 323	iP	Pn	17 54 56.1	+0.8
GZR	Gura Zlata	4.06 323	iP	Pn	17 54 55.2	-0.1
GZR	Gura Zlata	4.06 323	iP	Pn	17 54 55.2	-0.1
GZR	Gura Zlata	4.06 323	iP	Pn	17 55 40.6	-2.9

GZR			S	Sb	17 55 44.3	-1.0
GRUS	Gruza	4.39 294	iP	Pn	17 54 59.8	0.0
GRUS			eSN	Pn	17 55 49.4	-2.1
GRUS	Gruza	4.39 294	iP	Pn	17 54 59.8	0.0
GRUS			eSN	Pn	17 55 49.4	-2.1
AYDB	Zeytinli-Koy-Aydi	4.43 163	ePN	Pn	17 55 00.7	+0.1
AYDB	Zeytinli-Koy-Aydi	4.43 163	ePN	Pn	17 55 00.7	+0.1
KHAL	Karahalli	4.56 146	iP	Pn	17 55 03.9	+1.6
KHAL	Karahalli	4.56 146	iP	Pn	17 55 03.9	+1.6
KHAL			iP	Pn	17 55 03.9	+1.6
KHAL	Karahalli	4.56 146	iP	Pn	17 55 03.9	+1.6
KHAL			iP	Pn	17 55 03.9	+1.6
TRUJEL	Trudjel	4.72 297	ePN	Pn	17 55 04.6	+0.2
TRUJEL	Trudjel	4.72 297	ePN	Pn	17 55 04.6	+0.2
BZS	Buzias	4.78 317	iP	Pn	17 55 05.2	0.0
BZS	Buzias	4.78 317	iP	Pn	17 55 05.2	0.0
BZS	Buzias	4.78 317	iP	Pn	17 55 04.4	-0.8
BZS	Buzias	4.78 317	iP			

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ARS, ARZ, PSZ, KOLS, WTTA, WTTM, PKTM, DAVOX, etc.

DDA 19 19:16:32.1,39.46N,33.02E,h15km,MD3.0
ISK 19 19:16:32.9,39.46N,33.05E,h5km,MD3.1
CSEM 19 19:16:32.8,0.2,39.46N,33.01E,h2km,MD3.1,Error

ISCJB 19 19:16:33.1,0.4,39.45N,0.02,33.03E,0.03,h4km,3km,Error ellipse: s-maj=4.0km s-min=3.6km az=154.7

ISC 19 19:16:33.0,0.8,39.47N,0.02,33.03E,0.02,h6km,5km,n46,az079/69,Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AFSR, BBAL, LOD, KAMT, SERE, CHBY, etc.

GUC 19 19:44:09.5,0.7,34.58S,71.99W,h19km,2dkm,ML3.4,IC-10, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like U65B, NICh, U73B, TALC, etc.

ISC 19 19:44:17.4,2.5,33.30S,69.02W,h0km,mb3.8/1,mb1.4/1.3,mb1mx3.6/22,mbmp4.0/3,ML4/4/2,Error ellipse: s-maj=33.8km s-min=27.2km az=92.2

SJA 19 19:44:19.2,1.6,33.16S,69.21W,h11km,6km,ML3.5,MW4.3

GUC 19 19:44:20.4,0.4,33.10S,69.16W,h15km,4km,ML3.3

ISC 19 19:44:18.7,1.2,33.21S,0.04,69.09W,0.04,h11km,9km,n27,az74/39,2C-3D,Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AAGR, ARCO, ASAL, AUSP, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PEL, RTLS, RCV, RCDM, etc.

NAO 19 19:49:43.7,3.4,67.47N,20.17E,ML2.2
ISCJB 19 19:49:48.0,1.1,67.83N,0.04,20.3E,0.12,h0km,Error ellipse: s-maj=5.0km s-min=5.1km az=169.9

CSEM 19 19:49:49.7,0.7,67.89N,20.41E,h2km,ML2.0,Error ellipse: s-maj=14.9km s-min=7.0km az=76.0,Mining explosion.

HEL 19 19:49:49.0,0.5,67.86N,20.20E,h0km,ML2.0,Explosion
ISC 19 19:49:48.5,1.5,67.83N,0.04,20.3E,0.07,h0km,n26,az159/42,Sweden

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

ISC 19 19:40:33.8,1.0,55.82S,26.71W,h0km,mb3.9/3,mb1.4/1.3,mb1mx3.8/18,mbmp3.9/3,MS3.5/1,Ms1.3.4/1,ms1mx3.0/13,Error ellipse: s-maj=42.5km s-min=29.8km az=83.0,South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BOSA, Vnda, H10S2, etc.

ISCJB 19 20:04:55.7,1.0,2.4'S,0.1'x1.79'E,0.2,h507km,mb3.5/4,Error ellipse: s-maj=24.6km s-min=14.3km az=109.5

ISC 19 20:04:55.2,8.6,2.4'S,0.1'x1.79'E,0.2,h507km,n7,az091/6,mb3.5/4,South of Fiji Islands

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

NOA NORSAR Array B143.04 351 PKP PKPab comp=Z,0.3nm,0.5s,baz=15,slow=4.8,SNR=4.0

ISCJB 19 20:35:48.1,0.5,10.83N,0.04,62.04W,0.03,h71km,6km,Error ellipse: s-maj=7.9km s-min=4.3km az=149.6

TRN 19 20:35:51.3,10.94N,61.93W,h53km,MD2.9
FUN 19 20:35:52.3,10.75N,62.09W,h54km,MW2.8
ISC 19 20:35:48.1,1.3,10.83N,0.04,62.03W,0.03,h76km,9km,n19,az188/33,3D,Near coast of Venezuela

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

IDC 19 20:44:45.5,1.1,2.08N,96.66E,h0km,mb4.1/1.1,mb1.4/3/13,mb1mx4.0/40,mbmp4.1/13,ML3.8/2,MS3.2/5,Ms1.3/3.5,ms1mx3.0/29,Error ellipse: s-maj=28.2km s-min=16.9km az=39.0

ISCJB 19 20:44:49.8,0.7,2.04N,0.05,96.64E,0.05,h48km,5km,mb4.2/1.6,MS3.3/2,Error ellipse: s-maj=9.8km s-min=6.4km az=38.4

NEIC 19 20:44:50.7,0.5,2.15N,96.72E,h35km,mb4.3/6,Error ellipse: s-maj=11.7km s-min=6.8km az=51.0

DJA 19 20:44:50.0,0.6,2.14N,97.7E,h40km,7km,M4.5/8,mb4.7/1,mb4.7/1,MLv4.4/8,MW(MB)4.0/1

ISC 19 20:44:50.5,0.7,2.04N,0.05,96.64E,0.06,h39km,3km,n50,az127/44,mb4.2/1.6,Northern Sumatara

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

KRAB 19 20:44:50.0,0.6,2.14N,97.7E,h40km,7km,M4.5/8,mb4.7/1,mb4.7/1,MLv4.4/8,MW(MB)4.0/1

SRI 19 20:44:50.0,0.6,2.14N,97.7E,h40km,7km,M4.5/8,mb4.7/1,mb4.7/1,MLv4.4/8,MW(MB)4.0/1

CHBT 19 20:44:50.0,0.6,2.14N,97.7E,h40km,7km,M4.5/8,mb4.7/1,mb4.7/1,MLv4.4/8,MW(MB)4.0/1

UTTA 19 20:44:50.0,0.6,2.14N,97.7E,h40km,7km,M4.5/8,mb4.7/1,mb4.7/1,MLv4.4/8,MW(MB)4.0/1

CMAR 19 20:44:50.0,0.6,2.14N,97.7E,h40km,7km,M4.5/8,mb4.7/1,mb4.7/1,MLv4.4/8,MW(MB)4.0/1

CMAR 19 20:44:50.0,0.6,2.14N,97.7E,h40km,7km,M4.5/8,mb4.7/1,mb4.7/1,MLv4.4/8,MW(MB)4.0/1

PALK 19 20:44:50.0,0.6,2.14N,97.7E,h40km,7km,M4.5/8,mb4.7/1,mb4.7/1,MLv4.4/8,MW(MB)4.0/1

CHTO 19 20:44:50.0,0.6,2.14N,97.7E,h40km,7km,M4.5/8,mb4.7/1,mb4.7/1,MLv4.4/8,MW(MB)4.0/1

CHTO 19 20:44:50.0,0.6,2.14N,97.7E,h40km,7km,M4.5/8,mb4.7/1,mb4.7/1,MLv4.4/8,MW(MB)4.0/1

CMHT 19 20:44:50.0,0.6,2.14N,97.7E,h40km,7km,M4.5/8,mb4.7/1,mb4.7/1,MLv4.4/8,MW(MB)4.0/1

CRAI 19 20:44:50.0,0.6,2.14N,97.7E,h40km,7km,M4.5/8,mb4.7/1,mb4.7/1,MLv4.4/8,MW(MB)4.0/1

H0S2 19 20:44:50.0,0.6,2.14N,97.7E,h40km,7km,M4.5/8,mb4.7/1,mb4.7/1,MLv4.4/8,MW(MB)4.0/1

H0S3 19 20:44:50.0,0.6,2.14N,97.7E,h40km,7km,M4.5/8,mb4.7/1,mb4.7/1,MLv4.4/8,MW(MB)4.0/1

LSA 19 20:44:50.0,0.6,2.14N,97.7E,h40km,7km,M4.5/8,mb4.7/1,mb4.7/1,MLv4.4/8,MW(MB)4.0/1

H01W3 19 20:44:50.0,0.6,2.14N,97.7E,h40km,7km,M4.5/8,mb4.7/1,mb4.7/1,MLv4.4/8,MW(MB)4.0/1

H01W2 19 20:44:50.0,0.6,2.14N,97.7E,h40km,7km,M4.5/8,mb4.7/1,mb4.7/1,MLv4.4/8,MW(MB)4.0/1

H01W1 19 20:44:50.0,0.6,2.14N,97.7E,h40km,7km,M4.5/8,mb4.7/1,mb4.7/1,MLv4.4/8,MW(MB)4.0/1

WRA 19 20:44:50.0,0.6,2.14N,97.7E,h40km,7km,M4.5/8,mb4.7/1,mb4.7/1,MLv4.4/8,MW(MB)4.0/1

WRAB 19 20:44:50.0,0.6,2.14N,97.7E,h40km,7km,M4.5/8,mb4.7/1,mb4.7/1,MLv4.4/8,MW(MB)4.0/1

ASAR 19 20:44:50.0,0.6,2.14N,97.7E,h40km,7km,M4.5/8,mb4.7/1,mb4.7/1,MLv4.4/8,MW(MB)4.0/1

EKS2 19 20:44:50.0,0.6,2.14N,97.7E,h40km,7km,M4.5/8,mb4.7/1,mb4.7/1,MLv4.4/8,MW(MB)4.0/1

MKAR 19 20:44:50.0,0.6,2.14N,97.7E,h40km,7km,M4.5/8,mb4.7/1,mb4.7/1,MLv4.4/8,MW(MB)4.0/1

CPBX	eS	Sg	21 51 51.9	+0.1
CPBX	IAML		21 51 53.0	
comp=E,1j,m,0.3s	e		21 51 53.0	
CPBX	1e		21 51 54.0	
CPBX	IAML		21 51 54.0	
comp=N,1j,m,0.2s	eP	Pb	21 51 45.3	+0.2
BAR	eS	Sg	21 51 53.4	0.0
BAR	eS	Pb	21 51 45.3	+0.2
OKR	eP	Pb	21 51 47.2	+0.3
CBX	eP	Pb	21 51 47.0	-0.7
RDX	eS	Pb	21 51 56.9	-1.5
RDX	IAML		21 51 58.1	
comp=N,93nm,0.2s	e		21 51 58.1	
RDX	eP	Pg	21 51 49.2	+0.2
SDRC	eP	Pb	21 51 49.9	-0.5
GLA	eP	Pb	21 52 02.5	-0.5
GLA	eS	Pb	21 51 50.7	-0.3
PFO	eS	Pb	21 52 04.0	+0.1
Pinyon Flat Ob	eS	Pb	21 51 58.5	-0.2
ECBX	eS	Pb	21 52 17.0	0.0
ECBX	eS	Pb	21 52 18.2	-1.5
GSC	eP	Pn	21 52 16.1	+0.7
Goldstone	eP	Pn		
214A	eP	Pn		

ISCJB 19 22:01:46.4+0.2,35.620N,0.010-97.26W;0.01, h11km,1km, Error ellipse: s-maj=1.8km s-min=1.6km az=11.4

NEIC 19 22:01:47.0,35.61N,-97.25W,h5km,MW3.5,MN3.6(TUL), Moment Tensor Solution. s25 Moment tensor: Scale 1014Nm; Mw-0.11; Mw0.76; Mw-0.64; Mw0.01; Mw-1.76; Mw-0.70; Best double couple: Mc2.00000x1014 NP1: q280.00000°,s70.00000°,s-5.00000°. NP2: q2.12.00000°,s85.00000°,s-160.00000°. Principal axes: T 0.20000, P1g11.00000°, Azm144.00000°; N 0.00000, P1g69.00000°, Azm24.00000°; P -2.02000, P1g17.00000°, Azm238.00000°;

NEIC Felt [IV] at Jones; [III] at Arcadia, Choctaw, Harrah and Luther; [II] at Edmond and Oklahoma City. Also felt at Meeker, Newalla, Prague and Spencer.

ISC 19 22:01:46.9+0.3,35.52N,0.02-97.23W;0.02,h9km,5km, n228,e088/278, Oklahoma

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
OK005	Luther M Schoo	0.05	43	iP	Pg	22 01 48.7 -0.1
OK001	Jones High Sch	0.07	219	iP	Pg	22 01 48.5 -0.6
OK002	Wilshire Harra	0.07	157	iP	Pg	22 01 49.2 +0.1
OK003	Hefner Road	0.11	230	iP	Pg	22 01 48.9 -0.6
OK003				iS	Sg	22 01 50.5 -0.9
OK007	Harrah City Ha	0.14	156	iP	Pg	22 01 50.1 0.0
OK006	Choctaw High	0.14	195	iP	Pg	22 01 49.9 -0.2
OK006				iS	Sg	22 01 52.3 -0.1
OK008	Spencer City H	0.17	228	iP	Pg	22 01 50.2 -0.2
OK008				iS	Sg	22 01 52.8 -0.1
OK004	Okl Sci Mus	0.22	244	iP	Pg	22 01 51.2 -0.2
V34A	Guthrie	0.32	313	P	Sg	22 01 53.2 +0.1
V34A				S	Sg	22 01 57.8 +0.4
V34A				G	Pg	22 01 53.1 -0.1
V35A	Meyer Ranch, C	0.35	66	P	Sg	22 01 54.3 +0.4
V35A				S	Sg	22 01 59.4 +0.9
W35A	Tecumseh	0.55	148	P	Pg	22 01 57.5 -0.1
W35A				S	Sg	22 02 04.8 0.0
W34A	Bridge Creek,	0.58	229	P	Pg	22 01 57.9 -0.3
W34A				S	Sg	22 02 06.2 +0.3
W34A				Pg	Pg	22 01 57.8 -0.3
U34A	Anderson Ranch	0.85	343	P	Pg	22 02 03.1 -0.2
U34A				S	Sb	22 02 15.0 -0.4
U34A				eP	Pg	22 02 03.0 -0.3
U35A	Pawnee	0.85	28	P	Pg	22 02 02.9 -0.4
U35A				S	Sg	22 02 14.8 +0.4
V33A	Lossen Ranch,	0.88	284	P	Pg	22 02 03.4 -0.5
V33A				S	Sg	22 02 15.6 +0.4
W36A	Wetumka	0.95	120	P	Pg	22 02 04.4 -0.8
W36A				S	Sg	22 02 17.6 +0.1
V36A	Jenks	1.06	81	P	Pg	22 02 06.2 -1.1
V36A				S	Sg	22 02 21.3 +0.2
U33A	Lingo Farm, Me	1.08	319	P	Pg	22 02 07.0 -0.7
U33A				S	Sb	22 02 22.6 +0.7
W33A	Caddo, Fort Co	1.11	246	P	Pg	22 02 07.7 -0.5
W33A				S	Sb	22 02 23.5 +0.7
X34A	Smith Ranch, M	1.13	206	P	Pg	22 02 08.1 -0.4
X34A				S	Sb	22 02 23.9 +0.7
TUL1	Tulsa	1.21	76	P	Pg	22 02 08.7 -1.3
TUL1				S	Sg	22 02 25.5 -0.2
TUL1				eP	Pg	22 02 08.7 -1.3
X35A	Drake	1.23	170	P	Pg	22 02 09.3 -1.3
X35A				S	Sg	22 02 26.1 -0.5
X36A	Centrahoma	1.27	145	P	Pg	22 02 10.0 -1.2
X36A				S	Sb	22 02 27.8 +0.5
T34A	McClaskey Farm	1.40	1	P	Pn	22 02 12.7 +0.2
T34A				S	Sn	22 02 32.0 +0.8
T35A	Sooner Cattle	1.42	24	P	Pn	22 02 12.7 -0.1
T35A				S	Sn	22 02 32.4 +0.8
U36A	Oologah	1.44	57	P	Pn	22 02 12.8 -0.2
U36A				S	Sg	22 02 32.9 -0.3
V32A	Arapaho	1.48	274	P	Pn	22 02 13.8 +0.1
V32A				S	Sg	22 02 34.5 +0.1
X33A	Lawton	1.50	224	P	Pn	22 02 13.4 -0.4
X33A				S	Sn	22 02 34.0 +0.5
WMOK	Wichita Mounta	1.54	236	ePn	Pn	22 02 31.1 -0.4
WMOK				eS	Sn	22 02 33.9 -0.7
W37A	Quinton	1.55	107	P	Pn	22 02 14.9 +0.3
W37A				S	Sg	22 02 36.3 -0.5
U32A	Winter Ranch,	1.62	298	P	Pn	22 02 16.1 +0.5
U32A				S	Sg	22 02 38.6 -0.4
T33A	Patterson Ranc	1.67	331	P	Pn	22 02 17.1 +0.8
T33A				S	Sb	22 02 39.9 +0.9
Y34A	Reagan Ranch,	1.71	195	P	Pn	22 02 17.0 +0.2
Y34A				S	Sb	22 02 40.2 +0.1
Y35A	Marietta	1.72	175	P	Pn	22 02 17.6 +0.8
Y35A				Sb	Sg	22 02 41.8 -0.2

W32A	Sentinel	1.72	254	P	Pn	22 02 17.4 +0.5
V37A	Hulbert	1.72	81	P	Pn	22 02 17.5 +0.5
T36A	Boogs Farm, Ca	1.81	37	P	Pn	22 02 18.8 +0.6
X37A	Clayton	1.84	123	P	Pn	22 02 19.4 +0.8
Y36A	Durant	1.88	155	P	Pn	22 02 20.0 +0.8
Y36A				Sb	Sg	22 02 46.7 -0.7
U37A	Salina	1.89	65	P	Pn	22 02 20.1 +0.9
Y33A	Hilltop Ranch,	1.97	216	P	Pn	22 02 21.4 +0.9
X32A	Elmer	2.06	235	P	Pn	22 02 23.1 +1.4
S32A	Nezmaul Farm,	2.07	343	P	Pn	22 02 22.2 +0.5
T32A	Huddler Ranch,	2.07	319	P	Pn	22 02 23.1 +1.3
S34A	Willow Spring	2.08	3	P	Pn	22 02 22.7 +0.8
Y37A	Hugo	2.11	140	P	Pn	22 02 23.0 +0.8
V31A	Spring Creek L	2.13	275	P	Pn	22 02 24.1 +1.5
X38A	Whitesboro	2.19	115	P	Pn	22 02 24.5 +1.1
S35A	Otter Creek Ra	2.19	19	P	Pn	22 02 24.1 +0.7
U31A	Nine Bar Ranch	2.25	290	P	Pn	22 02 25.4 +1.1
W31A	Holland Ranch,	2.26	260	P	Pn	22 02 25.3 +1.0
Z35A	Perchaven, San	2.28	180	P	Pn	22 02 25.4 +0.7
W38A	Poteau	2.29	103	P	Pn	22 02 25.6 +0.9
V38A	Caneblow	2.31	83	P	Pn	22 02 26.2 +1.1
Z34A	Collier Ranch,	2.31	194	P	Pn	22 02 26.5 +1.4
T37A	Cheneyville 18	2.40	51	P	Pn	22 02 27.5 +1.3
Y32A	R-V Farms, Ver	2.43	229	P	Pn	22 02 27.9 +1.2
Z36A	Blue Ridge	2.43	164	P	Pn	22 02 27.8 +1.1
U38A	Gravette	2.45	70	P	Pn	22 02 28.1 +1.1
X31A	McDonald Ranch	2.46	247	P	Pn	22 02 28.0 +0.9
T31A	Randall Ranch,	2.46	308	P	Pn	22 02 28.2 +1.0
S36A	Lake Cedric, C	2.48	32	P	Pn	22 02 28.2 +0.8
S32A	Newby Ranch, P	2.49	327	P	Pn	22 02 28.5 +1.0
Z33A	Whitaker Ranch	2.65	209	P	Pn	22 02 30.7 +1.0
Y38A	Isabel	2.66	129	P	Pn	22 02 30.3 +0.4
R34A	Idabella, Hill	2.68	360	P	Pn	22 02 31.5 +1.4
S31A	Mullinville	2.70	318	P	Pn	22 02 31.2 +0.8
R33A	Olander Ranch,	2.75	348	P	Pn	22 02 32.1 +0.9
Z37A	Pogue Cattle C	2.76	151	P	Pn	22 02 31.8 +0.6
W30A	Crocket Farms	2.77	262	P	Pn	22 02 31.8 +0.5
V30A	Spur Ranch, Mi	2.82	274	P	Pn	22 02 33.5 +1.4
R35A	Emporia Ranch	2.82	17	P	Pn	22 02 33.1 +1.0
S37A	Fort Scott	2.88	41	P	Pn	22 02 33.9 +1.0
U30A	WK&E Inc. Balk	2.91	289	P	Pn	22 02 34.5 +1.1
Z32A	Haskell	2.96	219	P	Pn	22 02 34.7 +0.7
Y31A	Rekieta Farm,	2.99	237	P	Pn	22 02 35.5 +1.0
Z38A	Mt. Pleasant	3.01	141	P	Pn	22 02 34.7 +0.1
T30A	Plains	3.02	299	P	Pn	22 02 36.1 +1.2
R36A	Gordon, Harris	3.03	27	P	Pn	22 02 35.6 +0.6
R32A	Long Quarter,	3.04	338	P	Pn	22 02 36.1 +1.0
Y39A	Locksburg	3.08	122	P	Pn	22 02 36.5 +0.9
134A	White-Moore Ra	3.12	193	P	Pn	22 02 36.9 +0.8
MIAR	Mount Ida	3.19	109	P	Pn	22 02 38.2 +1.2
MIAR	Mount Ida	3.19	109	ePn	Pn	22 02 38.3 +1.2
MIAR				eS	Sn	22 03 16.4 +1.2
136A	Ennis	3.19	169	P	Pn	22 02 37.9 +0.7
X30A	Coker Ranch, T	3.21	250	P	Pn	22 02 38.0 +0.5
R31A	Burdett	3.24	326	P	Pn	22 02 39.4 +1.6
137A	Hen Place, G	3.25	157	Pb	Pb	22 02 44.8 0.0
S30A	Montezuma	3.29	309	P	Pn	22 02 40.0 +1.4
Q34A	Chapman	3.31	4	P	Pn	22 02 39.5 +0.8
R37A	Teagarden Farm	3.31	35	P	Pn	22 02 39.8 +1.0
133A	Hamilton Ranch	3.31	205	P	Pn	22 02 39.8 +1.0
Z31A	Sharp Cattle R	3.32	227	P	Pn	22 02 39.8 +0.7
Q35A	Mercer Eighty,	3.37	16	P	Pn	22 02 40.2 +0.6
U29A	Oasis Ranch, S	3.38	285	P	Pn	22 02 40.8 +1.0
Q33A	Connely Farm,	3.41	352	P	Pn	22 02 40.7 +0.6
138A	Matall Enter	3.44	148	P	Pn	22 02 41.1 +0.4
V29A	Stinnett	3.50	275	P	Pn	22 02 42.1 +0.7
KSU1	Kansas State U	3.51	8	P	Pn	22 02 42.6 +1.0
KSU1				ePn	Pn	22 02 42.7 +1.0
KSU1				eSg	Sg	22 03 39.2 -0.4
Q32A	Meitler Ranch	3.53	343	P	Pn	22 02 42.4 +0.5
ABTX	Abilene, Hawle	3.59	214	P	Pn	22 02 42.9 +0.1
ABTX	Abilene, Hawle	3.59	214	ePn	Pn	22 02 42.9 +0.1
ABTX				eS	Sn	22 03 24.2 -1.1
R30A	Dighton	3.61	318	P	Pn	22 02 44.0 +1.0
T29A	Hugoton	3.62	296	P	Pn	22 02 43.9 +0.8
Q36A	Arnold C, Orv	3.62	22	P	Pn	22 02 44.1 +1.0
WHTX	Lake Whitney	3.62	183	P	Pn	22 02 43.3 +0.2
WHTX	Lake Whitney	3.62	183	ePn	Pn	22 02 43.6 +0.5
W29A	Amrill	3.64	263	P	Pn	22 02 44.2 +0.8
236A	Katherine and	3.65	171	Pb	Pb	22 02 51.6 0.0
234A	Clairette	3.68	192	P	Pn	22 02 44.6 +0.7
S29A	Ulysses	3.71	304	P	Pn	22 02 45.4 +1.1
AMTX	Amarillo	3.71	260	P	Pn	22 02 45.4 +1.0
AMTX				ePn	Pn	22 02 45.5 +1.0
CBK5	Cedar Bluff	3.76	329	P	Pn	22 02 45.0 0.0
CBK5				ePn	Pn	22 02 45.9 +0.9
Q31A	Ellis	3.79	334	P	Pn	22 02 46.0 +0.5
237A	Washetta, Mont	3.80	161	P	Pn	22 02 46.5 0.0

P33A	Williams Farm,	3.83	355	P	Pn	22 02 46.4 +0.5
X29A	Tulia	3.85	254	Pb	Pb	22 02 54.2 -0.8
233A	Rising Star	3.85	202	P	Pn	22 02

Table with columns: TUZ, Tuapeka, 3.41 210 Pn, Pn, 23 51 14.5 -0.6, etc.

IDC 19 23:51:32.3, 3.9, 25.75S; 177.38W, h136km, 30km, mb3.4/5, mb1 3.7/6, mb1mx3.5/20, mbtmp3.9/6, Error ellipse: s-maj=38.8km s-min=30.5km az=59.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, h, m, s, ISC, Time, Res

DDA 19 23:57:12.5, 38.13N; 39.03E, h8km, MD2.7 Error ellipse: s-maj=9.4km s-min=5.2km az=14.5

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, h, m, s, ISC, Time, Res

WEL 20 00:15:09.9, 0.1, 43.55S; 171.67E, h5km, ML3.6/14.5C-1D, Error ellipse: s-maj=0.6km s-min=0.6km az=0.0, South Island

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, h, m, s, ISC, Time, Res

JMA 20 00:28:07.8, 0.3, 31.35N; 142.79E, h49km, M3.6, Southeast of Honshu

Table with columns: B504, Boso 4, 4.17 331 P, Pn, 00 29 11.3 +2.5, etc.

ISCJB 20 00:30:02.0, 0.5, 32.11N; 02:115.06W; 0.02, h7km, 3km, mb3.9/3, MS4.2/20, Error ellipse: s-maj=3.4km

NEIC Felt at Estacion Coahuila, Guadalupe Victoria and Rosarito. Also felt at San Luis Rio Colorado, Sonora. Felt [I] at Yuma, Arizona. Also felt at Chandler and Surprise. Felt [II] at San Diego, California. Also felt at Carson, Chula Vista, Julian, Palm Desert and Santee.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, h, m, s, ISC, Time, Res

MONP Monument Peak 1.39 307 P AML 00 30 26.5 -1.9

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, h, m, s, ISC, Time, Res

W18A Petrified Fore 5.42 54 P Pn 00 31 25.1 +1.3

Table with columns: R11A, Troy Canyon, C, 6.29 357 ePn, Pn, 00 31 35.7 0.0, etc.

ISCJB 20 01:25:44.2, 0.6, 6.88S; 154.63E, h0km, mb4.4/12, mb1 4.6/13, mb1mx4.4/28, mbtmp4.4/13, ML2.3/1, MS3.9/13, Ms1 3.9/13, ms1mx3.6/28, Error ellipse: s-maj=25.4km s-min=17.3km az=125.0

ISCJB 20 01:25:49.1, 0.5, 6.89S; 0.08; 154.52E; 0.07, h39km, mb4.5/16, MS3.8/11, Error ellipse: s-maj=11.8km s-min=8.7km az=146.1

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, h, m, s, ISC, Time, Res

IDC 20 01:25:44.2, 0.6, 6.88S; 154.63E, h0km, mb4.4/12, mb1 4.6/13, mb1mx4.4/28, mbtmp4.4/13, ML2.3/1, MS3.9/13, Ms1 3.9/13, ms1mx3.6/28, Error ellipse: s-maj=25.4km s-min=17.3km az=125.0

20d 1h

2010 SEP

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Main table containing astronomical data for 2010 September, listing various objects like stars, galaxies, and planets with their coordinates and magnitudes.

Table with columns: Code, Station Name, Az, Phase ID, ISC, h, m, s, Res. It lists observation details for various stations and objects.

MKAN Makanchi Array 68.24 327 P P 02 47 04.7 -0.1
TORD Torodi Ar. Bea 128.51 281 PKP PKPdf 02 55 10.5 -0.3

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Mitsune, Kozaga, Boso 3, Boso 1, Yasato, Hitachi, Kawachi.

CSEM 20 02:54:49.5, 38°40'N-21°84'E, h8km, ML1.3/7
THE 20 02:54:49.5, 38°40'N-21°84'E, h8km, ML1.3/7, Error ellipse: s-maj=2.0km s-min=0.5km az=98.0, Greece

Large table listing stations in Greece with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Efpalio, University Cam, Lakka, Kalithea, Paravola, Kalavryta, Achaia, etc.

SKO 20 02:54:51.9, 40°66'N-20°89'E, h19km, M2.2, ML2.5
CSEM 20 02:54:51.8, 40°65'N-20°93'E, h2km, ML2.6, Error ellipse: s-maj=2.3km s-min=1.9km az=72.0

ATH 20 02:54:51.3, 40°64'N-20°89'E, h21km, 1km, MD3.3/10
THE 20 02:54:52.1, 40°67'N-20°92'E, h3km, 1km, ML2.6/18, Error ellipse: s-maj=1.4km s-min=0.6km az=273.0

PDG 20 02:54:52.1, 40°65'N-20°93'E, h10km, ML3.0/10, Error ellipse: s-maj=0.6km s-min=0.8km az=0.0

ISO 20 02:54:53.6, 0.9, 40°74'N-20°88'E, h8km, 4km, ML2.6/8
BEO 20 02:54:51.7, 1.0, 40°66'N-01°20'91"E-0.01, h3km, 8km, n170, e092/266, 3C-3D, Greece-Albania border region

Table listing stations in the Greece-Albania border region with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Korca, Nestorio, Florina, Ohrid, Sarande, Kozani, Janina, Sarande, Tirane, Peshkopia, Viora, Saggiada, Griva.

Main table listing stations in the Balkans region with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Griva, Igoimenitsa, Kerkira, Litokhoron, Skopje, Thessaloniki, Klokotos Trika, Valandovo, etc.

Table listing stations in the Balkans region (continued) with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Vitoshka, Sjenica, Alonnissos, Drossia, Kalavryta, Achaia, etc.

ISCJB 20 02:54:55.0, 3.0, 27°29'N-0°05'59"E, 0.1, h10km, mb3.7/5, Error ellipse: s-maj=15.3km s-min=6.0km az=13.5

IDC 20 02:54:58.3, 2.9, 27°82'N-59°01'E, h0km, mb3.7/5, mb1 3.8/6, mb1mx3.3/42, mbtmp3.7/6, ML3.9/1, Error ellipse: s-maj=67.3km s-min=26.3km az=151.0

CSEM 20 02:55:03.8, 1.6, 27°20'N-59°07'E, h30km, ML4.0, Error ellipse: s-maj=37.2km s-min=21.2km az=53.0

OMAN 20 02:55:06.5, 3.0, 26°82'N-58°67'E, h0km, Error ellipse: s-maj=28.3km s-min=21.7km az=53.0

ISC 20 02:54:57.4, 1.0, 27°35'N-0°07'59"E, 0.10, h10km, n18, e196/25, mb3.8/5, 6C-6D, Southern Iran

Table listing stations in the Middle East region with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Banom, Ashiyah, Wadi Bani Khal, Samad, Araqi, etc.

TRN 20 03:01:42.5, 15°82'N-60°56'W, h1km, MD3.5, M3.6(F,DF), 2C-9D, Leeward Islands

Table listing stations in the Leeward Islands region with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Desirade, Marie-Galante, Barber's Block, Belle View, etc.

20d 3h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BFO Black Forest, BZS Buzias, LPL La Plagne, etc.

NIED 20 03:17:00, 23°70'N, 121°60'E, h62km, Mw4.9 Best double couple...
MOS 20 03:17:06.0-1.1, 23°63'N, 121°67'E, h33km, mb4.7/32, Error ellipse: s-maj=10.1km s-min=6.5km az=123.4

2010 SEP

Main table of seismic events for 2010 SEP. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HWA Hwalien, EHY Hiyang, TWD Chiung, etc.

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Table of seismic events for 2010 SEP. Columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KAU Kaohsiung, HEN Hengchun, TWK1 Hengchun, etc.

20d 3h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like LPaz, NNA, SIV, etc.

2010 SEP

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like 631A, 336A, 237A, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like WMOK, W329A, W34A, etc.

214A	baz=74, SNR=6.2	74.09 320	P	P	03 36 49.2 +1.3
214A	Organ Pipe Nat	74.09 320	eP	P	03 36 49.1 +1.3
214A	baz=74, SNR=7.8				
R27A	Eads	74.15 331	P	P	03 37 34.6
P30A	Selden	74.17 334	P	P	03 36 49.2 +1.1
M35A	Neola	74.20 338	P	P	03 36 49.0 +0.8
O31A	Woolen Ranch,	74.34 335	P	P	03 36 49.7 +0.6
Q28A	Sharon Springs	74.40 332	P	P	03 36 50.6 +1.0
R26A	Arlington	74.44 331	P	P	03 36 51.1 +1.2
N32A	Stulken Farm,	74.49 336	P	P	03 36 50.7 +0.8
O30A	MW Ranch, Wils	74.64 334	P	P	03 36 51.7 +0.8
L35A	Bielow Farm, R	74.73 338	P	P	03 36 51.3 0.0
P28A	Saint Francis	74.80 333	P	P	03 36 53.2 +1.4
L34A	Svendens Farm,	74.87 337	P	P	03 36 52.6 +0.5
SDCO	Great Sand Dun	74.89 329	eP	P	03 36 53.6 +0.9
SDCO	Great Sand Dun	74.89 329	eP	P	03 36 54.2 +1.6
Q26A	Hugo	74.99 331	P	P	03 36 54.4 +1.3
BGNE	Belgrade	75.00 336	P	P	03 36 54.0 +1.1
P27A	Ficken Ranch,	75.12 332	P	P	03 36 55.1 +1.4
N30A	Hueftle Ranch,	75.19 334	P	P	03 36 55.2 +1.2
M31A	Lambrecht Ranc	75.25 335	P	P	03 36 55.3 +1.0
O28A	Krutsinger Ran	75.28 333	P	P	03 36 54.9 +0.3
P26A	Davis Ranch, A	75.45 331	P	P	03 36 56.2 +0.6
L32A	Elgin	75.47 336	P	P	03 36 55.8 +0.3
S22A	4UR Ranch, Cre	75.50 328	P	P	03 36 57.3 +1.1
S22A	4UR Ranch, Cre	75.50 328	eP	P	03 36 57.1 +1.0
O27A	Beecher Island	75.62 332	P	P	03 36 58.0 +1.5
K33A	Hardington	75.65 337	P	P	03 36 57.2 +0.7
Q24A	Divide	75.73 330	P	P	03 36 57.0 -0.5
J35A	Milford	75.74 339	P	P	03 36 57.1 0.0
MVCO	Mesa Verde	75.87 327	P	P	03 36 59.4 +1.2
MVCO	Mesa Verde	75.87 327	eP	P	03 36 59.2 +1.0
PPT	Papeete	75.88 257	P	P	03 37 00.4 +1.9
J34A	George	75.91 338	P	P	03 36 58.2 +0.2
L31A	Butterfield Fa	75.92 336	P	P	03 36 59.0 +0.9
WUAZ	Wupatki	76.00 324	P	P	03 37 00.4 +1.5
WUAZ	Wupatki	76.00 324	eP	P	03 37 00.3 +1.5
WUAZ					03 37 44.5
L30A	Glamis	76.05 320	P	P	03 37 00.5 +1.5
GLA	Spencer Herefo	76.05 335	P	P	03 37 00.3 +1.5
OGNE	Ogallala	76.08 333	P	P	03 37 00.3 +1.2
I35A	Creekview Farm	76.11 339	P	P	03 36 58.9 -0.2
J33A	Davis	76.28 338	P	P	03 37 00.1 +0.1
K31A	O'Neill	76.28 336	P	P	03 37 00.6 +0.5
TSUM	Tsumeb	76.29 105	P	P	03 37 00.4 -0.6
ECSD	EROS Data Sent	76.53 338	eP	P	03 37 01.5 +0.1
ECSD	EROS Data Cent	76.53 338	eP	P	03 37 00.9 -0.5
ISCO	Idaho Springs	76.62 330	eP	P	03 37 04.1 +1.6
ISCO	Idaho Springs	76.62 330	P	P	03 37 03.2 +0.8
ISCO	Idaho Springs	76.62 330	eP	P	03 37 04.1 +1.6
PV01	Paradox Valley	76.64 327	eP	P	03 37 04.2 +1.7
SPMN	St. Paul	76.71 341	P	P	03 37 02.0 -0.4
SPMN	St. Paul	76.71 341	eP	P	03 37 02.0 -0.4
SMCO	Snowmass	76.73 329	eP	P	03 37 04.9 +1.8
J31A	Geddes	76.86 337	P	P	03 37 03.3 -0.1
K29A	Lazy Trails An	76.97 335	P	P	03 37 04.9 +0.9
IRM	Iron Mountain	77.04 320	P	P	03 37 05.8 +1.3
I32A	Karley and Nic	77.07 338	P	P	03 37 04.8 +0.3
H34A	Spellman Lake,	77.09 339	P	P	03 37 05.1 +0.6
J30A	Dallas	77.16 336	P	P	03 37 05.8 +0.8
K28A	Ten Mile Ranch	77.32 335	P	P	03 37 07.2 +1.2
DLNL	Deer Lake	77.37 6	eP	P	03 37 06.5 +0.6
PFO	Pinyon Flat Ob	77.38 319	P	P	03 37 07.9 +1.3
BELC	Belle Mtn. Jos	77.40 320	P	P	03 37 08.3 +1.5
H33A	Prehn Over Nor	77.41 338	P	P	03 37 07.3 +0.9
H32A	Carlson Farm,	77.48 338	P	P	03 37 06.8 0.0
MAW	Mawson	77.51 162	P	P	03 37 07.3 +0.7
MAW					03 37 48.8 -0.1
J29A	Okreek	77.53 336	P	P	03 37 07.5 +0.4
I30A	Oacoma	77.65 336	P	P	03 37 08.3 +0.5
K27A	Flueckinger Fa	77.65 334	P	P	03 37 09.4 +1.6
N23A	Red Feather La	77.67 331	P	P	03 37 09.5 +1.3
TOAD	Torodi Ar. Sit	77.75 68	eP	P	03 37 07.4 -1.5
TOAD	Torodi Ar. Bea	77.75 68	eP	P	03 37 07.5 -1.4
TORD					03 37 50.0 -1.2
GMRC	Granite Mounta	77.78 321	P	P	03 37 09.7 +0.9
MURC	Murrieta	77.81 319	P	P	03 37 10.4 +1.5
L25A	Engelbretsen Ra	77.87 333	P	P	03 37 10.9 +1.8
J28A	Allard Ranch,	77.88 335	P	P	03 37 10.6 +1.5
J27A	Elkhorn Farm,	78.03 334	P	P	03 37 11.0 +1.1
I29A	Vivian Onida	78.05 336	P	P	03 37 10.2 +0.3
O20A	White River Ci	78.08 329	P	P	03 37 11.4 +1.0
O20A	White River Ci	78.08 329	eP	P	03 37 11.8 +1.4
O20A					03 37 54.9
HEC	Hector,Ludlow	78.19 320	P	P	03 37 12.9 +1.9
K25A	Mack Ranch, Ha	78.22 333	P	P	03 37 12.5 +1.5

SRU	San Rafael	78.35 327	eP	P	03 37 12.8 +0.9
SRU					03 37 55.6
SRU	comp=Z,9.0nm,0.7s				
SRU	San Rafael	78.35 327	eP	P	03 37 12.8 +0.9
SRU	comp=Z,8.7nm,0.7s				
I28A	Midland	78.35 335	P	P	03 37 55.6
D37A	Cotton	78.38 342	P	P	03 37 12.0 +0.4
TUQ	Turquoise Moun	78.40 321	P	P	03 37 11.8 +0.2
J26A	Sides Ranch, S	78.49 334	P	P	03 37 13.9 +1.7
H29A	Onida	78.59 336	P	P	03 37 13.9 +1.5
CCUT	Cedar City	78.59 324	eP	P	03 37 13.1 +0.7
CCUT					03 37 14.9 +1.6
G30A	Faulkton	78.61 337	P	P	03 37 14.9 +1.6
P18A	Preston Nutter	78.62 327	eP	P	03 37 57.4
BOSA	Boshof	78.64 116	P	P	03 37 14.1 +1.2
MSU	Marysvale	78.71 325	eP	P	03 37 15.3 +1.8
MSU					03 37 13.5 -0.3
MSU	comp=Z,4.7nm,0.6s,baz=255,slow=3.9,SNR=168				
MSU	Marysvale	78.71 325	eP	P	03 37 15.0 +1.1
MSU					03 37 58.0
P17A	Butcher Ranch,	78.74 327	eP	P	03 37 15.6 +1.6
I27A	Quinn	78.74 335	P	P	03 37 15.0 +1.1
D35A	Remer	78.76 341	P	P	03 37 14.9 +1.1
GSC	Goldstone	78.80 320	eP	P	03 37 14.3 +0.6
GSC					03 37 16.5 +2.2
GSC	comp=Z,19nm,1.6s				
GSC	Goldstone	78.80 320	P	P	03 37 15.7 +1.3
GSC					03 37 16.5 +2.2
E33A	Westby DABS, E	78.81 340	P	P	03 37 15.1 +1.1
TMUT	Trail Mountain	78.83 326	eP	P	03 37 16.3 +1.6
J25A	Sunshine Ranch	78.84 333	P	P	03 37 16.3 +1.9
EYMN	Ely	78.86 343	P	P	03 37 16.3 +1.9
H28A	Mission Ridge	78.88 336	P	P	03 37 14.6 +0.3
G29A	Hoven	78.94 337	P	P	03 37 15.4 +0.9
F31A	Hecla	78.95 338	P	P	03 37 15.4 +0.7
I26A	New Underwood	79.02 334	P	P	03 37 15.1 +0.3
D34A	Park Rapids	79.09 341	P	P	03 37 16.4 +1.1
EDWZ	Edwards Air Fo	79.18 319	P	P	03 37 16.6 +1.1
G28A	Parade	79.19 336	P	P	03 37 17.1 +1.0
H27A	Hoves	79.23 335	P	P	03 37 17.1 +1.0
I25A	Rochford	79.34 334	P	P	03 37 17.2 +0.8
K22A	Casper	79.35 331	P	P	03 37 18.4 +1.2
E31A	Nome	79.45 339	P	P	03 37 19.1 +1.8
F29A	Eureka	79.46 337	P	P	03 37 18.5 +1.1
H26A	Fairpoint	79.48 335	P	P	03 37 18.5 +1.1
RSSD	Black Hills	79.55 334	eP	P	03 37 18.5 +1.1
RSSD					03 37 19.8 +1.5
RSSD	comp=Z,4.0nm,0.6s				
RSSD	Black Hills	79.55 334	eP	P	03 37 19.8 +1.5
RSSD	comp=Z,4.4nm,0.6s				
RSSD					03 38 04.0 +3.2
O16A	Springville	79.68 327	eP	P	03 37 19.8 +1.5
TPNV	Topopah Spring	79.69 322	eP	P	03 38 04.0 +3.2
TPNV					03 37 14.7 -4.4
TPNV	comp=Z,5.0nm,0.8s				
TPNV	Topopah Spring	79.69 322	eP	P	03 37 20.8 +1.6
TPNV					03 37 20.5 +1.3
E30A	Jud	79.73 338	P	P	03 37 20.8 +1.6
MPMC	Manual Prospec	79.73 320	P	P	03 37 20.6 +1.5
H25A	Fruitdale	79.80 334	P	P	03 37 20.5 +0.9
F28A	McLaughlin	79.81 336	P	P	03 37 20.5 +0.9
G27A	Dupree	79.81 336	P	P	03 37 20.3 +1.0
ARVC	Arvin	79.84 319	P	P	03 37 19.7 +0.1
C33A	Trail	79.87 341	P	P	03 37 21.2 +1.3
DAC	Darwin (Calif)	79.92 320	eP	P	03 37 21.2 +1.3
DAC	Darwin (Calif)	79.92 320	eP	P	03 37 20.1 +0.4
G26A	Maurine	79.99 335	P	P	03 37 22.2 +1.5
ISA	Isabella	80.01 319	P	P	03 37 20.9 +0.4
E29A	Napoleon	80.04 338	P	P	03 37 22.2 +1.3
B34A	Aer3 Baudette	80.20 342	P	P	03 37 21.2 +0.5
G25A	Newell	80.21 335	P	P	03 37 21.2 +0.5
D30A	Buchanan	80.22 338	P	P	03 37 22.0 +0.4
F27A	Lemmon	80.27 336	P	P	03 37 22.0 +0.4
DUG	Dugway	80.31 326	eP	P	03 37 22.2 +0.3
DUG					03 37 24.0 +1.5
DUG	comp=Z,4.0nm,0.8s				
DUG	Dugway	80.31 326	eP	P	03 37 22.9 +0.5
DUG	baz=81, SNR=6.0				
R11A	Troy Canyon,	80.31 326	eP	P	03 37 23.1 +1.5
R11A					03 37 24.1 +1.4
R11A	Troy Canyon, C	80.35 323	eP	P	03 37 23.7 +1.0
AGMN	Agassiz Nation	80.38 341	P	P	03 38 09.4
AGMN					03 37 22.7 +0.3
AGMN	Agassiz Nation	80.38 341	eP	P	03 37 21.8 -0.6
E28A	Hut	80.40 337	P	P	03 37 21.8 -0.6
LBTB	Labotse	80.48 113	P	P	03 37 23.2 +0.5
F26A	Lodgepole	80.49 335	P	P	03 37 23.7 -0.2
YES	Vestal, Richgr	80.49 319	P	P	03 37 24.0 +0.9
C31A	Landman Farms,	80.49 339	P	P	03 37 24.5 +1.2
E27A	Carson	80.58 336	P	P	03 37 24.5 +1.2
C30A	Mose, Pekin	80.65 339	P	P	03 37 23.4 +0.3
B32A	Ashes, Strandq	80.67 340	P	P	03 37 24.0 +0.8
BW06	Boulder Array	80.77 329	eP	P	03 37 24.7 +0.8
HWUT	Hardware Ranch	80.79 328	eP	P	03 37 23.8 -0.2
F25A	Bowman	80.84 335	P	P	03 37 25.9 +0.9
E26A	Carlson Angus	80.94 336	P	P	03 37 25.5 +0.5
B31A	Greenbush Farm	81.03 340	P	P	03 38 09.4
MDND	Maddock	81.14 338	P	P	03 37 25.8 +0.7
MDND					03 37 26.0 +0.5
MDND	Maddock	81.14 338	eP	P	03 37 26.2 +0.3
MDND					03 37 27.1 +0.6
MDND					03 37 27.1 +0.6

D27A	Center	81.15 337	P	P	03 37 27.5 +0.9
B30A	Myrvik Farm, E	81.26 339	P	P	03 37 27.4 +0.3
C28A	Hausser Farms	81.29 338	P	P	03 37 27.9 +0.7
E25A	Miller Ranch,	81.31 335	P	P	03 37 28.1 +0.6
D26A	Manning	81.41 336	P	P	03 37 28.6 +0.6
AHID	Auburn Hatcher	81.47 329	eP	P	03 37 29.9 +1.3
HVU	Hansel Valley	81.50 327	eP	P	03 37 29.4 +0.7
HVU					03 38 11.3
HVU	comp=Z,7.0nm,0.6s				
HVU	Hansel Valley	81.50 327	eP	P	03 37 29.4 +0.7
HVU					03 38 11.3
B29A	Wagenman Farm,	81.60 339	eP	P	03 37 29.7 +0.8
C27A					

T 2.3910, Plg1.0000°, Azm220.0000°: N -0.0980, Plg12.0000°, Azm130.0000°: P -2.2900, Plg78.0000°, Azm314.0000°: nstai refers to body waves, cutoff=40s. nst2a refers to surface waves, cutoff=50s.

ISC 20:04:05:06.6:0.5,44:59N:0.07:130:11W:0.06,15km, n388,01905/357,mb4.6/34,MS3.8/18,Off coast of Oregon

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

Table with columns: EGMT, MSU, RLMT, GMRC, LDFC, BELC, IRM, SRU, GLA, O20A, O20A, LAO, LAO, WUAZ, WUAZ, PV04, PV01, MVCO, MVCO, N23A, DGMT, W18A, 214A, 214A, BMRM, RSSD, ISCO, I25A, J25A, A25A, DIV, KDAD, OHAK, J26A, C26A, SDCO, SDCO, H27A, I27A, YKA, B27A, RC01, O26A, K27A, J27A, SML, PMR, LAZ, PAX, P26A, ANMO, ANMO, Q26A, E28A, F28A, I28A, FFC, T25A, J28A, B28A, LPM, C28A, O27A, K28A, R26A, P27A, 121A, 121A, EGAK, KSCO, S26A, H29A, I29A, MDND, T26A, O28A, R27A, J29A, B29A, A29A, K29A, M29A, Q28A. Lists seismic events with magnitude, location, and time.

Table with columns: E30A, F30A, G30A, D30A, MCK, T27A, J30A, R28A, C30A, O29A, K30A, B30A, TRF, A30A, SUSD, P29A, U27A, ILAR, PPLA, S28A, T28A, F31A, Q29A, H31A, V27A, C31A, E31A, J31A, B31A, COLA, U28A, P30A, K31A, S29A, A31A, V28A, G32A, R31A, O30A, H32A, MNTX, MNTX, K32A, I32A, P31A, S30A, B32A, V29A, Q31A, BGNE, MSTX, X28A, H33A, R31A, U30A, ULM, W29A, I33A, F33A, AGMN, AGMN, AMTX, AMTX, P32A, INK, E33A, ECSD, ECSD, Y28A, X29A, Q32A, T31A, M33A, R32A, Z28A, N33A, H34A, D34A, O33A, J34A, P33A, I28A, B34A. Lists seismic events with magnitude, location, and time.

20d 4h

2010 SEP

Table with columns: ID, Name, Az, El, Az', El', Phase, ID, Time, Res. Rows include K34A Le Mars, L34A Svendsen Farm, X30A Coker Ranch, etc.

Table with columns: ID, Name, Az, El, Az', El', Phase, ID, Time, Res. Rows include 433A Art, 632A Uvalde, X37A Oia Ranch, etc.

Table with columns: ID, Name, Az, El, Az', El', Phase, ID, Time, Res. Rows include H08S2 Diego Garcia H, H08S3 Diego Garcia H, H08S1 Diego Garcia H, etc.

MAN 20 04:25:44, 8.78kN, 122.41E, h78km, mb4.3, ML3.1, MS2.9, 2C, MINDANO

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include DCPH Dipolog City, IPIL Ipil, IPAG Pagadian, etc.

MDD 20 04:32:50.2, 0.5, 36.57N, 9.95W, h43km, 7km, mb3.6, 7 Error ellipse: s-maj=3.3km s-min=3.5km az=61.0, PRXIMO CSEM 20 04:32:50.1, 0.5, 36.71N, 9.75W, h20km, ML1.6, Error ellipse: s-maj=8.4km s-min=7.6km az=82.0

ISC 20 04:32:48.1, 3.0, 36.61N, 0.10, 9.9W, 0.1, h29km, 13km, n59, a1503/107, 7C-1D, West of Gibraltar

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include PFVI Vila Bisbo, PFVI Vila Bisbo, PFVI Vila Bisbo, etc.

IDC 20 04:24:57.7, 1.6, 3.94N, 95.62E, h0km, mb3.9/8, mb1 4.0/9, mb1 mx3.7/32, mbtmp3.9/9, ML3.2/1, Error ellipse: s-maj=68.8km s-min=18.3km az=51.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include MLI51 Meulaboh, MLI51 Meulaboh, LHMI Lhok Sumawe, etc.

Table with columns: EVO, Evora, 2.42, 37, P, Pn, 04 33 26.6 +0.9, 04 33 53.8 -0.6, 04 33 56.2. Includes sub-sections for EMIN, EBAD, PTOM, ESPR, PMRV, ECAB, EADA, ELOB.

ISCJB 20 04:43:13.5-0.7, 28.41S; 0.10: 178.5W; 0.1, h250km, mb3.8/7, Error ellipse: s-maj=17.4km s-min=13.7km az=179.8

AUST 20 04:43:13.9-3.6, 29.01S; 177.72W, h282km, Error ellipse: s-maj=4.3km s-min=1.6km az=324.0

IDC 20 04:43:15.9-1.2, 28.35S; 178.61W, h259km, 11km, mb3.6/7, mb1.3/0.7, mb1mx3.6/1.6, mbtmp4.2/7.7, Error ellipse: s-maj=23.0km s-min=21.1km az=134.0

ISC 20 04:43:15.1-0.6, 28.3S; 0.11: 178.6W; 0.1, h250km, n28, c131/30, mb4.0/7, Kermaed Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like RAO Raoul Island, URZ Urewera, DZM Mont Dzumac, AFI Afimaku, MANU Manus Island, ASAR Alice Springs, WRA Warramunga Arr, WRKA Warakurna, KDU Kakadu, FITZ Fitzroy Crossi, MAW Mawson, MJAR Matsushiro Arr, PMBI Palembang, SNAV Sanae, VNAZ Neumayer-Watz, VNA1 Neumayer-Stat, PETK Petropavlovsk, NVAR Mina Array Bea, CMAR Chiang Mai Arr, MKAR Makanchi Array, ARCES ARCES Array B, ARCES ARCES Array A, FINES FINES Array B, NB2 NORSAR Subarray 146.65, NOA NORSAR Array B, AKASG Malin Array Be, AKASG Malin Array B.

BRTR Keskin Array B 151.16 302 PKPbc PKPbc 05 02 38.0 -0.9 comp=Z, 0.6nm, 0.5s, baz=166, slow=5.2, SNR=5.6

TORD Torodi Ar. Bea 164.88 181 PKPab PKPab 05 03 46.5 -0.6 comp=Z, 0.9nm, 0.7s, baz=187, slow=3.5, SNR=12

GUC 20 04:45:40.0-0.6, 33.78S; 72.27W, h19km, 8km, ML3.9 ISC 20 04:45:40.9-2.1, 33.70S; 72.17W; 0.07, h13km, 8km, n39, c206/49, ID, Off coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like U73B San Pedro, TACH Talagante, RCDM Rinconada Maip, SAN SAN, ANTU Antumapu, U65B HualaeO, U65B U65B, STL Santa Lucia, PEL Peldehue, PCH Pirque, PCH Col Las Americ, LACH LACH, LACH Cerro Calan, CLOCH CLOCH, CLOCH CLOCH, AUSP Uspallata, AUSP Uspallata, AUSP CERRO ARCO, ARCO CERRO ARCO, ARCO CERRO ARCO, AAGR Agrelo, AAGR Agrelo, ASAL Salagasta, ASAL Salagasta, RTLS Leoncito, RTLS Leoncito, RTCV Cerro Valdivia, RTCV Cerro Valdivia, RTLL Cerro Villicun, CFAA Coronel Fontan, CFAA Coronel Fontan, AMOG MOGNA, AMOG MOGNA, ACAN Cantantal, ACAN Cantantal, AVFE Valle Fertil, AVFE Valle Fertil, AGUA GUANDACOL, ACHE Chepes, ACHE Chepes, MRA San Martin, MRA San Martin, VCA Vinchina, VCA Vinchina, CYA Choya, CYA Choya, FSA Cafayete, FSA Cafayete.

JMA 20 04:53:23.8-0.1, 24.20N; 122.53E, h53km, 3km, M3.6 ISCJB 20 04:53:24.1-0.3, 24.22N; 0.02: 122.56E; 0.1, h48km, 7km, Error ellipse: s-maj=3.9km s-min=2.1km az=168.3

TAP 20 04:53:24.7, 24.24N; 122.49E, h55km, ML4.2, 4.2 ISC 20 04:53:24.7-1.2, 24.21N; 0.03: 122.56E; 0.02, h42km, 16km, n60, c1917/116, Taiwan region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like JYNG Yonagunijimaku, YOJ Yonaguni jima, ENA Nanau, TWD Chiawan, TWD Chiawan, HWA Hwallen, HWA Hwallen, ILA ilan, ILA ilan, TWB1 Santiao Chiao, TWE Neicheng, ENTJ Nioudou, ENTJ Nioudou, ESF Shoufeng Towns, ESF Shoufeng Towns, TEGC Jichi Village, TEGC Jichi Village, ESL Shiin, ESL Shiin, NNS Nan Shan, NNS Nan Shan, NWF Wu-fen Shan, NWF Wu-fen Shan, HATJ Hateruma jima, HATJ Hateruma jima, TWA Mucha, TWA Mucha, NSK Sangung, NSK Sangung, NSK Sangung.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like TAP1 Taipei, TAP1 Taipei, TWT Tachien, TWT Tachien, JKRS Kuro-shima, JKRS Kuro-shima, EHY Hungye, EHY Hungye, TWS1 Kuangyinshan, TWS1 Kuangyinshan, TWS1 Sanyi, TWS1 Sanyi, WDT Danda, WDT Danda, WDT Yuli, WDT Yuli, TWF1 Yuli, TWF1 Yuli, JIJ Ishigaki jima, JIJ Ishigaki jima, NCU National Centr, NCU National Centr, NCU National Centr, NSTT Nanjiang, NSTT Nanjiang, NSTT Sanyi, NSTT Sanyi, SMLT Sun Moon Lake, SMLT Sun Moon Lake, SMLT Sun Moon Lake, CHKT Chengkung, CHKT Chengkung, TYC Yucheng, TYC Yucheng, TYC Yucheng, JISG Ishigakijimahi, JISG Ishigakijimahi, TWQ1 Liyutan, TWQ1 Liyutan, TWQ1 Liyutan, YUS Yu-Shan, YUS Yu-Shan, YUS Yu-Shan, NSY Sanyi, NSY Sanyi, TCU Taichung, TCU Taichung, TCU Taichung, ELDTW Lidau, ELDTW Lidau, ELDTW Lidau, ALS Alishan, ALS Alishan, ALS Alishan, CHN5 Tsauling, CHN5 Tsauling, CHN5 Tsauling, WGN5 Gukeng, WGN5 Gukeng, WGN5 Gukeng, WGK Wukang, WGK Wukang, TWG Pinlang, TWG Pinlang, TWG Pinlang, TTN Taitung, TTN Taitung, TTN Taitung, STYT Taisyuan, STYT Taisyuan, STYT Taisyuan, JTJ Tamsui, JTJ Tamsui, CHN2 Nanshiung, CHN2 Nanshiung, CHN2 Nanshiung, CHY Chiayi, CHY Chiayi, CHY Chiayi, WTCT Ta-ch'eng, WTCT Ta-ch'eng, WTCT Ta-ch'eng, TWK Hsiung, TWK Hsiung, TWK Hsiung, CHN1 Nanshiung, CHN1 Nanshiung, CHN1 Nanshiung, SGST Jianshan, SGST Jianshan, SGST Jianshan, WSF Shzu, WSF Shzu, WSF Shzu, WSF Shzu, CHN3 Shinhua, CHN3 Shinhua, CHN3 Shinhua, CHN8 Hsiung, CHN8 Hsiung, CHN8 Hsiung, LAY Lan-yu, LAY Lan-yu, LAY Lan-yu, TAW Tawu, TAW Tawu, TAW Tawu, EAST Anshuo, EAST Anshuo, EAST Anshuo, EAST Anshuo, JIRB Irabujima, JIRB Irabujima, JIRB Irabujima, JIKM Ikemajima, JIKM Ikemajima, JIKM Ikemajima, MIJ Miyako jima, MIJ Miyako jima, MIJ Miyako jima, TWK1 Hengchun, TWK1 Hengchun, TWK1 Hengchun, JKE Kume jima 2, JKE Kume jima 2, JKE Kume jima 2, IDC 20 04:55:17.3-1.5, 6.94S; 154.82E, h0km, mb3.8/5, mb1.4/0.6, mb1mx3.8/1.8, mbtmp3.8/6, ML1.8/1, MS3.2/4, Ms1.3/3.4, ms1mx3.0/1.9, Error ellipse: s-maj=70.8km s-min=23.8km az=137.0 ISCJB 20 04:55:22.3-1.1, 6.9S; 0.3: 154.6E; 0.2, h41km, mb3.6/5, MS3.4/2.2, Error ellipse: s-maj=44.0km s-min=11.3km ISC 20 04:55:23.7-1.1, 3.69S; 0.4: 154.7E; 0.2, h41km, n9, c0891/9, mb3.6/5, Bougainville - Solomon Islands region

20d 5h

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

MEX 20 05:05:24.3:0.4, 17.85N x 100.07W, h56km, 4km, MD3.7, Guerrero

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MEIG Mezcala, ARIG Puento Sto Nin, PLIG Platanillo, etc.

SJA 20 05:06:28.0:7.5, 33.52S x 72.63W, h10km, ML3.5, MW3.3

GUC 20 05:06:32.8:0.5, 33.79S x 72.22W, h36km, 1.9km, ML3.6

ISC 20 05:06:32.3:2.1, 33.83S x 0.05:72.21W, 0.08, h3km, 1.2km, 1.5, +336/49, Off coast of central Chile

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like U73B San Pedro, TACH Talagante, CHCH Chadass Angostu, etc.

ISCJB 20 05:21:41.3:0.6, 40.85S x 0.04:178.60E:0.06, h33km

ADC 20 05:21:42.4:2.1, 40.88S x 177.72E, h0km, MD3.5/2

WEL 20 05:21:42.4:0.8, 40.87S x 178.63E, h33km, ML4.1/12, Error ellipse: s-maj=6.4km s-min=4.8km az=90.0

ISC 20 05:21:43.5:1.0, 40.76S x 0.04:178.40E:0.05, h35km, n44, e201/52, 2C, Off east coast of North Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PXZ Pawanui, ANWZ Angora Road, WPHZ Waipukurua, etc.

2010 SEP

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

ISCJB 20 05:42:54.6:0.9, 33.67S x 0.02:72.25W:0.03, h27km, 6km, mb5.0/106, MS4.5/12, Error ellipse: s-maj=4.6km

GUC 20 05:42:54.8:0.6, 33.79S x 72.16W, h45km, 3km, ML5.2

NEIC 20 05:42:56.7:0.2, 33.64S x 71.93W, mb5.1/89, Error ellipse: s-maj=6.6km s-min=4.0km az=66.0

NEIC Felt [V] at San Antonio; [IV] at Navidad, Santo Domingo and Valparaiso; [III] at Pichilemu, Rancagua, Santiago, Villa Alemana and Vina del Mar; [II] at Colina, Curico, Linares, Lo Barnechea, San Javier, Talca and Tiltill. Also felt at Chillan, Machali, Quilpué and Rengo.

GCMT 20 05:42:56.7:0.4, 33.84S x 72.36W, h22km, 1km, MW5.1/64, Moment Tensor Solution, s25,c30; s64,c81; Duration: 0. Moment tensor: Scale 10^16Nm; Mir,3.71±.25; Mww-0.5±.14; Mww-3.6±.18; Mw-0.28±.23; Mw0.33±.10; Mw-4.0±.35; Best double couple: Mw5.50700 x 10^16

MOS 20 05:42:56.6:1.1, 33.50S x 72.06W, h33km, mb5.2/27 Error ellipse: s-maj=19.0km s-min=7.6km az=100.3

ISC 20 05:42:56.3:0.4, 33.72S x 0.03:72.17W:0.04, h30km, 2km, h30km; p-P, n773, c090/841, mb5.0/106, MS4.5/12, 11C-4D, Off coast of central Chile

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like U73B San Pedro, U73B Hualaeo, U73B Cerro Calan, etc.

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Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LCO Las Campanas, LCO Valle Fertil, ACHE Chepes, etc.

961 2010 SEP 205 5h

835A	Beeville	66.29	335	P	P	05 53 42.3 +0.6	234A	Clairette	69.80	337	P	P	05 54 04.2 +0.4	X31A	McDonald Ranch	72.82	336	P	P	05 54 21.9 -0.1
834A	Tilden	66.39	335	P	P	05 53 43.5 +1.1	TKL	Tuckaleechee C	69.86	350	eP	P	05 54 03.5 -0.5	V35A	Meyer Ranch, C	72.87	339	P	P	05 54 21.7 -0.5
736A	Circle Diamond	66.64	336	P	P	05 53 45.1 +1.1	TKL	Tuckaleechee C	69.86	350	eP	P	05 54 03.5 -0.5	SDMD	Soldier's Deli	72.89	356	eP	P	05 54 23.2 +1.0
735A	Kenedy	66.80	336	P	P	05 53 46.6 +1.6	429A	Davenport Ranch	69.88	333	P	P	05 54 05.0 +0.7	SDMD	Soldier's Deli	72.89	356	eP	P	05 54 32.1
637A	Eagle Lake	66.84	337	P	P	05 53 46.3 +1.0	331A	San Angelo	69.96	334	P	P	05 54 05.0 +0.2	X30A	Coker Ranch, T	72.95	335	P	P	05 54 22.8 0.0
833A	Chaparral WMA,	66.88	334	P	P	05 53 46.0 +0.5	Z38A	Mt. Pleasant	69.98	340	P	P	05 54 04.8 0.0	Y28A	McKinney Farm,	72.96	341	P	P	05 54 22.8 -0.1
NHSC	New Hope	66.89	353	eP	P	05 53 42.9 -2.6	TIAR	Tiarei	69.99	262	eT	T	07 07 30.8	U37A	Salina	72.98	334	P	P	05 54 22.7 -0.1
NHSC	Cross D Ranch,	66.97	339	eP	P	05 53 55.0 +0.2	233A	Rising Star	70.07	336	P	P	05 54 05.6 +0.1	W32A	Sentinel	73.03	337	P	P	05 54 23.4 +0.2
734A	La Parita Cree	67.05	335	P	P	05 53 47.4 +0.8	135A	Vickery Place,	70.07	337	P	P	05 54 06.3 +0.9	U36A	Oologah	73.14	340	P	P	05 54 23.8 0.0
832A	Faith Ranch, C	67.06	333	P	P	05 53 47.1 +0.5	PP2T	Papeete2	70.16	262	eS	S	06 03 15.3 -0.9	V34A	Guthrie	73.14	339	P	P	05 54 23.5 -0.3
636A	Smothers Creek	67.12	337	P	P	05 53 47.8 +0.8	PP2T	Papeete2	70.16	262	eLR	LR	06 15 32.6	V34A	Guthrie	73.14	339	eP	P	05 54 23.9 +0.1
733A	Divot King Ran	67.20	334	P	P	05 53 48.7 +1.1	PP2T	Papeete2	70.16	262	eT	T	07 10 43.1	V34A	Guthrie	73.14	339	eP	P	05 54 23.2 0.0
TBI	Tubuai	67.27	256	eT	T	07 07 07.5	PPT	Papeete	70.17	262	LR	LR	06 18 04.7	MSTX	Muleshoe	73.20	334	eP	P	05 54 24.0 -0.3
635A	Leesville	67.28	336	P	P	05 53 48.3 +0.3	232A	Coleman	70.21	335	P	P	05 54 06.3 0.0	MSTX	Muleshoe	73.20	334	eP	P	05 54 24.6 +0.2
440A	Kirbyville	67.34	340	P	P	05 53 49.4 +1.1	134A	White-Moore Ra	70.31	337	P	P	05 54 07.0 +0.2	X29A	Tulia	73.24	335	P	P	05 54 24.8 +0.2
537A	Green Hill Far	67.43	337	P	P	05 53 50.1 +1.2	330A	Mertzon	70.32	334	P	P	05 54 07.2 +0.2	W31A	Holland Ranch,	73.31	337	P	P	05 54 25.3 +0.4
732A	Laxson Ranch,	67.46	334	P	P	05 53 49.9 +0.7	Y39A	Lockesburg	70.38	341	P	P	05 54 07.2 0.0	V35A	Lossen Ranch,	73.36	338	P	P	05 54 25.1 0.0
SLBS	Sierra La Lagu	67.46	323	eP	P	05 53 51.0 +1.6	Z36A	Blue Ridge	70.43	339	P	P	05 54 08.0 +0.5	U35A	Pawnee	73.40	340	P	P	05 54 25.2 -0.1
634A	China Grove, S	67.47	335	P	P	05 53 50.1 +0.9	231A	Bronte	70.48	335	P	P	05 54 08.1 +0.1	MAW	Mawson	73.48	164	P	P	05 54 25.8 +0.3
GOGA	Godfrey	67.61	350	eP	P	05 53 49.2 -0.8	Y38A	Isabel	70.55	340	P	P	05 54 08.5 +0.2	MAW	Mawson	73.48	164	P	P	05 54 34.1 -0.9
GOGA	Godfrey	67.61	350	eP	P	05 53 49.2 -0.8	133A	Hamilton Ranch	70.61	336	P	P	05 54 09.0 +0.3	MAW	Mawson	73.48	164	P	P	05 54 34.1 -0.9
GOGA	Godfrey	67.61	350	eP	P	05 53 49.2 -0.8	329A	Wagon Wheel Ra	70.69	333	P	P	05 54 09.6 +0.3	MAW	Mawson	73.48	164	P	P	05 54 34.1 -0.9
GOGA	Center Grove,	67.62	339	eP	P	05 53 58.9 -0.5	TZTN	Tazewell	70.70	350	eP	P	05 54 08.4 -0.8	MAW	Mawson	73.48	164	P	P	05 54 34.1 -0.9
536A	Bastrop	67.67	337	P	P	05 53 51.2 +0.7	UALR	University of	70.71	342	eP	P	05 54 03.9 -5.4	MAW	Mawson	73.48	164	P	P	05 54 34.1 -0.9
438A	Sam Houston St	67.79	338	P	P	05 53 52.4 +1.2	UALR	Sterling City	70.73	334	P	P	05 54 18.5 -0.1	MAW	Mawson	73.48	164	P	P	05 54 34.1 -0.9
535A	Dale	67.80	336	P	P	05 53 51.7 +0.4	230A	Sterling City	70.73	334	P	P	05 54 09.1 -0.4	MAW	Mawson	73.48	164	P	P	05 54 34.1 -0.9
VBMS	Vicksburg	67.82	343	P	P	05 53 52.2 +0.9	Z35A	Perchaven, San	70.74	338	P	P	05 54 09.8 +0.3	MAW	Mawson	73.48	164	P	P	05 54 34.1 -0.9
633A	Saathoff Ranch	67.83	335	P	P	05 53 52.4 +0.9	MIAR	Mout Ida	70.81	341	eP	P	05 54 09.9 0.0	MAW	Mawson	73.48	164	P	P	05 54 34.1 -0.9
340A	Bronson	67.95	340	P	P	05 53 53.0 +0.8	MIAR	Mout Ida	70.81	341	eP	P	05 54 09.9 0.0	MAW	Mawson	73.48	164	P	P	05 54 34.1 -0.9
339A	Huntington	68.06	339	P	P	05 53 53.7 +0.8	MIAR	Mout Ida	70.81	341	eP	P	05 54 09.9 0.0	MAW	Mawson	73.48	164	P	P	05 54 34.1 -0.9
632A	Uvalde	68.09	334	P	P	05 53 53.9 +0.7	Y37A	Hugo	70.85	340	P	P	05 54 10.1 0.0	MAW	Mawson	73.48	164	P	P	05 54 34.1 -0.9
534A	Blanco	68.10	336	P	P	05 53 53.6 +0.4	ABTX	Abilene, Hawle	70.88	336	P	P	05 54 10.6 +0.3	MAW	Mawson	73.48	164	P	P	05 54 34.1 -0.9
JSC	Jenkinsville	68.18	352	eP	P	05 53 53.4 -0.2	ABTX	Abilene, Hawle	70.88	336	eP	P	05 54 10.8 +0.5	MAW	Mawson	73.48	164	P	P	05 54 34.1 -0.9
JSC	Jenkinsville	68.18	352	eP	P	05 53 53.4 -0.2	ABTX	Abilene, Hawle	70.88	336	eP	P	05 54 20.3 +0.5	MAW	Mawson	73.48	164	P	P	05 54 34.1 -0.9
631A	Perdido Creek	68.30	333	P	P	05 53 55.1 +0.6	Y36A	Durant	70.97	339	P	P	05 54 10.9 +0.1	MAW	Mawson	73.48	164	P	P	05 54 34.1 -0.9
338A	Crockett	68.31	339	P	P	05 53 55.8 +1.3	Z34A	Collier Ranch,	70.99	337	P	P	05 54 10.8 -0.2	MAW	Mawson	73.48	164	P	P	05 54 34.1 -0.9
533A	Kerrville	68.34	335	P	P	05 53 55.5 +0.7	WVT	Waverly	71.01	347	eP	P	05 54 10.4 -0.6	MAW	Mawson	73.48	164	P	P	05 54 34.1 -0.9
337A	Centerville	68.44	338	P	P	05 53 56.5 +1.2	WVT	Waverly	71.01	347	eP	P	05 54 20.3 -0.2	MAW	Mawson	73.48	164	P	P	05 54 34.1 -0.9
NATX	Nacogdoches	68.49	340	P	P	05 53 56.3 +0.7	WVT	Waverly	71.01	347	eP	P	05 54 20.3 -0.2	MAW	Mawson	73.48	164	P	P	05 54 34.1 -0.9
435B	Jarrell	68.50	337	P	P	05 53 56.6 +0.9	WVT	Waverly	71.01	347	eP	P	05 54 11.7 +0.2	MAW	Mawson	73.48	164	P	P	05 54 34.1 -0.9
239A	Gary	68.64	340	P	P	05 53 57.7 +1.0	Z29A	Bryant Ranch,	71.06	334	P	P	05 54 12.2 +0.7	MAW	Mawson	73.48	164	P	P	05 54 34.1 -0.9
532A	Rocksprings	68.70	334	P	P	05 53 57.7 +0.7	URVA	University of	71.10	355	eP	P	05 54 12.2 +0.7	MAW	Mawson	73.48	164	P	P	05 54 34.1 -0.9
434A	Burnet	68.75	336	P	P	05 53 57.6 +0.2	131A	Roby	71.18	335	P	P	05 54 12.5 0.0	MAW	Mawson	73.48	164	P	P	05 54 34.1 -0.9
MEH	Meheta	68.77	262	eT	T	07 08 59.7	Z33A	Whitaker Ranch	71.19	337	P	P	05 54 12.5 +0.3	MAW	Mawson	73.48	164	P	P	05 54 34.1 -0.9
CNNC	Cliffs of the	68.81	355	eP	P	05 53 54.9 -2.5	Y35A	Marietta	71.20	338	P	P	05 54 12.7 +0.5	MAW	Mawson	73.48	164	P	P	05 54 34.1 -0.9
CNNC	Cliffs of the	68.81	355	eP	P	05 53 54.9 -2.5	X38A	Whitesboro	71.27	340	P	P	05 54 12.9 +0.2	MAW	Mawson	73.48	164	P	P	05 54 34.1 -0.9
336A	Riesel	68.81	337	P	P	05 53 58.4 +0.8	130A	Snyder	71.31	335	P	P	05 54 13.1 +0.1	MAW	Mawson	73.48	164	P	P	05 54 34.1 -0.9
238A	Jacksonville	68.86	339	P	P	05 53 58.1 +0.2	X37A	Clayton	71.35	340	P	P	05 54 13.2 +0.1	MAW	Mawson	73.48	164	P	P	05 54 34.1 -0.9
335A	Moody	68.90	337	P	P	05 53 58.7 +0.5	UTMT	University of	71.42	346	eP	P	05 54 13.7 +0.2	MAW	Mawson	73.48	164	P	P	05 54 34.1 -0.9
531A	Rocksprings	68.97	334	P	P	05 53 59.1 +0.4	Z32A	Haskell	71.44	336	P	P	05 54 13.7 -0.1	MAW	Mawson	73.48	164	P	P	05 54 34.1 -0.9
433A	Art	68.98	335	P	P	05 53 59.0 +0.2	Y34A	Reagan Ranch,	71.48	338	P	P	05 54 13.9 0.0	MAW	Mawson	73.48	164	P	P	05 54 34.1 -0.9
JCT	Junction City	68.98	335	eP	P	05 53 59.4 +0.6	228A	UT Block 9, Go	71.48	333	P	P	05 54 14.3 +0.2	MAW	Mawson	73.48	164	P	P	05 54 34.1 -0.9
JCT	Junction City	68.98	335	eP	P	05 53 59.4 +0.6	W38A	Potter Ranch,	71.56	341	P	P	05 54 14.2 -0.1	MAW	Mawson	73.48	164	P	P	05 54 34.1 -0.9
JCT	Junction City	68.98	335	eP	P	05 53 59.4 +0.6	X36A	Centrahoma	71.61	339	P	P	05 54 14.3 -0.4	MAW	Mawson	73.48	164	P	P	05 54 34.1 -0.9
JCT	Junction City	68.98	335	eP	P	05 53 59.4 +0.6	X35A	Drake	71.64	339	P	P	05 54 14.9 0.0	MAW	Mawson	73.48	164	P	P	05 54 34.1 -0.9
KMSC	Kings Mountain	69.03	352	eP	P	05 53 58.9 0.0	129A	Stewart Farms,	71.67	334	P	P	05 54 15.3 +0.1	MAW	Mawson	73.48	164	P	P	05 54 34.1 -0.9
KMSC	Kings Mountain	69.03	352	eP	P	05 53 58.9 0.0	Z31A	Sharp Cattle R	71.68	336	P	P	05 54 15.5 +0.3	MAW	Mawson	73.48	164	P	P	05 54 34.1 -0

Table with columns: RLMT, Red Lodge, 85.38 335 P, P, 05 55 30.9 +0.2, etc. Includes stations like Red Lodge, Hoffman Ranch, Madison River, Lasa Array, etc.

Table with columns: H11S1, WAKE ISLAND Hy25.67 269 T, T, 08 20 47.6, etc. Includes stations like WAKE ISLAND, FITZ, H11N3, etc.

Table with columns: ZALV, comp=Z,3.5nm,0.7s,baz=279,slow=2.8,SNR=13, etc. Includes stations like Bodaibo, Makanchi Array, etc.

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

ISK 20 07:03:09.7, 40.99N, 39.09E, h10km, MD2.6
ISC 20 07:03:07.1, 41.2, 41.14N, 0.04, 39.03E, 0.02, h10km, 10km,
n29, c079/56, Turkey

s-maj=15.7km s-min=8.3km az=163.0
MOS 20 07:08:10.3, 1.0, 52.35N, 178.61W, h176km, mb5.0/37,
Error ellipse: s-maj=9.0km s-min=7.3km az=144.5

PAX Paxon 20.48 46 eP P 07 12 34.8 0.0
PAX RIDG comp=Z,49nm,0.8s eScP ScP 07 19 57.7 -2.3
Mentasta 20.97 44 eScP P 07 12 38.9 -0.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Trabzon, Kelkit, Susehri, Demirkent, etc.

ISC 20 07:08:10.1, 0.3, 52.33N, 178.72W, 0.003,
h164km, 2km, h163km; p-P, n660, c19/1920, mb4.7/142,
12C-7D, Andeanof Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Gareloi Northe, Gareloi East, Tanaga Flats, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like PAX, RIDG, MENT, PCA, EGAK, KUR, DAWY, etc.

IDC 20 07:06:46.8, 1.0, 10.39S, 75.22W, h0km, mb3.6/3,
mb1 3.9/7, mb1mx3.7/29, mbtmp3.8/7, ML3.8/4, MS3.5/2,
Ms1 3.5/2, ms1mx2.6/29, Error ellipse: s-maj=22.5km
s-min=19.0km az=1.0

ISC 20 07:06:52.0, 0.8, 10.39S, 0.07, 75.18W, 0.08, h41km, n13,
c1059/13, mb3.5/3, Central Peru

ISC 20 07:06:50.6, 0.7, 10.37S, 0.06, 75.16W, 0.06, h41km,
mb3.6/3, MS3.7/1, Error ellipse: s-maj=9.0km s-min=8.3km
az=19.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like Nana, ATAH, LPAZ, SIV, ROSC, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists stations like PETK, SII, OHAK, SKR, KDAK, etc.

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

ISC 20 07:08:04.8, 1.1, 40.60N, 0.04, 20.94E, 0.10, h9km, Error
ellipse: s-maj=11.1km s-min=5.3km az=180.5
ATH 20 07:08:04.4, 40.61N, 20.87E, h24km, 1km, MD2.6/3
SKO 20 07:08:04.4, 40.55N, 20.82E, h2km, M1.1, ML1.8
CSEM 20 07:08:04.4, 0.1, 40.60N, 20.86E, h26km, MD2.6, Error
ellipse: s-maj=3.7km s-min=1.8km az=67.0

ISC 20 07:08:05.6, 1.3, 40.64N, 0.04, 20.91E, 0.06, h9km, n8,
c0562/16, Greece-Albania border region

ISC 20 07:08:09.4, 0.2, 52.31N, 0.04, 178.61W, 0.02,
h175km, 1km, mb4.7/142, Error ellipse: s-maj=6.3km
s-min=2.4km az=173.5

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

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

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

ISC 20 07:08:09.4, 0.2, 52.31N, 0.04, 178.61W, 0.02,
h175km, 1km, mb4.7/142, Error ellipse: s-maj=6.3km
s-min=2.4km az=173.5
NEIC 20 07:08:10.5, 0.2, 52.30N, 178.67W, h165km, 1km,
mb4.9/122, Error ellipse: s-maj=5.7km s-min=2.7km
az=169.0

ISC 20 07:08:10.4, 0.7, 52.40N, 178.70W, h164km, 4km, mb3.9/21,
mb1 4.1/22, mb1mx3.9/35, mbtmp4.4/22, Error ellipse:

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

20d 7h

Table with columns for station name, frequency, power, and other technical details. Includes stations like OXF, 440A, 035A, KMI, KML, QIZ, 035Z, VBMS, FINES, etc.

Table with columns for Code, Station Name, Azimuth, Elevation, and other parameters. Includes stations like KUR, KML, KUR, etc.

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Main table with columns for station name, frequency, power, and other technical details. Includes stations like SHO, SHO, SHO, YUK, YUK, YUK, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like GTA, GTA, SML, SML, SML, etc.

NIED 20 07:18:00, 44.50N, 149.80E, h47km, Mw4.3 Best double couple: M3.41000, 1015 NP1.3146, 00000, 361.00000, 1.9.00000, NP2.52, 00000, 883.00000, 1.151.00000, ...

Table with columns: KHC, GERES, TXAR, TORD. Includes station names, coordinates, and various parameters like elevation and frequency.

CSEM 2007:33:58.6.0.3, 38:07N-28:41E, h10km, MD2.6, Error ellipse: s-maj=21.1km, s-min=6.8km, az=102.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like DURS, YER, AYDN, etc.

ISK 2007:34:08.7.37, 49N-28:41E, h14km, MD2.7. CSEM 2007:34:13.8, 37:21N-28:15E, h7km, MD2.8

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like YER, AYDN, TURN, etc.

ISCJB 2007:48:15.0.0.7, 32:11N-0:03:115:09W, 0.03, h12km, 5km. Error ellipse: s-maj=4.7km, s-min=4.2km, az=24.6

ECX 2007:48:16.8.0.5, 32:11N-1:15:11W, h7km, MD2.6, ML2.8. NEIC 2007:48:16.9, 32:12N-1:15:12W, h18km, ML2.5(PAS), ML2.9(ECX), After ECX.

MEX 2007:48:17.7.1.2, 32:21N-1:15:05W, h19km, 98km, MD4.0. ISC 2007:48:17.8.1.0, 32:11N-0:02:115:11W, 0:03, h13km, 8km, n27, c0514/3, 3C-9D, California-Baja California border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like MBIG, CERO, CPBX, etc.

NNC 2007:56:21.3.5.0, 53:59N-90:72E, h0km, mb3.7, mpv3.4. Error ellipse: s-maj=38.8km, s-min=28.4km, az=25.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like I46RU, ZALV, ZALV.

Table with columns: KURK, KURB, KURBB, KURBB, TLV, MK31, MK31, MKAR, MKAR, SONM, BVAR, BVAR. Lists stations and their parameters.

GUC 2008:26:22.8.0.8, 34:77S-71:75W, h46km, 4km, ML3.5. Near coast of central Chile

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like U65B, NICH, TALC, U73B, etc.

MAN 2008:57:26.19.75N, 122:37E, h8km, mb5.1, ML4.0, MS4.2. ISCJB 2008:57:29.9.0.5, 19:42N, 0:03:122:38E, 0:07, h10km, mb3.8/12, Error ellipse: s-maj=9.4km, s-min=3.9km, az=3.4

ISC 2008:57:29.7.1.0, 19:33N, 122:23E, h0km, MB3.8/12, mb1.3/9.1, mb1mx3.8/4.3, mbtmp3.8/11, ML2.1/1, MS3.2/1, Ms1.3.2/1, ms1mx3.0/13, Error ellipse: s-maj=26.4km, s-min=20.4km, az=70.0

NEIC 2008:57:30.9.0.5, 19:30N, 122:23E, h10km, mb4.0/1, Error ellipse: s-maj=11.1km, s-min=7.2km, az=92.0. ISC 2008:57:30.8.0.7, 19:30N, 0:04:122:25E, 0:09, h10km, n31, c0598/29, mb3.9/12, 3C-1D, Philippine Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like SGCP, CVP, PIP, PIP, etc.

ISC 2008:57:58.7.0.9, 19:32N, 122:25E, h0km, mb3.8/12, mb1.4/0.1/2, mb1mx3.8/4.4, mbtmp3.8/12, ML2.7/1, MS3.6/2, Ms1.3.7/2, ms1mx3.9/13, Error ellipse: s-maj=23.2km, s-min=19.2km, az=79.0

NEIC 2008:58:00.0.0.5, 19:30N, 122:30E, h10km, mb4.2/2, Error ellipse: s-maj=11.2km, s-min=8.1km, az=106.0. ISCJB 2008:58:01.5.0.6, 19:30N, 0:04:122:30E, 0:08, h33km, mb3.8/14, MS3.0/1, Error ellipse: s-maj=10.8km, s-min=5.8km, az=12.8

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like SZP, SZP, TWG, YULB, YULB.

Table with columns: SSLB, JOW, JOW, DAVO, CHTO, MJAR, CMAR, CMAR, USRK, SONM, WRA, H11S, H11S, H11S, H11N, H11N, H11N, MKAR, ASAR, ZALV, KURK, KURB, BVAR, ABKAR, ILAR, YKA. Lists stations and their parameters.

IDC 2009:07:11.6.2.3, 41:25N, 72:95E, h0km, mb3.7/1, mb1.3/6.5, mb1mx3.3/3.8, mbtmp3.6/5, ML3.1/3, Error ellipse: s-maj=41.6km, s-min=21.8km, az=145.0

NNC 2009:07:14.4.0.2, 41:60N, 73:15E, h0km, mb4.1, mpv3.9, Error ellipse: s-maj=2.3km, s-min=1.6km, az=80.0. KRNET 2009:07:14.8.0.1, 41:57N, 73:21E, h20km, mb4.2. KNET 2009:07:16.2.0.3, 41:11N, 73:32E, h13km, 1km, ml3.4, Error ellipse: s-maj=3.3km, s-min=1.8km, az=115.0

ISC 2009:07:15.4.1.2, 41:63N, 0:03:73:20E, 0:03, h14km, gkm, n47, c126/68, 28C-10, Kyrgyzstan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like AML, AML, ARK, ARK, MNAS, MNAS, EKS2, EKS2, EKS2, EKS2, EKS, UCH, UCH, UCH, AAK, AAK, AAK, AAK, KZA, KZA, KZA, FRU, FRU, SFK, SFK, KBK, KBK, CHMS, CHMS, CHMS, CHMS, USP, USP, NRN, NRN, TKM2, TKM2, TKM2, TKM2, ULHL, ULHL, ULHL, ULHL, BTk, BTk, BTk, KK31, KK31, KK31.

20d 10h

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

ISK 20 09:07:49.1, 37.30N, 28.37E, h5km, MD2.5
ISCJB 20 09:07:50.8, 0.5, 37.26N, 0.03, 28.28E, 0.06, h0km, Error ellipse: s-maj=7.0km s-min=3.1km az=154.6

DDA 20 09:07:51.0, 37.26N, 28.13E, h7km, MD2.8
CSEM 20 09:07:50.9, 0.3, 37.26N, 28.27E, h1km, MD2.5, Error ellipse: s-maj=8.0km s-min=4.9km az=59.0, Mining explosion.

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

ISCJB 20 09:44:02.6, 1.5, 43.17N, 0.07, 146.63E, 0.07, h23km, 7km, Error ellipse: s-maj=13.6km s-min=6.0km az=148.0
JMA 20 09:44:02.1, 0.2, 43.19N, 146.70E, h28km, 2km, M3.3
SKHL 20 09:44:03.5, 0.2, 43.14N, 146.58E, h43km, 2km, mb4.1/4

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

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

ISC 20 10:03:44.7, 1.8, 32.08S, 179.26W, h0km, mb4.3/3, m4.4/4, mb1mx3.9/3, mbtmp4.2/4, ML3.5/1, Error ellipse: s-maj=49.5km s-min=29.3km az=50.0

ISCJB 20 10:03:49.6, 1.3, 32.35S, 0.1, 179.5W, 0.2, h33km, mb4.2/3, Error ellipse: s-maj=27.6km s-min=14.7km az=11.2
ISC 20 10:03:50.7, 1.3, 32.22S, 0.1, 179.4W, 0.2, h35km, n8, 0.089/9, mb4.2/3, South of Kermadec Islands

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

ISC 20 10:09:46.8, 2.2, 32.22S, 179.44W, h0km, mb4.0/3, mb1.4, 1.4, mb1mx3.7/3, mbtmp3.9/4, ML3.3/1, Error ellipse: s-maj=53.7km s-min=32.7km az=55.0, South of Kermadec Islands

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

ISC 20 10:09:29.9, 1.4, 1.73S, 99.69E, h0km, mb3.8/10, mb1.4, 0.10, mb1mx3.7/3, mbtmp3.9/10, MS3.2/2, Ms1.3/2, ms1mx2.8/38, Error ellipse: s-maj=72.8km s-min=16.2km az=56.0

ISCJB 20 10:09:35.6, 0.6, 1.75S, 0.05, 99.45E, 0.05, h64km, 5km, mb3.9/9, Error ellipse: s-maj=9.1km s-min=7.2km az=148.8
DJA 20 10:09:36.3, 0.3, 2.2S, 2.10E, h10km, M4.3/13, mb4.2/1, ML4.1/3, 2

ISC 20 10:09:36.8, 1.0, 1.72S, 0.05, 99.49E, 0.06, h53km, 9km, n30, c137/28, mb4.0/9, Southern Sumatra

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

ISC 20 10:51:10.7, 0.9, 57.50S, 25.53W, h0km, mb4.0/4, mb1.4, 1/4, mb1mx3.8/16, mbtmp3.9/4, Error ellipse: s-maj=43.7km s-min=28.7km az=74.0, South Sandwich Islands region

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

NIED 20 10:56:00.3, 1.60N, 142.60E, h5km, Mw3.9 Best double couple: Mb=18.000, 1014 NP1=156.0000, 842.00000, 1.78.00000, NP2=320.00000, 849.00000, 1.10.00000

ISC 20 10:56:15.1, 0.6, 31.36N, 142.52E, h10km, mb4.0/19, mb1.4, 2/22, mb1mx4.1/40, mbtmp4.0/22, ML3.7/3, MS2.7/2, Ms1.2/2, ms1mx2.5/28, Error ellipse: s-maj=18.5km s-min=15.5km az=74.0

NEIC 20 10:56:16.6, 0.3, 31.38N, 142.52E, h10km, mb4.1/1, Error ellipse: s-maj=7.9km s-min=5.6km az=83.0
JMA 20 10:56:19.3, 0.6, 31.16N, 142.62E, h5km, M4.1
ISCJB 20 10:56:20.6, 0.5, 31.57N, 0.05, 142.43E, 0.07, h49km, mb4.0/20, MS2.9/1, Error ellipse: s-maj=9.9km s-min=5.4km az=136.3

ISC 20 10:56:22.4, 0.7, 31.51N, 0.08, 142.41E, 0.08, h49km, n43, c102/50, mb4.0/20, Southeast of Honshu

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

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BSO3, JHU, etc.

CSEM 20 10:41:58.5, 63.13N, 27.75E, h0km, ML1.6, Mining explosion.
HEL 20 10:41:58.5, 0.1, 63.13N, 27.75E, h0km, ML1.6, Explosion, Finland

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

ISC 20 10:42:49.7, 2.4, 6.68S, 129.04E, h0km, mb3.5/1, mb1.3/3, mb1mx3.3/26, mbtmp3.3/3, ML3.4/2, Error ellipse: s-maj=150.1km s-min=33.1km az=67.0, Banda Sea

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

ISC 20 10:51:10.7, 0.9, 57.50S, 25.53W, h0km, mb4.0/4, mb1.4, 1/4, mb1mx3.8/16, mbtmp3.9/4, Error ellipse: s-maj=43.7km s-min=28.7km az=74.0, South Sandwich Islands region

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

NIED 20 10:56:00.3, 1.60N, 142.60E, h5km, Mw3.9 Best double couple: Mb=18.000, 1014 NP1=156.0000, 842.00000, 1.78.00000, NP2=320.00000, 849.00000, 1.10.00000

ISC 20 10:56:15.1, 0.6, 31.36N, 142.52E, h10km, mb4.0/19, mb1.4, 2/22, mb1mx4.1/40, mbtmp4.0/22, ML3.7/3, MS2.7/2, Ms1.2/2, ms1mx2.5/28, Error ellipse: s-maj=18.5km s-min=15.5km az=74.0

NEIC 20 10:56:16.6, 0.3, 31.38N, 142.52E, h10km, mb4.1/1, Error ellipse: s-maj=7.9km s-min=5.6km az=83.0
JMA 20 10:56:19.3, 0.6, 31.16N, 142.62E, h5km, M4.1
ISCJB 20 10:56:20.6, 0.5, 31.57N, 0.05, 142.43E, 0.07, h49km, mb4.0/20, MS2.9/1, Error ellipse: s-maj=9.9km s-min=5.4km az=136.3

ISC 20 10:56:22.4, 0.7, 31.51N, 0.08, 142.41E, 0.08, h49km, n43, c102/50, mb4.0/20, Southeast of Honshu

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AAI, MSAI, NLA, FAKI, etc.

ATH 20 12:36:20.1, 35.591N, 26.79E, h28km, 2km, MD3.2/2
CSEM 20 12:36:20.7, 0.1, 35.63N, 26.72E, h10km, MD3.2, Error ellipse: s-maj=4.2km s-min=2.3km az=162.0

ISCJB 20 12:36:21.1, 0.4, 35.62N, 0.03, 26.74E, 0.02, h21km, 4km, Error ellipse: s-maj=4.9km s-min=2.5km az=160.7

ISK 20 12:36:21.2, 35.68N, 26.72E, h21km, ML3.3, Error ellipse: s-maj=4.2km s-min=2.3km az=162.0

THE 20 12:36:21.1, 35.65N, 26.76E, h9km, 1km, ML3.5/2, Error ellipse: s-maj=1.8km s-min=0.5km az=140.0

DDA 20 12:36:25.8, 35.77N, 27.37E, h20km, MD3.0, Error ellipse: s-maj=1.8km s-min=0.5km az=140.0

ISC 20 12:36:21.1, 1.1, 35.63N, 0.02, 26.77E, 0.02, h18km, 3km, n110, 0.995/158, Crete

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

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

ICD 20 12:47:58.4, 0.9, 14.39S, 167.98E, h0km, mb4.1/11, mb1.4, 3/12, mb1mx4.1/35, mbtmp4.2/12, ML4.1, 1, MS3.7/10, Ms1.3, 7/10, ms1mx3.4/21, Error ellipse: s-maj=24.5km s-min=2.0km az=110.0

ISCJB 20 12:48:01.7, 0.7, 14.40S, 0.06, 167.9E, 0.1, h30km, mb4.1/13, MS3.7/7, Error ellipse: s-maj=14.9km s-min=9.3km az=6.0

NEIC 20 12:48:05.3, 2.6, 14.46S, 167.91E, h48km, 23km, mb4.2/3, Error ellipse: s-maj=19.4km s-min=13.2km az=185.0

ISC 20 12:48:03.2, 0.8, 14.33S, 0.09, 168.0E, 0.1, h30km, n37, 0.114/31, mb4.1/13, MS3.7/7, Vanuatu Islands

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KNRA, WRKA, FORT, FITZ, etc.

NIED 20 12:58:00.43, 40N, 147.20E, h47km, Mw3.5 Best double couple: M1.920000, 1014, NP1.9307, 000000, 824.000000, -1.172, 000000, NP2.9209, 000000, 687.000000, 1.66, 000000

SKHL 20 12:58:05.6, 0.2, 43.33N, 147.31E, h61km, 3km, mb4.9/3, JMA 20 12:58:05.6, 0.2, 43.37N, 147.24E, h35km, 5km, M3.8, ISCJB 20 12:58:05.9, 1.1, 43.42N, 0.07, 147.23E, 0.09, h67km, 6km, mb3.7/9, Error ellipse: s-maj=15.5km s-min=5.9km az=139.6

MOS 20 12:58:05.6, 1.1, 43.50N, 147.28E, h65km, mb4.1/8, Error ellipse: s-maj=19.5km s-min=13.4km az=123.0, IDC 20 12:58:05.6, 0.2, 43.42N, 147.15E, h63km, 47km, mb3.5/8, mb1.3, 0.9, mb1mx3.3/27, mbtmp3.0/9, Error ellipse: s-maj=20.0km s-min=28.9km az=167.0

ISC 20 12:58:05.5, 1.2, 43.39N, 0.07, 147.30E, 0.07, h49km, 9km, n51, 1.827/54, mb3.9/9, Kuril Islands

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like FINESS Array B, FINESS Array B, NB2 NORSTAR Subarra, etc.

ISCJB 20 13:02:25.6:0.8, 19:42N:0:06:122:22E:0:09, h10km, mb3.5/6, MS3.3/2, Error ellipse: s-maj=13.4km s-min=7.4km az=21.6

MAN 20 13:02:28.19:31N:122:15E, h14km, mb5.0, ML3.9, MS3.9, ISC 20 13:02:27.4:1.0, 19:37N:0:06:122:12E:0:10, h10km, mb3.2, s182:20, mb3.5/6, 1C-1D, Philippine Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SGCP Mt. Cagua, SGCP Callao Caves, CVP Conner, etc.

ISC 20 13:44:37.8:0.6, 37:94S:75:20W, h0km, mb4.4/13, mb1.4, 5/16, mb1mx4.4/28, mbtmp4.4/16, ML4.2/3, MS3.5/7, Ms1.3/7, ms1mx3.3/22, Error ellipse: s-maj=24.0km s-min=13.8km az=98.0

ISCJB 20 13:44:38.3:0.3, 37:90S:0:04:75:06W:0:06, h10km, mb4.7/38, MS3.6/4, Error ellipse: s-maj=6.9km s-min=4.9km az=36.6

GUC 20 13:44:41.6:0.6, 38:11S:74:88W, h14km, 6km, ML5.0, NEIC 20 13:44:41.6:3.5, 37:96S:75:09W, h24km, 23km, mb4.8/27, Error ellipse: s-maj=13.7km s-min=7.4km az=71.0

BUI 20 13:44:43.0, 38:00S:75:10W, h34km, mB5.1/2, Ms5.1/2, Ms7.4/7/3

ISC 20 13:44:39.6:0.5, 38:02S:0:04:75:04W:0:07, h10km, n116, s1937/110, mb4.7/38, MS3.6/4, 4C-2D, Off coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VLCH Valdivia, OSCH Osorno, CANA Cavihuae, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LVC Limon Verde, USHA Villa Florida, CPUP Villa Florida, etc.

NSSC 20 13:57:46.2:1.2, 33:87N:35:53E, h13km, 6km, ML1.5, ISCJB 20 13:57:47.8:0.7, 33:90N:0:04:35:73E:0:05, h10km, Error ellipse: s-maj=5.8km s-min=5.7km az=42.2

CSEM 20 13:57:47.9, 33:91N:35:81E, h1km, ML2.9, GRAL 20 13:57:47.8:0.3, 33:91N:35:81E, h2km, 25km, MD2.9, ISC 20 13:57:47.6:1.1, 33:90N:0:03:35:79E:0:03, h10km, n11, s105/19, Jordan - Syria region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BHL Bhannes, BHL Bhannes, DQRL Deir Qamar, etc.

AUST 20 13:46:24.6:2.1, 38S:176:58W, h300km, IDC 20 13:46:59.6:2.1, 21:39S:179:00W, h54km, 22km, mb3.4/11, mb1.3/7.12, mb1mx3.6/21, mbtmp4.3/12, Error ellipse: s-maj=17.9km s-min=15.0km az=100.0, ISCJB 20 13:47:01.8:0.6, 21:55S:0:17:179:1W:0:1, h602km, mb3.7/11, Error ellipse: s-maj=17.0km s-min=11.5km az=152.4

ISC 20 13:47:02.5:0.6, 21:65S:0:17:179:04W:0:10, h602km, n34, s209/33, mb3.8/11, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like DZM Mont Dzumac, URZ Urewera, ARMA Armidale, etc.

NSSC 20 13:57:46.2:1.2, 33:87N:35:53E, h13km, 6km, ML1.5, ISCJB 20 13:57:47.8:0.7, 33:90N:0:04:35:73E:0:05, h10km, Error ellipse: s-maj=5.8km s-min=5.7km az=42.2

CSEM 20 13:57:47.9, 33:91N:35:81E, h1km, ML2.9, GRAL 20 13:57:47.8:0.3, 33:91N:35:81E, h2km, 25km, MD2.9, ISC 20 13:57:47.6:1.1, 33:90N:0:03:35:79E:0:03, h10km, n11, s105/19, Jordan - Syria region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BHL Bhannes, BHL Bhannes, DQRL Deir Qamar, etc.

ISC 20 14:11:26.8:1.7, 32:03S:179:24W, h0km, mb4.0/3, mb1.4/14, mb1mx3.8/22, mbtmp4.0/4, ML3.3/1, Error ellipse: s-maj=46.2km s-min=29.4km az=53.0, ISCJB 20 14:11:28.7:2.0, 32:31S:0:10:179:5W:0:3, h10km, mb4.0/4, Error ellipse: s-maj=37.5km s-min=14.0km az=2-5, NEIC 20 14:11:28.2:1.1, 32:11S:179:25W, h10km, mb4.1/1, Error

Table with columns: LPZZ, La Paz, 5.30 344 P, Pn, 16 03 57.8 +1.3, etc.

CSEM 20 16:07:05.2,0.6,42.44N,15.36E,h10km,ML2.5, Error ellipse: s-maj=11.6km s-min=5.9km az=36.0

ROM 20 16:07:07.0,0.6,42.39N,15.35E,h10km,MI2.8, Error ellipse: s-maj=10.2km s-min=3.1km az=32.0, Adriatic Sea

Main table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, etc.

ROM 20 16:07:22.7,0.3,43.33N,13.28E,h5km,1km,MdZ,0/6, MI1.4/3, Error ellipse: s-maj=2.7km s-min=1.3km az=76.0

CSEM 20 16:07:22.7,43.33N,13.28E,h5km,MD2.0/6, Central Italy

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

ISCJB 20 16:13:50.2,1.2,33.52S,0.09,178.6W,0.2,h10km, mb4.2/4, Error ellipse: s-maj=29.2km s-min=8.4km az=19.7

ISC 20 16:13:50.1,1.1,33.50S,0.178,51W,h0km,mb4.2/3, mb1.4/4, mb1mx4.0/20, mbtmp4.2/4, ML3.7/1, Error ellipse: s-maj=34.5km s-min=14.6km az=88.0

NEIC 20 16:13:51.2,0.7,33.46S,178.43W,h10km,mb4.3/1, Error ellipse: s-maj=21.4km s-min=11.3km az=107.0

ISC 20 16:13:51.4,1.0,33.55S,0.178,6W,0.2,h10km,n16, c087/21,mb4.3/4, South of Kermadec Islands

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

IDC 20 16:39:40.5,0.7,36.25S,100.86W,h0km,mb4.2/12, mb1.4/3,12, mb1mx4.2/29, mbtmp4.2/12, MS4.3/11, MS1=18.5km az=97.0

ISCJB 20 16:39:41.1,0.6,36.22S,100.7W,0.1,h14km, mb4.2/18, MS4.2/11, Error ellipse: s-maj=14.5km s-min=12.5km az=165.6

NEIC 20 16:39:41.8,0.6,36.24S,100.75W,h10km,mb4.7/6, Error ellipse: s-maj=15.1km s-min=14.8km az=50.0

GCMT 20 16:39:41.8,0.2,36.26S,100.67W,h20km,1km,MW5.2/99, Moment Tensor Solution. s59,c80; s99,c157; Duration: 0 Moment tensor: Scale 10^19Nm; Mr=0.68; 16; Mw=0.57; 14; Mw1.25; 14; Mw0.43; 27; Mw0.52; 14; Mw0.36; 26; Best double couple: Mb6.61/100.016; N1=274.00000; S=0.00000; P=175.00000; N1P2=0.184,00000; S86,00000; P-4,00000; Principal axes: T 6.9240,Plg0.0000; Azm49,0000; N -0.6220; Plg84.0000; Azm318,0000; P -6.2980,Plg6.0000; Azm139,0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

ISC 20 16:39:42.4,0.7,36.25S,101.00W,0.1,h14km,n40, c1521/25,mb4.4/18,MS4.4/11,Southeast of Easter Island

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

DJA 20 17:01:37.5,0.4,4.5S,4.12E,h10km,M3.5/4,MLV3.5/4, Sulawesi

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

WEL 20 17:09:56.8,0.1,43.63S,172.40E,h9km,ML3.7/21,4C-3D, Error ellipse: s-maj=0.6km s-min=0.5km az=90.0, South

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

NNC 20 16:48:11.8,1.2,39.68N,73.97E,h0km,mb3.4,mpv3.0, Error ellipse: s-maj=11.6km s-min=5.8km az=36.0

KRNET 20 16:48:11.0,0.1,39.48N,74.06E,mb3.6

ISC 20 16:48:13.9,1.1,39.69N,73.97E,h0km,n28, c1564/42,24C-8D,Tajikistan-Xinjiang border region

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

Table with columns: Sufi-Kurgan, SFK, 0.48 312 fP, Pg, 16 48 21.2 -2.3, etc.

DJA 20 17:01:37.5,0.4,4.5S,4.12E,h10km,M3.5/4,MLV3.5/4, Sulawesi

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

WEL 20 17:09:56.8,0.1,43.63S,172.40E,h9km,ML3.7/21,4C-3D, Error ellipse: s-maj=0.6km s-min=0.5km az=90.0, South

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

SLKM	Skilak Lake	0.64 178	P	Pn	21 24 36.5	-0.2
PTE	Portage	0.67 114	P	Pn	21 24 37.5	+0.4
PMR	Palmer	0.71 50	eP	Pn	21 24 37.6	0.0
PMR	Palmer	0.71 50	eP	Pn	21 24 47.4	
PMR	Palmer	0.71 50	eP	Pn	21 24 37.5	0.0
PMR	Palmer	0.71 50	eP	Pn	21 24 37.5	0.0
STLK	Strandline Lak	0.83 296	eP	Pn	21 24 39.8	+0.5
SPCG	Spurr Capps Gk	0.86 281	P	Pn	21 24 40.2	+0.6
SPCG	Spurr Capps Gk	0.86 281	P	Pn	21 24 52.8	+1.5
SPU	Mount Spurr	0.86 273	eP	Pn	21 24 39.9	+0.2
KNK	Knik Glacier	0.92 72	P	Pn	21 24 41.1	+0.7
CKN	Chakachamna No	0.92 72	P	Pn	21 24 39.7	
PWL	Port Wells	0.99 106	P	Pn	21 24 41.9	+0.6
PWL	Port Wells	0.99 106	P	Pn	21 24 55.8	+1.6
CKL	Chakachamna La	1.00 274	P	Pn	21 24 42.2	+0.6
SPBG	Spurr Blockage	1.02 277	P	Pn	21 24 42.5	+0.6
SPBG	Spurr Blockage	1.02 277	P	Pn	21 24 56.9	+1.5
BGR	Barrier Glacie	1.03 278	P	Pn	21 24 52.7	+0.7
SKT	Skwentna	1.03 325	P	Pn	21 24 42.6	+0.7
SKT	Skwentna	1.03 325	P	Pn	21 24 57.4	+2.1
BGRM	Barrier Glacie	1.12 251	P	Pn	21 24 43.5	+0.4
SEW	Seward	1.12 258	eP	Pn	21 24 42.8	-0.2
SEW	Seward	1.12 258	eP	Pn	21 24 54.7	-2.6
SML	Sawmill	1.15 54	eP	Pn	21 24 43.8	+0.3
SML	Sawmill	1.15 54	eP	Pn	21 24 58.1	
SML	Sawmill	1.15 54	eP	Pn	21 24 43.8	+0.3
SML	Sawmill	1.15 54	eP	Pn	21 24 43.8	+0.3
TRAP	Trapper Creek	1.20 1	P	Pn	21 24 58.0	0.0
RSO	Redoubt South	1.20 242	eP	Pn	21 24 45.1	+1.0
RSO	Redoubt South	1.20 242	eP	Pn	21 24 47.0	
BRLK	Bradley Lake	1.42 193	eP	Pn	21 24 58.8	-5.6
BRLK	Bradley Lake	1.42 193	eP	Pn	21 24 48.0	+0.8
RWB	Redoubt West	1.42 244	P	Pn	21 25 03.9	-0.7
RWB	Redoubt West	1.42 244	P	Pn	21 24 47.9	+0.6
NCT	North Crescent	1.43 247	P	Pn	21 25 05.9	+0.6
GLI	Glacier Island	1.57 98	P	Pn	21 24 48.8	-0.4
GLI	Glacier Island	1.57 98	P	Pn	21 25 09.1	+0.7
SCM	Sheep Creek Mo	1.57 63	eP	Pn	21 24 50.0	+0.6
SCM	Sheep Creek Mo	1.57 63	eP	Pn	21 25 06.0	
SCM	Sheep Creek Mo	1.57 63	eP	Pn	21 25 06.0	+0.6
SCM	Sheep Creek Mo	1.57 63	eP	Pn	21 25 06.0	+0.6
HOM	Homer	1.64 205	eP	Pn	21 25 06.0	-2.5
HOM	Homer	1.64 205	eP	Pn	21 24 51.6	+1.4
HOM	Homer	1.64 205	eP	Pn	21 25 08.8	-1.2
CNPM	China Poot	1.69 197	eP	Pn	21 24 51.8	+0.8
ILIM	Iliamna	1.70 232	P	Pn	21 24 52.2	+1.2
ILW	Iliamna West	1.73 234	P	Pn	21 24 52.3	+1.1
JKP	Jack Peak	1.79 91	P	Pn	21 24 52.4	+0.1
FID	Port Fidalgo	1.89 100	P	Pn	21 24 52.6	-1.1
VMT	TAPS T1 Valdez	1.90 90	P	Pn	21 24 53.9	+0.3
VLZ	Valdez	1.91 89	P	Pn	21 24 54.2	+0.3
HIN	Hinchinbrook I	2.01 226	P	Pn	21 24 54.4	+0.8
OPT	Oil Point	2.10 226	P	Pn	21 24 58.0	+1.5
KLU	Klutina	2.13 79	P	Pn	21 24 57.3	+0.4
KLU	Klutina	2.13 79	P	Pn	21 25 08.3	
DIV	Divide	2.18 88	eP	Pn	21 24 57.8	+0.2
DIV	Divide	2.18 88	eP	Pn	21 25 22.5	-1.0
EYAK	Cordova Ski Ar	2.29 103	eP	Pn	21 25 02.3	+0.6
TRF	Thorofore Moun	2.32 360	eP	Pn	21 25 02.2	+2.7
RND	Reindeer	2.37 16	eP	Pn	21 25 02.3	+2.1
RND	Reindeer	2.37 16	eP	Pn	21 25 27.9	
RND	Reindeer	2.37 16	eP	Pn	21 25 02.3	+2.1
RND	Reindeer	2.37 16	eP	Pn	21 25 02.3	+2.1
DHY	Augustine Lava	2.37 223	P	Pn	21 25 27.9	-0.1
DHY	Augustine Lava	2.37 223	P	Pn	21 25 01.7	+0.8
PDB	Pedro Bay	2.37 237	P	Pn	21 25 01.7	+1.5
PDB	Pedro Bay	2.37 237	P	Pn	21 25 01.7	+1.5
AUH	Augustine H	2.38 223	P	Pn	21 25 01.8	+1.4
AUH	Augustine H	2.38 223	P	Pn	21 25 01.8	+1.4
AUI	Augustine Isla	2.40 222	P	Pn	21 25 02.1	+1.5
PS11	TAPS Pump St11	2.48 66	P	Pn	21 25 02.8	+1.2
SGAM	Sherman Glacier	2.56 102	P	Pn	21 25 02.0	-0.9
SW2	Sparrevoehn	2.58 217	eP	Pn	21 25 03.5	+0.5
MID	Middleton Isla	2.61 130	eP	Pn	21 25 02.5	-0.9
MID	Middleton Isla	2.61 130	eP	Pn	21 25 02.4	+0.8
MCK	McKinley	2.67 13	eP	Pn	21 25 05.8	+1.5
MCK	McKinley	2.67 13	eP	Pn	21 25 05.8	+1.5
HARP	HAARP	2.74 60	eP	Pn	21 25 06.4	+1.1
BMRM	Bremner River	2.76 91	eP	Pn	21 25 05.0	-0.6
GOAT	Goat Mountain	2.77 99	P	Pn	21 25 05.0	-0.7
RAGM	Ragged Mountai	2.83 228	P	Pn	21 25 07.1	+1.2
RAGM	Ragged Mountai	2.83 228	P	Pn	21 25 05.8	-1.0
CHUM	Lake Minchumit	2.91 342	P	Pn	21 25 09.7	+2.2
PAX	Paxson	2.91 49	eP	Pn	21 25 08.8	+1.2
PAX	Paxson	2.91 49	eP	Pn	21 25 08.8	+1.2
BRAW	Bear Paw Mtn.	3.01 354	P	Pn	21 25 08.8	+1.1
BWN	Browne	3.06	eP	Pn	21 25 11.3	+1.6
NICHA	Nichawak Mount	3.23 104	P	Pn	21 25 10.9	-1.1
TT01	Tatalina	3.23 306	P	Pn	21 25 13.4	+1.4
TTA	Tatalina	3.24 306	eP	Pn	21 25 13.0	+0.8
TTA	Tatalina	3.24 306	eP	Pn	21 25 13.0	+0.8
KAPH	Katmai Pasha	3.25 307	eP	Pn	21 25 12.9	+1.2
BERG	Berg Lake	3.31 100	P	Pn	21 25 12.0	-1.0
SUCK	Suckling Hills	3.38 106	P	Pn	21 25 12.4	-1.6
KAHG	Katmai Hook Gc	3.42 221	P	Pn	21 25 15.8	+1.1
KAHG	Katmai Hook Gc	3.42 226	P	Pn	21 25 15.9	+0.8
WRH	Wood River Hill	3.49 16	eP	Pn	21 25 16.3	+0.9
NEA	Nemah	3.50 93	P	Pn	21 25 17.2	+2.2
CRQM	Cirque	3.50 93	P	Pn	21 25 15.4	-0.4
MCARA	McCarthy VSAT	3.51 83	P	Pn	21 25 15.8	0.0
GRIN	Grindle Hills	3.52 101	P	Pn	21 25 14.9	-1.1
KDAK	Kodiak Island	3.57 200	P	Pn	21 25 16.3	-0.3
KDAK	Kodiak Island	3.57 200	P	Pn	21 26 03.4	+5.9
BGLC	Bering Glacier	3.59 104	P	Pn	21 25 15.8	-1.1
HDA	Harding Lake	3.61 24	eP	Pn	21 25 18.6	+1.4
TGL	Tana Glacier	3.62 96	P	Pn	21 25 17.7	+0.5
CCB	Clear Creek Bu	3.69 17	eP	Pn	21 25 19.0	+0.7
KAKN	Katmai Knife C	3.75 222	P	Pn	21 25 20.0	+0.9
PTPK	Patty Peak	3.78 86	P	Pn	21 25 19.9	+0.2
KABR	Katmai Barrier	3.85 220	P	Pn	21 25 21.4	+0.9
KIAG	Kiagn River	3.87 228	P	Pn	21 25 20.0	+0.4
KELA	Mount Kela	3.87 228	P	Pn	21 25 21.7	+0.9
BARK	Barkley Ridge	3.89 98	P	Pn	21 25 20.3	-0.8
COLA	College	3.90 15d/P	P	Pn	21 25 22.3	+1.2
COLA	College	3.90 15d/P	P	Pn	21 25 23.3	+2.1
IS3US	FAIRBANKS INFR	3.90 15	I	Pn	21 48 00.0	
IS3US	FAIRBANKS INFR	3.90 15	I	Pn	21 26 03.3	+5.9
ILAR	Ilam	58mm,0.3s,baz=205,slow=14,SNR=6.4	S	Pn	21 25 22.6	+0.7
IL1	Eielson Array	3.96 22	P	Pn	21 25 24.4	+1.1
CNTO	Contact Creek	4.05 227	P	Pn	21 25 22.9	+0.7
BAGL	Bagley Icefield	4.06 96	P	Pn	21 25 24.9	-0.2
GRNC	Granite Creek	4.18 92	P	Pn	21 25 24.9	-0.2
OHAK	Old Harbor	4.23 203	eP	Pn	21 25 24.8	-0.8
OHAK	Old Harbor	4.23 203	eP	Pn	21 25 25.0	+0.9
PTPK	Patty Peak	3.78 86	P	Pn	21 25 19.9	+0.2
KABR	Katmai Barrier	3.85 220	P	Pn	21 25 21.4	+0.9
KIAG	Kiagn River	3.87 228	P	Pn	21 25 20.0	+0.4
KELA	Mount Kela	3.87 228	P	Pn	21 25 21.7	+0.9
BARK	Barkley Ridge	3.89 98	P	Pn	21 25 20.3	-0.8
COLA	College	3.90 15d/P	P	Pn	21 25 22.3	+1.2
COLA	College	3.90 15d/P	P	Pn	21 25 23.3	+2.1
IS3US	FAIRBANKS INFR	3.90 15	I	Pn	21 48 00.0	
IS3US	FAIRBANKS INFR	3.90 15	I	Pn	21 26 03.3	+5.9
MSLE	Manley	3.91 57	eP	Pn	21 25 22.0	+0.7
MLY	Juniper Island	3.92 94	P	Pn	21 25 20.6	-0.9
MDM	Murphy Dome	3.94 13	eP	Pn	21 25 24.5	+2.8
ILAR	Eielson Array	3.96 22	P	Pn	21 25 22.4	+0.5
ILAR	Eielson Array	3.96 22	P	Pn	21 26 05.9	-1.0
IL1	Eielson Array	3.96 22	P	Pn	21 25 22.6	+0.7
CNTO	Contact Creek	4.05 227	P	Pn	21 25 24.4	+1.1
BAGL	Bagley Icefield	4.06 96	P	Pn	21 25 22.9	+0.7
GRNC	Granite Creek	4.18 92	P	Pn	21 25 24.9	-0.2
OHAK	Old Harbor	4.23 203	eP	Pn	21 25 24.8	-0.8
OHAK	Old Harbor	4.23 203	eP	Pn	21 25 25.0	+0.9
PTPK	Patty Peak	3.78 86	P	Pn	21 25 19.9	+0.2
KABR	Katmai Barrier	3.85 220	P	Pn	21 25 21.4	+0.9
KIAG	Kiagn River	3.87 228	P	Pn	21 25 20.0	+0.4
KELA	Mount Kela	3.87 228	P	Pn	21 25 21.7	+0.9
BARK	Barkley Ridge	3.89 98	P	Pn	21 25 20.3	-0.8
COLA	College	3.90 15d/P	P	Pn	21 25 22.3	+1.2
COLA	College	3.90 15d/P	P	Pn	21 25 23.3	+2.1
IS3US	FAIRBANKS INFR	3.90 15	I	Pn	21 48 00.0	
IS3US	FAIRBANKS INFR	3.90 15	I	Pn	21 26 03.3	+5.9
MSLE	Manley	3.91 57	eP	Pn	21 25 22.0	+0.7
MLY	Juniper Island	3.92 94	P	Pn	21 25 20.6	-0.9
MDM	Murphy Dome	3.94 13	eP	Pn	21 25 24.5	+2.8
ILAR	Eielson Array	3.96 22	P	Pn	21 25 22.4	+0.5
ILAR	Eielson Array	3.96 22	P	Pn	21 26 05.9	-1.0
IL1	Eielson Array	3.96 22	P	Pn	21 25 22.6	+0.7
CNTO	Contact Creek	4.05 227	P	Pn	21 25 24.4	+1.1
BAGL	Bagley Icefield	4.06 96	P	Pn	21 25 22.9	+0.7
GRNC	Granite Creek	4.18 92	P	Pn	21 25 24.9	-0.2
OHAK	Old Harbor	4.23 203	eP	Pn	21 25 24.8	-0.8
OHAK	Old Harbor	4.23 203	eP	Pn	21 25 25.0	+0.9
PTPK	Patty Peak	3.78 86	P	Pn	21 25 19.9	+0.2
KABR	Katmai Barrier	3.85 220	P	Pn	21 25 21.4	+0.9
KIAG	Kiagn River	3.87 228	P	Pn	21 25 20.0	+0.4
KELA	Mount Kela	3.87 228	P	Pn	21 25 21.7	+0.9
BARK	Barkley Ridge	3.89 98	P	Pn	21 25 20.3	-0.8
COLA	College	3.90 15d/P	P	Pn	21 25 22.3	+1.2
COLA	College	3.90 15d/P	P	Pn	21 25 23.3	+2.1
IS3US	FAIRBANKS INFR	3.90 15	I	Pn	21 48 00.0	
IS3US	FAIRBANKS INFR	3.90 15	I	Pn	21 26 03.3	+5.9
MSLE	Manley	3.91 57	eP	Pn	21 25 22.0	+0.7
MLY	Juniper Island	3.92 94	P	Pn	21 25 20.6	-0.9
MDM	Murphy Dome	3.94 13	eP	Pn	21 25 24.5	+2.8
ILAR	Eielson Array	3.96 22	P	Pn	21 25 22.4	+0.5
ILAR	Eielson Array	3.96 22	P	Pn	21 26 05.9	-1.0
IL1	Eielson Array	3.96 22	P	Pn	21 25 22.6	+0.7
CNTO	Contact Creek	4.05 227	P	Pn	21 25 24.4	+1.1
BAGL	Bagley Icefield	4.06 96	P	Pn	21 25 22.9	+0.7
GRNC	Granite Creek</					

20d 21h

2010 SEP

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like E27A Carson, G25A Nevel, O16A Springville, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like L25A Engelbreten Ra, E32A Braten, B33A Santa Cruz Isl, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like N28A Pribbeno Ranch, P26A Davis Ranch, ECSD EROS Data Cent, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, and other details. Includes entries like P33A Williams Farm, U27A Thompson Grove, LPM Los Pinos Moun, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, and other details. Includes entries like Z28A Tucker Farm, U35A Pawnee, U34A Guthrie, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, and other details. Includes entries like 135A Vickery Place, 431A Sonora, 234A Clairette, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like 035A Encino, YVWC Virginia Weste, 035Z Hargill, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like ARU Arti, ARU Virginia Weste, ARU Hargill, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like NKC Novy Kostel, NKC UPC, NKC Upice, etc.

Table with columns: WTTA, PSZ, AML, SENIN, KBA, ARSA, FUORNI, TUE, BURAR, ABTA, CPD, SOKA, PERS, OBKA, BNI, BNI, JAVS, PKSM, PKML, PGAV, VISS, KSH, KSH, KSH, KSH, KSH, KSH, BOJS, DOPR, GYA, VRI, PLOH, PLOH, POLO, BZS, BZS, GZR, GZR, MLR, MLR, VOIR, VOIR, MTE, MTE, PCAS, KIV, KIV, DIVS, KBZ, PMRV, NEY, ZEI, ZEI, ESDC, ESDC, PMOR, EVO, KMI, KMI, KMI, KMI, KMI, KMI, KMI, PNCL, PBAR, MESJ, LSA, LSA, LSA, MORF, PVAQ, QIZ, QIZ, QIZ, PPT, PPT, GEYT, ROSC, KBL, KBL, KBL.

Table with columns: BRTR, TAPN, GUN, KKN, DANM, GKN, ODAN, PKIN, PKI, DMN, RAM, OTAV, KOLN, KEST, KEST, CHTO, CHTO, CMAR, CMAR, PTGA, SAML, TORO, KMBO, VNDA, CASY, BOSB, MAW, IDC 20 21:42:24.2,3,4,6,11S, IDC 20 22:03:18.3,2,2,0,8,1S, AUST 20 22:03:18.3,5,9,0,5,8S, SWI, FAKI, LUWI, KDU, MTN, BATI, KAPI, KNRA, FITZ, WRA, ASAR, H1N1, H1N2, H1N3, MKAR, DDA 20 22:09:30.6,4,1,21N:41,29E, TIF 20 22:09:14.3,43,16N:41,93E, KRSC 20 22:11:49.1,1,2,54,90N:163,31E, MKZ, MKZ, BKI, BKI, KBT, KBT, KBG, TUMR, TUMR, SMKR, SMKR, SRKR, SRKR, SPN, SPN, ESO, ESO, NLC, NLC, SDR, SDR, SMAR, SMAR.

Table with columns: UGLR, UGLR, KRX, KRX, AVX, AVX, KOK, KOK, PET, PET, GNL, GNL, RUS, RUS, MTRV, MTRV, IDC 20 22:15:01.9,22,0,22,64S:179,21E, ASAR, ASAR, WRA, WRA, TXAR, TXAR, ARCES, ARCES, IDC 20 22:23:29.1,3,1,6,90S:154,59E, PMG, PMG, WRA, WRA, ASAR, ASAR, MKAR, MKAR, TORO, TORO, TORO, ISK 20 22:29:16.4,39,02N:41,14E, DDA 20 22:29:17.4,38,95N:41,14E, CSEM 20 22:29:17.9,0,1,39,01N:41,47E, IDC 20 22:29:17.5,1,3,39,01N:0,03,41,48E, BINGOL, BINGOL, BNGB, BNGB, SVAN, SVAN, TUTA, TUTA, TUTA, TUTA, KOPT, KOPT, KOPT, KOPT, AGRB, AGRB, ERZN, ERZN, VAN, VAN, VAN, VAN, SIRT, SIRT, SIRT, SIRT, MAZI, MAZI, MAZI, MAZI, SVRC, SVRC, SVRC, SVRC, CLDR, CLDR, CLDR, CLDR, KELT, KELT, KELT, KELT, CUKT, CUKT, CUKT, CUKT, BCA, BCA, BCA, BCA, WEL 20 22:40:30.9,0,1,43,61S:172,48E, CRLZ, CRLZ, CRLZ, CRLZ, MOZ, MOZ, MOZ, MOZ, OXF, OXF, OXF, OXF, LAKE, LAKE, LAKE, LAKE, RPZ, RPZ, RPZ, RPZ, WVV, WVV, WVV, WVV, KHU, KHU, KHU, KHU, LBZ, LBZ, LBZ, LBZ, THZ, THZ, THZ, THZ, DSZ, DSZ, DSZ, DSZ, DSZ, DSZ, DSZ, DSZ, WJZ, WJZ, WJZ, WJZ, JCK, JCK, JCK, JCK, WKZ, WKZ, WKZ, WKZ, EAZ, EAZ, EAZ, EAZ.

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like ABTA Abfaltersbach, IDHR Dehrash, IGHH Ghaleghazi, etc.

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like TAM Tamanrasset, ESCD Soncase Array, GEYT Alibeck, etc.

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like KARP Karpathos, ZKR Zakros, NPS Neapolis, etc.

DDA 21 02:09:15.2, 34.98N-26.81E, h7km, MD3.5
ISCJB 21 02:09:20.8, 0.7, 35.08N, 0.03, 26.95E, 0.02, h26km, 5km,
mb4, 2/3, MS3, 6/9, Error ellipse: s-maj=5.1 km
s-min=2.8 km, az=173.2
ISK 21 02:09:20.3, 35.08N-27.09E, h12km, ML4.2
BUI 21 02:09:21.7, 35.70N-26.77E, h15km, mb4, 6/5, mb4, 9/4,
Ms4.6/2, Ms7.4/2/1
THE 21 02:09:21.3, 35.23N-26.97E, h0km, 1km, ML3.8/2, Error
ellipse: s-maj=3.9km s-min=1.1km az=147.0
MOS 21 02:09:21.3, 1.3, 35.00N-26.84E, h33km, mb4, 4/2, Error
ellipse: s-maj=7.3km s-min=4.2km az=95.3
ATH 21 02:09:22.0, 35.34N-26.90E, h22km, 1km, MD3, 9/22,
ML4.1
CSEM 21 02:09:22.0, 0.2, 35.16N-26.92E, h20km, mb4, 3/25, Error
ellipse: s-maj=6.4km s-min=3.2km az=173.0
NEIC 21 02:09:22.0, 35.34N-26.90E, h22km, mb4, 1/13,
ML4.0 (THE), ML4.1 (ATH), After ATH.
IDC 21 02:09:24.3, 2.7, 35.25N-26.88E, h39km, 24km, mb3, 9/20,
mb1 4.0/23, mb1 mx4.0/31, mbmp4, 1/23, ML3.7/2, MS3.7/13,
Ms1 3.7/13, ms1 mx3.5/27, Error ellipse: s-maj=19.1 km
s-min=12.0 km, az=160.0
ISC 21 02:09:20.9-0.6, 35.16N-26.99E, 0.02, h17km, 3km,
n388, r1948/429, mb4, 3/33, MS3, 7/9, 5C, Crete

Code Station Name Az Az' Phase ID Time Res
KARP Karpathos 0.41 20 ePB 02 09 27.9 -1.4

Table with columns: STVI, SDV, SDV, MLG, BCP, GUP, PCRV, PCDV, FDFV, DWPF, BRTR, ROSC, ROSC, ROSC, JTS, BBSR, TIGR, OTAV, TKL, TKL, CPCT, BLA, TZMT, CMJG, SDMD, OXF, WVT, PTGA, PTGA, PBMO, ATAH, TULI, SADO, JCT, SAML, TXAR, TXAR, TXAR, TX31, MNTX, BNM, LPM, LAZ, SDCO, LPAZ, LPAZ, SCHQ, SCHQ, LOHW, REDW, MOOW, TPWA, FXWY, IMW, BGU, SHPR, BDFB, BDFB, NVAR, CPUD, SFJD, YKA, RES, MESJ, PCVE, POLO, PESTR, MTE, PMRV, PBAR, MVO, MDT, ESDC, ESLA, BMRM, ILAR, NOA, TORO, DAVOX, HFS, KEST, KEST, GERH, GERH, DPC, ARCES, ARCES, VRAC, PKSM, FINES

Table with columns: FINES, DIVS, TRPA, GZRA, BURAR, VOIR, MLR, AKAS, VRI, WMQ, HKH, LZH, LZH, CD2, WRA, ASAR, ISCJJB, Error ellipse, DDA, CSEM, ISK, ISC, Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, h, m, s, ISC

Table with columns: SOH, SOH, SOH, BOLS, BOLS, BOVS, BOVS, BOVS, HORT, HORT, HORT, SELS, SELS, SELS, PLG, SRE, SRE, KUBS, KUBS, KUBS, ALN, GRUS, GRUS, GRUS, IVAS, IVAS, GZR, GZR, GZR, GZR, GZR, GZR, GZR, GZR, BZS, BZS, BZS, BZS, TLB, TLB, TIR, TIR, TIR, PLOR, PLOR, VRI, VRI, VRI, ISK, DDA, ATH, IDO, ISCJJB, THE, Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, h, m, s, ISC

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TWS1, NSK, NNS, NCU, PCYT, TWD, etc.

IDC 21 06:57:08.5:7.0,23.27N:95.92E,h0km,mb3.6/3, mb1.3/3,mb1mx3.4/42,mbtmp3.6/3,Error ellipse: s-maj=681.2km s-min=27.1km az=59.0,Myanmar

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

ISC/JB 21 07:02:16.9:0.2,41.37N:0.02:15.23E:0.02,h2km,3km, Error ellipse: s-maj=3.7km s-min=3.0km az=20.8

CSEM 21 07:02:16.6:0.1,41.34N:15.23E,h10km,MD2.9, Error ellipse: s-maj=3.5km s-min=2.5km az=11.0

ROM 21 07:02:16.4:0.1,41.36N:15.26E,h18km,2km,MD2.9/28, M2.9/15, Error ellipse: s-maj=1.9km s-min=1.3km az=46.0

BEO 21 07:02:19.7:0.9,41.35N:15.59E,h0km,ML3.1/6, Error ellipse: s-maj=1.7km s-min=1.2km az=17.0

ISC 21 07:02:17.0:0.8,41.36N:0.02:15.24E:0.02,h17km,5km, n94,r100/122,5C-1D,Southern Italy

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

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

ISC/JB 21 07:11:26.0:1.1,19.9N:0.2:94.5E:0.1,h100km,mb3.6/7, Error ellipse: s-maj=3.2km s-min=3.0km az=32.5

IDC 21 07:11:27.5:1.7,19.9N:94.67E,h84km,8km,mb3.4/7, mb1.3/5.8,mb1mx3.2/45,mbtmp3.7/8,MS3.1/1,Ms1.3/1.1, ms1mx2.4/41, Error ellipse: s-maj=54.5km s-min=17.6km az=54.0

ISC 21 07:11:28.2:1.3,20.0N:0.2:94.6E:0.2,h100km,117km, az=146.20,mb3.6/7,Myanmar

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

DJA 21 07:12:30.4:0.5,0N:5.12'E:1,h155km,6km,M3.9/9, MLV3.9/9,Minahassa Peninsula,Sulawesi

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

NNC 21 07:14:35.8:3.6,37.47N:71.18E,h0km,mb3.9,mpv3.5, Error ellipse: s-maj=30.6km s-min=9.8km az=169.0

ISC 21 07:14:35.2:3.1,37.47N:0.2:71.21E:0.07,h10km,n14, r134/19,9C-4D,Afghanistan-Tajikistan border region

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

JMA 21 07:18:45.4:0.5,45.04N:148.84E,h168km,M3.5 SK(H) 21 07:18:46.9:0.3,44.29N:149.45E,h49km,5km,mb4.3/3

ISC 21 07:18:48.7:3.4,44.28N:0.06:149.2E:0.2,h36km,n23, r251/31,Kuril Islands

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Cerro Bola, Barrett, Pinyon Flat Ob, Murrieta, Organ Pipe Nat, etc.

NNC 21 09:23:05.4:1.4, 39.42N-73.61E, h0km, mb3.6, mpv3.2, Error ellipse: s-maj=14.7km s-min=7.0km az=96.0

KRNET 21 09:23:06.2:0.1, 39.29N-73.36E, mb3.7, Error ellipse: s-maj=14.7km s-min=7.0km az=96.0

ISC 21 09:23:06.2:1.7, 39.37N-0.08:73.49E, h0km, n14, 0.184:23, 17C-4D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Sufi-Kurgan, Batken, Aral, Arkit, Almayashu, Naryn, Uchtor, Kyzart, Manas, Erkin-Say, Dzerherino, Tokmak 2, Karatay Array, etc.

KRSC 21 09:23:28.5:1.8, 55.37N-163.41E, h40km, 22km, ML3.6, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Krutoberegovo, Mys Kozlova, Kizym, Klyuchi, Tumrok, Kozedrevny, Dzhirinsky, Mys Shipunski, Nalytchevo, Sedlovina, Koryakskii, Somma, Arik, Ugliovaya, Avacha, Ganaly, Russkaya, etc.

ISK 21 09:26:58.8, 37.05N-28.69E, h6km, MD2.9

DDA 21 09:26:58.4, 37.06N-28.73E, h7km, MD2.7

ISCJB 21 09:26:59.4:0.6, 37.09N-0.04:28.72E, h4km, 6km, Error ellipse: s-maj=6.1km s-min=4.4km az=0.0

CSEM 21 09:26:59.7:0.3, 37.10N-28.73E, h10km, MD2.7, Error ellipse: s-maj=7.1km s-min=5.5km az=5.0

ISC 21 09:26:59.9:1.0, 37.12N-0.03:28.71E, h0km, 2km, n28, r109/43, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Turunc, Dalyn, Dalyn (Mu'la), Yerkesik, Cakirokul, Cakirokul, Denzil, Denzil, Golhisar, Golhisar, Tasoluk, Tasoluk, Kayabasi, Kayabasi, Elmali, Elmali, Zeytinkoy-Aydi, Zeytinkoy-Aydi, Bodrum, Bodrum, AKAS, AKAS, Korkueli, Korkueli, Kula-Manisa, Kula-Manisa, etc.

IDC 21 09:39:10.4:2.3, 54.14N-86.30E, h0km, mb1.3, 4/2, mb1mx3.1/4.5, mbtmp3.4/2, ML3.1/2, Error ellipse: s-maj=18.2km s-min=10.6km az=62.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Zalesovo Beam, Kurbatov Ara, Makanchi Array, etc.

JMA 21 10:18:42.1:0.1, 26.77N*141.40E, h403km, M3.8, Bonin Islands region

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

CSEM 21 10:24:37.6:0.3, 39.13N-27.94E, h20km, MD2.5, Error ellipse: s-maj=5.7km s-min=3.3km az=119.0

DDA 21 10:24:38.1, 39.14N-27.98E, h7km, MD2.6

ISK 21 10:24:39.5, 38.96N-27.99E, h15km, MD2.5

ISC 21 10:24:37.9:1.1, 39.10N-0.03:27.95E, h0km, 14km, n13, r077/25, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Akhisar, Akhisar, Balikesir, Demirci, Demirci, Demirci, Dursunbey, Dursunbey, Manisa, Manisa, Kula-Manisa, Kula-Manisa, Zeytinkoy-Aydi, Zeytinkoy-Aydi, etc.

ISCJB 21 10:29:04.7:0.4, 24.50N-0.03:122.31E, h0km, 4km, Error ellipse: s-maj=5.0km s-min=2.4km az=3.4

JMA 21 10:29:05.3, 24.46N, 122.26E, h27km, 2km, MD2.9

TAP 21 10:29:05.4, 24.50N, 122.16E, h2km, 1km, MD2.9

ISC 21 10:29:04.9:1.0, 24.49N-0.03:122.27E, h0km, 6km, n26, r090/50, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Suao, Suao, EGs, EGs, ENA, ENA, TWB1, TWB1, TWB2, TWB2, TWB3, TWB3, TWB4, TWB4, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like baz=283, baz=283, Yonaguni jima, Yonaguni jima, Wun-fen Shan, Wun-fen Shan, Chianwan, Chianwan, Muzha, Muzha, Nan Shan, Nan Shan, Sanguang, Sanguang, Kuangyinshan, Kuangyinshan, Nanjangu, Nanjangu, Danda, Danda, Iriomote-Funau, Iriomote-Funau, Liyutan, Liyutan, Sun Moon Lake, Sun Moon Lake, Yushan, Yushan, Kuro-shima, Kuro-shima, Alishan, Alishan, Tsauling, Tsauling, Ishigaki jima, Ishigaki jima, Ishigakijimahi, Ishigakijimahi, etc.

MEX 21 11:36:38.1:0.6, 14.80N-92.68W, h95km, 7km, MD3.5

ISCJB 21 11:36:39.5:1.1, 14.94N-0.08:92.70W, h0km, 87km, Error ellipse: s-maj=16.8km s-min=5.0km az=138.1

CASC 21 11:36:42.9:1.5, 14.98N-92.48W, h28km, 13km, MD4.0

ISC 21 11:36:39.9:1.7, 14.97N-0.10:92.71W, h0km, n12, r100/18, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Jato, Comitan, Comitan, Fuego 3, Pacaya, Robledal, El Retiro, San Blas, San Jose, La Fuente, El Faro, El Faro, etc.

NIED 21 11:39:00.24:90N, 125.70E, h35km, Mw4.2 Best double couple: M=2.45000*10^15 NP1=238.00000, S41.00000, 7.86.00000, NP2=63.00000, S49.00000, S93.00000

ISCJB 21 11:39:43.8:0.3, 25.01N-0.06:125.84E, h0km, 3km, mb4, 0/25, MS3.5/9, Error ellipse: s-maj=11.5km s-min=3.1km az=151.7

IDC 21 11:39:45.0:0.8, 25.04N-125.62E, h46km, 8km, mb3.8/22, mb1.4/0/22, mb1mx3.9/42, mbtmp4.1/22, ML1.9/1, MS3.4/11, MS1.3/4/11, ms1mx3.1/45, Error ellipse: s-maj=16.6km s-min=14.5km az=88.0

NEIC 21 11:39:44.6:0.8, 24.97N-125.65E, h48km, 8km, mb4.3/3, Error ellipse: s-maj=11.6km s-min=7.5km az=148.0

NEIC Recorded [JMA] on Miyako-jima

JMA 21 11:39:44.3:0.1, 24.98N-125.65E, h53km, 1km, M4.4

JMA Felt J1

ISC 21 11:39:44.7:0.6, 24.98N-0.07:125.65E, h46km, 5km, n69, r109/85, mb4.1/25, MS3.4/9, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Gusukube, Gusukube, Miyako jima 2, Miyako jima 2, Irabujima, Irabujima, Tarama, Tarama, Ishigakijimahi, Ishigakijimahi, Ishigaki jima, Ishigaki jima, Kuro-shima, Kuro-shima, Kume jima 2, Kume jima 2, Iriomote-Funau, Iriomote-Funau, Hateruma jima, Hateruma jima, Tamagusuku 2, Tamagusuku 2, Yonaguni jima, Yonaguni jima, Yonagunijimaku, Yonagunijimaku, Nagotoyohara, Nagotoyohara, Iheya, Iheya, Kunigami, Kunigami, Kunigami, Kunigami, Kuro-shima, Kuro-shima, Nanganichao, Nanganichao, Yeheng, Yeheng, Tokunoshima, Tokunoshima, Yuli, Yuli, etc.

21d 12h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Suanglung, Amaminishikomi, Pinlang, Ta-pu, Amami Oshima, etc.

MEX 21 12:02:33.0-0.7, 15:30N, 91.65W, h256km, 6km, MD4.1, Mexico-Guatemala border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Comitan, PCIG, TGIG.

NIED 21 12:05:00, 44.00N, 148.20E, h41km, Mw3.9 Best double couple: M8.28000x1014 NP1.3x237.00000x, 820.00000x, 1.20.00000x, NP2.25.00000x, 873.00000x, 7.9.00000x.

JMA 21 12:05:31.4-0.4, 44.00N, 148.22E, h0km, M4.9 SKHL 21 12:05:32.8-1.0, 44.36N, 148.49E, h55km, 4km, mb4.9/4, Ms4.3/2

ISC/JB 21 12:05:32.8-0.8, 44.33N, 0.05:148.34E, 0.07, h55km, 7km, mb3.9/20, MS3.2/4, Error ellipse: s-maj=10.3km s-min=5.6km az=36.7

MOS 21 12:05:33.2-0.9, 44.43N, 148.28E, h57km, mb4.2/13, Error ellipse: s-maj=13.8km s-min=9.5km az=78.4

IDC 21 12:05:33.8-2.7, 44.44N, 148.18E, h42km, 25km, mb3.6/16, mb1.3/8/20, mb1mx3.6/60, mbtmp3.8/20, ML3.0/4, MS3.1/7, Ms1.3/17, ms1mx2.9/39, Error ellipse: s-maj=19.6km s-min=14.1km az=133.0

ISC 21 12:05:33.6-1.3, 44.32N, 0.06:148.40E, 0.08, h45km, 11km, n83, c1900/84, mb3.9/20, MS3.0/4, 4D, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Kuril'sk, Kur, KURK, etc.

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Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SHO, SHO, SHO, etc.

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

ISC/JB 21 12:15:38.4-0.8, 6.33S, 0.1:107.1W, 0.2, h10km, mb4.5/13, MS4.1/14, Error ellipse: s-maj=36.1km s-min=13.5km az=159.3

IDC 21 12:15:38.1-1.7, 6.32S, 107.20W, h0km, mb4.3/5, mb1.4/7/5, mb1mx4.1/30, mbtmp4.3/5, MS4.1/14, Ms1.4/14, ms1mx4.0/17, Error ellipse: s-maj=68.8km s-min=29.7km az=56.0

GCMT 21 12:15:39.0-0.3, 6.15S, 107.04W, h19km, 1km, Mw5.0/96, Moment Tensor Solution. s387.44; s96.c141; Duration: 0.15sec; Moment Scale: 1016Nm; Mr=0.12e11; Mw=0.10e10; Mw0.02e10; Mw0.57e21; Mw0.57e21; Mw0.34e21; Mw0.34e21; Best double couple: M63.60600x1016 Nm; 0.00000x; 884.00000x; 1.9.00000x; NP2.25.00000x; 881.00000x; A-174.00000x; Principal axes: T 3.6120, Plg3.0000, Azm316.0000; P-3.6000, Plg1.0000, Plg79.0000; Azm60.0000; P-3.6000, Plg1.0000, Azm225.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

NEIC 21 12:15:39.9-0.7, 6.34S, 107.04W, h10km, mb4.6/7, Error ellipse: s-maj=33.4km s-min=13.4km az=71.0

ISC 21 12:15:39.9-0.8, 6.33S, 0.1:107.0W, 0.3, h10km, n35, c1925/13, mb4.6/13, MS4.1/14, Central East Pacific Rise

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CMIG, JTS, ATAH, LPIG, RKT, etc.

21d 14h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ESK, TOR, ARCES, AAK, MKAR, ZALV, SONM, CMAR, YAK, ILAR, WRA, etc.

IDC 21 13:08:17.7:1.3, 32.14S:179.40W, h0km, mb4.6/4, mb1.4/7.5, mb1mx4.1/27, mbmtmp4.5/5, ML3.7/1, MS3.4/5, Ms1.3/4.5, ms1mx3.2/18, Error ellipse: s-maj=45.7km s-min=27.6km az=52.0

NEIC 21 13:08:19.1:1.2, 32.16S:179.37W, h10km, mb4.7/2, Error ellipse: s-maj=28.6km s-min=18.5km az=69.0

ISCJB 21 13:08:23.4:1.2, 32.45S:0.09:179.6W, 0.2, h33km, mb4.6/5, MS3.3/3, Error ellipse: s-maj=23.9km s-min=12.5km az=0.7

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like OUZ, URZ, RPZ, DZM, ASAR, WRAB, WRA, VNDA, FITZ, QSPA, MAW, VNA2, VNA1, MJAR, FINES, TORD, etc.

IDC 21 13:14:59.3:3.6, 5.14S:151.83E, h0km, mb3.5/3, mb1.3/3.3, mb1mx3.4/32, mbmtmp3.6/3, MS3.3/1, Ms1.3/3.1, ms1mx2.7/20, Error ellipse: s-maj=121.9km s-min=50.5km az=121.0, New Britain region

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

IDC 21 13:28:07.5:1.5, 52.53N:169.77W, h0km, mb3.6/2, mb1.3/3.3, mb1mx3.3/40, mbmtmp3.3/3, ML2.8/1, Error ellipse: s-maj=96.8km s-min=27.3km az=144.0

ISCJB 21 13:28:09.4:1.5, 52.7N:0.2:169.7W, 0.3, h24km, 9km, mb4.1/3, Error ellipse: s-maj=43.3km s-min=9.4km az=144.3

NEIC 21 13:28:11.4:5.2, 60N:169.05W, h3km, ML3.1(AE/C), After AEIC

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H1N2, H1N3, H1N1, H1S1, H1S2, H1S3, TXAR, WRA, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ASAR, IDC, I43RU, I31KZ, I46RU, etc.

IDC 21 13:41:10.2:1.9, 32.15S:179.35W, h0km, mb4.5/3, mb1.4/6.4, mb1mx4.0/23, mbmtmp4.4/4, ML3.7/1, MS3.5/2, Ms1.3/2.2, ms1mx3.0/18, Error ellipse: s-maj=49.1km s-min=39.2km az=52.0

NEIC 21 13:41:11.6:1.0, 32.20S:179.39W, h10km, mb4.5/1, Error ellipse: s-maj=19.6km s-min=16.7km az=84.0

ISCJB 21 13:41:14.4:1.2, 32.32S:0.09:179.6W, 0.2, h33km, mb4.4/4, MS3.6/1, Error ellipse: s-maj=21.2km s-min=13.4km az=6.2

ISC 21 13:41:15.6:1.3, 32.25S:1.0:179.5W, 0.2, h35km, n17, c095/12, mb4.6/5, MS3.3/3, South of Kermadec Islands

TAP 21 13:42:09.6:2.3, 87N:121.86E, h44km, ML2.9, D JMA 21 13:42:09.5:0.1, 23.87N:121.82E, h44km, 2km, M2.7

ISC 21 13:42:10.3:0.3, 33.88N:0.02:121.86E, 0.02, h42km, 10km, Error ellipse: s-maj=4.6km s-min=3.0km az=138.0

ISC 21 13:42:10.7:1.2, 23.88N:0.03:121.84E, 0.03, h41km, 11km, n39, c053/62, 3D, Taiwan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like HWA, TWD, ESL, ENA, EHT, WDH, NNS, TWT, TWC, TWF, ENT, TWE, SMLT, CHKT, TYC, Yuch, NSK, NSK, EGS, ALS, ELDTW, ELDTW, ELDTW, etc.

ISC 21 13:42:11.4:1.2, 23.88N:0.03:121.84E, 0.03, h41km, 11km, n39, c053/62, 3D, Taiwan

TAP 21 13:42:09.6:2.3, 87N:121.86E, h44km, ML2.9, D JMA 21 13:42:09.5:0.1, 23.87N:121.82E, h44km, 2km, M2.7

ISC 21 13:42:10.3:0.3, 33.88N:0.02:121.86E, 0.02, h42km, 10km, Error ellipse: s-maj=4.6km s-min=3.0km az=138.0

ISC 21 13:42:10.7:1.2, 23.88N:0.03:121.84E, 0.03, h41km, 11km, n39, c053/62, 3D, Taiwan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like HWA, TWD, ESL, ENA, EHT, WDH, NNS, TWT, TWC, TWF, ENT, TWE, SMLT, CHKT, TYC, Yuch, NSK, NSK, EGS, ALS, ELDTW, ELDTW, ELDTW, etc.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like CHN1, EAST, IRIF, HATJ, JKRS, JUI, JISG, JISG, JTJ, etc.

DDA 21 13:53:28.9:37.88N:37.74E, h7km, MD2.7

ISCJB 21 13:53:29.0:0.5, 37.85N:0.03:37.70E, 0.04, h24km, 7km, Error ellipse: s-maj=5.7km s-min=5.3km az=150.1

CSEM 21 13:53:29.1:0.3, 37.85N:37.67E, h17km, 3km, MD2.7, Error ellipse: s-maj=5.6km s-min=4.9km az=33.0

ISK 21 13:53:29.3, 37.89N:37.60E, h25km, MD2.8

ISC 21 13:53:28.1:2.3, 37.88N:0.03:37.66E, 0.03, h13km, 10km, n23, c054/38, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GZT, ATAB, ATAB, DARE, DARE, DARE, KMRS, KMRS, HCB, HCB, ELZG, ELZG, ELZG, KEMA, KEMA, KEMA, PTK, PTK, PTK, DYBB, DYBB, DYBB, SVSK, SVSK, SVSK, MAZI, MAZI, MAZI, NIG, NIG, NIG, MARD, MARD, MARD, etc.

ISCJB 21 14:11:31.8:0.5, 38.55N:0.03:21.61E, 0.04, h24km, 4km, Error ellipse: s-maj=5.2km s-min=4.2km az=172.4

ATH 21 14:11:31.4:38.50N:21.62E, h21km, 5km, MD2.7/12

CSEM 21 14:11:31.6:0.2, 38.54N:21.62E, h20km, ML1.7, Error ellipse: s-maj=4.3km s-min=3.9km az=38.0

THE 21 14:11:32.7, 38.55N:21.65E, h13km, 2km, ML1.7.9, Error ellipse: s-maj=2.2km s-min=0.5km az=282.0

ISC 21 14:11:31.6:0.8, 38.54N:0.02:21.63E, 0.02, h18km, 4km, n41, c064/71, Greece

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PVO, PVO, PVO, EFP, EFP, EFP, EFP, PDD, PDD, PDD, PDD, EVR, EVR, EVR, EVR, LAKA, LAKA, LAKA, KALE, KALE, KALE, RLS, RLS, DRO, DRO, DRO, DRO, DRO, MAKRA, MAKRA, MAKRA, MAKRA, MAKRA, KLV, KLV, KLV, DESF, DESF, AGG, AGG, AGG, AGG, GUR, GUR, GUR, GUR, VLS, VLS, VLS, etc.

NNC 21 14:41:56.6:2.7, 36.05N:67.25E, h24km, 13km, mb4.0, mpv3.7, 9C-4D, Error ellipse: s-maj=31.1km s-min=18.8km az=121.0, Hindu Kush region

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

21d 14h

Table with columns: ID, Name, Value, Unit, Direction, Status, Date, Time, etc. Includes entries like U36A Oologah, U37A Salina, U35A Pawnee, etc.

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Table with columns: ID, Name, Value, Unit, Direction, Status, Date, Time, etc. Includes entries like KSU1 Kansas State U, CBKS Cedar Bluff, CBKS Cedar Bluff, etc.

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Table with columns: ID, Name, Value, Unit, Direction, Status, Date, Time, etc. Includes entries like N27A Anderson Farm, OGNE Ogallala, OGNE Ogallala, etc.

ATAH	baz=28,SNR=7.1	28.14 142	P	P	14 47 58.5 +0.1
ATAH	comp=Z,7.2nm,0.8s,ba	28.14 142	LR	LR	14 47 58.5 +0.1
TPNV	comp=Z,982nm,18.6s,ba	28.23 323	P	P	14 48 00.8 +2.1
BLG	baz=28,SNR=13	28.24 315	P	P	14 48 00.7 +2.0
FURC	baz=28,SNR=6.0	28.27 321	P	P	14 48 00.5 +1.7
I34A	baz=29,SNR=8.3	28.28 359	P	P	14 47 58.0 -1.0
I32A	baz=29,SNR=6.7	28.32 358	P	P	14 47 58.3 -0.9
I33A	baz=29	28.33 357	P	P	14 47 58.6 -0.7
J26A	baz=29,SNR=12	28.35 348	P	P	14 48 00.5 +0.9
I30A	baz=29	28.38 354	P	P	14 47 59.5 -0.3
MPMC	baz=29	28.39 320	P	P	14 48 01.7 +1.6
I31A	baz=29	28.41 355	P	P	14 47 59.8 -0.2
BSC	baz=29	28.56 314	P	P	14 48 03.5 +1.9
K22A	baz=29,SNR=8.4	28.58 342	P	P	14 48 02.2 +0.5
K22A	comp=Z,58nm,1.4s	28.58 342	eP	P	14 48 01.9 +0.1
J25A	baz=29	28.58 347	P	P	14 48 01.8 +0.1
I29A	baz=29	28.59 352	P	P	14 48 01.5 -0.1
DAC	comp=Z,28nm,1.3s	28.59 320	P	P	14 48 03.3 +1.3
DAC	comp=Z,28nm,1.3s	28.59 320	P	P	14 48 03.3 +1.3
ARVC	baz=29	28.67 317	P	P	14 48 03.7 +1.2
I28A	baz=29,SNR=6.2	28.68 351	P	P	14 48 02.1 -0.4
ISA	baz=29	28.76 318	P	P	14 48 05.2 +1.8
H32A	baz=29,SNR=18	28.80 357	P	P	14 48 02.7 -0.8
R11A	baz=29,SNR=8.4	28.83 325	P	P	14 48 05.9 +1.8
R11A	comp=Z,24nm,1.3s	28.83 325	eP	P	14 48 05.0 +0.9
DUG	baz=29	28.84 331	eP	P	14 48 05.5 +1.5
DUG	comp=Z,23nm,1.4s	28.84 331	P	P	14 48 05.6 +1.5
DUG	baz=29,SNR=8.1	28.84 331	eP	P	14 48 05.5 +1.5
DUG	comp=Z,23nm,1.4s	28.85 355	P	P	14 48 03.3 -0.6
H31A	baz=29,SNR=5.8	28.85 354	P	P	14 48 03.4 -0.6
SUSD	baz=29	28.89 350	P	P	14 48 05.0 +0.6
I27A	baz=29,SNR=6.4	28.91 359	P	P	14 48 03.6 -0.8
H34A	baz=29,SNR=13	28.93 321	P	P	14 48 06.5 +1.8
GRAC	baz=29,SNR=8.3	28.95 358	P	P	14 48 03.7 -1.1
H33A	baz=29	28.97 334	eP	P	14 48 06.9 +1.5
TCUT	comp=Z,198nm,1.4s	29.00 349	P	P	14 48 06.0 +0.6
I26A	baz=29	29.00 349	P	P	14 48 07.2 +0.2
I25A	baz=29	29.17 347	P	P	14 48 06.4 -0.4
H29A	baz=30	29.17 353	P	P	14 48 08.4 +1.1
PKM	baz=30	29.20 316	P	P	14 48 08.5 +0.8
VES	baz=29,SNR=5.2	29.26 318	P	P	14 48 07.9 -0.3
H28A	baz=30	29.32 352	P	P	14 48 09.2 +0.8
RSSD	comp=Z,12nm,1.1s	29.33 347	eP	P	14 48 09.2 +0.8
RSSD	comp=Z,12nm,1.1s	29.33 347	eP	P	14 48 09.2 +0.8
H27A	baz=30	29.45 350	P	P	14 48 11.0 +1.3
TIN	baz=30	29.54 4	P	P	14 48 08.6 -1.4
SPMN	comp=Z,156nm,1.0s	29.54 4	eP	P	14 48 08.6 -1.4
G30A	baz=30,SNR=17	29.55 354	P	P	14 48 12.0 +1.7
H26A	baz=30	29.55 349	P	P	14 48 12.0 +1.7
SMMC	baz=30	29.56 316	P	P	14 48 09.3 -1.0
G32A	baz=30,SNR=5.1	29.56 357	P	P	14 48 11.3 -0.2
G31A	baz=30	29.57 356	P	P	14 48 11.8 +0.1
G29A	baz=30,SNR=6.2	29.70 353	P	P	14 48 11.8 +0.1
G28A	baz=30	29.71 348	P	P	14 48 13.7 -1.3
H25A	baz=30	30.09 359	P	P	14 48 16.3 +1.1
F33A	comp=Z,38nm,1.1s	30.10 333	eP	P	14 48 16.3 +1.1
HVU	comp=Z,38nm,1.1s	30.10 333	eP	P	14 48 16.3 +1.1
HVU	comp=Z,38nm,1.1s	30.15 351	P	P	14 48 15.7 +0.2
G27A	baz=30,SNR=7.9	30.18 350	P	P	14 48 15.6 -0.1
G26A	baz=30,SNR=5.2	30.20 356	P	P	14 48 14.7 -1.2
F31A	baz=30	30.22 321	P	P	14 48 18.2 +1.7
MLAC	baz=30,SNR=7.5	30.23 348	P	P	14 48 16.9 +0.7
G25A	baz=30	30.24 355	P	P	14 48 15.8 -0.5
F30A	baz=30	30.32 354	P	P	14 48 19.4 +1.2
F29A	baz=31,SNR=6.7	30.43 323	P	P	14 48 17.2 -0.9
NVAR	comp=Z,27nm,0.9s,ba	30.45 352	P	P	14 48 17.2 -0.9
F28A	baz=31	30.45 352	P	P	14 48 19.2 -0.7
F27A	baz=31	30.64 351	P	P	14 48 20.9 +0.7
REDW	comp=Z,101nm,1.4s	30.70 338	eP	P	14 48 21.6 +0.9
SNOW	comp=Z,7.6nm,1.0s	30.73 350	P	P	14 48 20.4 -0.3
F26A	baz=31	30.75 359	P	P	14 48 19.2 -1.5
E33A	baz=31	30.75 359	P	P	14 48 19.2 -1.5
E34A	baz=31,SNR=13	30.75 0	P	P	14 48 19.5 -1.2
LOHW	comp=Z,59nm,1.3s	30.80 337	eP	P	14 48 22.5 +0.9
TPAW	comp=Z,67nm,1.3s	30.80 337	eP	P	14 48 20.3 -0.9
E35A	baz=31,SNR=16	30.89 355	P	P	14 48 20.8 -1.2
E30A	baz=31	30.94 349	P	P	14 48 21.7 -0.8
F25A	baz=31	30.95 338	eP	P	14 48 22.4 -0.8
MOOW	comp=Z,7.7nm,1.2s	31.03 354	P	P	14 48 23.1 -0.9
E29A	baz=31	31.12 352	P	P	14 48 23.1 -0.9
E27A	baz=31	31.14 338	eP	P	14 48 24.9 +0.3
IMW	baz=31	31.14 338	eP	P	14 48 24.9 +0.3

E28A	comp=Z,5.8nm,0.6s	31.15 353	P	P	14 48 23.1 -1.2
BMN	baz=31,SNR=18	31.21 327	eP	P	14 48 26.8 +1.8
BMN	comp=Z,1.6nm,0.4s	31.21 327	eP	P	14 48 26.8 +1.8
FLWY	comp=Z,1.6nm,0.4s	31.22 338	eP	P	14 48 25.5 +0.4
E26A	baz=32,SNR=9.4	31.30 350	P	P	14 48 25.7 +0.1
D34A	baz=32,SNR=5.8	31.32 0	P	P	14 48 24.3 -1.5
D35A	baz=32,SNR=14	31.34 2	P	P	14 48 24.5 -1.4
D31A	baz=32,SNR=14	31.36 357	P	P	14 48 24.4 -1.6
D33A	baz=32,SNR=5.7	31.38 359	P	P	14 48 24.6 -1.7
CMB	comp=Z,1.9nm,1.3s	31.43 320	eP	P	14 48 27.0 +0.1
CMB	comp=Z,1.9nm,1.3s	31.43 320	eP	P	14 48 27.0 +0.1
H17A	baz=32	31.45 339	P	P	14 48 27.7 +0.5
D36A	baz=32,SNR=8.6	31.46 3	P	P	14 48 25.4 -1.6
D30A	baz=32,SNR=7.8	31.48 355	P	P	14 48 26.6 -0.6
D37A	baz=32,SNR=40	31.49 4	P	P	14 48 25.8 -1.4
E25A	baz=32,SNR=14	31.49 349	P	P	14 48 27.2 -0.1
D29A	baz=32	31.51 354	P	P	14 48 26.6 -0.8
RLMT	baz=32,SNR=12	31.66 341	P	P	14 48 29.2 +0.2
D28A	baz=32,SNR=14	31.74 353	P	P	14 48 29.3 -0.2
D27A	baz=32,SNR=5.8	31.78 352	P	P	14 48 29.7 -0.1
YMR	comp=Z,1.3nm,0.4s	31.82 338	eP	P	14 48 31.7 +1.2
D26A	baz=32,SNR=14	31.84 351	P	P	14 48 30.4 +0.1
C33A	baz=32	32.00 359	P	P	14 48 30.6 -1.1
C30A	baz=32,SNR=12	32.05 356	P	P	14 48 31.7 -0.5
C36A	baz=32	32.06 3	P	P	14 48 30.9 -1.4
C37A	baz=32	32.07 4	P	P	14 48 30.6 -1.7
C31A	baz=32,SNR=9.4	32.10 357	P	P	14 48 31.8 -0.8
D25A	baz=32	32.10 350	P	P	14 48 32.7 0.0
C38A	baz=32	32.13 5	P	P	14 48 30.5 -2.4
QLMT	baz=32,SNR=28	32.13 338	eP	P	14 48 35.0 +1.9
C28A	baz=32,SNR=8.3	32.24 353	P	P	14 48 33.4 -0.4
HLID	baz=32,SNR=28	32.25 333	P	P	14 48 35.4 +1.3
HLID	comp=Z,2.6nm,1.0s	32.25 346	P	P	14 48 35.2 +1.0
LAO	baz=32,SNR=6.3	32.29 355	P	P	14 48 34.0 -0.1
MDND	comp=Z,2.52nm,1.1s	32.29 355	eP	P	14 48 34.0 -0.2
MDND	comp=Z,2.52nm,1.1s	32.29 355	eP	P	14 48 34.0 -0.2
EYMN	baz=33,SNR=10.0	32.34 5	P	P	14 48 32.4 -2.2
EYMN	comp=Z,2.8nm,0.6s	32.34 5	eP	P	14 48 33.0 -1.7
C27A	baz=33	32.37 352	P	P	14 48 35.1 +0.1
GCMT	comp=Z,2.3nm,1.3s	32.38 341	eP	P	14 48 35.4 +0.2
AGMN	baz=33,SNR=19	32.54 359	P	P	14 48 35.5 -0.9
AGMN	comp=Z,2.8nm,1.1s	32.54 359	eP	P	14 48 34.8 -1.7
C26A	baz=33	32.56 351	P	P	14 48 36.1 -0.6
C25A	baz=33	32.63 350	P	P	14 48 36.9 -0.4
B32A	baz=33,SNR=30	32.65 358	P	P	14 48 36.5 -0.9
MCMT	baz=33	32.65 358	eP	P	14 48 39.5 +1.8
B31A	baz=33	32.72 357	P	P	14 48 37.3 -0.7
B34A	baz=33,SNR=8.9	32.73 1	P	P	14 48 36.8 -1.3
B30A	baz=33,SNR=22	32.79 356	P	P	14 48 38.3 -0.3
B29A	baz=33,SNR=14	32.88 355	P	P	14 48 39.3 -0.1
BOZ	baz=33,SNR=8.0	32.91 339	P	P	14 48 40.6 +0.8
B28A	baz=33,SNR=20	32.96 354	P	P	14 48 40.4 +0.3
DLMT	comp=Z,29nm,1.2s	33.01 337	eP	P	14 48 42.1 +1.3
B27A	baz=33	33.02 353	P	P	14 48 40.8 +0.1
B26A	baz=33	33.12 351	P	P	14 48 41.3 -0.2
B25A	baz=33	33.16 350	P	P	14 48 42.4 +0.5
A30A	baz=33,SNR=14	33.28 356	P	P	14 48 42.4 -0.4
A29A	baz=33,SNR=35	33.33 355	P	P	14 48 42.9 -0.4
LRM	comp=Z,39nm,1.2s	33.35 338	eP	P	14 48 44.6 +0.8
D28A	baz=34,SNR=9.4	33.41 354	P	P	14 48 43.8 -0.2
AGMT	baz=34	33.53 349	P	P	14 48 45.3 +0.1
DGMT	comp=Z,86nm,1.5s	33.53 349	P	P	14 48 45.5 +0.4
A27A	baz=34	33.56 353	P	P	14 48 45.2 -0.1
A26A	baz=34	33.60 352	P	P	14 48 45.5 -0.2
003D	baz=34	33.70 322	P	P	14 48 47.6 +0.9
A25A	baz=34	33.80 351	P	P	14 48 47.7 +0.2
HRY	comp=Z,2.1nm,1.0s	33.90 339	eP	P	14 48 49.2 +0.8
EGMT	baz=35,SNR=25	34.41 343	P	P	14 48 53.6 +0.8
EGMT	comp=Z,120nm,1.5s	34.41 343	eP	P	14 48 53.4 +0.5
ULM	comp=Z,73nm,21.9s,ba	34.50 359	P	LR	15 04 44.9
ULM	comp=Z,73nm,21.9s,ba	34.50 359	P	LR	15 04 44.9
ULM	comp=Z,34nm,1.1s	34.50 359	P	P	14 48 52.3 -1.1
ULM	comp=Z,34nm,1.1s	34.50 359	P	P	14 48 52.3 -1.1
ULM	comp=Z,573nm,21.9s	34.57 338	eP	P	14 48 54.7 +0.3
N02D	comp=Z,21nm,1.1s	34.66 322	P	P	14 48 54.8 -0.3
M04C	baz=35	34.67 324	P	P	14 48 55.2 -0.1
MSO	baz=35,SNR=14	34.75 33			

21d 15h

Table with columns: PVIS, Visu, comp-Z, Az, El, P, Az, El, +0.4, etc. Lists various astronomical objects and their coordinates.

2010 SEP

Table with columns: CLL, comp-Z, 200nm, 21.9s, LmV, Az, El, P, Az, El, +0.4, etc. Lists astronomical objects with specific parameters.

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Table with columns: CD2, comp-Z, 110nm, 5.4s, SS, PPMZ, Az, El, P, Az, El, +0.2, etc. Lists astronomical objects with various parameters.

21d 17h

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MIJAS, BADAJOS, ESTREMOZ, etc.

2010 SEP

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like EL KESIBA, VISEU, MONCORVO, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like YASP, YSIG, IELO, etc.

NSSC 21 17:30:50.4e.1.0.33.78N-35.73E, h0km,2km,MD1.2,ML1.8
GRAL 21 17:30:51.0.0.3.33.79N-35.79E, h0km,35km,MD3.0
CSEM 21 17:30:51.0.0.3.33.79N-35.79E, h0km,ML3.0

0.9nm,0.6s,baz=190,slow=12,SNR=3.9
NVAR Mina Array Bea 88.87 51 P P 18 04 60.0 +0.7
0.8nm,0.7s,baz=236,slow=7.0,SNR=5.0

comp=Z,58nm,19.0s,baz=103,slow=35
WRA Warramunga Arr 32.07 158 P P 18 35 40.4 -2.0
2.1nm,0.6s,baz=337,slow=9.6,SNR=12

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BHL Bhannes, DQRL Deir Qamar, HQW Hawqa, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ISCJB 21 18:13:46.5.1.1, GUMO Guam, H1N1 WAKE ISLAND Hy, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IDC 21 18:29:21.9.999.0, I43RU DUBNA INFRASON, I46RU ZALESOVO INFRASO, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like WEL 21 18:31:31.9.0.1, CRLZ Canterbury Las, McQueen's Vall, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like OXF Oxford, Lake Taylor, Rata Peaks, Waitaha Valley, Kahutara, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IDC 21 18:14:55.4.0.4, MAN 21 18:14:55.10.00N, NEIC 21 18:14:57.3.0.6, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Lake Benmore, Tophouse, Denniston Nort, Otahua Downs, Fox Glacier, Blackbirch Sta, etc.

ISCJB 21 17:52:13.9.0.6, 10.29S:0.07:161.24E:0.08, h100km,
mb4.1/10, Error ellipse: s-maj=12.3km s-min=8.1km
az=144.4

ISCJB 21 18:13:46.5.1.1, 12.94N:0.09:145.2E:0.2, h57km,
mb3.6/5, MS2.7/1, Error ellipse: s-maj=32.6km
s-min=11.3km az=169.2

ISCJB 21 18:31:33.3.0.8, 49.97N:0.03:144.02E:0.08, h10km,
mb3.5/5, Error ellipse: s-maj=8.0km s-min=4.1km
az=165.7

IDC 21 17:52:15.7.1.1, 10.11S:161.18E, h96km,9km, mb3.8/7,
mb1.4/0.9, mb1mx3.7/35, mbmtmp3.4/9, MS3.5/3, Ms1 3.5/3,
ms1mx2.9/35, Error ellipse: s-maj=31.4km s-min=17.5km
az=133.0

IDC 21 18:13:48.3.1.3, 13.03N:0.1x145.1E:0.3, h57km, n9,
az=96.0, mb3.7/5, Mariana Islands
az=96.0

SKHL 21 18:31:33.8.0.3, 49.96N:143.95E, h10km, mb4.3/3,
IDC 21 18:31:40.5.6.3, 49.88N:144.06E, h52km,47km, mb3.6/5,
mb1 3.5/6, mb1mx3.1/44, mbmtmp3.6/6, Error ellipse:
s-maj=64.3km s-min=20.6km az=69.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like HNR Honiara, DZM Mont Dzumac, PMG Port Moresby, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like GUMO Guam, GUIM Jordan, CUYO Cuyo Island, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IDC 21 18:31:35.6.1.1, TYV Tymovskoe, UGL Ulgorskiy, etc.

GTA	comp=Z,130nm,7.6s	PMZ			
GTA	comp=Z,460nm,16.4s	LN			
GTA	comp=Z,320nm,20.4s	LE			
GTA	comp=Z,390nm,14.7s	LZ			
IRK	irkutsk 36.71 320	eP	P	19 33 13.3	+1.5
IRK	comp=Z,66nm,2.3s		pmax		
PCI	Palu 36.73 220	P	P	19 33 11.0	-1.4
UBPT	Khongchiang 36.79 257	P	P	19 33 14.2	+1.3
TYL	Talaya 36.84 319	P	P	19 33 14.1	+1.3
TYL	comp=Z,16nm,0.9s,baz=139,slow=8.4,SNR=8.6				
TYL	Talaya 36.84 319	iP	P	19 33 14.2	+1.3
TYL	comp=Z,37nm,1.0s		pmax		
TYL	comp=Z,707nm,19.0s		MLR		
TYL	Talaya 36.84 319	P	P	19 33 14.5	+1.6
TYL	comp=Z,159nm,1.1s,SNR=5.9				
TYL	Talaya 36.84 319	P	P	19 33 15.0	+2.1
TYL	Talaya SNR=11				
TYL	Talaya 36.84 319	mb		19 33 15.9	
TYL	Talaya SNR=11				
TYL	Talaya 36.84 319	eP	P	19 33 14.6	+1.6
SKNT	Sokolnako 37.31 260	P	P	19 33 17.4	+0.1
MOY	Mondy 38.36 318	eP	P	19 33 27.0	+1.0
MOY	comp=Z,41nm,1.9s		pmax		
KHON	Khonkaen 38.59 260	P	P	19 33 29.2	+1.1
CRAI	Chiangrai 39.18 267	P	P	19 33 31.1	-2.0
SPSI	Sidrap Palu 39.31 218	P	P	19 33 33.8	-0.2
UTTA	Utтарadit 39.97 263	P	P	19 33 39.4	-0.2
PBKT	Sadao Pong 40.09 267	P	P	19 33 40.5	-0.1
CMAL	Chiangmai 40.45 261	P	P	19 33 45.0	+1.2
CHBT	CHBT 40.67 255	P	P	19 33 46.2	+0.8
CHBT	comp=Z,14nm,1.3s				
CHBT	Chiang Mai 40.95 266	P	P	19 33 47.2	-0.6
CHTO	Chiang Mai 40.96 266	P	P	19 33 47.2	-0.6
CHTO	Chiang Mai 40.96 266	eP	pmax	19 33 47.0	-0.8
CHTO	comp=Z,15nm,1.1s				
CHTO	Chiang Mai 40.96 266	P	P	19 33 47.1	-0.8
CHTO	Chiang Mai 40.96 266	eP	P	19 33 47.0	-0.8
KSM	Kuching 41.09 234	P	P	19 33 48.3	-0.5
CM01	Chiang Mai Arr 41.10 265	eP	P	19 33 48.2	-0.8
CMAR	Chiang Mai Arr 41.10 265	P	P	19 33 48.4	-0.5
CMAR	comp=Z,2.4nm,0.8s,baz=60,slow=7.2,SNR=27		LR	19 52 04.1	
CMAR	Chiang Mai Arr 41.10 265	P	P	19 33 48.4	-0.5
CMAR	comp=Z,2.0nm,0.8s		pmax		
CMAR	comp=Z,2.25nm,20.8s		MLR		
BILL	Bilibino 41.68 131	eP	P	19 33 54.4	+1.3
BILL	comp=Z,13nm,1.1s		eS	19 35 29.2	
BILL			pmax	19 40 06.0	-1.9
BILL	comp=Z,13nm,1.1s				
BILL	comp=Z,216nm,17.0s		MLR		
UMPA	Umpang Tak 42.08 262	P	P	19 33 58.4	+1.4
HVS	Khovu-Aksy 42.60 315	iP	P	19 34 03.0	+2.1
HVS	comp=Z,67nm,0.9s		pmax		
SRDT	SRDT 42.67 260	P	P	19 34 02.2	+0.4
WSI	Waingapu 43.92 213	P	P	19 34 10.7	-1.1
LSA	Lhasa 44.57 284	eP	P	19 34 17.2	-0.4
LSA	comp=Z,5.0nm,0.8s				
LSA	Lhasa 44.57 284	eP	P	19 34 17.2	-0.4
LSA	comp=Z,5.4nm,0.8s				
TWSI	Taliwang, Sumb 44.85 217	P	P	19 34 18.4	-0.8
TRTT	Trang 45.43 251	P	P	19 34 25.4	+1.4
KRAB	Krabi 45.63 252	P	P	19 34 26.9	+1.3
MYKOM	Kota Tinggi 45.66 241	eP	P	19 34 25.8	+0.0
WMQ	Urumqi 45.87 304	P	P	19 34 27.8	+0.6
WMQ	comp=Z,12nm,1.0s		pP	19 34 36.6	+1.3
WMQ			pP	19 34 41.0	+2.5
WMQ			SP	19 36 14.4	-0.4
WMQ			PP	19 39 57.8	-0.6
WMQ			PcS	19 41 17.3	+7.5
WMQ			ScS	19 44 20.8	-0.6
WMQ	comp=Z,21nm,1.1s		PMZ		
WMQ	comp=Z,130nm,4.5s		LN		
WMQ	comp=Z,990nm,15.2s		LE		
WMQ	comp=Z,580nm,13.7s		LZ		
IPM	lpho 46.24 246	eP	P	19 34 29.9	-0.4
TAPN	Taplejung 48.07 282	eP	P	19 34 44.4	-0.4
ZAAO	Zalesovo Array 48.42 318	eP	P	19 34 46.6	-0.2
ZALV	Zalesovo Beam 48.42 318	P	P	19 34 46.9	0.0
ZALV	comp=Z,3.3nm,0.4s,baz=88,slow=8.1,SNR=17		PcP	19 36 12.2	-0.7
ZALV	comp=Z,3.7nm,0.7s,baz=96,slow=3.2,SNR=4.1		LR	19 55 57.8	
ZALV	Zalesovo Beam 48.42 318	P	P	19 34 46.9	0.0
ZALV	comp=Z,455nm,18.5s,baz=71,slow=37			19 36 12.2	
ZALV	comp=Z,3.0nm,0.4s		pmax		
ZALV	comp=Z,4.0nm,0.7s		pmax		
ZALV	comp=Z,4.55nm,18.5s		MLR		
ODAN	Odare 48.47 282	eP	P	19 34 47.3	-0.7
CTAO	Charters Tower 48.77 175	eP	pmax	19 34 49.2	-0.7
CTAO	comp=Z,41nm,1.6s				
CTAO	Charters Tower 48.77 175	eP	P	19 34 49.2	-0.7
PSI	Prapat 48.91 246	eP	pmax	19 34 51.1	-0.2
PSI	comp=Z,12nm,0.7s				
PSI	Prapat 48.91 246	eP	P	19 34 51.0	-0.2
RAMN	Ramite 49.13 282	eP	P	19 34 52.3	-0.7
WRAB	Tennant Creek 49.14 190	iP	P	19 34 51.6	-1.1
WRAB	comp=Z,130nm,1.2s		pmax		
WRAB	Tennant Creek 49.14 190	P	P	19 34 51.5	-1.1
WRAB	comp=Z,244nm,1.0s,SNR=25				
WRAB	Tennant Creek 49.14 190	eP	P	19 34 51.3	-1.4
WRA	Warrungarra Arr 49.15 190	P	P	19 34 51.4	-1.4
WRA	comp=Z,22nm,0.7s,baz=13,slow=8.6,SNR=72				
WRA	Warrungarra Arr 49.15 190	P	pmax	19 34 51.4	-1.4
NVS	Novosibirsk 49.45 319	iP	P	19 34 53.2	-1.5
NVS		eS		19 36 56.8	
NVS			pmax	19 41 59.2	-1.0

NVS	comp=Z,80nm,2.3s		pmax		
NVS	comp=N,23nm,2.5s		pmax		
NVS	comp=E,66nm,2.5s		pmax		
NVS	comp=Z,27nm,2.5s		pmax		
NVS	comp=N,24nm,3.3s		pmax		
NVS	comp=E,18nm,2.2s		smax		
NVS	comp=N,68nm,3.7s		smax		
GUN	Gumba 49.49 283	eP	P	19 34 56.0	+0.1
MK01	Makanchi Array 49.66 308	eP	P	19 34 56.4	0.0
MKAR	Makanchi Array 49.66 308	P	P	19 34 56.5	0.0
MKAR	comp=E,8.4nm,0.7s,baz=91,slow=9.4,SNR=40		PcP	19 36 18.1	+0.5
MKAR	comp=E,2.7nm,0.8s,baz=104,slow=3.6,SNR=28		LR	19 56 47.5	
MKAR	comp=E,353nm,20.1s,baz=87,slow=37				
MKAR	Makanchi Array 49.66 308	P	P	19 34 56.5	0.0
MKAR	comp=Z,8.0nm,0.7s		pmax		
MKAR	comp=Z,3.0nm,0.8s		MLR		
MKAR	comp=Z,353nm,20.1s				
MKAR	Makanchi Array 49.66 308	P	P	19 34 56.9	+0.4
MKAR	comp=Z,353nm,20.1s		PcP	19 36 18.1	+0.5
PKI	Pulchoki 49.96 283	eP	P	19 34 59.0	-0.6
PKIN	Phulchoki 49.99 283	eP	P	19 34 59.1	-0.5
KKN	Kakani 50.03 283	eP	P	19 34 59.3	-0.5
DMN	Daman 50.23 283	eP	P	19 35 00.9	-0.5
GKN	Gorkha 50.52 284	eP	P	19 35 02.9	-0.6
DANN	Dangsing 51.18 285	eP	P	19 35 08.5	-0.1
KOLD	Koldanda 51.47 284	eP	P	19 35 10.5	-0.2
SVW2	Sparvevohn 51.63 33	eP	P	19 35 11.2	+0.1
SVW2	Tatalina 51.77 31	eP	P	19 35 24.6	
TTA	TTA 51.77 31	eP	P	19 35 12.1	-0.1
TTA	Tatalina 51.77 31	eP	P	19 35 12.1	-0.1
TTA	TTA 51.77 31	eP	P	19 35 24.2	
KURK	Kurchatov 52.03 314	eP	pmax	19 35 14.4	+0.1
KURK	comp=Z,152nm,1.1s				
KURK	Kurchatov 52.03 314	P	P	19 35 14.8	+0.5
KURK	comp=Z,35nm,1.2s,SNR=24				
KURK	Kurchatov 52.03 314	eP	P	19 35 14.6	+0.4
KURK	Kurchatov 52.03 314	eP	P	19 34 14.4	+0.1
KDAK	Kodiak Island 52.76 38	P	P	19 35 18.8	-0.7
KDAK	comp=Z,34nm,1.1s,baz=300,slow=5.4,SNR=5.6				
KDAK	Kodiak Island 52.76 38	P	pmax	19 35 18.8	-0.7
AS01	Alice Springs 52.86 190	eP	P	19 35 18.8	-1.8
ASAR	Alice Springs 52.87 190	eP	P	19 35 19.3	-1.4
ASAR	comp=Z,1.6nm,0.4s,baz=11,slow=8.0,SNR=34		LR	19 55 56.5	
ASAR	comp=Z,258nm,21.6s,baz=357,slow=34				
ASAR	Alice Springs 52.87 190	P	pmax	19 35 19.3	-1.4
ASAR	comp=Z,2.0nm,0.4s		MLR		
ASAR	comp=Z,258nm,21.6s				
SPU	Mount Spurr 53.34 33	eP	P	19 35 36.6	+1.3
CHLP	Challanipeta 54.13 273	eP	P	19 35 30.8	+0.7
BPWA	Bear Paw Mtn. 54.18 30	eP	P	19 35 30.3	+0.4
BPWA	comp=Z,36nm,1.5s				
MBWA	Marble Bar 54.38 206	eP	P	19 35 42.5	
MLY	Manly 54.41 29	eP	P	19 35 30.9	-0.9
TRF	Thorofare Moun 54.41 31	eP	P	19 35 32.6	+1.0
TRF	comp=Z,20nm,1.0s				
RC01	Rabbit Creek A 54.45 34	eP	P	19 35 43.6	
RC01	SEW 54.45 35	eP	P	19 35 30.7	-1.2
SEW	comp=Z,41nm,1.1s			19 35 43.0	
SEW	SEW 54.45 35	eP	P	19 35 32.0	-0.5
SEW	comp=Z,41nm,1.1s				
TKM2	Tokmak 2 54.72 304	eP	P	19 35 44.2	
TKM2	comp=Z,18nm,1.3s		pmax	19 35 34.5	+0.1
TKM2	Tokmak 2 54.72 304	eP	P	19 35 34.5	+0.1
TKM2	comp=Z,18nm,1.3s				
PMR	Palmer 54.78 33	eP	P	19 35 33.5	-0.7
PMR	Palmer 54.78 33	eP	P	19 35 45.5	
PMR	Palmer 54.78 33	eP	P	19 35 33.5	-0.7
PMR	Browne 54.85 30	eP	P	19 35 45.5	
PMR	comp=Z,65nm,1.0s			19 35 37.4	+2.7
COLD	Coldfoot 54.95 26	eP	P	19 35 36.0	+0.6
COLD	comp=Z,25nm,1.4s				
COLD	Kashi 55.01 300	eP	P	19 35 47.9	
KSH	KSH 55.01 300	eP	pP	19 35 39.9	+3.2
KSH	KSH 55.01 300	eP	SP	19 35 47.9	+3.2
KSH	KSH 55.01 300	eP	SP	19 35 53.6	+5.8
KSH	KSH 55.01 300	eP	ScS	19 43 18.8	+1.7
KSH	KSH 55.01 300	eP	PMZ	19 45 19.5	-4.6
KSH	comp=Z,8.0nm,0.8s				
KSH	comp=Z,150nm,4.9s		LN		
KSH	comp=Z,390nm,16.1s		LZ		
MCK	McKinley 55.04 30	eP	P	19 35 35.2	-1.0
MCK	McKinley 55.04 30	eP	pmax	19 35 48.1	
MCK	McKinley 55.04 30	eP	P	19 35 35.2	-1.0
MCK	comp=Z,31nm,1.1s				
MCK	McKinley 55.04 30	eP	P	19 35 35.2	-1.0
MCK	comp=Z,31nm,1.1s				
MCK	Reindeer 55.05 31	eP	P	19 35 48.1	
RND	Reindeer 55.05 31	eP	pmax	19 35 48.0	-0.3
RND	Reindeer 55.05 31	eP	P	19 35 36.0	-0.3
RND	Reindeer 55.05 31	eP	P	19 35 48.9	
SML	Sawmill 55.17 33	eP	P	19 35 36.9	-0.3
SML	comp=Z,31nm,0.9s			19 35 48.9	
SML	Sawmill 55.17 33	eP	P	19 35 36.9	-0.3
SML	comp=Z,31nm,0.9s				
FRU	Bishkek 55.45 304	eP	P	19 35 40.9	
WRH	Wood River Hill 55.48 29	eP	P	19 35 40.0	+0.5
WRH	comp=Z,30nm,1.8s			19 35 39.4	+0.2
AAK	Ala-Archa 55.57 304	iP	pmax	19 35 41.1	+0.6
AAK	comp=Z,18nm,0.9s				
AAK	Ala-Archa 55.57 304	P	P	19 35 40.9	+0.4
AAK	SNR=7.1				
AAK	Ala-Archa 55.57 304	eP	P	19 35 40.7	+0.2
AAK	comp=Z,8.0nm,1.0s				
DZM	Mont Dzumac 55.60 153	eLR	LR	19 51 55.2	
CCB	Clear Creek Bu 55.61 29	iP	P	19 35 41.2	+1.0
COLA	College 55.61 29	iP	pmax	19 35 41.3	+1.1
COLA	comp=Z,6.1nm,1.0s				
COLA	College 55.61 29	iP	pmax		

21d 20h

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

1016

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

1016

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like KHC, Kasperse Hory, PKSM, ROTZ, etc.

NIED 21 20:31:00, 35:90N, 140:50E, h47km, Mw4.4. Best double couple: M5.19000x1015, V11.9x170.00000, 346.00000, 1-02.00000, N12.2x313.00000, 350.00000, 1-116.00000.

IDC 21 20:31:48.2, 0.5, 35:76N, 140:49E, h0km, mb4.2/2.3, mb1.4/2.6, mb1mx4.4/3.4, mbtmp4.3/2.6, ML3.4/2, MS3.5/1.3, Ms1.3.5/1.3, ms1mx3.4/3.2, Error ellipse: s-maj=14.3km s-min=12.2km az=83.0.

BUI 21 20:31:49.7, 35:60N, 140:57E, h31km, mb4.6/4.3, Mb4.9/3.3, Ms4.4/2.4, Ms7.4/0.22.

MOS 21 20:31:51.1, 1.2, 35:81N, 140:51E, h28km, mb4.7/3.6, Error ellipse: s-maj=9.4km s-min=6.0km az=117.6.

ISCJB 21 20:31:52.0, 0.5, 35:80N, 140:50E, h107.43E, h33km, 3km, mb4.5/6.6, MS3.5/1.2, Error ellipse: s-maj=4.3km s-min=4.1km az=151.1.

NEIC 21 20:31:52.6, 1.5, 35:73N, 140:39E, h27km, 10km, mb4.8/3.5, Mw4.4(NIED), Error ellipse: s-maj=5.3km s-min=4.6km az=144.0.

NEIC Felt [I]I] at Tokyo and [I]I] at Narita. Also felt at Akiruno, Inzai and Tsukuba. Recorded [3 JMA] in Chiba and Ibaraki; [2 JMA] in Tochigi; [1 JMA] in Gumma, Saitama and Tokyo.

JMA 21 20:31:52.9, 35:88N, 140:48E, h35km, 1km, M4.5. JMA Felt [I]I].

ISC 21 20:31:53.2, 0.4, 35:80N, 140:51E, h107.43E, h33km, 1km, h33km, P-P, n225, r1544, 257, mb4.6/6.6, MS3.5/1.2, 17C-12D, Near coast of eastern Honshu.

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like MJAR, Matsushiro Arr, MAJO, Matsushiro, etc.

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

21d 21h

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like BRVK Borovoye, EKS2 Erkin-Say, EYAK Cordova Ski Ar, etc.

2010 SEP

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like AK02 Malin Array Si, NB2 NORARS Array B, NOA NORARS Array B, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like EREN Erenkoy, GAZI Gazipasa, KARA Karaisali, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Quartz Range, Earnscleugh, Tuapeka, Cannon Point, Milford Sound, Mavora Lakes, Scrubby Hill, Deep Cove.

NIED 21 21:22:00.28:10N:129.50E, h8km, Mw3.5 Best double couple: M2.27000+1014 NP1.3207.00000+3.36.00000+1.12.00000- NP2.0.107.00000+3.83.00000+1.125.00000-

JMA 21 21:22:55.0:0.2:28.11N:129.48E, h18km, Mw3.5, Ryukyu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Amaminishikomi, Amami Oshima, Kikaishima, Tokunoshima, Takarajima, Okineraubujima, Kunigami, Iheya, Nakanoshima, Nagatoyohara, Yakushimahirau, Kuchinoerabu, Tamagusuku 2, Aguni-jima, Kume jima 2.

CASC 21 21:28:57.6:1.8, 10.688N:84.95W, h145km, Mw3.7, 3C-1D, Costa Rica

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Parque Tenorio, Alto Masis, Hornillas, Chiripa, Mesas, Colonia, Limonal, Laguna Cede-o, Fortuna, JuntasAbangare, Hotel Rinc'on, Guardaparques, Borinquen Arri, Buena Vista, Finca la Perla, Finca Las Im'i, Palo Verde, Las Liliadas, Universidad de, Arado, Cerro Gallo 2, Jicaral, Cobano, Buena Vista, Cotoan.

SJA 21 21:29:52.5:0.6, 24.04S:66.89W, h215km, Mw3.0, IDC 21 21:29:54.0:1.2, 23.97S:66.78W, h181km, Mw3.7/5, mb1 3.7/9, mb1mx3.5/24, mbtmp4.3/9, Error ellipse: s-maj=21.9km s-min=12.8km az=106.0

ISC 21 21:29:53.6:0.7, 24.06S:016.6697W, h181km, n20, s=193/24, mb4.0/5, Salta Province

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like San Lorenzo, Humahuaca, Zapla, Cafayete, Santa Barbara, Limon Verde, Yavi, Horco Molle, Coronel Fontan, Lapaz, San Ignacio, Brasilia, Pitinga, Ushuaia, Sanae, Torodi Arr, Mawson, Alice Springs, Warramunga Arr, Makanchi Array.

JMA 21 22:23:42.6, 32.666N:131.00E, h5km, Mw4.4, Kyushu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Izumi 2, Tsuno.

IDC 21 22:33:39.8:1.2, 19.61N:121.40E, h0km, mb3.5/5, mb1 3.6/6, mb1mx3.5/38, mbtmp3.5/6, ML3.4/1, MS3.1/6, Ms1 3.2/6, ms1mx3.0/18, Error ellipse: s-maj=71.0km s-min=21.5km az=70.0

ISC 21 22:33:41.2:1.0, 19.61N:0.07:121.3E, 0.2, h10km, n18, s=1955/8, mb3.4/5, MS3.2/5, 1D, Philippine Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Pasuquin, Callao Caves, Korea Array, Chiang Mai Arr, Sengino Array, Warramunga Arr, Makanchi Array, WAKE ISLAND Hy 42.83, WAKE ISLAND Hy 42.84, WAKE ISLAND Hy 42.82, WAKE ISLAND Hy 42.86, Petropavlovsk, Zalesovo Beam, Honiara, NORSAR Array B.

ISCJB 21 22:34:47.7:0.5, 42.02N:0.03:20.69E, 0.04, h4km, Mw3.7, Error ellipse: s-maj=4.6km s-min=4.5km az=22.5

CSEM 21 22:34:47.9:0.2, 42.02N:20.69E, h5km, ML2.8, Error ellipse: s-maj=5.1km s-min=1.1km az=66.0

SKO 21 22:34:47.3, 42.02N:20.64E, h15km, M1.1, ML1.6

BEQ 21 22:34:47.6:0.9, 41.92N:20.70E, h12km, Mw3.1, ML 1/4

ISC 21 22:34:48.1:0.9, 42.01N:0.02:20.66E, 0.03, h15km, Mw3.7, n20, s=197/35, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Peshkopia, Peshkopia, Bajram Curri, Bajram Curri, Puka, Puka, Skopje, Skopje, Ohrid, Ohrid, Podgorica, Podgorica, Barje, Barje, BARS Barje, Selsa Selova, Sjelica, Ivanjica, Ivanjica, Gruzu, Gruzu.

JMA 21 22:40:01.0:0.1, 37.366N:138.63E, h27km, Mw2.0, Near west coast of eastern Honshu

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Izumozaki, Hiroka, Nakama, Sasagawa, Sado, Katashina, JFY, Matsushiro, Matsushiro.

IDC 21 22:58:54.2:1.7, 5.26S:148.56E, h0km, mb3.6/4, mb1 3.9/5, mb1mx3.6/23, mbtmp3.7/5, ML 1.3/1, Error ellipse: s-maj=74.3km s-min=23.9km az=120.0, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Port Moresby, Warramunga Arr, Alice Springs, Fitzroy Springs, Elanor Array.

ISK 21 23:05:11.7, 39.93N:39.83E, h21km, Mw3.1

CSEM 21 23:05:11.4:0.3, 39.89N:39.85E, h10km, Mw2.8, Error ellipse: s-maj=6.4km s-min=4.4km az=132.0

ISCJB 21 23:05:12.1:0.6, 39.93N:0.03:39.82E, 0.05, h4km, Mw3.7, Error ellipse: s-maj=6.4km s-min=4.4km az=30.2

DDA 21 23:05:12.3, 39.91N:39.82E, h7km, Mw2.8

ISC 21 23:05:11.6:0.9, 39.91N:0.03:39.84E, 0.03, h14km, Mw3.7, Error ellipse: s-maj=6.4km s-min=4.4km az=30.2

n20, s=1955/35, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Uzumlu, Uzumlu, Erzincan, Erzincan, Kelkit, Kelkit, Kop Dagi, Kop Dagi, Ayd-ntepe-Bay, Ayd-ntepe-Bay, Gumushane, Gumushane, Trabzon, Trabzon, Pertek, Pertek, Kemaliye, Kemaliye, Susehri, Susehri.

MEX 21 23:07:05.1:1.3, 15.18N:93.18W, h96km, Mw1.6, MD4.2, Near coast of Chiapas

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

DDA 21 23:21:04.7, 39.47N:27.90E, h7km, Mw2.7, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Demirci, Demirci, Manisa, Manisa, Uludag, Uludag.

MAN 21 23:24:19.19:47N:121.95E, h1km, Mw4.9, ML3.8, MS3.8

ISCJB 21 23:24:21.1:0.8, 19.51N:0.05:121.92E, 0.10, h10km, mb3.5/7, MS3.2/9, Error ellipse: s-maj=13.6km s-min=6.7km az=2.8

IDC 21 23:24:22.5:1.3, 19.83N:122.16E, h0km, mb3.6/7, mb1 3.7/7, mb1mx3.5/49, mbtmp3.6/7, MS3.3/11, Ms1 3.3/11, ms1mx3.1/29, Error ellipse: s-maj=52.2km s-min=20.4km az=64.0

ISC 21 23:24:21.9:1.1, 19.40N:0.06:121.91E, 0.09, h10km, n27, s=1934/14, mb3.5/7, MS3.2/9, 1C-1D, Philippine Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Palanan, Palanan, Baler, Baler, Davao City (W), Davao City (W), Koroa Array, Koroa Array, Chiang Mai Arr, Chiang Mai Arr, Guam, Guam, Kapi, Kapi, Songoing Array, Songoing Array, Warramunga Arr, Warramunga Arr, WAKE ISLAND Hy 42.28, WAKE ISLAND Hy 42.29, WAKE ISLAND Hy 42.30, WAKE ISLAND Hy 42.31, WAKE ISLAND Hy 42.32, WAKE ISLAND Hy 42.33, WAKE ISLAND Hy 42.34, WAKE ISLAND Hy 42.35, WAKE ISLAND Hy 42.36, WAKE ISLAND Hy 42.37, WAKE ISLAND Hy 42.38, WAKE ISLAND Hy 42.39, WAKE ISLAND Hy 42.40, WAKE ISLAND Hy 42.41, WAKE ISLAND Hy 42.42, WAKE ISLAND Hy 42.43, WAKE ISLAND Hy 42.44, WAKE ISLAND Hy 42.45, WAKE ISLAND Hy 42.46, WAKE ISLAND Hy 42.47, WAKE ISLAND Hy 42.48, WAKE ISLAND Hy 42.49, WAKE ISLAND Hy 42.50, WAKE ISLAND Hy 42.51, WAKE ISLAND Hy 42.52, WAKE ISLAND Hy 42.53, WAKE ISLAND Hy 42.54, WAKE ISLAND Hy 42.55, WAKE ISLAND Hy 42.56, WAKE ISLAND Hy 42.57, WAKE ISLAND Hy 42.58, WAKE ISLAND Hy 42.59, WAKE ISLAND Hy 42.60, WAKE ISLAND Hy 42.61, WAKE ISLAND Hy 42.62, WAKE ISLAND Hy 42.63, WAKE ISLAND Hy 42.64, WAKE ISLAND Hy 42.65, WAKE ISLAND Hy 42.66, WAKE ISLAND Hy 42.67, WAKE ISLAND Hy 42.68, WAKE ISLAND Hy 42.69, WAKE ISLAND Hy 42.70, WAKE ISLAND Hy 42.71, WAKE ISLAND Hy 42.72, WAKE ISLAND Hy 42.73, WAKE ISLAND Hy 42.74, WAKE ISLAND Hy 42.75, WAKE ISLAND Hy 42.76, WAKE ISLAND Hy 42.77, WAKE ISLAND Hy 42.78, WAKE ISLAND Hy 42.79, WAKE ISLAND Hy 42.80, WAKE ISLAND Hy 42.81, WAKE ISLAND Hy 42.82, WAKE ISLAND Hy 42.83, WAKE ISLAND Hy 42.84, WAKE ISLAND Hy 42.85, WAKE ISLAND Hy 42.86, WAKE ISLAND Hy 42.87, WAKE ISLAND Hy 42.88, WAKE ISLAND Hy 42.89, WAKE ISLAND Hy 42.90, WAKE ISLAND Hy 42.91, WAKE ISLAND Hy 42.92, WAKE ISLAND Hy 42.93, WAKE ISLAND Hy 42.94, WAKE ISLAND Hy 42.95, WAKE ISLAND Hy 42.96, WAKE ISLAND Hy 42.97, WAKE ISLAND Hy 42.98, WAKE ISLAND Hy 42.99, WAKE ISLAND Hy 43.00, WAKE ISLAND Hy 43.01, WAKE ISLAND Hy 43.02, WAKE ISLAND Hy 43.03, WAKE ISLAND Hy 43.04, WAKE ISLAND Hy 43.05, WAKE ISLAND Hy 43.06, WAKE ISLAND Hy 43.07, WAKE ISLAND Hy 43.08, WAKE ISLAND Hy 43.09, WAKE ISLAND Hy 43.10, WAKE ISLAND Hy 43.11, WAKE ISLAND Hy 43.12, WAKE ISLAND Hy 43.13, WAKE ISLAND Hy 43.14, WAKE ISLAND Hy 43.15, WAKE ISLAND Hy 43.16, WAKE ISLAND Hy 43.17, WAKE ISLAND Hy 43.18, WAKE ISLAND Hy 43.19, WAKE ISLAND Hy 43.20, WAKE ISLAND Hy 43.21, WAKE ISLAND Hy 43.22, WAKE ISLAND Hy 43.23, WAKE ISLAND Hy 43.24, WAKE ISLAND Hy 43.25, WAKE ISLAND Hy 43.26, WAKE ISLAND Hy 43.27, WAKE ISLAND Hy 43.28, WAKE ISLAND Hy 43.29, WAKE ISLAND Hy 43.30, WAKE ISLAND Hy 43.31, WAKE ISLAND Hy 43.32, WAKE ISLAND Hy 43.33, WAKE ISLAND Hy 43.34, WAKE ISLAND Hy 43.35, WAKE ISLAND Hy 43.36, WAKE ISLAND Hy 43.37, WAKE ISLAND Hy 43.38, WAKE ISLAND Hy 43.39, WAKE ISLAND Hy 43.40, WAKE ISLAND Hy 43.41, WAKE ISLAND Hy 43.42, WAKE ISLAND Hy 43.43, WAKE ISLAND Hy 43.44, WAKE ISLAND Hy 43.45, WAKE ISLAND Hy 43.46, WAKE ISLAND Hy 43.47, WAKE ISLAND Hy 43.48, WAKE ISLAND Hy 43.49, WAKE ISLAND Hy 43.50, WAKE ISLAND Hy 43.51, WAKE ISLAND Hy 43.52, WAKE ISLAND Hy 43.53, WAKE ISLAND Hy 43.54, WAKE ISLAND Hy 43.55, WAKE ISLAND Hy 43.56, WAKE ISLAND Hy 43.57, WAKE ISLAND Hy 43.58, WAKE ISLAND Hy 43.59, WAKE ISLAND Hy 43.60, WAKE ISLAND Hy 43.61, WAKE ISLAND Hy 43.62, WAKE ISLAND Hy 43.63, WAKE ISLAND Hy 43.64, WAKE ISLAND Hy 43.65, WAKE ISLAND Hy 43.66, WAKE ISLAND Hy 43.67, WAKE ISLAND Hy 43.68, WAKE ISLAND Hy 43.69, WAKE ISLAND Hy 43.70, WAKE ISLAND Hy 43.71, WAKE ISLAND Hy 43.72, WAKE ISLAND Hy 43.73, WAKE ISLAND Hy 43.74, WAKE ISLAND Hy 43.75, WAKE ISLAND Hy 43.76, WAKE ISLAND Hy 43.77, WAKE ISLAND Hy 43.78, WAKE ISLAND Hy 43.79, WAKE ISLAND Hy 43.80, WAKE ISLAND Hy 43.81, WAKE ISLAND Hy 43.82, WAKE ISLAND Hy 43.83, WAKE ISLAND Hy 43.84, WAKE ISLAND Hy 43.85, WAKE ISLAND Hy 43.86, WAKE ISLAND Hy 43.87, WAKE ISLAND Hy 43.88, WAKE ISLAND Hy 43.89, WAKE ISLAND Hy 43.90, WAKE ISLAND Hy 43.91, WAKE ISLAND Hy 43.92, WAKE ISLAND Hy 43.93, WAKE ISLAND Hy 43.94, WAKE ISLAND Hy 43.95, WAKE ISLAND Hy 43.96, WAKE ISLAND Hy 43.97, WAKE ISLAND Hy 43.98, WAKE ISLAND Hy 43.99, WAKE ISLAND Hy 44.00, WAKE ISLAND Hy 44.01, WAKE ISLAND Hy 44.02, WAKE ISLAND Hy 44.03, WAKE ISLAND Hy 44.04, WAKE ISLAND Hy 44.05, WAKE ISLAND Hy 44.06, WAKE ISLAND Hy 44.07, WAKE ISLAND Hy 44.08, WAKE ISLAND Hy 44.09, WAKE ISLAND Hy 44.10, WAKE ISLAND Hy 44.11, WAKE ISLAND Hy 44.12, WAKE ISLAND Hy 44.13, WAKE ISLAND Hy 44.14, WAKE ISLAND Hy 44.15, WAKE ISLAND Hy 44.16, WAKE ISLAND Hy 44.17, WAKE ISLAND Hy 44.18, WAKE ISLAND Hy 44.19, WAKE ISLAND Hy 44.20, WAKE ISLAND Hy 44.21, WAKE ISLAND Hy 44.22, WAKE ISLAND Hy 44.23, WAKE ISLAND Hy 44.24, WAKE ISLAND Hy 44.25, WAKE ISLAND Hy 44.26, WAKE ISLAND Hy 44.27, WAKE ISLAND Hy 44.28, WAKE ISLAND Hy 44.29, WAKE ISLAND Hy 44.30, WAKE ISLAND Hy 44.31, WAKE ISLAND Hy 44.32, WAKE ISLAND Hy 44.33, WAKE ISLAND Hy 44.34, WAKE ISLAND Hy 44.35, WAKE ISLAND Hy 44.36, WAKE ISLAND Hy 44.37, WAKE ISLAND Hy 44.38, WAKE ISLAND Hy 44.39, WAKE ISLAND Hy 44.40, WAKE ISLAND Hy 44.41, WAKE ISLAND Hy 44.42, WAKE ISLAND Hy 44.43, WAKE ISLAND Hy 44.44, WAKE ISLAND Hy 44.45, WAKE ISLAND Hy 44.46, WAKE ISLAND Hy 44.47, WAKE ISLAND Hy 44.48, WAKE ISLAND Hy 44.49, WAKE ISLAND Hy 44.50, WAKE ISLAND Hy 44.51, WAKE ISLAND Hy 44.52, WAKE ISLAND Hy 44.53, WAKE ISLAND Hy 44.54, WAKE ISLAND Hy 44.55, WAKE ISLAND Hy 44.56, WAKE ISLAND Hy 44.57, WAKE ISLAND Hy 44.58, WAKE ISLAND Hy 44.59, WAKE ISLAND Hy 44.60, WAKE ISLAND Hy 44.61, WAKE ISLAND Hy 44.62, WAKE ISLAND Hy 44.63, WAKE ISLAND Hy 44.64, WAKE ISLAND Hy 44.65, WAKE ISLAND Hy 44.66, WAKE ISLAND Hy 44.67, WAKE ISLAND Hy 44.68, WAKE ISLAND Hy 44.69, WAKE ISLAND Hy 44.70, WAKE ISLAND Hy 44.71, WAKE ISLAND Hy 44.72, WAKE ISLAND Hy 44.73, WAKE ISLAND Hy 44.74, WAKE ISLAND Hy 44.75, WAKE ISLAND Hy 44.76, WAKE ISLAND Hy 44.77, WAKE ISLAND Hy 44.78, WAKE ISLAND Hy 44.79, WAKE ISLAND Hy 44.80, WAKE ISLAND Hy 44.81, WAKE ISLAND Hy 44.82, WAKE ISLAND Hy 44.83, WAKE ISLAND Hy 44.84, WAKE ISLAND Hy 44.85, WAKE ISLAND Hy 44.86, WAKE ISLAND Hy 44.87, WAKE ISLAND Hy 44.88, WAKE 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46.70, WAKE ISLAND Hy 46.71, WAKE ISLAND Hy 46.72, WAKE ISLAND Hy 46.73, WAKE ISLAND Hy 46.74, WAKE ISLAND Hy 46.75, WAKE ISLAND Hy 46.76, WAKE ISLAND Hy 46.77, WAKE ISLAND Hy 46.78, WAKE ISLAND Hy 46.79, WAKE ISLAND Hy 46.80, WAKE ISLAND Hy 46.81, WAKE ISLAND Hy 46.82, WAKE ISLAND Hy 46.83, WAKE ISLAND Hy 46.84, WAKE ISLAND Hy 46.85, WAKE ISLAND Hy 46.86, WAKE ISLAND Hy 46.87, WAKE ISLAND Hy 46.88, WAKE ISLAND Hy 46.89, WAKE ISLAND Hy 46.90, WAKE ISLAND Hy 46.91, WAKE ISLAND Hy 46.92, WAKE ISLAND Hy 46.93, WAKE ISLAND Hy 46.94, WAKE ISLAND Hy 46.95, WAKE ISLAND Hy 46.96, WAKE ISLAND Hy 46.97, WAKE ISLAND Hy 46.98, WAKE ISLAND Hy 46.99, WAKE ISLAND Hy 47.00, WAKE ISLAND Hy 47.01, WAKE ISLAND Hy 47.02, WAKE ISLAND Hy 47.03, WAKE ISLAND Hy 47.04, WAKE ISLAND Hy 47.05, WAKE ISLAND Hy 47.06, WAKE ISLAND Hy 47.07, WAKE ISLAND Hy 47.08, WAKE ISLAND Hy 47.09, WAKE ISLAND Hy 47.10, WAKE ISLAND Hy 47.11, WAKE ISLAND Hy 47.12, WAKE ISLAND Hy 47.13, WAKE ISLAND Hy 47.14, WAKE ISLAND Hy 47.15, 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WAKE ISLAND Hy 48.52, WAKE ISLAND Hy 48.53, WAKE ISLAND Hy 48.54, WAKE ISLAND Hy 48.55, WAKE ISLAND Hy 48.56, WAKE ISLAND Hy 48.57, WAKE ISLAND Hy 48.58, WAKE ISLAND Hy 48.59, WAKE ISLAND Hy 48.60, WAKE ISLAND Hy 48.61, WAKE ISLAND Hy 48.62, WAKE ISLAND Hy 48.63, WAKE ISLAND Hy 48.64, WAKE ISLAND Hy 48.65, WAKE ISLAND Hy 48.66, WAKE ISLAND Hy 48.67, WAKE ISLAND Hy 48.68, WAKE ISLAND Hy 48.69, WAKE ISLAND Hy 48.70, WAKE ISLAND Hy 48.71, WAKE ISLAND Hy 48.72, WAKE ISLAND Hy 48.73, WAKE ISLAND Hy 48.74, WAKE ISLAND Hy 48.75, WAKE ISLAND Hy 48.76, WAKE ISLAND Hy 48.77, WAKE ISLAND Hy 48.78, WAKE ISLAND Hy 48.79, WAKE ISLAND Hy 48.80, WAKE ISLAND Hy 48.81, WAKE ISLAND Hy 48.82, WAKE ISLAND Hy 48.83, WAKE ISLAND Hy 48.84, WAKE ISLAND Hy 48.85, WAKE ISLAND Hy 48.86, WAKE ISLAND Hy 48.8

22d 1h

Table with columns for station ID, name, frequency, and signal strength. Includes stations like AB31 Akbulak array, ARU Arti, and YAK Yakutsk.

2010 SEP

Table with columns for station ID, name, frequency, and signal strength. Includes stations like YAK, KASAR, and ARU.

1022

Table with columns for station ID, name, frequency, and signal strength. Includes stations like CLL, SOKA, and KBA.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SCHQ Schefferville, ASAR Alice Springs, ASO1 Alice Springs, etc.

ISC 22 01:04:34.31.4.52:62N.169:77W, h0km, mb3.8/5, mb1 4.0/6, mb1mx3.6/46, mbtmp3.6/6, MSJ.5/1, MS3.0/2, Ms1 3.1/2, ms1mx2.6/32, Error ellipse: s-maj=46.6km s-min=30.1km az=144.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NVAR Mina Array Bea, SNAW Sanae, SAML Samuel, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ILAR Desse Lake, PETK Petrovlovsk, H02N1 VAN INLET T-PH, etc.

ISC 22 01:10:35.7.1.6.35:61N.34:43W, h0km, mb3.7/7, mb1 3.9/7, mb1mx3.6/35, mbtmp3.7/7, MS3.6/7, Ms1 3.6/7, ms1mx3.1/30, Error ellipse: s-maj=37.6km s-min=29.5km az=4.0

ISC 22 01:10:36.3.1.2.35:60N.02:34:5W.0.2, h17km, mb3.6/7, MS3.5/7, Error ellipse: s-maj=29.0km s-min=22.0km az=0.2

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ESCD Sonseca Array, EKA Eskdalemuir Ar, SCHQ Schefferville, etc.

ISC 22 01:27:06.2.359.0.63:23N.148:11W, h0km, Error ellipse: s-maj=144.8km s-min=39.1km az=6.0, Central Alaska

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like I53US FAIRBANKS INFR, I56US NEWPORT INFRASTR267, I18DK QAANAQ INFRASTR22, etc.

ISC 22 02:48:20.8.2.5.19:03Sx176:90W, h0km, mb4.1/4, mb1 4.4/4, mb1mx3.8/35, mbtmp4.1/4, MS3.2/1, Ms1 3.2/1, ms1mx2.5/22, Error ellipse: s-maj=62.3km s-min=40.5km az=38.0, Fiji Islands region

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

ISC 22 02:54:49.2.1.1.38:44N.0:05:43E.0:07, h6km, Error ellipse: s-maj=7.8km s-min=7.1km az=163.8

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TVAN Van, NVAN Van, VANS Van, etc.

ISC 22 02:54:54.7.3.38:45N.0:05:43E.0:06, h6km, n16, az=29.24, Turkey

AUST 22 02:57:38.0.7.49Sx128:54E, h100km, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SOEI Soe, FAKI Fak Fak, MTN Manton Dam, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like HFS Hagfors, ESCD Sonseca Array, DAVOX Davos Schmat, etc.

ISC 22 03:25:42.3.37:02N.28:30E, h2km, MD2.5, Error ellipse: s-maj=16.5km s-min=4.6km az=136.8

ISC 22 03:25:43.3.1.37:02N.28:46E, h2km, MD2.6, Error ellipse: s-maj=14.6km s-min=6.4km az=45.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like YER Yerksek, TUR Turunc, DALY Dalayan, etc.

ISC 22 03:52:27.4.6.8.39:22N.73:42E, h81km, 65km, mb3.3/4, mb1 3.4/8, mb1mx3.1/41, mbtmp3.1/41, Error ellipse: s-maj=62.7km s-min=50.4km az=118.0

ISC 22 03:52:28.9.1.6.38:2N.0:17:36E.0:1, h100km, n20, az=215.12, mb3.6/4, 7C-4D, Tajikistan-Xinjiang border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SFK Stafi-Kurgan, DZET Dzhetysay, ZALV Zarechny Beam, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LSNW Little Sitkin, ADAG Mount Adagdak, ETKA Kagalaska Isla, etc.

MOS 22:03:55:45.1±1.0, 53:02N, 168:51E, h104km, m4.2/1, Error ellipse: s-maj=28.3km s-min=13.0km az=29.2

KRSC 22:03:55:45.1±1.0, 53:02N, 168:51E, h104km, m4.1km, ML4.0, Komandorski Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BKI Bering, MKZ Mys Kozlova, KRER Koryakskii, etc.

ISCJB 22:04:06:40.5±1.0, 11:92N, 0:09:43:63E, h10km, Error ellipse: s-maj=17.3km s-min=5.0km az=135.8

ARO 22:04:06:40.9, 12°N, 1°44'E, h10km, ML3.4

ISC 22:04:06:38.3±1.4, 11:92N, 0:09:43:75E, h10km, n8, s086/11, 1C, Ethiopia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OBO Obock, MCAD Moucha, TDD Tadjoura Ara, etc.

ROM 22:04:10:10.9±0.3, 44:78N, 6:74E, h9km, 1km, Md2, 7/11, ML2, 4/15, Error ellipse: s-maj=4.2km s-min=1.5km az=76.0

ISCJB 22:04:10:10.4±0.2, 44:80N, 6:75E, h9km, 1km, ML4.1km, Error ellipse: s-maj=2.1km s-min=1.7km az=161.0

GEN 22:04:10:11.3, 44:78N, 6:75E, h9km, ML2.6

CSEM 22:04:10:11.2±0.1, 44:81N, 6:75E, h10km, ML3.0/37, Error ellipse: s-maj=1.9km s-min=1.4km az=62.0

STR 22:04:10:12.5±0.2, 44:76N, 6:64E, h5km, ML2.6, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

LDG 22:04:10:12.0±0.1, 44:80N, 6:75E, h2km, Md2.8/3, ML2.8/35, Error ellipse: s-maj=1.4km s-min=0.9km az=60.0

ISC 22:04:10:10.8±0.8, 44:80N, 6:72E, h12km, 4km, n148, s1813/265, 2C-2D, France

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MBDF Montbardon, RRL Rocca Remolon, BNI Bardonecchia, etc.

Table with columns: PZZ, Stoppo, San Damiano, Remo Superiore, Grand Maison, Oris-en-Rattie, La Plagne, Lucerne, Traversella, Calern, Sospel, Revere, Simiane la Rot, Rocca Rossa, Imperia, La Forest Royal, Piastacagn, Passo dei Sala, Grande Dixence, Saint-Julien-I, La Moure, La Chapelle. Includes values for Time and Res.

Table with columns: CABB, La Chapelle, Ste Croix, Signal de Mont, Saint Agoulin, Hinterfeld, Avrill sur Loir, Lormes, Lucerne, Haudompre, Bois d'Agland, Calvaci, Damuels, TCF, Montoliou, Sextfontaines, Champ du Feu, Rejaudoux, Maizieres J'vi, Moosalm, Moosalm, Frestale, Esparros, Saint Martin d, Etsaut, Ste Jean, La Fruitiere. Includes values for Time and Res.

IDC 22:06:07:05:9.7, 9.20'41S:178.37'W, h0km, mb3.5/3, mb1 3.8/3, mb1mx3.5/29, SNR=5.6, Error ellipse: s-maj=344.2km s-min=37.7km az=146.0, Fiji Islands region

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

ISK 22:06:12:06.6, 37.28'N:28.25'E, h4km, MD2.6
ISCJB 22:06:12:07.0, 6.37'22N:0.05'28.19E, 0.05, h0km, Error ellipse: s-maj=7.8km s-min=4.3km az=40.7

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, Res ISC. Includes stations like Yerkesik, Tasuluk, and Kayabasi.

IDC 22:06:31:51.7, 1.6, 0.74N:97.00E, h0km, mb3.8/5, mb1 3.8/6, mb1mx3.8/30, mb1mp3.7/6, ML2.9/1, MS3.3/2, MS1 3.3/2, ms1mx2.6/46, Error ellipse: s-maj=53.7km s-min=21.8km az=56.0

DJA 22:06:32:04.1, 0.6, 1'N:5.9'E, h28km, 5km, M4.0/11, mb4.4/1, MLV3.7/11

ISC 22:06:31:57.1, 1.4, 0.8N:0.1'97.32E, 0.08, h27km, n22, c093/13, mb3.7/5, Northern Sumatra

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, Res ISC. Includes stations like Gunungsitoli, Sinabang, and Warramunga Arr.

DDA 22:06:38:59.0, 37.23'N:28.25'E, h7km, MD2.7
ISK 22:06:38:58.0, 37.30'N:28.27'E, h8km, MD2.6
ISCJB 22:06:38:59.3, 0.5, 37.24N:0.03'28.19E, 0.05, h0km, Error ellipse: s-maj=6.3km s-min=3.4km az=151.8

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, Res ISC. Includes stations like Yerkesik, Tasuluk, and Kayabasi.

MAN 22:06:42:26.8, 30N:126.72E, h33km, mb4.5, ML3.3, MS3.2, Mindanao

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, Res ISC. Includes stations like Butuan, Mati, and Musuan.

Table with columns: SCPH, Surigao, 1.91 321 eP, Pn, 06 42 57.1 +0.8, 06 43 20.6 +1.5, eS, Sn

AUST 22:06:53:50.9, 3.1, 17.22S:179.21E, h287km, Error ellipse: s-maj=2.0km s-min=1.8km az=26.0

ISCJB 22:06:53:57.9, 0.8, 16.23S:0.05:179.87E, 0.05, h472km, 8km, mb4.3/47, Error ellipse: s-maj=8.8km s-min=6.2km az=151.1

BJJ 22:06:53:58.3, 16.10S:179.90E, h474km, mb4.6/19, mb4.9/13

IDC 22:06:53:59.0, 0.8, 16.21S:179.93E, h472km, 8km, mb3.9/23, mb1 4.0/24, mb1mx3.8/35, mb1mp4.7/24, Error ellipse: s-maj=12.1km s-min=9.8km az=131.0

NEIC 22:06:53:59.1, 0.6, 16.18S:179.89E, h476km, 8km, mb4.5/29, Error ellipse: s-maj=8.9km s-min=6.3km az=149.0

NEIC Fell at Suva. ISC 22:06:53:59.4, 0.4, 16.17S:0.06:180.00E, 0.06, h481km, 3km, h482km, n15, c115, c116, mb4.5/50, 2C, Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, Res ISC. Includes stations like Nonsauf, Afiamalu, Niue, and Warramunga Arr.

PETK Petropavlovsk- 71.63 346 P 07 04 31.2 -0.1

KSRK Korea Arr 72.40 319 P 07 04 35.8 -0.2

KSAR Wonju Array Be 72.42 319 P 07 04 35.8 -0.4

KS01 Wonju Array Site 72.43 319 eP 07 04 36.6 +0.4

KSQA GSPA South Pole City 73.87 180 eP 07 04 44.7 +0.5

USRK Ussuriysk Arr. 74.33 326 P 07 04 48.3 +1.3

NJ2 Nanjing 75.67 310 eP 07 04 54.1 -0.6

QIZ Qiongzong 77.36 294 P 07 05 04.8 +0.4

CMB Columbia Colle 77.65 44 eP 07 05 06.1 +0.5

CN2 Changchun 77.73 323 eP 07 05 08.3 +2.5

ISA Isabella 77.74 47 eP 07 05 07.8 +1.6

YBH Yreka Blue Hor 78.17 40 P 07 05 09.4 +1.0

YBUM Tungsten Hills 78.53 46 eP 07 05 11.9 +1.3

NV01 Mina Array Sit 79.25 45 eP 07 05 15.0 +0.6

NV01 Mina Array Site 79.25 45 eP 07 05 15.0 +0.6

TPNV Topnot Spring 79.94 47 eP 07 05 19.1 +1.1

BMN Battle Mountai 80.99 43 eP 07 05 24.3 +0.9

WVOR Ford Horse Val 81.09 41 eP 07 05 24.4 +0.5

IO7A Izeze 81.42 39 eP 07 05 26.4 +0.9

BJJ Beijing 81.49 316 P 07 05 26.4 +0.6

BJJ Beijing 81.49 316 pP 07 07 11.7 +0.3

BJJ Beijing 81.49 316 S 07 08 01.4 +0.4

Table with columns: GYA, PMZ, MFID, HLID, ILAR, etc. Includes stations like Camas Ranch, Eielson Array, and various other locations.

ISCJB 22:06:56:46.9, 0.7, 76.88N:0.03:18.4E, 0.1, h1km, 5km, mb4.3/20, MS3.0/11, Error ellipse: s-maj=5.4km s-min=3.3km az=140.4

CSEM 22:06:56:48.2, 0.1, 76.93N:18.52E, h2km, mb4.3/10, Error ellipse: s-maj=5.3km s-min=3.1km az=55.0

IDC 22:06:56:48.2, 0.6, 76.89N:18.05E, h0km, mb4.0/9, mb1 4.1/11, mb1mx3.7/55, mb1mp4.0/11, MS3.2/2, MS3.1/14, MS1 3.1/14, ms1mx2.9/44, Error ellipse: s-maj=19.7km s-min=7.7km az=70.0

MOS 22:06:56:48.9, 1.3, 76.89N:18.32E, h1km, 12km, ML4.7

MOS 22:06:56:48.9, 1.2, 76.89N:18.57E, h12km, mb4.2/10, Error ellipse: s-maj=50.6km s-min=7.3km az=95.2

NEIC 22:06:56:49.7, 0.3, 76.91N:18.15E, h10km, mb4.5/5, Error ellipse: s-maj=10.5km s-min=5.0km az=61.0

BER 22:06:56:51.2, 3.7, 76.91N:18.33E, h15km, 18km, MD2.5, ML3.8, ML4.7 (NAO)

ISC 22:06:56:48.3, 1.3, 76.92N:0.03:18.46E, 0.03, h0km, 8km, n143, c116/147, mb4.2/21, MS3.0/11, 1C-2D, Svalbard region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, h m s, Res ISC. Includes stations like Hornsund, Spitsbergen Ar, and various other locations.

Table of astronomical observations for 1027, listing station names (e.g., SPA0, SPB1), coordinates, and observation times.

Table of astronomical observations for 2010 SEP, listing station names (e.g., AKASG, VRAC), coordinates, and observation times.

Table of astronomical observations for 22d 7h, listing station names (e.g., PDO, AMT), coordinates, and observation times.

22d 7h

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like BJO, SNR=92, Kingsbay, ARCS Array S, ARCS Array S.

CRNET 22 07:11:04.7:0.1, 40.52N:77.41E, mb3.0
NNC 22 07:11:07.6:3.0, 40.37N:77.29E, h0km, mb3.4, mpv3.1,
Error ellipse: s-maj=26.8km s-min=14.0km az=143.0
ISC 22 07:11:06.8:1.7, 40.57N:0.06:77.28E, 0.06, h0km, 15km,
n15, e1946/29, 19C-SD, Kyrgyzstan-Xinjiang border
region

Main station list table for the 22d 7h period, including stations like KASHI, KASH, KSH, KDJ, ULHL, KZA, ANVS, ARLS, TKM2, KBK, AAK, SFK, AML, PDGK, EKS2, EKS2.

NEIC 22 07:18:23.6, 31.19N: 115.65W, h5km, mb4.3/19,
MD4.3(MEX), ML4.7(PAS), ML4.7(CEX), After ECX.
NEIC Felt [1] at San Felipe. Also felt at Camalu, Lazaro
Cardenas, Mandeadero and Mexicali.
ECX 22 07:18:23.6:0.5, 31.19N: 115.65W, h5km, MD4.5, ML4.7,
Fault plane solution: NP1:phi=206.57000°, delta=5.2000°,
lambda=26.57000°.
ISCJB 22 07:18:24.7:0.4, 31.21N:103.115:76W:0.03, h10km,
mb4.1/9, MS3.8/6, Error ellipse: s-maj=4.9km s-min=1.9km
az=34.5
IDC 22 07:18:25.0:1.6, 31.23N:115.57W, h0km, mb4.0/7,
mb1.4, 1/12, mb1mx3.8/42, mbtmp3.9/12, ML3.75, MS3.8/11,
Ms1.3/11, ms1mx3.5/39, Error ellipse: s-maj=3.2, 1km
s-min=10.5km az=39.0
MEX 22 07:18:25.0:0.5, 31.19N: 115.62W, h20km:99qkm, MD4.3
ISC 22 07:18:25.2:0.6, 31.28N:104.115:72W:0.03, h10km,
n238, e1990/194, mb3.9/9, MS3.8/6, 2C-11D, Baja
California

Main station list table for the 22d 7h period, including stations like ZAX, ECXB, RDX, ECXN, ECXN, PBX, CPBX, MBIG, CBX, RMX, IBP, RMX, IBP, IBP, WESC, DREC, BAR, BAR, SWC, MONP, SDR, GLA, 109C, 109C, BC3.

2010 SEP

Main station list table for the 2010 SEP period, including stations like PFO, PFO, MURC, Y12C, BELC, IRM, BBRC, FMP, BFSC, BFSC, GMRC, MWC, PASC, HEC, DECC, RRR, LDFC, EDW, GSC, TUQ, ARVC, HSIG, ISA, ISA, SRIG, SRIG, PKM, MPMC, DAC, SHPR, VES, SMMC, WUAZ, WUAZ, TPNV, W18A, W18A, R11A, R11A, NVAR, NVAR, NVAR, NVAR, CMB, MSU, LAZ, MVO, ANMO, ANMO, ANMO, LPIG, TMUT, MNTX, MNTX, SRU, PV01, PV04, P17A, NLU, DUG, GMIN, P18A, O16A, CTU, TXAR, TXAR, TXAR, SMCO, O20A, HVU, HWUT, MSTX, MSTX, 128A, Z28A, M04C, M02C, X28A, X28A, YBH, YBH, 429A, MFID, Y29A, K05A, J08A, R26A, HLID, HLID, AMTX, AMTX, 530A, 430A.

1028

Main station list table for the 1028 period, including stations like BWO6, HUMO, J05D, TPWA, SNOW, X30A, J04D, J31A, 131A, 531A, I07A, IMW, Y31A, V30A, K22A, K22A, I04A, X31A, 532A, 332A, JCT, JCT, MCMT, ABTX, ABTX, I05D, I03D, Z32A, V31A, V31A, 832A, X32A, G08A, 433A, 333A, W32A, 133A, 233A, 533A, 833A, Z33A, G05D, Y33A, ROZ, BLMT, RLMT, LRM, 933A, X33A, 534A, W33A, 434A, 134A, G03D, Y34A, X34A, W34A, T33A, MSO, MSO, CHMT, RSSD, V34A, SLMT, LON, W35A, E03A, Z36A, BSMT, D05A, NEW, NEW, NEW, LAO, LAO, TUL1, B08A, EGMT, KSU1, G27A, F27A, W38A, N34A, PGC, U38A, F28A, E27A.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like D26A Manning, MIAR Mount Ida, L35A Bielow Farm, etc.

ECX 22 07:25:29.6:0.3, 31.26N:115.69W, h3km, MD3.2, ML3.5
ISC 22 07:25:27.7:2.9, 31.22N:115.61W:0.08, h6km, m12km, n17, c0988/21, 3D, Baja California

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RDX Rancho Dawling, RDX Esteban Cantu, ECNX Punta Banda, etc.

ISCJB 22 07:35:02.5:2.1, 16.27S:0.09:71.5W:0.1, h133km, mb4.1/2, Error ellipse: s-maj=19.5km s-min=9.4km

ISC 22 07:35:06.4:4.2, 15.98S:71.00W, h186km, 32km, mb4.0/2, mb1.3/9, mb1mx3.3/21, mbtmp4.4/3, Error ellipse: s-maj=120.4km s-min=48.2km az=178.0

ISC 22 07:35:00.3:1.7, 16.11S:0.09:71.6W:0.1, h133km, n11, c1527/14, Southern Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LPAZ La Paz, LPB07 IPOC Station P, LPB07 IPOC Station P, etc.

FUNV 22 07:41:24.6, 10.82N:73.65W, h32km, MW3.5, Northern Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DABV Dabajuro.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DABV El Vigia, VIGV Capacho, VIGV Curaru, etc.

IDC 22 07:54:29.7:1.6, 3.68S:143.02E, h0km, mb3.6/5, mb1.4/0.6, mb1mx3.7/27, mbtmp3.8/6, ML4.1/1, MS2.8/1, Ms1.2/1, ms1mx2.5/129, Error ellipse: s-maj=62.1km s-min=22.6km az=110.0

ISCJB 22 07:54:31.5:1.5, 3.85S:0.2:143.0E:0.4, h22km, mb3.6/5, Error ellipse: s-maj=58.7km s-min=17.3km az=17.4

ISC 22 07:54:33.0:1.6, 3.75S:0.2:143.1E:0.4, h22km, n7, c067/6, m33.7/5, Near north coast of New Guinea

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

MOS 22 08:00:11.4:0.9, 13.29S:76.24W, h33km, mb6.0/94, MS5.0/22, Error ellipse: s-maj=9.0km s-min=4.9km az=106.2

ISCJB 22 08:00:12.9:0.1, 13.31S:0.02:76.18W:0.03, h50km, mb5.9/349, MS5.1/122, Error ellipse: s-maj=4.6km s-min=2.4km az=137.4

BUI 22 08:00:12.3, 13.40S:76.10W, h49km, mb5.6/44, Ms5.6/49, Ms7.5/454

NEIC 22 08:00:14.3:0.1, 13.39S:76.07W, mb5.9/270, MS5.2/85, MW5.7, MW5.6, MW5.7, Error ellipse: s-maj=3.7km s-min=2.4km az=61.0, Moment Tensor Solution. s53

NEIC Felt [IV] at Chinchta Atca, Ica, Pisco and Tambo de Mora; [III] at Barranca and Lima; [II] at Chosica, Also felt at Chilca, Imperial, Mala, Ricardo Palma, San Vicente de Canele and Santa Maria.

NEIC 22 08:00:14.0:0.0, 13.36S:76.05W, h49km, Moment Tensor Solution. s26 Moment tensor: Scale 1017Nm; Mr:2.97; Mw:0.78; Mw:2.19; Mw:1.16; Mw:1.24; Mw:3.26; Best double couple: M1:4.00000e+10; NP1:157.00000e+03; 0.89.00000e+03; 1.95.00000e+03; NP2:322.00000e+03; 0.20.00000e+03; 1.75.00000e+03; Principal axes: T 4.0100, Plg5.0000; P -4.4800, Plg1.0000; Azm244.0000;

GCMT 22 08:00:14.3:0.1, 13.40S:76.60W, h64km, MW5.7/113, Moment Tensor Solution. s113,c213; s108,c251; Duration: 1s7 Moment tensor: Scale 1017Nm; Mr:3.42e+05; Mw:0.39e+04; Mw:3.85e+05; Mw:0.33e+03; Mw:1.27e+04; Mw:2.20e+05; Best double couple: M4:4.32000e+10; NP1:169.00000e+03; 0.60.00000e+03; 1.95.00000e+03; NP2:339.00000e+03; 0.30.00000e+03; 1.82.00000e+03; Principal axes: T 4.0710, Plg7.0000; Azm91.0000; N 0.2230, Plg4.0000; Azm34.0000; P -4.7940, Plg15.0000; Azm255.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s.

IDC 22 08:00:14.1:0.5, 13.42S:76.09W, h47km, km, mb5.4/21, mb1.5/25, mb1mx5.5/27, mbtmp5.7/25, MS5.0/27, Ms1.5/0.27, ms1mx4.9/28 Error ellipse: s-maj=12.1km s-min=7.7km az=63.0

NEIC 22 08:00:24.7:0.0, 12.85S:76.31W, h48km, Moment Tensor Solution. s109 Moment tensor: Scale 1017Nm; Mr:2.84; Mw:0.49; Mw:2.35; Mw:0.25; Mw:1.57; Mw:1.80; Best double couple: M3:5.00000e+10; NP1:162.00000e+03; 0.61.00000e+03; 1.10.00000e+03; NP2:317.00000e+03; 0.32.00000e+03; 1.68.00000e+03; Principal axes: T 3.4200, Plg1.0000; Azm102.0000; N 0.2700, Plg11.0000; Azm336.0000; P -3.6900, Plg15.0000; Azm243.0000;

ISC 22 08:00:14.0:0.3, 13.45S:0.03:76.10W:0.05, h49km, 2km, h49km; PP-P, 1447, c19116/1497, mb5.9/344, MS5.1/122, 77C-15D, Near coast of Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ATAH Athualpa, ATAH 62nm, LPAZ La Paz, LPB04 La Paz, LPB07 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ROSC comp=Z,2.4nm,0.3s,baz=159,slow=2.0,SNR=59, ROSC comp=Z,1.2nm,0.3s,baz=80,slow=19,SNR=2.3, etc.

22d 8h

1000 SEP

1030

Table with columns: ID, Name, Value, Unit, Status, Date, Time, and other parameters. Includes entries like 035Z Harjill, BRAL Brewton, 035A Encino, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, and other parameters. Includes entries like 530A J-C Ranch, 431A Sonora, Z38A Mt. Pleasant, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, and other parameters. Includes entries like SIUC Southern Illin, V36A Jenks, X32A Elmer, etc.

U30A	WK&E Inc. Balk	54.84	336	P	P	08 09 39.0	-0.5
121A	Cookes Peak, D	54.85	327	P	P	08 09 40.0	+0.2
121A	Cookes Peak, D	54.85	327	eP	P	08 09 40.3	+0.5
ALLY	Alegheny Colls	54.94	356	eP	P	08 09 39.2	-0.8
T31A	Randall Ranch,	54.96	337	P	P	08 09 39.6	-0.7
U29A	Ozias Ranch,	55.02	335	P	P	08 09 40.4	-0.4
V27A	Dan Oppiter Fa	55.09	333	P	P	08 09 40.6	-0.7
HDIL	Hopedale	55.10	348	P	P	08 09 39.4	-1.8
HDIL	Hopedale	55.10	348	eP	P	08 09 39.4	-1.8
R34A	Isabella Hill	55.16	340	P	P	08 09 40.8	-0.8
Q36A	Arnold C. Orve	55.19	342	P	P	08 09 40.6	-1.1
S32A	Newby Ranch, P	55.21	338	P	P	08 09 41.5	-0.5
BRYW	Bryant College	55.24	4	eP	P	08 09 42.4	+0.2
T30A	Plains	55.25	336	P	P	08 09 41.6	-0.7
Q35A	Mercer Eighty,	55.27	341	P	P	08 09 41.6	-0.8
S31A	Mullinville	55.34	337	P	P	08 09 42.3	-0.7
U28A	Mallet	55.35	334	P	P	08 09 42.3	-0.9
BINY	Binghamton	55.37	0	eP	P	08 09 43.2	+0.1
R33A	Olander Ranch,	55.42	339	P	P	08 09 43.1	-0.4
BNM	Barren Site	55.54	329	eP	P	08 09 44.8	+0.1
Q34A	Chapman	55.62	340	P	P	08 09 44.2	-0.7
Y22D	IRIS PASCALL I	55.62	329	P	P	08 09 45.3	+0.1
T29A	Hugoton	55.64	336	P	P	08 09 44.6	-0.6
U27A	Thompson Grove	55.65	334	P	P	08 09 44.1	-1.2
LPM	Los Pinos Moun	55.67	329	eP	P	08 09 45.5	-0.1
LPM	Los Pinos Moun	55.67	329	eP	pP	08 09 45.5	0.0
KSU1	Kansas State U	55.67	341	P	P	08 09 44.1	-1.2
KSU1	Kansas State U	55.67	341	eP	P	08 09 44.3	-1.0
P36A	Good Inter, A	55.71	342	P	P	08 09 44.5	-1.1
S30A	Montezuma	55.73	337	P	P	08 09 44.5	-0.5
R32A	Long Quarter,	55.77	339	P	P	08 09 45.6	-0.5
HRV	Adam Dzewonsk	55.83	4	eP	pmax	08 09 46.6	+0.3
HRV	Adam Dzewonsk	55.83	4	eP	pmax	08 09 46.5	+0.3
P35A	Duane Minner,	55.88	341	P	P	08 09 45.6	-1.2
AAM	Ann Arbor	55.90	353	eP	P	08 09 45.8	-1.1
AAM	Ann Arbor	55.90	353	eP	pmax	08 09 45.8	-1.1
AAM	Ann Arbor	55.90	353	eP	P	08 09 45.8	-1.1
T28A	Walsh	55.94	335	P	P	08 09 46.6	-0.8
TRY	Troy	55.94	2	eP	P	08 09 47.5	+0.3
TRY	Troy	55.94	2	eP	LR	08 09 47.5	+0.3
R31A	Burdett	55.95	338	P	P	08 09 47.1	-0.3
S29A	Ulysses	55.97	336	P	P	08 09 47.2	-0.4
Q39A	Connolly Farm,	55.98	340	P	P	08 09 47.0	-0.6
LAZ	Ladron	55.99	329	eP	P	08 09 48.5	+0.5
ANMO	Albuquerque	56.09	330	eP	P	08 09 48.5	-0.1
ANMO	Albuquerque	56.09	330	eP	pmax	08 09 48.1	-0.5
O36A	Bolckow	56.12	343	P	P	08 09 46.9	-1.5
T27A	Campo	56.14	334	P	P	08 09 47.9	-1.0
P34A	Walnut Farm, R	56.15	341	P	P	08 09 47.9	-0.8
R30A	Dighton	56.23	337	P	P	08 09 48.7	-0.7
Q32A	Meitler Ranch,	56.23	339	P	P	08 09 48.7	-0.6
S28A	Mantel	56.26	335	P	P	08 09 49.0	-0.6
P33A	Williams Farm,	56.33	340	P	P	08 09 49.6	-0.4
RKT	Rikitea	56.41	251	eS	S	08 17 42.1	+3.5
RKT	Rikitea	56.41	251	eS	SS	08 21 28.8	+2.5
RKT	Rikitea	56.41	251	eS	LR	08 26 16.4	
RKT	Rikitea	56.41	251	eT	T	09 10 12.3	
CBKS	Cedar Bluff	56.49	338	eP	pmax	08 09 50.7	-0.5
CBKS	Cedar Bluff	56.49	338	eP	pmax	08 09 50.7	-0.5
CBKS	Cedar Bluff	56.49	338	eP	P	08 09 50.7	-0.5
O35A	Humboldt	56.52	342	P	P	08 09 49.9	-1.4
Q31A	Ellis	56.53	338	P	P	08 09 51.0	-0.5
ACCN	Airdrack Com	56.58	2	eP	P	08 09 52.2	+0.5
T26A	Comanche Natio	56.61	334	P	P	08 09 51.8	-0.4
R29A	Mariethal	56.68	337	P	P	08 09 51.9	-0.7
O34A	Beatrice	56.69	341	P	P	08 09 51.4	-1.2
S27A	Las Animas	56.75	335	P	P	08 09 52.1	-1.1
P32A	Huiting Farm,	56.81	339	P	P	08 09 52.4	-1.0
Q30A	Quinter	56.81	338	P	P	08 09 53.2	-0.3
R28A	Tribune	56.87	336	P	P	08 09 53.2	-0.8
Q33A	Hebron	56.87	340	P	P	08 09 53.3	-0.6
S26A	Kim	56.94	334	P	P	08 09 54.3	-0.2
T25A	Trinidad	56.94	333	P	P	08 09 54.4	-0.2
T25A	Trinidad	56.94	333	eP	P	08 09 54.6	0.0
N35A	Tabor	56.99	342	P	P	08 09 53.4	-1.2
P31A	Stockton	56.99	339	P	P	08 09 54.2	-0.5
Q29A	Oakley	57.02	337	P	P	08 09 54.1	-0.9
NCB	Newcomb	57.16	2	eP	P	08 09 55.7	-0.1
R27A	Eads	57.22	335	P	P	08 09 55.7	-0.8
N34A	Lincoln	57.22	342	P	P	08 09 54.9	-1.4
MDV	Middlebury	57.23	3	eP	P	08 09 56.4	+0.2
O32A	Brockman Farm,	57.27	340	P	P	08 09 55.7	-1.0
P30A	Selden	57.32	338	P	P	08 09 56.4	-0.7
N33A	J Bar K, Exete	57.43	341	P	P	08 09 57.1	-0.7
Q28A	Sharon Springs	57.50	336	P	P	08 09 57.5	-0.9

R26A	Arlington	57.50	335	P	P	08 09 57.9	-0.6
O31A	Woolen Ranch,	57.53	339	P	P	08 09 57.9	-0.6
LBNH	Lisbon	57.53	4	eP	P	08 09 58.8	+0.4
LBNH	Lisbon	57.53	4	eP	P	08 09 58.8	+0.4
M35A	Neola	57.56	343	P	P	08 09 57.4	-1.2
JFWS	Jewell Farm	57.57	348	eP	pmax	08 09 57.3	-1.4
JFWS	Jewell Farm	57.57	348	eP	pmax	08 09 57.3	-1.4
P29A	Atwood	57.62	337	P	P	08 09 58.9	-0.3
N32A	Stulken Farm,	57.73	340	P	P	08 09 59.1	-0.8
PTN	Potsdam (NY)	57.74	1	eP	P	08 09 59.7	-0.2
KSCO	Kaye Shedlock	57.74	1	eP	P	08 09 59.7	-0.2
KSCO	Kaye Shedlock	57.77	336	eP	P	08 09 59.9	-0.5
KSCO	Kaye Shedlock	57.77	336	eP	P	08 09 59.9	-0.5
LONY	Lake Ozonia	57.80	1	eP	P	08 10 00.2	-0.1
O30A	MW Ranch, Ws	57.81	338	P	P	08 10 00.0	-0.5
M34A	Aspy Farms, Fr	57.86	342	P	P	08 09 60.0	-0.8
W18A	Petrified Fore	57.88	328	P	P	08 10 01.3	0.0
W18A	Petrified Fore	57.88	328	eP	P	08 10 01.6	+0.3
W18A	Petrified Fore	57.88	328	eP	P	08 10 01.6	+0.3
P28A	Saint Francis	57.91	337	P	P	08 10 00.8	-0.5
SDCO	Great Sand Dun	57.92	333	eP	P	08 10 01.3	-0.3
SDCO	Great Sand Dun	57.92	333	eP	P	08 10 01.3	-0.3
SDCO	Great Sand Dun	57.92	333	eP	P	08 10 01.3	-0.3
SDCO	Great Sand Dun	57.92	333	eP	pP	08 10 15.3	0.0
N31A	Bailey Ranch,	58.00	340	eP	P	08 10 01.0	-0.8
SADO	Sadova	58.00	357	eP	P	08 10 00.1	-1.5
WVL	Waterville	58.03	5	eP	P	08 10 02.4	+0.5
O29A	4D Ranch, Culb	58.03	338	P	P	08 10 01.5	-0.5
Q26A	Hugo	58.06	335	P	P	08 10 02.2	-0.2
M33A	Taylor Creek F	58.11	341	P	P	08 10 01.2	-1.3
L35A	Bielow Farm, R	58.11	343	P	P	08 10 01.4	-1.1
P27A	Ficken Ranch,	58.22	336	P	P	08 10 02.7	-0.8
L34A	Svensden Farm,	58.22	342	P	P	08 10 02.0	-1.2
BGNE	Belgrade	58.26	341	P	P	08 10 03.0	-0.6
BGNE	Belgrade	58.26	341	eP	P	08 10 02.8	-0.6
BGNE	Belgrade	58.26	341	eP	P	08 10 02.8	-0.6
BGNE	Belgrade	58.26	341	eP	P	08 10 02.8	-0.6
N30A	Hueftle Ranch,	58.37	339	P	P	08 10 03.9	-0.5
O28A	Krutsinger Ran	58.40	337	P	P	08 10 04.2	-0.5
EMMW	East Machias	58.41	7	eP	P	08 10 04.3	-0.2
M31A	Lambrecht Ranc	58.47	340	P	P	08 10 04.3	-0.8
GLMI	Graying	58.51	353	eP	P	08 10 03.7	-1.5
P26A	Davis Ranch, A	58.53	335	P	P	08 10 05.2	-0.5
S22A	4UR Ranch, Cre	58.53	332	P	P	08 10 05.9	0.0
S22A	4UR Ranch, Cre	58.53	332	eP	P	08 10 05.8	-0.1
N29A	Votaw Ranch, W	58.58	338	P	P	08 10 05.6	-0.3
K35A	Storm Lake	58.59	344	P	P	08 10 04.7	-1.1
L33A	Hoskins	58.67	342	P	P	08 10 05.4	-1.0
O27A	Beecher Island	58.72	337	P	P	08 10 06.8	-0.1
L32A	Elgin	58.75	341	P	P	08 10 05.7	-1.3
Q24A	Divide	58.78	334	P	P	08 10 06.9	-0.7
N28A	Pribbeno Ranch	58.80	338	P	P	08 10 07.0	-0.4
K34A	Le Mars	58.80	343	P	P	08 10 06.0	-1.4
MVCO	Mesa Verde	58.89	330	P	P	08 10 08.3	-0.1
MVCO	Mesa Verde	58.89	330	eP	P	08 10 08.2	-0.1
M30A	Dale-Ortello V	58.95	339	P	P	08 10 07.7	-0.7
K33A	Hardington	58.99	342	P	P	08 10 07.6	-1.0
WUAZ	Wupakti	59.05	327	P	P	08 10 09.9	+0.5
WUAZ	Wupakti	59.05	327	eP	P	08 10 10.1	+0.7
O26A	Horse Wrangler	59.10	336	P	P	08 10 09.3	-0.3
M29A	Burnside Ranch	59.15	339	P	P	08 10 09.2	-0.7
L31A	Butterfield Fa	59.17	340	P	P	08 10 09.5	-0.4
J35A	Milford	59.18	344	P	P	08 10 09.1	-0.8
GLA	Glamis	59.20	322	eP	pmax	08 10 10.2	-0.1
GLA	Glamis	59.20	322	eP	pmax	08 10 10.2	-0.1
GLA	Glamis	59.20	322	eP	P	08 10 11.3	+0.9
GLA	Glamis	59.20	322	eP	P	08 10 10.2	-0.1
OGNE	Ogallala	59.21	337	P	P	08 10 09.8	-0.5
L30A	Spencer Herofo	59.26	340	P	P	08 10 10.6	0.0
N27A	Anderson Farm,	59.28	337	P	P	08 10 10.6	-0.2
J34A	George	59.31	343	P	P	08 10 09.9	-1.0
K32A	Verdige	59.34	341	P	P	08 10 10.0	-1.0
M28A	Bar X Bar Banc	59.35	338	P	P	08 10 11.0	-0.3
Y12C	Blythe	59.52	323	P	P	08 10 12.7	+0.3
K31A	O'Neill	59.55	341	P	P	08 10 12.1	-0.4
N26A	Koester Ranch,	59.56	336	P	P	08 10 12.8	0.0
I35A	Creekview Farm	59.58	344	P	P	08 10 11.7	-1.0
L29A	Maesberg Ranch	59.63	339	P	P	08 10 12.4	-0.8
J33A	Davis	59.63	342	P	P	08 10 11.7	-1.4
PV01	Paradox Valley	59.66	331	eP	P	08 10 13.9	+0.3
PV01	Paradox Valley	59.67	334	eP	pP	08 10 27.4	+0.1
ISCO	Idaho Springs	59.67	334	eP	P	08 10 13.6	-0.2
ISCO	Idaho Springs	59.67	334	eP	P	08 10 13.5	-0.3
ISCO	Idaho Springs	59.67	334	eP	P	08 10 13.6	-0.2
PDIMO	Parker Danak	59.69	324	P	P	08 10 13.7	+

22d 11h

Table with columns: CBX, Cerro Bola, Barrett, iS, Sb, 10 47 15.5 -1.2, 10 47 03.0 0.0, 10 47 04.0 +0.4

ISCJB 22 10:48:51.5-1.0, 59:1S:0.2:152:0W:0.3, h10km, mb3.9/8, MS3.8/10, Error ellipse: s-maj=26.7km s-min=21.0km az=100.5

IDC 22 10:44:51.7-0.9, 59:19S:151:193W, h0km, mb3.8/6, mb1 4.1/6, mb1mx4.0/25, mbtmp3.8/6, MS3.8/10, Ms1 3.8/10, ms1mx3.6/21, Error ellipse: s-maj=35.7km s-min=24.7km az=1.0

NEIC 22 10:48:53.2-0.7, 59:28S:151:189W, h10km, mb4.5/2, Error ellipse: s-maj=21.2km s-min=19.0km az=108.0

ISC 22 10:48:53.3-0.9, 59:25S:0.2:152:0W:0.2, h10km, n25, o#569/11, mb3.9/8, MS3.8/10, Pacific-Antarctic Ridge

Main table for 22d 11h section, listing station names, coordinates, and seismic data for various stations like SBA, VANDA, RPZ, GSPA, etc.

ISCJB 22 11:08:09.7-1.3, 14:75S:0.09:167:4E:0.2, h150km, mb3.7/5, Error ellipse: s-maj=28.8km s-min=12.6km az=175.8

IDC 22 11:08:11.6-4.6, 14:82S:167:39E, h150km, 39km, mb3.5/5, mb1 3.7/6, mb1mx3.3/45, mbtmp4.0/6, Error ellipse: s-maj=31.0km s-min=24.1km az=21.0

ISC 22 11:08:11.5-1.2, 14:8S:0.1:167:4E:0.2, h150km, n7, o#48/9, mb3.9/5, Vanuatu Islands

Table for 22d 11h section, listing station names and seismic data for stations like DZM, WRA, ASAR, etc.

IDC 22 11:47:3.2-9.1, 16:63N:123:52E, h0km, mb3.9/5, mb1 3.9/5, mb1mx3.5/1, mbtmp3.9/5, Error ellipse: s-maj=220.3km s-min=20.4km az=72.0, Philippine Islands region

Table for 22d 11h section, listing station names and seismic data for stations like WRA, ASAR, MKAR, etc.

IDC 22 11:13:34.6-1.9, 17:07N:124:12E, h0km, mb3.4/3, mb1 3.6/3, mb1mx3.3/49, mbtmp3.4/3, Error ellipse: s-maj=313.1km s-min=25.9km az=72.0, Philippine Islands region

Table for 22d 11h section, listing station names and seismic data for stations like SONM, WRA, ASAR, etc.

IDC 22 11:19:28.0-0.6, 27:22N:103:02E, h0km, mb4.1/20, mb1 4.2/21, mb1mx4.1/49, mbtmp4.1/21, ML3.5/1, MS3.4/9, Ms1 3.4/9, ms1mx3.2/35, Error ellipse: s-maj=17.2km s-min=13.0km az=52.0

ISCJB 22 11:19:28.4-0.3, 27:26N:103:06E:0.04, h10km, s-min=4.3km az=9.2

BUI 22 11:19:29.8, 27:13N:102:98E, h8km, mb4.5/25, mb4.6/13, ML4.3/20, Ms4.2/19, Ms7 3.8/18

MOS 22 11:19:30.3-1.1, 27:19N:103:04E, h27km, mb4.6/14, Error ellipse: s-maj=11.3km s-min=6.4km az=101.2

NEIC 22 11:19:30.1-1.8, 27:22N:103:07E, h33km, mb4.6/28, Error ellipse: s-maj=6.3km s-min=5.1km az=104.0

Table for 22d 11h section, listing station names and seismic data for stations like KMI, KMI, KMI, etc.

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Table with columns: KMI, KMI, KMI, 1µm, 1.1s, Sme, Sbn, SMN, Sbn, 11 20 33.0 +0.6

Table with columns: KMI, Kunming, 2.02 190, Pn, Pn, 11 20 05.3 +0.9, 11 20 33.0, 11 20 05.3 +0.9, 11 20 06.2 +0.8, 11 20 03.0 +0.6, 11 20 25.1 +4.1, 11 21 03.3 +3.6, 11 21 13.9 -0.2

Table with columns: GYA, Guiyang, 3.24 101, Pn, Pn, 11 20 05.3 +0.9, 11 20 06.2 +0.8, 11 20 03.0 +0.6, 11 20 25.1 +4.1, 11 21 03.3 +3.6, 11 21 13.9 -0.2

Table with columns: GYA, 990nm, 1.0s, Sme, Sbn, SMN, Sbn, 11 20 33.0 +0.6

Table with columns: GYA, 840nm, 1.0s, LNE, Sbn, SMN, Sbn, 11 20 33.0 +0.6

Table with columns: GYA, 880nm, 4.7s, LE, Sbn, SMN, Sbn, 11 20 33.0 +0.6

Table with columns: GYA, 470nm, 6.6s, LZ, Sbn, SMN, Sbn, 11 20 33.0 +0.6

Table with columns: CD2, Chengdu, 3.81 8, Pn, Pn, 11 20 31.1 +2.3, 11 21 17.9 +4.2, 11 21 29.8 -2.6

Table with columns: CD2, 2µm, 0.8s, Sme, Sbn, SMN, Sbn, 11 20 33.0 +0.6

Table with columns: CD2, 1µm, 0.6s, LN, Sbn, SMN, Sbn, 11 20 33.0 +0.6

Table with columns: CD2, 2µm, 7.9s, LZ, Sbn, SMN, Sbn, 11 20 33.0 +0.6

Table with columns: CD2, 7µm, 5.4s, SLVN, Sbn, SMN, Sbn, 11 20 33.0 +0.6

Table with columns: ENH, Enshi, 6.41 59, Pn, Pn, 11 21 05.4 +0.9, 11 21 26.1 -1.7, 11 21 34.5 +1.1, 11 23 07.0 -2.5

Table with columns: ENH, 21nm, 1.0s, PMZ, Sbn, SMN, Sbn, 11 21 05.4 +0.9

Table with columns: XAN, 64nm, 3.4s, PMZ, Sbn, SMN, Sbn, 11 21 05.4 +0.9

Table with columns: XAN, 970nm, 4.8s, LE, Sbn, SMN, Sbn, 11 21 05.4 +0.9

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Table with columns: TKM2, Tokmak 2, 27.34 312, eP, P, 11 25 13.8 -1.5

Table with columns: TKM2, Tokmak 2, 27.34 312, eP, P, 11 25 13.8 -1.5

Table with columns: AAK, Ala-Archa, 27.95 311, P, P, 11 25 20.1 -0.6, 11 25 21.3 +0.6

Table with columns: AAK, Ala-Archa, 27.95 311, P, P, 11 25 20.1 -0.6, 11 25 21.3 +0.6

Table with columns: EKS2, Erkin-Say, 28.44 311, eP, P, 11 25 25.2 +0.1, 11 25 25.1 +0.1

Table with columns: EKS2, Erkin-Say, 28.44 311, eP, P, 11 25 25.2 +0.1, 11 25 25.1 +0.1

Table with columns: USRK, Ussuriysk Arr, 28.78 46, P, P, 11 25 28.6 +0.6, 11 25 37.0 -1.6

Table with columns: ZALV, Zalesovo Beam, 30.00 338, P, P, 11 25 37.0 -1.6, 11 38 21.0

Table with columns: ZALV, Zalesovo Beam, 30.00 338, P, P, 11 25 37.0 -1.6, 11 38 21.0

Table with columns: KURB, Kurchatov, 30.02 328, P, P, 11 25 37.1 -1.8, 11 25 37.1 -1.9

Table with columns: KURB, Kurchatov, 30.02 328, P, P, 11 25 37.1 -1.8, 11 25 37.1 -1.9

Table with columns: KURK, Kurchatov, 30.04 328, eP, P, 11 25 37.9 -1.1, 11 25 45.6 -0.6

Table with columns: KURK, Kurchatov, 30.04 328, eP, P, 11 25 37.9 -1.1, 11 25 45.6 -0.6

Table with columns: KKAR, Karatay Array, 30.83 310, eP, P, 11 25 45.6 -0.6, 11 25 45.6 -0.6

Table with columns: KKAR, Karatay Array, 30.83 310, eP, P, 11 25 45.6 -0.6, 11 25 45.6 -0.6

Table with columns: MJAR, Matushiro Arr, 31.11 64, LR, LR, 11 39 32.2, 11 26 24.4 -2.1, 11 26 27.0 -0.2, 11 27 02.6 -0.4

Table with columns: BVAR, Borovoye Array, 35.46 326, P, P, 11 26 24.4 -2.1, 11 26 27.0 -0.2, 11 27 02.6 -0.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SPWE Spurr West, BGL Barrier Glacie, SPBG Spurr Blockage, etc.

AUST 22 11:35:24.6, 36:39S: 175:57E, h100km
IDC 22 11:35:27.0, 9.37:26S: 177:29E, h288km, mb3.7/3,
mb1 3.9/4, mb1mx3.3/2p, mbtmp4.3/4, Error ellipse:
s-maj=35.5km s-min=24.7km az=148.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like OPRZ Ohinepanea, KUZ Koaotunu, HAZ Te Kaha, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WNVZ Wahianoa, MOVZ Moawhango, PKVZ Pokaka, etc.

IS/CJB 22 11:38:26.8, 0.7, 37:63N: 0.03:34:72E:0.09, h13km, Error
ellipse: s-maj=10.6km s-min=4.3km az=178.8
DDA 22 11:38:26.7, 37:60N: 34:72E: h7km, MD2.6
CSEM 22 11:38:26.1, 0.2, 37:67N: 34:82E: h2km, MD2.6, Error
ellipse: s-maj=13.2km s-min=5.4km az=90.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GULE Gulek, KARA Karaisali, NIG Nigde, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JKRS Ishigakijima, JISG Hatenuma jima, HATJ Tarama, etc.

IDC 22 11:48:30.7, 5.0, 23:40S: 177:97W, h0km, mb3.9/2,
mb1 4.2/2, mb1mx3.6/30, mbtmp3.9/2, Error ellipse:
s-maj=264.3km s-min=57.4km az=155.0, South of Fiji
Islands

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

CSEM 22 12:03:56.6, 0.5, 14:07N: 44:28E, h2km, ML2.9
DHMR 22 12:03:56.6, 0.5, 14:07N: 44:28E, h2km, ML2.9
Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like UDYN Al' Udayn, DHBB Dhamar BB, LBOS Al Bayda', etc.

CSEM 22 12:04:09.8, 14:06N: 44:25E, h2km, Mc3.7
DHMR 22 12:04:09.8, 0.5, 14:06N: 44:25E, h2km, Mc3.7,
ML3.0, Western Arabian Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HSP Hornsund, HSP Hornsund, SPA0 Spitsbergen Ar, etc.

IS/CJB 22 12:27:31.0, 0.0, 76:77N: 0.09: 181E: 0.3, h16km, Error
ellipse: s-maj=14.1km s-min=6.7km az=28.0
CSEM 22 12:27:30.4, 0.2, 76:93N: 18:44E, h2km, ML4.1, Error
ellipse: s-maj=5.3km s-min=3.1km az=45.0
NAO 22 12:27:31.1, 1.2, 76:90N: 18:28E, h10km, 11km, ML4.1
BER 22 12:27:34.0, 0.9, 76:92N: 18:29E, h15km, 37km, MD2.2,
ML2.8, ML4.1 (NAO)

22d 14h

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KBS Kingsbay, ARAO ARCESS Array S, ARAO ARCESS Array B, ARAO ARCESS Array C, ARAO ARCESS Array D, ARAO ARCESS Array E, ARAO ARCESS Array F, ARAO ARCESS Array G, ARAO ARCESS Array H, ARAO ARCESS Array I, ARAO ARCESS Array J, ARAO ARCESS Array K, ARAO ARCESS Array L, ARAO ARCESS Array M, ARAO ARCESS Array N, ARAO ARCESS Array O, ARAO ARCESS Array P, ARAO ARCESS Array Q, ARAO ARCESS Array R, ARAO ARCESS Array S, ARAO ARCESS Array T, ARAO ARCESS Array U, ARAO ARCESS Array V, ARAO ARCESS Array W, ARAO ARCESS Array X, ARAO ARCESS Array Y, ARAO ARCESS Array Z.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SKR Severo-Kuril's, SKR Pauzhetka, PAU Pauzhetka, PAU Ruzhkyta, RUS Ruzhkyta, APC Apacha, UGLR Ugljovaya, AVH Avacha, SMAR Somma, SDRL Sedlovina, SPN Mys Shipunski, GNL Ganaly, MKZ Mys Kozlova.

ISCJB 22 12:45:16.9.0.8, 15.5S:0.3:177.8W:0.2, h386km, mb3.8/6, Error ellipse: s-maj=45.0km s-min=15.8km az=157.0, ID 22 12:45:19.1.2.3, 15.58S:177.61W, h400km, 25km, mb3.5/6, mb1 3.8/7, mb1mx3.4/22, mbtmp4.3/7, Error ellipse: s-maj=53.1km s-min=15.6km az=150.0, ID 22 12:45:17.9.0.9, 15.5S:0.3:177.7W:0.2, h386km, n10, c0809, mb4.0/6, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AFI Afiamalu, WRA Warramunga Arr, ASAR Alice Springs, NVAR Mina Array Bea, ILAR Eielson Array, TXAR Lajitas Array, MAW Mawson, ARCES ARCESS Array B, BRTR Keskin Array B, GERES GERES Array B.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like OXZ Oxford, LTZ Lake Taylor, CRLZ Canterbury Bay, RATA Peak, MOZ McQueen's Vall, WWT Waitaha Valley, DSZ Denniston Nort, KHZ Kahutara, FOX Fox Glacier, LBZ Lake Benmore, THZ Tophouse, ODZ Otahua Downs, EIDS Eidsvold, ARMA Armadale, MGCD Mangrove Creek, RMQ Roma, CMSA Cobar Meteorol, QLP Quilpie, HTT Hallett, BBOO Buckleboo, WRA Warramunga Arr, ASAR Alice Springs, KDU Kakadu.

IDC 22 12:53:25.0.7.9, 17.56S:177.87W, h0km, mb4.2/3, mb1 4.5/3, mb1mx3.8/23, mbtmp4.2/3, Error ellipse: s-maj=347.6km s-min=37.9km az=142.0, AUST 22 12:54:22.0.16.0, 17.4S:178.76W, h181km, 2km, Error ellipse: s-maj=7.0km s-min=2.7km az=304.0, ISC 22 12:53:31.4.2.8, 17.4S:177.9W:0.5, h35km, n17, c0178/12, mb4.0/3, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like EIDS Eidsvold, ARMA Armadale, MGCD Mangrove Creek, RMQ Roma, CMSA Cobar Meteorol, QLP Quilpie, HTT Hallett, BBOO Buckleboo, WRA Warramunga Arr, ASAR Alice Springs, KDU Kakadu.

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Table with columns: WRKA Warakurna, KNRA Kunurra, FITZ Fitzroy Crossi, MEEK Meekatharra, LUWI Luwih, ILAR Eielson Array.

IDC 22 12:57:49.2.9.6, 20.98S:67.03W, h218km, g3km, mb3.3/1, mb1 3.4/2, mb1mx3.3/13, mbtmp3.5/2, Error ellipse: s-maj=111.3km s-min=75.9km az=142.0, Southern Bolivia

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like LPAZ La Paz, TORO Torodi Arr, ASAR Alice Springs.

IDC 22 13:02:28.2.2.9, 58.14S:151.99W, h0km, mb3.2/2, mb1 3.4/2, mb1mx3.3/13, mbtmp3.2/2, MS3.5/2, Ms1 3.5/2, ms1mx3.1/18, Error ellipse: s-maj=84.8km s-min=46.0km az=62.0, Pacific-Antarctic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like VANDA Vanda, ASAR Alice Springs, H01W1 Cape Leeuwin H, H01W2 Cape Leeuwin H, H01W3 Cape Leeuwin H, BOSA Boshof, MKAR Makanchi Array.

KRSC 22 13:18:14.7.0.9, 55.96S:163.35E, h10km, 11km, ML3.5, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KBTR Krutoberegovo, SMKR Semkarok, BDR Baidarnaya, SRKR Sorokina, SRKR Sorokina, KLY Klyuchi, BKI Bering, MKZ Mys Kozlova, MKZ Mys Kozlova, KPT Kopyto, TUMR Tumrok, KOZ Kozrevsk, KRZ Sredinnyy, SDRR Esso, ESO Mys Shipunski, SPN Mys Shipunski, NLC Nalytchevo, SDRL Sedlovina, KRK Arik, SMAR Somma, AVH Avacha, UGLR Ugljovaya, KOK Koryaka, GNL Ganaly, RUS Russkaya.

DDA 22 13:22:42.4.37.01N:34.92E, h7km, MD2.6, CSEM 22 13:22:42.0.2.37.23N:34.91E, h26km, 1km, MD2.5, Error ellipse: s-maj=9.0km s-min=4.4km az=14.0, ISK 22 13:22:43.0.37.18N:34.96E, h22km, MD2.5, ISC 22 13:22:43.5.1.2, 37.22N:0.1:34.97E:0.06, h24km, 10km, n12, c0529/20, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like KARA Karaisali, KARA Karaisali, KARA Karaisali, GULE Gule, GULE Gule, CEYT Ceyhan, CEYT Ceyhan, YURE Yuregir, YURE Yuregir, KRYS Karatas, KRYS Karatas, TAHT Tahtakopr-Hat, TAHT Tahtakopr-Hat.

IDC 22 13:38:38.2.2.5, 5.31S:134.05E, h0km, mb3.6/1, mb1 3.6/4, mb1mx3.3/28, mbtmp3.5/4, ML3.7/4, Error ellipse: s-maj=65.2km s-min=29.7km az=87.0, Arru Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BATI Baumenta, WRA Warramunga Arr, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, ASAR Alice Springs, MKAR Makanchi Array, IDC 22 13:39:06.2.0.6, 20.9S:0.1:178.3W:0.1, h400km, mb3.5/1, Error ellipse: s-maj=20.2km s-min=9.2km az=40.1, ID 22 13:39:08.4.2.5, 20.87S:178.32W, h412km, 27km, mb3.1/8, mb1 3.4/10, mb1mx3.2/27, mbtmp4.0/10, Error ellipse: s-maj=23.7km s-min=16.1km az=116.0, ISC 22 13:39:07.3.0.7, 20.9S:0.1:178.3W:0.2, h400km, n16, c1925/16, mb3.4/9, Fiji Islands region

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Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like AFI Afiamalu, AFI Afiamalu, URZ Urewera, RPZ Rata Peaks, ASAR Alice Springs, ASAR Alice Springs, WRA Warramunga Arr, VANDA Vanda, MJAR Matsushiro Arr, KRSR Kora Array, TXAR Lajitas Array, ILAR Eielson Array, CMAR Chiang Mai Arr, MKAR Makanchi Array, AKASO Malin Array Bea, BRTR Keskin Array B, MMAI Mount Meron Arr, GERES GERES Array B.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ALRZ Allen Road, BKZ Black Stump FM, BKZ Black Stump FM, TOZ Tahuroa Road, TOZ Tahuroa Road, WHVZ Whangaehu Hut, WNWZ Wahianoa, WNWZ Urewera, KHWZ Kaweka Forest, ARHZ Aroapanui, SHGZ Shannon Statio, WNZ Waihua, KRHZ Kereru, MWZ Matawai, MWZ Matawai, MWZ Matawai, PNHZ Pukenui, KNZ Kokohu, KNZ Kokohu, CKHZ Cape Kidnapper, TKGZ Te Karaka, KHZ Kahuranaki, PRGZ Paruru Road, FSZ Takapari Road, TSZ Takapari Road, HAZ Te Kaha, WPHZ Waipukurau, MHGZ Mania Peninsula, DVHZ Denniston Nort, POWZ Post Office Ro, WMGZ Waioamiatani S, MRZ Mangatainoka R, MRZ Mangatainoka R, MRZ Mangatainoka R, BFZ Birch Farm, TMWZ Te Maipa, DUWZ D'Urville Isla, TRWZ Traveller, TRWZ Traveller, MSWZ Moikau Station, MSWZ Moikau Station, MSWZ Moikau Station, TCW Tory Channel, TCW Tory Channel, TCW Tory Channel, PLWZ Palliser, TUWZ Tuamarina, TUWZ Tuamarina, TUWZ Tuamarina, NNZ Nelson, BSWZ Blackbirch Sta, THZ Tophouse, MOZ Oxford, MXZ McQueen's Vall, DAZI Dargaville, ODZ Otahua Downs.

WEL 22 14:06:12.6.0.5, 38.49S:175.97E, h135km, 4km, ML3.6/11, 2C-2D, Error ellipse: s-maj=2.3km s-min=2.1km az=90.0, North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like ALRZ Allen Road, BKZ Black Stump FM, BKZ Black Stump FM, TOZ Tahuroa Road, TOZ Tahuroa Road, WHVZ Whangaehu Hut, WNWZ Wahianoa, WNWZ Urewera, KHWZ Kaweka Forest, ARHZ Aroapanui, SHGZ Shannon Statio, WNZ Waihua, KRHZ Kereru, MWZ Matawai, MWZ Matawai, MWZ Matawai, PNHZ Pukenui, KNZ Kokohu, KNZ Kokohu, CKHZ Cape Kidnapper, TKGZ Te Karaka, KHZ Kahuranaki, PRGZ Paruru Road, FSZ Takapari Road, TSZ Takapari Road, HAZ Te Kaha, WPHZ Waipukurau, MHGZ Mania Peninsula, DVHZ Denniston Nort, POWZ Post Office Ro, WMGZ Waioamiatani S, MRZ Mangatainoka R, MRZ Mangatainoka R, MRZ Mangatainoka R, BFZ Birch Farm, TMWZ Te Maipa, DUWZ D'Urville Isla, TRWZ Traveller, TRWZ Traveller, MSWZ Moikau Station, MSWZ Moikau Station, MSWZ Moikau Station, TCW Tory Channel, TCW Tory Channel, TCW Tory Channel, PLWZ Palliser, TUWZ Tuamarina, TUWZ Tuamarina, TUWZ Tuamarina, NNZ Nelson, BSWZ Blackbirch Sta, THZ Tophouse, MOZ Oxford, MXZ McQueen's Vall, DAZI Dargaville, ODZ Otahua Downs.

DDA 22 14:07:04.4.40.26N:41.00E, h7km, MD2.6, ISCJB 22 14:07:05.0.7.40.45N:0.08:40.78E:0.06, h7km, Error ellipse: s-maj=12.4km s-min=4.4km az=158.7, CSEM 22 14:07:05.6.0.3, 40.52N:40.78E, h8km, MD2.6, Error ellipse: s-maj=11.4km s-min=5.3km az=161.0, ISC 22 14:07:04.6.1.1, 40.37N:0.08:40.86E:0.04, h7km, n12, c0548/17, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like BAYT Ayt-tepe-Bay, BAYT Ayt-tepe-Bay, BAYT Ayt-tepe-Bay, DDEM Demirkent, DDEM Demirkent, DDEM Demirkent, GUMT Gumushane, GUMT Gumushane, DAZI Agillar, ARTV Artvin, ARTV Artvin, ARTV Artvin, KELY Keltik, KELY Keltik, KELY Keltik.

MAN 22 14:14:14.40, 17.67N:121.37E, h28km, mb4.4, ML3.3, MS3.1, 1C-1D, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like APYP Conner, CVP Callao Caves, CVP Callao Caves, ABRA Dolores, CAUP Cauayan, SGCP Mt. Cagua, SGCP Mt. Cagua, SIPP Brgy. Tapao, SIPP Palanan, BOLP Bolinao.

BALP Baler 1.93 174 eP Pn 14 15 11.0 0.0

ISCJB 22 14:23:46.4+0.6, 46:55N, 0:04:131.84E, 0:07, h10km, mb3.6/3, Error ellipse: s-maj=7.3km s-min=5.2km az=159.3

IDC 22 14:23:46.8+1.1, 46:40N, 131:54E, h0km, mb3.5/4, mb1 3.7/6, mb1mx3.4/27, mbtmp3.5/6, ML2.9/2, Error ellipse: s-maj=30.9km s-min=13.4km az=83.0

SKHL 22 14:23:47.2+0.5, 46:41N, 131:36E, h2km, 5km, mb3.8/3, ISC 22 14:23:47.1+0.8, 46:43N, 131:57E, 0:06, h10km, n13, #2521/18, mb3.7/3, Northeastern China

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like USSURIYSK AR, KLR, TEY, GRNR, EKMR, etc.

CASC 22 14:35:08.3+2.4, 8:19N, 82:73W, h15km, 13km, MD3.6, 1D, Panama-Costa Rica border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like TBS2, COTOAN, BUS, etc.

DDA 22 14:40:47.8, 41:39N, 35:94E, h5km, MD2.8

ISK 22 14:40:48.1, 41:42N, 35:95E, h2km, MD2.5

CSEM 22 14:40:49.0+0.4, 41:39N, 35:88E, h2km, MD2.5, Error ellipse: s-maj=10.5km s-min=5.0km az=37.0

ISC 22 14:40:48.2+1.3, 41:39N, 0:04:35.93E, 0:03, h6km, 12km, n18, #0560/32, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like KVT, DIKM, BOYAT, etc.

ISCJB 22 14:53:04.5+0.6, 29:65S, 0:04:179.29W, 0:10, h300km, mb3.9/4, Error ellipse: s-maj=11.7km s-min=5.5km az=13.5

IDC 22 14:53:05.0+0.5, 29:51S, 179:23W, h296km, 5km, mb3.7/4, mb1 3.9/6, mb1mx3.5/20, mbtmp4.4/6, Error ellipse: s-maj=25.5km s-min=15.4km az=167.0

ISC 22 14:53:05.0+0.6, 29:76S, 0:07:179.3W, 0:1, h300km, n28, #1588/37, mb3.8/4, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like RAO, WMGZ, HAZ, etc.

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

ISK 22 15:03:55.9, 39:92N, 29:17E, h5km, MD2.5

ISCJB 22 15:03:56.1+0.5, 39:91N, 0:03:29.16E, 0:04, h4km, 7km, Error ellipse: s-maj=6.0km s-min=3.7km az=41.8

DDA 22 15:03:56.1, 39:92N, 29:16E, h7km, MD2.6

CSEM 22 15:03:56.4+0.1, 39:93N, 29:17E, h8km, MD2.6, Error ellipse: s-maj=2.3km s-min=1.8km az=127.0

ISC 22 15:03:56.4+0.9, 39:92N, 0:03:29.17E, 0:03, h12km, 8km, n46, #0934/64, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like ULDT, ORL, IZ, etc.

ISCJB 22 15:13:20.5+0.6, 23:87N, 0:02:122.42E, 0:02, h5km, 4km, Error ellipse: s-maj=3.7km s-min=2.3km az=163.4

JMA 22 15:13:21.7+0.2, 23:91N, 122:37E, h2km, 5km, MD.4

TAW 22 15:13:21.5, 23:88N, 122:35E, h12km, 1km, ML3.0, 0

ISC 22 15:13:21.9+0.1, 23:89N, 0:03:122.39E, 0:02, h17km, 9km, n44, #0597/7, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like HWA, TWD, JYNG, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like ENTT, NNS, TWF1, etc.

ISCJB 22 15:17:12.1+0.8, 37:38N, 0:05:27.93E, 0:08, h11km, Error ellipse: s-maj=10.5km s-min=5.5km az=149.3

DDA 22 15:17:12.2, 37:40N, 27:96E, h7km, MD2.6

CSEM 22 15:17:12.0+0.1, 37:40N, 27:96E, h15km, MD2.6, Error ellipse: s-maj=4.3km s-min=2.9km az=57.0

ISC 22 15:17:11.9+1.1, 37:39N, 0:04:27.97E, 0:05, h11km, n10, #0561/14, Turkey

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

AUST 22 15:21:59.4+0.9, 6:46N, 123:74E, h595km, Error ellipse: s-maj=2.1km s-min=1.1km az=27.0

ISCJB 22 15:22:00.9+0.3, 6:34N, 0:05:123.68E, 0:06, h600km, mb1 1/14, Error ellipse: s-maj=9.1km s-min=4.6km az=144.6

IDC 22 15:22:02.4+1.0, 6:21N, 123:74E, h623km, 12km, mb3.4/13, mb1 3.5/14, mb1mx3.1/34, mbtmp4.4/14, Error ellipse: s-maj=17.6km s-min=7.1km az=67.0

DJA 22 15:22:04.9+0.6, 6:18N, 123:74E, h601km, 6km, M4.2/22, mb4.1/22, mb4.6/7, MLV4.6/9, Mw(m)3.8/7

ISC 22 15:22:00.9+0.5, 6:25N, 0:07:123.69E, 0:09, h600km, n64, #1538/63, mb4.0/14, 12D, Mindanao

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

22d 16h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KKM Kota Kinabalu, LBMI Labuha, SANI Sanana, etc.

DDA 22:15:29:05.8, 37.03N, 28.88E, h7km, MD2.6
ISK 22:15:29:06.6, 36.99N, 28.70E, h21km, MD2.5
CSEM 22:15:29:06.1, 0.4, 37.06N, 28.84E, h10km, MD2.6, Error ellipse: s-maj=8.9km s-min=8.1km az=3.0
ISC 22:15:29:06.3, 1.1, 37.05N, 0.03, 28.85E, 0.03, h5km, 11km, n17, 0574/25, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TURN Turunc, DALY Dalyan, etc.

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

NSSC 22:15:49:16.4, 1.4, 33.74N, 35.73E, h0km, 5km, MD1.1, ML 1.3
CSEM 22:15:49:17.3, 33.78N, 35.78E, h0km, ML 2.7
GRAL 22:15:49:17.3, 0.3, 33.78N, 35.78E, h0km, 54km, MD2.7
ISC 22:15:49:16.8, 0.9, 33.78N, 0.03, 35.76E, 0.04, h9km, 9km, n15, 0547/27, Jordan - Syria region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BHL Bhanes, DQRL Deir Qamar, etc.

IDC 22:15:54:38.3, 0.9, 23.77S, 64.94W, h0km, mb4, 1/5, mb1 4.3/10, mb1mx4, 1/30, mbtmp4, 2/10, ML 4.3/5, MS3.3/6, Ms1 3.3/6, ms1mx3, 2/19, Error ellipse: s-maj=23.8km s-min=21.2km az=61.0

SJA 22:15:54:39.0, 1.1, 23.68S, 65.18W, h14km, 10km, ML 4.6
NEIC 22:15:54:40.8, 3.0, 23.76S, 64.96W, h18km, 20km, mb4, 3/1, MD4.5(SJA), Error ellipse: s-maj=12.4km s-min=8.7km az=97.0

NEIC Felt [I] at Humahuaca, Salta and San Salvador de Jujuy. Also felt at Purmamarca.
ISC 22:15:54:39.0, 0.5, 23.71S, 0.04, 65.15W, 0.07, h10km, n29, c1955/29, mb4.4/6, MS3.4/3, 1D, Jujuy Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AZAP Zapla, HJA Humahuaca, etc.

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

AUST 22:16:09:45.8, 20.207S, 178.80W, h200km
IDC 22:16:09:53.3, 2.4, 21.145S, 177.79W, h356km, 24km, mb3, 8/12, mb1 4.0/14, mb1mx3, 9/19, mbtmp4, 5/14, Error ellipse: s-maj=17.7km s-min=13.9km az=119.0
ISCJB 22:16:09:56.5, 0.4, 21.165S, 0.06, 177.89W, h400km, mb3, 9/22, Error ellipse: s-maj=9.9km s-min=7.3km
NEIC 22:16:09:58.6, 2.4, 21.195S, 177.87W, h413km, 26km, mb4, 2/11, Error ellipse: s-maj=15.8km s-min=15.2km az=173.0

BUI 22:16:01:01.4, 20.90S, 178.00W, h438km, mb4, 7/8, mB5.2/7
ISC 22:16:09:57.4, 0.5, 21.245S, 0.09, 177.78W, 0.09, h400km, n66, c1914/69, mb4, 1/22, 2D, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NIUE Niue, AFI Afiamalu, etc.

TORD comp=Z,1.2nm,0.8s,baz=168,slow=5.6,SNR=5.2

JMA 22 16:12:09.9,24.35N,122.02E,h29km,2km,M3.0
ISC/JB 22 16:12:10.4,0.3,24.39N,0.02,122.10E,0.02,h22km,3km,
Error ellipse: s-maj=3.7km s-min=2.1km az=158.5
TAP 22 16:12:10.6,24.40N,122.01E,h21km,ML3.5,B
ISC 22 16:12:09.9,0.9,24.36N,0.02,122.08E,0.02,h16km,8km,
n66,0570/107,8C-6D,Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC. Lists various stations like Heping Village, Nanau, Suao, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC. Lists stations like Nanshi, Jiashin, Ishigaki jima, etc.

IDC 22 16:24:32.2,1.3,11.05N,138.94E,h0km,mb3.7/5,
mb1 3.8/5,mb1mx3.6/30,mbtmp3.7/5,Error ellipse:
s-maj=39.7km s-min=26.2km az=85.0,Western Caroline
Islands

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC. Lists stations like WAKE ISLAND Hy, etc.

ASAR Alice Springs 34.85 188 P 16 31 25.3 -0.1
CMAR Chiang Mai Arr 39.30 286 P 16 32 03.2 -0.1
MKAR Makanchi Array 59.39 318 P 16 34 36.7 +0.1
ZALV Zalesovo Beam 60.42 327 P 16 34 43.1 -0.3
ILAR Eielson Array 73.34 25 P 16 36 05.8 +0.1

ISN 22 16:34:50.3,2.4,36.81N,41.82E,h0km,14km
ISC/JB 22 16:34:52.6,0.8,36.53N,0.02,41.62E,0.03,h1km,6km,
Error ellipse: s-maj=4.2km s-min=3.3km az=144.4
NSSC 22 16:34:53.8,1.1,36.72N,41.71E,h24km,5km,MD2.4,
ML3.0

CSEM 22 16:34:54.1,0.2,36.54N,41.71E,h2km,MD3.4,Error
ellipse: s-maj=6.0km s-min=4.3km az=34.0
TEH 22 16:34:54.3,36.69N,41.58E,h5km,ML3.7
ISK 22 16:34:54.3,36.69N,41.58E,h5km,MD3.3
DDA 22 16:35:02.7,36.99N,41.58E,h4km,MD3.4
ISC 22 16:34:52.9,1.2,36.50N,0.02,41.64E,0.02,h3km,10km,
n82,1168/117,Iraq

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC. Lists stations like Kabsdagh, Mardin, Sirmak, etc.

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

CUKAN kangal_SIVAS 4.27 311 I P Pn 16 36 01.4 +2.5
CUKAN 4.30 115 ePn Pn 16 36 02.2 +2.8
IDHR Dehrash 4.30 115 ePn Pn 16 36 02.2 +2.8
ROOS tl_alroos 4.30 237 eP AML AML 16 36 48.4 -1.6

IBST Bostanabad 4.33 74 eP Pn 16 36 01.2 +1.3
IBST Bostanabad 4.33 74 eP Pn 16 36 01.2 +1.3
ANDN Andirin 4.35 285 I P Pg 16 36 14.3 -1.9
ANDN Andin 4.64 110 eP Pn 16 37 08.0 +5.2

WRDH Warideh 4.38 257 eS Sn 16 36 49.6 -2.2
WRDH 4.38 257 eS Sn 16 37 19.4
WRDH comp=N,104nm,0.4s AML AML 16 37 25.8

YAYL Yayladag 4.50 264 I P Pg 16 36 19.1 -0.1
YAYL 4.50 264 I P Pg 16 37 08.3 +0.9
IHRH Heris 4.63 67 eP Pn 16 36 05.1 +1.3
IHRH Heris 4.63 67 eP Pn 16 36 05.1 +1.3

ILIN Lien 4.64 110 ePn Pn 16 36 04.9 +0.8
ILIN Lien 4.64 110 ePn Pn 16 36 04.9 +0.8
ARNB Al Arnab 4.64 263 eP Pn 16 36 03.9 -0.1
ARNB Al Arnab 4.64 263 eP Pn 16 36 03.9 -0.1

IBDR Badra 4.96 133 ePn x 16 36 06.0
IBDR Zalf 5.10 225 ePn Sn 16 36 11.3 +1.1
ZALF Zalf 5.10 225 ePn Sn 16 37 07.0 -2.6

IKOM Komasi 5.37 115 ePn Pn 16 35 52.2 -2.2
SALA Sala 5.61 228 eP Pn 16 36 18.3 +1.0
SALA Sala 5.61 228 eP Pn 16 37 19.5 -2.8

BRBR Barbar 5.65 237 eP Sn 16 36 18.7 +0.8
BRBR Barbar 5.65 237 eP Sn 16 37 20.4 -3.0
BRBR Barbar 5.65 237 eP Sn 16 38 03.4

KRSC 22 16:41:01.0,0.8,50.53N,157.29E,h40km,13km,ML3.6,
Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC. Lists stations like Severo-Kuril', Ruzhetka, etc.

CSEM 22 16:44:56.7,0.6,37.32N,26.87E,h10km,MD2.6,Error
ellipse: s-maj=1.2km s-min=4.0km az=85.0
DDA 22 16:44:58.2,37.32N,26.99E,h7km,MD2.6
ISC 22 16:44:56.2,37.31N,0.05,26.8E,0.02,h18km,10km,
n10,0514/20,Decadence Islands

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

ISK 22 16:52:53.3,38.61N,37.30E,h5km,MD2.7
CSEM 22 16:52:55.0,0.3,38.47N,37.46E,h5km,MD2.7,Error
ellipse: s-maj=8.4km s-min=7.3km az=145.0
DDA 22 16:52:55.9,38.57N,37.36E,h7km,MD2.7
ISC 22 16:52:54.9,1.0,38.58N,0.03,37.37E,0.03,h7km,7km,
n15,0990/25,Turkey

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC. Lists stations like Darende-Malaty, etc.

DARE Darende-Malaty 0.09 94 eP Pg 16 52 56.7 -0.4
DARE Darende-Malaty 0.09 94 eP Pg 16 52 56.7 -0.4
DARE Darende-Malaty 0.09 94 eP Pg 16 52 56.7 -0.4

AGRB Hanur-Agry 3.15 19 ePn Pn 16 35 46.0 +2.4
AGRB Hanur-Agry 3.15 19 ePn Pn 16 35 46.0 +2.4
EZM Erzurum 3.31 356 ePn Pn 16 35 47.9 +2.2
ERZN Zircancan 3.34 334 ePn Pn 16 35 48.3 +2.2

GZT Gaziantep 3.35 284 I P Pn 16 35 53.2 +0.2

AGRB Hanur-Agry 3.15 19 ePn Pn 16 35 46.0 +2.4
AGRB Hanur-Agry 3.15 19 ePn Pn 16 35 46.0 +2.4
EZM Erzurum 3.31 356 ePn Pn 16 35 47.9 +2.2
ERZN Zircancan 3.34 334 ePn Pn 16 35 48.3 +2.2

GZT Gaziantep 3.35 284 I P Pn 16 35 53.2 +0.2

AGRB Hanur-Agry 3.15 19 ePn Pn 16 35 46.0 +2.4
AGRB Hanur-Agry 3.15 19 ePn Pn 16 35 46.0 +2.4
EZM Erzurum 3.31 356 ePn Pn 16 35 47.9 +2.2
ERZN Zircancan 3.34 334 ePn Pn 16 35 48.3 +2.2

GZT Gaziantep 3.35 284 I P Pn 16 35 53.2 +0.2

AGRB Hanur-Agry 3.15 19 ePn Pn 16 35 46.0 +2.4
AGRB Hanur-Agry 3.15 19 ePn Pn 16 35 46.0 +2.4
EZM Erzurum 3.31 356 ePn Pn 16 35 47.9 +2.2
ERZN Zircancan 3.34 334 ePn Pn 16 35 48.3 +2.2

GZT Gaziantep 3.35 284 I P Pn 16 35 53.2 +0.2

AGRB Hanur-Agry 3.15 19 ePn Pn 16 35 46.0 +2.4
AGRB Hanur-Agry 3.15 19 ePn Pn 16 35 46.0 +2.4
EZM Erzurum 3.31 356 ePn Pn 16 35 47.9 +2.2
ERZN Zircancan 3.34 334 ePn Pn 16 35 48.3 +2.2

GZT Gaziantep 3.35 284 I P Pn 16 35 53.2 +0.2

AGRB Hanur-Agry 3.15 19 ePn Pn 16 35 46.0 +2.4
AGRB Hanur-Agry 3.15 19 ePn Pn 16 35 46.0 +2.4
EZM Erzurum 3.31 356 ePn Pn 16 35 47.9 +2.2
ERZN Zircancan 3.34 334 ePn Pn 16 35 48.3 +2.2

GZT Gaziantep 3.35 284 I P Pn 16 35 53.2 +0.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include PINO Pino, YANA Yana, OTAV Otavalo, etc.

BEO 22 19:10.11.9.0.7, 43.12N:17.19E, h6km,3km, ML2.7/1 CSEM 22 19:10.11.8.0.2, 43.08N:17.23E, h2km, ML2.7, Error ellipse: s-maj=5.3km s-min=2.9km az=38.0

PDG 22 19:10.12.2.0.3, 43.05N:17.24E, h13km, ML3.0/12, Error ellipse: s-maj=0.5km s-min=0.4km az=90.0

ISC 22 19:10.12.8.1.2, 43.10N:0.03W, h7km,5km, n69, r121/120, 20C-17Z, Northwestern Balkan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include STON Ston, STON Ston, STON Ston, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include OBKA Obir, OBKA Obir, ZAPS Zavoj, etc.

ICC 22 19:11.44.1.1.0, 14.70N:120.22E, h0km, mb3.7/6, mb1.3.9/6, mb1mx3.6/38, mbtmp3.8/6, Error ellipse: s-maj=61.3km s-min=20.0km az=62.0

MAN 22 19:11.48, 14.73N:119.77E, h105km, mb4.6, MLP3.5, MS3.4

ISC/CJB 22 19:11.50.2.0.7, 14.63N:0.03W, h119.77E:0.09, h54km, 10km, mb3.9/5, Error ellipse: s-maj=14.4km s-min=5.7km az=1.1

ISC 22 19:11.50.5.1.4, 14.86N:0.04W, h19.68E:0.09, h43km, 17km, n17, r155/21, mb3.9/5, 1C-2D, Luzon

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include LUBP Lubang, SCZP Santa Cruz, TGY Tagaytay City, etc.

MOS 22 19:25.35.0.9, 51.78N:179.77W, h84km, mb4.4/16, Error ellipse: s-maj=13.4km s-min=9.8km az=109.6

ISC/CJB 22 19:25.36.1.0, 51.67N:0.06W, h19.88W:0.03, h89km, 2km, mb4.2/40, Error ellipse: s-maj=9.2km s-min=3.0km az=82.0

ICC 22 19:25.36.7.0, 51.76N:179.83W, h83km, 6km, mb3.8/3, mb1.4.0/25, mb1mx3.9/46, mbtmp4.2/25, MS3.8/3, Ms1.3.8/3, ms1mx3.1/48, Error ellipse: s-maj=16.7km s-min=9.9km az=164.0

NEIC 22 19:25.36.2, 51.57N:179.85W, h78km, mb4.4/16, After AIC

ISC 22 19:25.36.7.0, 6.155N:0.09W, h79.88W:0.03, h83km, 4km, n224, r1913/234, mb4.2/40, 8C-8D, Andean Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include CERRA Semis Rag'd T, CEMW Semis Southwe, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include OHAK Old Harbor, KDAK Kodiak Island, KDAK Kodiak Island, etc.

H1N2 WAKE ISLAND Hy 33.51 203 T 20 09 09.1

H1N3 WAKE ISLAND Hy 33.52 203 T 20 09 09.1

H1N1 WAKE ISLAND Hy 33.52 203 T 20 09 09.1

H11S1 WAKE ISLAND Hy 34.73 203 T 20 09 58.2

H11S2 WAKE ISLAND Hy 34.75 203 T 20 10 00.5

H11S3 WAKE ISLAND Hy 34.75 203 T 20 10 00.5

YKA Yellowknife Ar 35.53 47 P 19 32 24.5 -0.7

BOD Bodaibo 37.27 306 P 19 32 38.9 -1.2

G03D McMinnville, O 37.28 77 P 19 32 41.9 +1.6

I03D Drain, OR 38.03 79 P 19 32 48.3 +1.8

G05D Wamic, OR 38.45 76 P 19 32 51.5 +1.3

I04A Tendick Farm, 38.55 78 P 19 32 52.1 +1.1

L02D Gulp Junction, 38.72 81 P 19 32 54.1 +1.7

I05D Terrebonne, OR 38.91 77 P 19 32 55.6 +1.5

KSR5 Korea Array 38.96 270 P 19 32 55.9 +1.4

KSR5 Korea Array 38.96 270 P 19 32 55.9 +1.4

KSR5 Korea Array 38.96 270 P 19 32 55.9 +1.4

KSR5 Korea Array 38.96 270 P 19 32 55.9 +1.4

KSR5 Korea Array 38.96 270 P 19 32 55.9 +1.4

KSR5 Korea Array 38.96 270 P 19 32 55.9 +1.4

KSR5 Korea Array 38.96 270 P 19 32 55.9 +1.4

KSR5 Korea Array 38.96 270 P 19 32 55.9 +1.4

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like BC37 Big Chuckwall, O20A White River Ci, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like KKN Kakani, PKI Pulchoki, PKIN Pulchoki, etc.

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like ISCJB 22, JMA 22, SKHL 22, etc.

Table of astronomical observations for 22d 19h, listing station names (e.g., JIO, HBR, HMR), coordinates, and other parameters.

Main table of astronomical observations for 2010 SEP, listing station names (e.g., FINES, FINES, FINES), coordinates, and other parameters.

Table of astronomical observations for 1048, listing station names (e.g., PAE, PPT2, PPT2), coordinates, and other parameters.

AUSTRALIAN... Error ellipse: s-maj=8.4km s-min=8.0km az=148.0
IDC 22 19:38:42.8-0.4, 16:055x173.174, h0km, mb4.5/25, mb1 4.7/25, mb1mx4.5/45, mbtmp4.5/25, MS4.5/20, N171.0, 6.2/20, ms1mx4.6/22, Error ellipse: s-maj=18.1km s-min=11.9km az=130.0
ISCJB 22 19:38:45.2-0.3, 16:025x173.26W, h26km, mb4.7/44, MS4.6/18, Error ellipse: s-maj=10.8km s-min=5.8km az=143.4
NEIC 22 19:38:48.1-0.2, 16:045x173.21W, h35km, mb4.8/21, Error ellipse: s-maj=11.6km s-min=5.9km az=136.0
GCMT 22 19:38:48.1-0.2, 16:085x172.72W, h34km, MW5.2/81, Moment Tensor Solution. s52, c78; s81, c133; Duration: 0. Moment tensor: Scale 10^19Nm; Mir3.63E+18; M1. 6.9E+17; M2. 5.31E+17; M3. 3.0E+17; M4. 3.14E+12; M5. 3.14E+17; Best double couple: M1:8.6100E+16, M2:1.68.0000E+16, M3:0.0000E+16, M4:0.0000E+16, M5:0.0000E+16; N171.0, 6.2/20, ms1mx4.6/22, Error ellipse: s-maj=18.1km s-min=11.9km az=130.0
Principal axes: T 6.7430, Plg4.9000, Azm32.0000, N 0.2460, Plg38.0000, Azm187.0000, P -6.9800, Plg12.0000, Azm287.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.
ISC 22 19:38:46.7-0.4, 16:075x109.173x10W, h0.008, h26km, n171.0, 6.2/20, ms1mx4.6/22, Error ellipse: s-maj=18.1km s-min=11.9km az=130.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like BSMT Bassoo Peak, DLBC Dease Lake, QLMT Earthquake Lak, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like ALNG Atlantic LNG, ALNG Atlantic LNG, TCE Chacachacare, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like JMA 22 21:09:13.2,0.2,25,08N,122,24E, h38km, M2.5, etc.

22d 22h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SONMG Songoing Array, CMAR Chiang Mai Arr, ZALV Zalesovo Beam, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BCPH Baguio City Da, BOLP Bolinao, BALP Baler, CAUP Cauayan, APYP Conner.

ICD 22:21:29.15.0.1.4, 3.70N, 126.17E, h0km, mb3.7/4, mb1 3.9/4, mb1mx3.4/32, mbtmp3.7/4, MS3.7/1, Ms1 3.7/1, ms1mx2.8/34, Error ellipse: s-maj=87.7km s-min=26.6km az=73.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SGSI Sangihe, TINTI Ternate, CTBH Cotabato-PC H, GTOI Gorontalo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AFSA Coronel Fontan, LPAZ La Paz, SIV San Ignacio, etc.

ICD 22:21:49.44.8.0.9, 34.88S, 72.24W, h0km, mb4.0/6, mb1 3.8/4, mb1mx3.7/25, mbtmp3.8/4, ML3.2/1, Error ellipse: s-maj=88.1km s-min=44.2km az=111.0, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TALC Talca, NICH Los Niches, LACH Col Las Americ, etc.

2010 SEP

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AMOG Mognna, MRA San Martin, FSA Cafayete, etc.

DDA 22:21:59.06.5.37, 67.17N, 36.35E, h3km, MD2.6 CSEM 22:21:59.07.0.2, 37.68N, 36.34E, h1km, 3km, MD2.6, Error ellipse: s-maj=5.8km s-min=5.1km az=113.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ANDN Andirin, KOZT Kozan, KMRS Kahramanmaras, etc.

ICD 22:22:04.49.8.1.4, 9.50S, 113.71E, h0km, mb3.8/7, mb1 3.9/9, mb1mx3.7/44, mbtmp3.8/9, ML3.7/2, MS3.2/3, Ms1 3.2/3, ms1mx2.9/29, Error ellipse: s-maj=55.0km s-min=17.8km az=46.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IGBI Denpasar, ABJI Asem Bagus, BLJI Banyuwangi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SMRI Semarang, BBKI Banjar Baru, BKPI Kappang, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MTN Mantion Dam, MEEK Meekatharra, FAKI Fak Fak, etc.

ISCJB 22:22:12.46.0.9, 47.00N, 0.07x156.56E, 0.2, h18km, mb3.0/7, MS3.3/1, Error ellipse: s-maj=20.0km s-min=6.4km az=22.2

1050

ellipse: s-maj=33.8km s-min=7.0km az=81.8 KRSC 22:22:12.47.2.1, 9.47N, 126.15E, h1km, 10km, ML4.7

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

ISCJB 22:22:30.08.6.1.3, 12.9N, 0.1x91.66W, 0.05, h10km, mb3.2/1, Error ellipse: s-maj=17.2km s-min=6.8km az=2.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IKG Ipxaco, FUG Fuego 3, NBG Las Nubes, SBLs San Blas, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BULB Ulba Tungurahua, BMAS Trigal station, PATI Tungurahua Vol, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ZAAO Zalesovo Array, ZALV Zalesovo Beam, etc.

ISCJB 22 22:38:02.2, 0.9, 32.07N:04:115.04W, 0.06, h13km, 8km, Error ellipse: s-maj=8.3km s-min=6.1km az=154.8

ISCJB 23 00:01:15.2, 0.0, 38.54N:72.42E, h0km, mb3.6, mpv3.3, 7C-10, Error ellipse: s-maj=65.0km s-min=19.5km

MAN 23 00:04:51.0, 1.3, 12.84N:120.74E, h23km, mb4.3, ML3.1, MS2.9, Error ellipse: s-maj=8.3km s-min=5.4km az=177.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. California border region. Includes stations like MBIG Mexicali, MBIG Cerro Prieto, ECXB El Chinero, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LUBP Lubang, SJMP San Jose, SJMP San Jose, etc.

NEIC 22 22:26:09.0, 37.57S:73.62W, h26km, ML4.0(GUC), After GUC.

NEIC 23 00:02:52.9, 0.4, 15.66S:75.15W, h56km, 23km, 9.9, mb1.0/1.1, ms1mx3.9/3.0, mbmp4.1/1.4, ML3.9, MS4.1/1.3, Ms1.4/1.3, ms1mx4.0/2.0, Error ellipse: s-maj=24.9km

NEIC 23 00:02:58.2, 1.4, 15.66S:74.90W, h60km, 12km, mb4.9/1.1, Error ellipse: s-maj=15.1km s-min=8.8km az=81.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Near coast of central Chile. Includes stations like CCSP San Pedro de C, COCH Cobquecura, LNCH Linares, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CFAA Coronel Fontan, CFAA Coronel Fontan, CPUP Villa Florida, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KDI Kendari, BBSI Bau Bau, BBSI Bau Bau, etc.

GUC 22 23:32:31.1, 0.7, 37.65S:73.52W, h39km, 15km, ML3.9, Near coast of central Chile

GUC 22 23:32:31.1, 0.7, 37.65S:73.52W, h39km, 15km, ML3.9, Near coast of central Chile

WEL 23 00:19:34.1, 0.5, 36.71S:177.43E, h154km, 4km, ML3.6/4, Error ellipse: s-maj=7.2km s-min=5.6km az=90.0, Off east coast of North Island

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RKT Rikitea, SMCO Snowmass, PV09 Paredes Valley, etc.

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

IGQ 22 23:35:30.0, 0.6, 0.49N:80.117W, h4km, 4.5km, Mb4.1, 8D, Error ellipse: s-maj=4.4km s-min=1.9km az=19.1, Near coast of Ecuador.

IGQ 22 23:35:30.0, 0.6, 0.49N:80.117W, h4km, 4.5km, Mb4.1, 8D, Error ellipse: s-maj=4.4km s-min=1.9km az=19.1, Near coast of Ecuador.

ISCJB 23 00:25:52.3, 0.4, 50.09N:0.03S, 18.33E:0.03, h0km, Error ellipse: s-maj=4.2km s-min=2.2km az=15.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MAG1 Magdalena, PECV Mancha de Ca P, PINO Pino, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ULM Lac du Bonnet, SNAAS Sanaes, SNAAS Sanaes, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HAZ Te Kaha, TWZ Tauwhareparea, TWZ Urewera, etc.

ISCJB 23 00:25:53.4, 0.2, 50.07N:18.43E, h1km, 2km, ML2.0/3, Error ellipse: s-maj=2.0km s-min=1.1km az=160.0

ISCJB 23 00:25:53.4, 0.2, 50.07N:18.43E, h1km, 2km, ML2.0/3, Error ellipse: s-maj=2.0km s-min=1.1km az=160.0

CSEM 23 00:25:53.1, 0.2, 50.08N:18.37E, h2km, ML2.9/8, Error ellipse: s-maj=4.9km s-min=2.5km az=10.0

ISC 23 00:25:53.0±0.8, 50.008N:0°03'18.42E±0.02, h0km, n39, 0574/74, Poland

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like RAC Raciborz, OKC Ostrava-Krasne, MORC Moravy Berou, etc.

BDFB 5.2nm, 0.7s, baz=250, slow=6.6, SNR=5.6 LR

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TXAR Lajitas Array, TX31 Lajitas Ar. Si, ANMO Albuquerque, etc.

ARCES ARCESS Array B 72.86 341 P P 01 01 33.9 +0.9

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

WEL 23 00:52:05.70±0.1, 43°63'S:172°40'E, h8km, ML3.5/15, 1C-5D, Error ellipse: s-maj=0.6km s-min=0.6km az=90.0, South Island

ISCJCB 23 01:12:56.8±0.6, 6.94S:0°05'130.11E±0.07, h104km, mb4.0/2, Error ellipse: s-maj=10.1km s-min=6.4km

IDC 23 01:12:56.9±0.1, 6.87S:130.21E, h85km, 43km, mb3.8/2, mb1 4.3/6, mb1mx3.6/28, mbtmp4.4/6, Error ellipse: s-maj=42.1km s-min=31.0km az=73.0

DJA 23 01:12:59.1±0.3, 7.2°S:131°0E, h128km, 7km, M4, 6/9, mb4.5/7, mb5.2/3, MLv4.7/9, Mw(mb)4.5/3

ISC 23 01:12:58.5±0.8, 6.84S:0.06:130.08E±0.06, h104km, n16, ±1999/13, Banda Sea

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

ISCJCB 23 01:31:37.1±0.6, 24.90N:0°05:122.32E±0.03, h8km, 5km, Error ellipse: s-maj=8.5km s-min=3.5km az=14.0

JMA 23 01:31:37.2±0.3, 24.84N:122.28E, h1km, 4km, M2.3, TAP 23 01:31:37.9, 24.91N:122.23E, h12km, 1km, ML2.7, D

ISC 23 01:31:37.1±1.0, 24.90N:0°05:122.31E±0.03, h15km±10km, n15, ±060/25, Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TWB1 Santiao Chiao, EGS baz=293, EGS baz=254, etc.

ISCJCB 23 00:26:35.1±0.3, 15.68S:0°05:75.44W±0.07, h26km, mb4.6/24, MS4.2/6, Error ellipse: s-maj=11.2km

NEIC 23 00:26:41.0±1.4, 15.63S:75.32W, h61km, 12km, mb4.7/14, Error ellipse: s-maj=16.3km s-min=8.1km az=59.0

IDC 23 00:26:41.4±2.5, 15.79S:75.37W, h68km, 21km, mb3.9/10, mb1 4.0/13, mb1mx4.0/18, mbtmp4.2/13, MS4.1/9, MS1 4.1/9, ms1mx4.0/18, Error ellipse: s-maj=24.5km s-min=13.8km az=53.0

ISC 23 00:26:37.0±0.5, 15.61S:0°06:75.34W±0.08, h26km, n66, ±1555/57, mb4.6/24, MS4.2/6, 1C, Near coast of Peru

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

IDC 23 00:30:26.2±13.0, 21.29N:143.70E, h253km, 91km, mb3.2/7, mb1 3.2/7, mb1mx3.0/30, mbtmp3.8/7, Error ellipse: s-maj=261.9km s-min=18.6km az=77.0, Mariana Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KRSR Korea Array, SONM Songino Array, WRA Warramunga Arr, etc.

IDC 23 00:50:44.8±0.7, 27.17N:140°33'E, h371km, 7km, mb3.2/10, mb3 3/12, mb1mx3.2/29, mbtmp4.0/12, Error ellipse: s-maj=20.7km s-min=13.3km az=89.0

ISCJCB 23 00:50:45.4±0.6, 27.25N:0°07:140°5E±0.1, h400km, mb3.4/10, Error ellipse: s-maj=17.9km s-min=7.7km az=161.8

JMA 23 00:50:47.1±0.1, 27.47N:140°85'E, h395km, M4.0

ISC 23 00:50:46.9±0.8, 27.31N:0°09:140°6E±0.2, h400km, n23, ±151/24, mb3.6/10, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CBJ1 Chichi jima, CJ1 Chichi jima, JHHU Haha-jima-NKT, etc.

Table with columns for station name, coordinates, and status. Includes stations like BINGHAMTON, STANDING STONE, LISBON, etc.

Table with columns for station name, coordinates, and status. Includes stations like KSP, BRG, UPC, etc.

Table with columns for station name, coordinates, and status. Includes stations like ASAR, PNCL, MORF, etc.

HEL 23 03:53:49.0, 67.60N, 33.94E, h0km, ML1.5, Explosion
NAO 23 03:53:50.1, 67.57N, 33.84E, ML2.2
CSEM 23 03:53:50.3, 1.2, 67.53N, 33.59E, h2km, ML2.2, Error
ellipse: s-maj=22.9km s-min=9.6km az=95.0, Mining
explosion.

ISC 23 03:53:49.9, 2.4, 67.59N, 0.05, 33.7E, 0.1, h0km, n20,
#1814/36, Baltic States - Belarus - Northwestern Russia

Table with columns for Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes stations like APA0, KU6, etc.

NEIC 23 04:10:05.6, 14.20N, 92.05W, h25km, MD4.2(MEX), After
MEX.
MEX 23 04:10:05.6, 0.6, 14.20N, 92.05W, h25km, 34km, MD4.2,
Near coast of Chiapas

Table with columns for Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes stations like PCIG, AREG, etc.

F04D	comp=Z,15nm,0.9s	37.05	76	P	P	05 35 30.2 +1.4
G03D	Rainier, OR baz=37	37.35	77	P	P	05 35 32.9 +1.6
C06D	McMinnville, O baz=37, SNR=11	37.38	72	P	P	05 35 32.2 +0.6
FL2	Leavenworth baz=37, SNR=11	37.39	76	P	P	05 35 32.9 +1.1
TDL	Flat Top 2	37.39	75	P	P	05 35 33.0 +1.2
LON	Tradecollar La Lon	37.43	74	eP	pmx	05 35 32.8 +0.8
LON	comp=Z,92nm,0.7s	37.43	74	eP	P	05 35 32.8 +0.8
MTMW	Longmire comp=Z,22nm,0.7s	37.56	76	P	P	05 35 34.5 +1.3
NLW	Mount Mitchell	37.63	72	P	P	05 35 34.6 +0.8
CBJ	Nelson Butte	37.66	243	eP	P	05 35 34.4 +0.3
CHJ	Chichijima comp=Z,407nm,1.4s	37.66	243	P	P	05 35 35.0 +1.0
COR	Chichijima comp=Z,677nm,0.3s,baz=48,slow=12,SNR=10	37.68	76	eP	pmx	05 35 35.9 +2.0
COR	Corvallis	37.68	76	eP	pmx	05 35 35.9 +2.0
COR	comp=Z,158nm,0.7s	37.66	78	eP	P	05 35 35.9 +2.0
TWW	Corvallis comp=Z,158nm,0.7s	37.79	73	P	P	05 35 36.4 +1.3
KSKC	Teanaway	37.79	73	P	P	05 35 36.4 +1.3
KSBK	Sokcho SNR=8	37.89	269	P	P	05 35 37.3 +1.4
KEBM	Edsott Butte comp=Z,234nm,1.0s	37.98	81	eP	P	05 35 38.8 +2.1
WTV	Waterville	38.05	72	eP	P	05 37 50.0 +1.5
I03D	Drain, OR baz=38, SNR=79	38.12	80	P	P	05 35 37.5 +0.3
VLL	Kilauea Lake	38.17	76	P	P	05 35 39.6 +1.3
KSJA	INJE SNR=8.3	38.33	269	P	P	05 35 40.9 +1.3
KSTBA	Taebek SNR=7.5	38.36	267	P	P	05 35 41.3 +1.3
VFP	Flag Point	38.38	76	P	P	05 35 41.1 +1.0
KBO	Bosley Butte comp=Z,340nm,1.4s	38.41	82	eP	P	05 35 42.6 +2.2
KBO	Wamic, OR baz=38, SNR=87	38.50	76	eP	P	05 36 17.7 +0.3
G05D	Tendick Farm, baz=38, SNR=162	38.50	76	eP	P	05 35 42.3 +1.2
I04A	Cheowon SNR=18	38.64	270	P	P	05 35 43.5 +1.4
KSCH	Chuncheon SNR=17	38.65	269	P	P	05 35 43.7 +1.5
KSRS	Korea Array comp=Z,35nm,1.0s,baz=56,slow=8.0,SNR=50	38.78	269	P	P	05 35 43.9 +1.7
KSR	comp=Z,6.0nm,1.0s,baz=54,slow=6.7,SNR=1.7	38.78	269	P	P	05 35 44.6 +1.3
KSR	comp=Z,3.0nm,0.7s,baz=66,slow=4.0,SNR=5.3	38.78	269	P	P	05 36 20.7 +0.3
KSR	comp=Z,2.7nm,0.7s,baz=60,slow=4.4,SNR=6.7	38.78	269	P	P	05 37 52.4 +1.4
KSR	comp=Z,1.58nm,22.0s,baz=54,slow=34	38.78	269	P	P	05 41 22.8 +0.2
KSR	Korea Array	38.78	269	P	P	05 50 16.0
KSR	comp=Z,35nm,1.0s					05 35 44.6 +1.3
KSR	comp=Z,6.0nm,1.0s					05 36 20.7 +0.3
KSR	comp=Z,3.0nm,0.7s					05 37 52.4
KSR	comp=Z,2.7nm,0.7s					05 41 22.8
KSR	comp=Z,1.58nm,22.0s					05 50 16.0
KSR	comp=Z,35nm,1.0s					05 35 44.6 +1.3
KSR	comp=Z,6.0nm,1.0s					05 36 20.7 +0.3
KSR	comp=Z,3.0nm,0.7s					05 37 52.4
KSR	comp=Z,2.7nm,0.7s					05 41 22.8
KSR	comp=Z,1.58nm,22.0s					05 50 16.0
KSR	comp=Z,35nm,1.0s					05 35 44.6 +1.3
KSR	comp=Z,6.0nm,1.0s					05 36 20.7 +0.3
KSR	comp=Z,3.0nm,0.7s					05 37 52.4
KSR	comp=Z,2.7nm,0.7s					05 41 22.8
KSR	comp=Z,1.58nm,22.0s					05 50 16.0
KSR	comp=Z,35nm,1.0s					05 35 44.6 +1.3
KSR	comp=Z,6.0nm,1.0s					05 36 20.7 +0.3
KSR	comp=Z,3.0nm,0.7s					05 37 52.4
KSR	comp=Z,2.7nm,0.7s					05 41 22.8
KSR	comp=Z,1.58nm,22.0s					05 50 16.0
KSR	comp=Z,35nm,1.0s					05 35 44.6 +1.3
KSR	comp=Z,6.0nm,1.0s					05 36 20.7 +0.3
KSR	comp=Z,3.0nm,0.7s					05 37 52.4
KSR	comp=Z,2.7nm,0.7s					05 41 22.8
KSR	comp=Z,1.58nm,22.0s					05 50 16.0
KSR	comp=Z,35nm,1.0s					05 35 44.6 +1.3
KSR	comp=Z,6.0nm,1.0s					05 36 20.7 +0.3
KSR	comp=Z,3.0nm,0.7s					05 37 52.4
KSR	comp=Z,2.7nm,0.7s					05 41 22.8
KSR	comp=Z,1.58nm,22.0s					05 50 16.0
KSR	comp=Z,35nm,1.0s					05 35 44.6 +1.3
KSR	comp=Z,6.0nm,1.0s					05 36 20.7 +0.3
KSR	comp=Z,3.0nm,0.7s					05 37 52.4
KSR	comp=Z,2.7nm,0.7s					05 41 22.8
KSR	comp=Z,1.58nm,22.0s					05 50 16.0
KSR	comp=Z,35nm,1.0s					05 35 44.6 +1.3
KSR	comp=Z,6.0nm,1.0s					05 36 20.7 +0.3
KSR	comp=Z,3.0nm,0.7s					05 37 52.4
KSR	comp=Z,2.7nm,0.7s					05 41 22.8
KSR	comp=Z,1.58nm,22.0s					05 50 16.0
KSR	comp=Z,35nm,1.0s					05 35 44.6 +1.3
KSR	comp=Z,6.0nm,1.0s					05 36 20.7 +0.3
KSR	comp=Z,3.0nm,0.7s					05 37 52.4
KSR	comp=Z,2.7nm,0.7s					05 41 22.8
KSR	comp=Z,1.58nm,22.0s					05 50 16.0
KSR	comp=Z,35nm,1.0s					05 35 44.6 +1.3
KSR	comp=Z,6.0nm,1.0s					05 36 20.7 +0.3
KSR	comp=Z,3.0nm,0.7s					05 37 52.4
KSR	comp=Z,2.7nm,0.7s					05 41 22.8
KSR	comp=Z,1.58nm,22.0s					05 50 16.0
KSR	comp=Z,35nm,1.0s					05 35 44.6 +1.3
KSR	comp=Z,6.0nm,1.0s					05 36 20.7 +0.3
KSR	comp=Z,3.0nm,0.7s					05 37 52.4
KSR	comp=Z,2.7nm,0.7s					05 41 22.8
KSR	comp=Z,1.58nm,22.0s					05 50 16.0
KSR	comp=Z,35nm,1.0s					05 35 44.6 +1.3
KSR	comp=Z,6.0nm,1.0s					05 36 20.7 +0.3
KSR	comp=Z,3.0nm,0.7s					05 37 52.4
KSR	comp=Z,2.7nm,0.7s					05 41 22.8
KSR	comp=Z,1.58nm,22.0s					05 50 16.0
KSR	comp=Z,35nm,1.0s					05 35 44.6 +1.3
KSR	comp=Z,6.0nm,1.0s					05 36 20.7 +0.3
KSR	comp=Z,3.0nm,0.7s					05 37 52.4
KSR	comp=Z,2.7nm,0.7s					05 41 22.8
KSR	comp=Z,1.58nm,22.0s					05 50 16.0
KSR	comp=Z,35nm,1.0s					05 35 44.6 +1.3
KSR	comp=Z,6.0nm,1.0s					05 36 20.7 +0.3
KSR	comp=Z,3.0nm,0.7s					05 37 52.4
KSR	comp=Z,2.7nm,0.7s					05 41 22.8
KSR	comp=Z,1.58nm,22.0s					05 50 16.0
KSR	comp=Z,35nm,1.0s					05 35 44.6 +1.3
KSR	comp=Z,6.0nm,1.0s					05 36 20.7 +0.3
KSR	comp=Z,3.0nm,0.7s					05 37 52.4
KSR	comp=Z,2.7nm,0.7s					05 41 22.8
KSR	comp=Z,1.58nm,22.0s					05 50 16.0
KSR	comp=Z,35nm,1.0s					05 35 44.6 +1.3
KSR	comp=Z,6.0nm,1.0s					05 36 20.7 +0.3
KSR	comp=Z,3.0nm,0.7s					05 37 52.4
KSR	comp=Z,2.7nm,0.7s					05 41 22.8
KSR	comp=Z,1.58nm,22.0s					05 50 16.0
KSR	comp=Z,35nm,1.0s					05 35 44.6 +1.3
KSR	comp=Z,6.0nm,1.0s					05 36 20.7 +0.3
KSR	comp=Z,3.0nm,0.7s					05 37 52.4
KSR	comp=Z,2.7nm,0.7s					05 41 22.8
KSR	comp=Z,1.58nm,22.0s					05 50 16.0
KSR	comp=Z,35nm,1.0s					05 35 44.6 +1.3
KSR	comp=Z,6.0nm,1.0s					05 36 20.7 +0.3
KSR	comp=Z,3.0nm,0.7s					05 37 52.4
KSR	comp=Z,2.7nm,0.7s					05 41 22.8
KSR	comp=Z,1.58nm,22.0s					05 50 16.0
KSR	comp=Z,35nm,1.0s					05 35 44.6 +1.3
KSR	comp=Z,6.0nm,1.0s					05 36 20.7 +0.3
KSR	comp=Z,3.0nm,0.7s					05 37 52.4
KSR	comp=Z,2.7nm,0.7s					05 41 22.8
KSR	comp=Z,1.58nm,22.0s					05 50 16.0
KSR	comp=Z,35nm,1.0s					05 35 44.6 +1.3
KSR	comp=Z,6.0nm,1.0s					05 36 20.7 +0.3
KSR	comp=Z,3.0nm,0.7s					05 37 52.4
KSR	comp=Z,2.7nm,0.7s					05 41 22.8
KSR	comp=Z,1.58nm,22.0s					05 50 16.0
KSR	comp=Z,35nm,1.0s					05 35 44.6 +1.3
KSR	comp=Z,6.0nm,1.0s					05 36 20.7 +0.3
KSR	comp=Z,3.0nm,0.7s					05 37 52.4
KSR	comp=Z,2.7nm,0.7s					05 41 22.8
KSR	comp=Z,1.58nm,22.0s					05 50 16.0
KSR	comp=Z,35nm,1.0s					05 35 44.6 +1.3
KSR	comp=Z,6.0nm,1.0s					05 36 20.7 +0.3
KSR	comp=Z,3.0nm,0.7s					05 37 52.4
KSR	comp=Z,2.7nm,0.7s					05 41 22.8
KSR	comp=Z,1.58nm,22.0s					05 50 16.0
KSR	comp=Z,35nm,1.0s					05 35 44.6 +1.3
KSR	comp=Z,6.0nm,1.0s					05 36 20.7 +0.3
KSR	comp=Z,3.0nm,0.7s					05 37 52.4
KSR	comp=Z,2.7nm,0.7s					05 41 22.8
KSR	comp=Z,1.58nm,22.0s					05 50 16.0
KSR	comp=Z,35nm,1.0s					05 35 44.6 +1.3
KSR	comp=Z,6.0nm,1.0s					05 36 20.7 +0.3
KSR	comp=Z,3.0nm,0.7s					05 37 52.4
KSR	comp=Z,2.7nm,0.7s					05 41 22.8
KSR	comp=Z,1.58nm,22.0s					05 50 16.0
KSR	comp=Z,35nm,1.0s					05 35 44.6 +1.3
KSR	comp=Z,6.0nm,1.0s					05 36 20.7 +0.3
KSR	comp=Z,3.0nm,0.7s					05 37 52.4
KSR	comp=Z,2.7nm,0.7s					05 41 22.8
KSR	comp=Z,1.58nm,22.0s					05 50 16.0
KSR	comp=Z,35nm,1.0s					05 35 44.6 +1.3
KSR	comp=Z,6.0nm,1.0s					05 36 20.7 +0.3
KSR	comp=Z,3.0nm,0.7s					05 37 52.4
KSR	comp=Z,2.7nm,0.7s					05 41 22.8
KSR	comp=Z,1.58nm,22.0s					05 50 16.0
KSR	comp=Z,35nm,1.0s					05 35 44.6 +1.3
KSR	comp=Z,6.0nm,1.0s					05 36 20.7 +0.3
KSR	comp=Z,3.0nm,0.7s					05 37 52.4
KSR	comp=Z,2.7nm,0.7s					05 41 22.8
KSR	comp=Z,1.58nm,22.0s					05 50 16.0
KSR	comp=Z,35nm,1.0s					05 35 44.6 +1.3
KSR	comp=Z,6.0nm,1.0s					05 36 20.7 +0.3
KSR	comp=Z,3.0nm,0.7s					05 37 52.4
KSR	comp=Z,2.7nm,0.7s					05 41 22.8
KSR	comp=Z,1.58nm,22.0s					05 50 16.0
KSR	comp=Z,35nm,1.0s					05 35 44.6 +1.3
KSR	comp=Z,6.0nm,1.0s					05 36 20.7 +0.3
KSR	comp=Z,3.0nm,0.7s					05 37 52.4
KSR	comp=Z,2.7nm,0.7s					05 41 22.8
KSR	comp=Z,1.58nm,22.0s					05 50 16.0
KSR	comp=Z,35nm,1.0s					05 35 44.6 +1.3
KSR	comp=Z,6.0nm,1.0s					05 36 20.7 +0.3
KSR	comp=Z,3.0nm,0.7s					05 37 52.4
KSR	comp=Z,2.7nm,0.7s					05 41 22.8
KSR	comp=Z,1.58nm,22.0s					05 50 16.0
KSR	comp=Z,35nm,1.0s					05 35 44.6 +1.3
KSR	comp=Z,6.0nm,1.0s					05 36 20.7 +0.3
KSR	comp=Z,3.0nm,0.7s					05 37 52.4
KSR	comp=Z,2.7nm,0.7s					05 41 22.8
KSR						

23d 5h

2010 SEP

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Table with columns for station ID, name, coordinates, and various performance metrics (e.g., SNR, error rates).

Table with columns for station ID, name, coordinates, and various performance metrics (e.g., SNR, error rates).

Table with columns for station ID, name, coordinates, and various performance metrics (e.g., SNR, error rates).

O28A	Krutsinger Ran	53.08	70	P	P	05 37 35.3 +0.1
TPUB	Ta-pu	53.14	261	eP	P	05 37 35.5 -0.2
OZH	comp-Z,144nm,1.4s					
OZH	Quanzhou	53.16	264	P	S	05 37 36.8 +1.0
OZH					S	05 44 55.1 +2.2
OZH					sS	05 46 02.3 +1.2
K31A	comp-Z,280nm,1.2s					
O'Neill	baz=53,SNR=11	53.17	66	P	P	05 37 35.4 -0.3
J32A	Parkston	53.20	64	P	P	05 37 34.8 -1.1
G34A	Benson	53.20	61	P	P	05 37 35.0 -0.8
M30A	Dale-Ortello V	53.25	67	P	P	05 37 36.4 0.0
D36A	Goodland	53.27	58	P	P	05 37 36.0 -0.4
N29A	Votaw Ranch, W	53.29	69	P	P	05 37 36.4 -0.3
R26A	Arlington	53.31	73	P	P	05 37 37.5 +0.6
ILULI	O'Neill	53.31	20	iP	P	05 37 36.4 +0.1
KSC0	Kaye Shedlock	53.32	72	P	P	05 37 37.4 +0.4
KSC0	Kaye Shedlock	53.32	72	eP	P	05 37 37.9 +0.9
I33A	Coleman	53.34	63	P	P	05 37 36.0 -1.0
F35A	Swanville	53.38	60	P	P	05 37 36.4 -0.7
L31A	Butterfield Fa	53.42	66	P	P	05 37 37.4 -0.2
C37A	Embarrass	53.43	57	P	P	05 37 37.0 -0.5
P28A	Saint Francis	53.46	70	P	P	05 37 38.4 +0.4
H34A	Spellman Lake,	53.50	62	P	P	05 37 37.2 -0.8
T25A	Trinidad	53.51	74	P	P	05 37 39.3 +0.7
K32A	Verdigre	53.59	65	P	P	05 37 37.8 -0.9
N30A	Hueffle Ranch,	53.60	68	P	P	05 37 38.7 -0.3
ECSD	EROS Data Cent	53.64	63	P	P	05 37 38.2 -1.0
ECSD	EROS Data Cent	53.64	63	eP	P	05 37 38.0 -1.1
ECSD	comp-Z,65nm,1.1s					
EYMN	Ely	53.65	57	P	PcP	05 38 42.9 -0.2
EYMN	Ely	53.65	57	eP	ScP	05 42 22.3 -1.9
EYMN	Ely	53.65	57	eP	ScP	05 37 38.6 -0.4
EYMN	Ely	53.65	57	eP	P	05 37 38.9 -0.2
O29A	4D Ranch, Culb	53.65	69	P	P	05 37 39.4 +0.1
D37A	Cotton	53.67	58	P	P	05 37 38.9 -0.4
R27A	Eads	53.70	72	P	P	05 37 40.2 +0.5
J33A	Davis	53.72	64	P	P	05 37 38.8 -0.9
LAZ	Ladron	53.73	79	eP	P	05 37 41.6 +1.5
S26A	Kim	53.75	73	P	P	05 37 40.0 -0.2
O28A	Sharon Springs	53.75	71	P	P	05 37 40.5 +0.4
ANMO	Albuquerque	53.77	78	iP	P	05 37 40.9 +0.5
ANMO	Albuquerque	53.77	78	eP	P	05 37 41.0 +0.7
ANMO	Albuquerque	53.77	78	eP	P	05 38 45.4 +1.3
G35A	Watkins	53.84	61	P	PcP	05 37 39.8 -0.7
I34A	Hadley	53.86	63	P	P	05 37 39.9 -0.8
M31A	Lambrecht Ranc	53.88	67	P	P	05 37 40.5 -0.4
C38A	Sawbill Land,	53.91	57	P	P	05 37 40.7 -0.3
P29A	Atwood	53.91	70	P	P	05 37 41.6 +0.3
F36A	Milaca	53.93	60	P	P	05 37 40.4 -0.7
T26A	Comanche Natio	53.97	74	P	P	05 37 42.0 +0.1
L32A	Elgin	54.00	66	P	P	05 37 41.6 -0.2
O30A	MW Ranch, Wils	54.04	69	P	P	05 37 42.1 0.0
S27A	Las Animas	54.04	73	P	P	05 37 42.6 +0.3
Y22D	IRIS PASSCAL I	54.08	79	P	P	05 37 44.2 +1.6
LPM	Los Pinos Moun	54.09	79	eP	P	05 37 43.8 +1.1
LPM	comp-Z,42nm,0.8s					
K33A	Hardington	54.17	65	P	PP	05 39 46.4 +0.6
G36A	St. Michael	54.22	60	P	P	05 37 43.0 -0.2
N31A	Bailey Ranch,	54.24	68	P	P	05 37 43.1 -0.4
R28A	Tribune	54.24	72	P	P	05 37 43.7 +0.1
J34A	George	54.30	63	P	P	05 37 42.9 -0.9
L33A	Hoskins	54.30	65	P	P	05 37 43.0 -0.9
BGNE	Belgrade	54.31	67	P	P	05 37 43.7 -0.3
BGNE	Belgrade	54.31	67	eP	P	05 37 44.0 -0.1
BGNE	Belgrade	54.31	67	eP	PcP	05 38 45.5 -0.2
LZH	Lanzhou	54.34	285	iP	PP	05 37 46.1 +1.6
LZH					PP	05 38 26.6 +2.8
LZH					PP	05 39 51.3 +3.3
LZH					S	05 45 09.8 +0.9
LZH					sS	05 46 15.3 -1.0
LZH					SS	05 48 52.0 -1.0
LZH	comp-Z,71nm,1.0s					
LZH	comp-Z,230nm,4.0s					
P30A	Selden	54.35	70	P	P	05 37 44.3 0.0
O29A	Oakley	54.36	71	P	P	05 37 44.7 +0.2
I35A	Creekview Farm	54.46	62	P	P	05 37 44.4 -0.6
O31A	Woolen Ranch,	54.47	68	P	P	05 37 45.0 -0.3
GTA	Gaotai	54.48	290	iP	P	05 37 45.9 +0.5
GTA					PP	05 38 24.6 -0.1
GTA					sP	05 38 43.0 -0.8
GTA					ScP	05 42 27.8 -0.3
GTA					S	05 45 10.8 +0.2
GTA					sS	05 46 19.5 +0.5
GTA					SS	05 48 55.9 +1.0
GTA	comp-Z,61nm,1.0s					
GTA	comp-Z,140nm,5.1s					
GTA	comp-Z,530nm,18.1s					
GTA	comp-Z,390nm,18.5s					
T27A	Campo	54.56	73	P	P	05 37 46.1 +0.1
R29A	Marienthal	54.58	71	P	P	05 37 46.3 +0.2
K34A	Le Mars	54.62	64	P	P	05 37 45.9 -0.3
121A	Cookes Peak, D	54.62	81	P	P	05 37 47.4 +0.9
121A	Cookes Peak, D	54.62	81	eP	P	05 37 47.7 +1.1
N32A	Stulken Farm,	54.66	67	P	P	05 37 46.2 -0.3
J35A	Milford	54.66	63	P	P	05 37 46.0 -0.5

S28A	Manter	54.69	72	P	P	05 37 47.5 +0.6
SPMN	St. Paul	54.73	60	P	P	05 37 46.7 -0.2
SPMN	St. Paul	54.73	60	eP	P	05 37 46.9 -0.1
M33A	Taylor Creek F	54.74	66	P	P	05 37 46.7 -0.4
Q30A	Quinter	54.74	70	P	P	05 37 47.3 +0.1
P31A	Stockton	54.86	69	P	P	05 37 48.0 0.0
I36A	Fit Simmons Fa	54.88	62	P	P	05 37 47.4 -0.6
T28A	Walsh	54.88	73	P	P	05 37 48.2 -0.1
L34A	Svensden Farm,	54.94	65	P	P	05 37 47.7 -0.8
U27A	Thompson Grove	54.94	74	P	P	05 37 48.6 -0.1
O32A	Brockman Farm,	55.00	68	P	P	05 37 48.1 -0.9
K35A	Storm Lake	55.07	64	P	P	05 37 48.5 -0.9
CBKS	Cedar Bluff	55.13	70	eP	P	05 37 50.3 +0.3
CBKS	Cedar Bluff	55.13	70	P	P	05 37 50.2 +0.3
CBKS	Cedar Bluff	55.13	70	eP	P	05 37 50.3 +0.3
M34A	Aspy Farms, Fr	55.13	65	P	P	05 37 49.2 -0.7
S29A	Ulysses	55.13	72	P	P	05 37 50.0 0.0
N33A	J Bar K, Exete	55.15	67	P	P	05 37 49.5 -0.5
R30A	Dighton	55.17	71	P	P	05 37 50.2 -0.1
Q31A	Ellis	55.20	69	P	P	05 37 50.2 -0.2
SFJD	Kangerlussuaq	55.22	22	iP	P	05 37 50.2 +0.1
SFJD	Kangerlussuaq	55.22	22	eP	P	05 37 50.4 +0.3
SFJD	Kangerlussuaq	55.22	22	eP	P	05 37 50.4 +0.3
P32A	Hutting Farm,	55.24	68	P	P	05 37 50.2 -0.5
L35A	Bielow Farm, R	55.30	64	P	P	05 37 50.1 -1.0
U28A	Mallet	55.32	74	P	P	05 37 51.3 -0.1
T29A	Hugoton	55.34	72	P	P	05 37 51.6 0.0
V27A	Dan Oppiger Fa	55.38	75	P	P	05 37 52.2 +0.3
S30A	Montezuma	55.50	71	P	P	05 37 52.7 0.0
O33A	Hebron	55.52	67	P	P	05 37 52.2 -0.5
R31A	Buider	55.61	70	P	P	05 37 53.1 -0.2
N34A	Lincoln	55.62	66	P	P	05 37 52.9 -0.5
M35A	Neosho	55.65	65	P	P	05 37 53.7 +0.1
Q32A	Meitler Ranch,	55.69	69	P	P	05 37 54.0 0.0
V28A	Channing	55.75	74	P	P	05 37 54.5 0.0
U29A	Oasis Ranch, S	55.83	73	P	P	05 37 55.1 +0.1
T30A	Plains	55.86	72	P	P	05 37 55.1 -0.1
P33A	Williams Farm,	55.88	68	P	P	05 37 55.1 -0.2
O34A	Beatrice	55.95	67	P	P	05 37 55.0 -0.7
R32A	Long Quarter,	55.99	70	P	P	05 37 55.8 -0.2
COWI	Conover	56.08	57	eP	P	05 37 56.4 -0.1
V29A	Stinock	56.08	74	P	P	05 37 56.8 -0.1
S31A	Mullinville	56.08	71	P	P	05 37 56.4 -0.3
N35A	Tabor	56.09	65	P	P	05 37 56.7 0.0
W28A	Vega	56.10	75	P	P	05 37 57.3 +0.3
Q33A	Connelly Farm,	56.10	69	P	P	05 37 56.5 -0.3
U30A	WK&E Inc. Balk	56.15	73	P	P	05 37 57.2 -0.1
HAMF	Hammerfest	56.28	351	eP	P	05 37 56.6 -1.0
P34A	Walnut Farm, R	56.30	67	P	P	05 37 57.5 -0.7
T31A	Randall Ranch,	56.33	71	P	P	05 37 58.1 -0.4
O35A	Humboldt	56.34	66	P	P	05 37 57.5 -1.0
S32A	Newby Ranch, P	56.35	70	P	P	05 37 58.3 -0.3
R33A	Olander Ranch,	56.48	69	P	P	05 37 59.0 -0.6
W29A	Amarillo	56.52	74	P	P	05 37 59.8 -0.2
X28A	Dimmitt	56.61	75	P	P	05 38 00.6 0.0
SCO	Scorebysund	56.64	9	iP	P	05 38 00.4 +0.3
SCO	Scorebysund	56.64	9	iP	P	05 38 00.4 +0.3
CPRX	Cap Rock	56.64	78	eP	P	05 38 01.5 +0.6
MSTX	Muleshoe	56.65	76	P	P	05 38 01.0 +0.1
V30A	Muleshoe	56.65	76	eP	P	05 38 01.1 +0.2
MSTX	Muleshoe	56.65	73	P	P	05 37 59.9 -0.9
MNTX	Cornudas Mount	56.66	80	P	P	05 38 02.1 +1.2
MNTX	Cornudas Mount	56.66	80	eP	P	05 38 01.8 +0.9
Q34A	Chapman	56.66	68	P	P	05 38 00.4 -0.5
AMTX	Amarillo	56.67	75	P	P	05 38 01.6 +0.6
AMTX	Amarillo	56.67	75	eP	P	05 38 01.6 +0.6
T32A	Hueder Ranch,	56.71	71	P	P	05 38 00.5 -0.7
U31A	Nine Bar Ranch	56.72	72	P	P	05 38 01.0 -0.3
SCIA	Star Center	56.73	63	eP	P	05 38 01.2 0.0
KSU1	Kansas State U	56.73	68	P	P	05 38 00.4 -0.8
KSU1	Kansas State U	56.73	68	eP	P	05 38 00.5 -0.8
P35A	Duane Min					

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Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes entries like 230A Sterling City, 330A Mertzson, 331A San Angelo, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes entries like 136A Ennis, 337A Pop Cattac, 338A Katerine and, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other technical details. Includes entries like 835A Beeville, 637A Eagle Lake, 340A Bronson, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like KSH, PMG, VSU, CBN, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like CHBT, SUW, PMOR, PCI, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes stations like OKC, Ostrava-Krasne, MORC, etc.

Table with columns: MOA, Mollin, 79.58 350, P, 05 40 23.8 +0.5, etc. Lists various astronomical observations with coordinates and magnitudes.

Table with columns: SRML, Srisailam, 83.97 288, eP, I/Amb, 05 40 46.2 -0.5, etc. Lists astronomical observations with coordinates and magnitudes.

Table with columns: VNA1, Neumayer-Stat, 161.10 172, P, PKPab, 05 48 58.9 +0.9, etc. Lists astronomical observations with coordinates and magnitudes.

NSSP 23 05:28:42.1, 0.1, 27N-46:17E, h10km, Ms3.8
AZER 23 05:28:42.1, 0.0, 41:36N-46:22E, h12km, Error ellipse:
s-maj=1.0km s-min=0.6km az=332.0
TIF 23 05:28:43.4, 0.1, 37N-46:20E, h20km, 1km
MOS 23 05:28:43.1, 0.8, 41:30N-46:20E, h5km, mb4.3/1, Error
ellipse: s-maj=7.7km s-min=5.2km az=102.4
CSEM 23 05:28:43.0, 4.0, 41:37N-46:22E, h2km, mb4.3, Error
ellipse: s-maj=3.1km s-min=2.8km az=12.0
ISC 23 05:28:42.8, 0.7, 41:35N-01:46E, h22E, 0.01, h10km, 6km,
n141, r193/224, 27C-27D, Eastern Caucasus

23d 7h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ILAR Eielson Array, CMAR Chiang Mai Arr, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VOIR GERES, DAVOX Davos/Dischmat, TOROD Torodi Arr, etc.

CSEM 23 06:46:28.7, 43.02N, 12.98E, h12km, MD1.8/4 ROM 23 06:46:28.7, 43.02N, 12.98E, h12km, MD1.8/4, M11.1/1, Error ellipse: s-maj=2.4km s-min=1.5km az=92.0, Central Italy

ISCJB 23 06:53:45.7, 0.5, 8.00S, 0.05x118.54E, 0.05, h10km, mb4.0/5, MS4.1/3, Error ellipse: s-maj=8.4km s-min=5.9km az=140.3

IDC 23 06:53:45.4, 1.0, 7.96S, 118.62E, h0km, mb4.0/5, mb1.4/0.8, mb1mx3.9/8, ML3.7/3, MS3.9/4, Ms1 3.9/4, ms13.2/40, Error ellipse: s-maj=29.6km s-min=15.6km az=85.0

DJA 23 06:53:48.8, 0.3, 8.54x11.8E, h10km, M4.1/11, ML4.1/11

ISC 23 06:53:45.9, 0.7, 7.96S, 0.04x118.59E, 0.04, h10km, n25, s186/23, mb4.1/5, MS4.1/3, Flores Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WBSI Waikabubak, WSI Waingapu, BSSI Bau Bau, etc.

ISCJB 23 07:16:07.3, 0.8, 9.07S, 0.07x114.12E, 0.08, h82km, mb3.8/7, Error ellipse: s-maj=11.9km s-min=10.0km az=157.1

NEIC 23 07:16:08.0, 1.6, 9.15S, 113.99E, h80km, 12km, mb4.1/2, Error ellipse: s-maj=28.1km s-min=9.5km az=51.0

IDC 23 07:16:08.5, 1.2, 9.06S, 114.09E, h82km, 10km, mb3.5/5, mb1 3.7/7, mb1mx3.4/11, mbtpm3.9/7, MS3.8/1, Ms1 3.8/1, ms1mx2.7/24, Error ellipse: s-maj=23.8km s-min=15.8km az=54.0

ISC 23 07:16:08.5, 0.8, 9.07S, 0.09x114.07E, 0.09, h82km, n13, s102/19, mb3.8/7, South of Bali

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JAGI Jagaj, KAPI Kappang, FITZ Fitzroy Crossi, etc.

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Table with columns: WRAB Tennant Creek, ASAR Alice Springs, ASAR, KRSR Korea Array, SONM Songoing Array, SONM, MKAR Makanchi Array, ABKAR Akbul array, BRTR Kerkul array

NEIC 23 07:20:40.0, 36.72S, 72.88W, h33km, ML4.4(GUC), After GUC

NEIC Feit [IV] at Concepcion, Hualpen, Penco, Talcahuano and Tomo; [III] at Cabrero, La Laja and San Rosendo; [II] at Apol

GUC 23 07:20:40.0, 19.0, 5.267S, 72.88W, h33km, 1km, ML4.4, 1C-1D, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CCSF San Pedro de C, COCH Cobquecura, COCH, LNCH Linares, LNCH, TALC Talca, U65B Hualae0, U65B, U65B, U73B Los Niches, U73B San Pedro, U73B, VLCH Valdivia, VLCH, PEL Peldehue, TRQA Torquinet, TRQA, LVC Limon Verde

ISCJB 23 07:22:34.7, 0.4, 39.69N, 0.03x29.46E, 0.03, h0km, Error ellipse: s-maj=3.7km s-min=3.5km az=152.7

DDA 23 07:22:35.0, 39.69N, 29.42E, h7km, MD2.7 CSEM 23 07:22:34.7, 0.2, 39.69N, 29.46E, h1km, MD2.6, Error ellipse: s-maj=5.3km s-min=4.7km az=169.0, Mining explosion

ISK 23 07:22:36.0, 39.78N, 29.37E, h26km, MD2.6

ISC 23 07:22:34.7, 0.8, 39.67N, 0.03x29.43E, 0.02, h0km, n32, s078/50, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ULDT Uludag, ULDT, ULDT, ORLNT Orhaneli, ORLNT, ORLNT, ORLNT, DST Dursunbey, DST, DST, IZNI Iznik, IZNI, IZNI, DURS Dursunbey, DURS, DURS, DURS, ADVT Abdulvahap, ADVT, ADVT, BORA Eskisehir, BORA, BORA, KCTX Karacabey (Bur), KCTX, KCTX, SEYT Eskypehr, SEYT, SEYT, SEYT, GULV Gulveren, GULV, GULV, KHAL Karahalli, KHAL, KHAL, KULA Kula-Manisa, KULA, KULA, MANT Manisa, MANT, MANT, MANT, GONE Gonen-Balikesi, GONE, GONE, MDUB Mudurnu, MDUB, MDUB, SVRH Sivrihisar-ESK, SVRH, SVRH

NEIC 23 07:25:31.6, 19.011N, 67.23W, h9km, MD3.2(RSPR), After RSPR

RSPR 23 07:25:31.6, 19.011N, 67.23W, h9km, 3km, MD3.2/12, 16C-7D, Mona Passage

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AGPR Aguadilla, AGPR, AGPR, IDE Isla Descecho, IDE, IDE, IDE, MPR Mayaguez, MPR, MPR, MPR, AOPR Arecibo Observ, AOPR, AOPR, LRS Lares, LRS, LRS, LSP Las Mesas, LSP, LSP, CRPR Cabo Rojo, CRPR, CRPR, CRPR, CELP Cerrillos, CELP, CELP, CELP, OBIP Obispado Ponce, OBIP, OBIP, OBIP, ICOMP Isla Caja de M

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Table with columns: SJJG San Juan, SJJG San Juan, SJJG San Juan, SJJG Cerro La Pandu, CPD Cerro La Pandu, SMN1 Samana, DR, SMN1 Presa de Saban, SDDR

ISCJB 23 07:26:58.9, 0.5, 24.77N, 0.03x121.97E, 0.02, h86km, 4km, Error ellipse: s-maj=5.4km s-min=2.8km az=162.9

JMA 23 07:26:58.3, 0.1, 24.71N, 121.93E, h90km, 2km, M3.1 TAP 23 07:26:59.0, 24.76N, 121.95E, h84km, ML3.9, B ISC 23 07:26:59.6, 1.4, 24.73N, 0.04x121.98E, 0.03, h82km, 7km, n54, s073/99, 1C-12D, Taiwan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EGS baz=9.0, EGS baz=9.0, TWC Suao, TWC baz=208, TWC baz=208, ILLA ilan, ILLA baz=278, TWB1 Santiago Chiao, TWB1 baz=16, TWE Neicheng, TWE baz=260, TWE baz=260, ENA Nanau, ENA baz=202, NWF Wu-fen Shan, NWF baz=334, TWA Mucha, TWA baz=307, TWA baz=307, TAP1 Taipei, TAP1 baz=310, TAP Taipei, TAP baz=310, NSK Sanguang, NSK baz=261, NSK baz=261, NNS Nan Shan, NNS baz=245, NNS baz=245, TWS1 Kuangyinshan, TWS1 baz=312, TWS1 baz=312, TWY Chenhua, TWY baz=329, TWD Chiawan, TWD baz=214, TWD baz=214, NCU National Centr, NCU baz=278, NCU baz=278, HWA Hwalien, HWA baz=190, HWA baz=190, TWT Tachien, TWT baz=229, TWT baz=229, NSTT Nanjung, NSTT baz=261, NSTT baz=261, HSN Hsinchu, HSN baz=275, HSN baz=275, JYNG Yonagunijimaka, JYNG baz=107, JYNG baz=107, YOJ Yonaguni jima, YOJ baz=107, YOJ baz=107, YOJ Yonaguni jima, YOJ baz=107, YOJ baz=107, ESL Shilin, ESL baz=205, ESL baz=205, NSY Sanyi, NSY baz=252, NSY baz=252, NSY Yonagunijimaka, NSY baz=252, NSY baz=252, TWQ1 Liyutan, TWQ1 baz=249, TWQ1 baz=249, WDT Danda, WDT baz=210, WDT baz=210, WDT Yonaguni jima, WDT baz=210, WDT baz=210, SMLT Sun Moon Lake, SMLT baz=235, SMLT baz=235, SMLT Yuchr, SMLT baz=237, SMLT baz=237, TCU Taichung, TCU baz=250, TCU baz=250, TCU baz=250, EHY Hungye, EHY baz=196, EHY baz=196, TWY1 Yuli, TWY1 baz=207, TWY1 baz=207, YUS Yushan, YUS baz=209, YUS baz=209, YUS Yushan, YUS baz=209, YUS baz=209, CHNS Tsalung, CHNS baz=235, CHNS baz=235, CHNS Alishan, CHNS baz=228, CHNS baz=228, WLGK Gukeng, WLGK baz=239, WLGK baz=239, WLGK Hateruma jima, WLGK baz=198, WLGK baz=198, HATJ Hateruma jima, HATJ baz=198, HATJ baz=198, CHY Chiayi, CHY baz=227, CHY baz=227, CHY Chiayi, CHY baz=227, CHY baz=227, JKRS Kuro-shima, JKRS baz=204, JKRS baz=204, STYT Tuyuan, STYT baz=205, STYT baz=205, STYT Tuyuan, STYT baz=205, STYT baz=205

1.5m, 0.6s, baz=119, slow=6.9, SNR=10
KURBS Kurchatov Arra 63.61 328 P 08 50 23.1 -0.4

MDD 23 08:52:37.1±0.7, 36.153N, 12.39W, h56km, 23km, mb3.7/4,
Error ellipse: s-maj=5.3km s-min=5.0km az=21.0, PIXIMO
INMG 23 08:52:37.3±1.1, 36.43N, 12.50W, h10km, ML2.3, Error
ellipse: s-maj=10.9km s-min=7.8km az=128.0

CSEM 23 08:52:39.4±0.5, 36.70N, 11.97W, h20km, mb3.7, Error
ellipse: s-maj=10.8km s-min=6.9km az=144.0

ISC 23 08:52:37.4±0.0, 36.8N, 0.1x12.0W, 0.2, h10km, n59,
±0.93/87, Azores-Cape St. Vincent Ridge

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists various seismic stations and their data points.

IDC 23 09:21:06.5±0.8, 11.87N, 142.15E, h0km, mb3.7/6,
mb1.4/0.7, mb1mx3.7/3.7, mbtmp3.9/7, ML4.3/1, MS3.6/2,
Ms1.3/6.2, ms1mx3.0/3.5, Error ellipse: s-maj=25.7km
s-min=18.2km az=116.0

ISCJCB 23 09:21:11.2±0.4, 36.19N, 0.1x142.1E, 0.1, h50km, mb3.9/7,
MS3.4/2, Error ellipse: s-maj=19.6km s-min=9.7km
az=143.0

ISC 23 09:21:13.1±0.9, 11.9N, 0.1x142.2E, 0.1, h50km, n11,
±102/10, mb3.8/7, South of Mariana Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists seismic stations for IDC, ISCJCB, and ISC events.

ISK 23 09:23:25.5, 37.26N, 28.20E, h5km, MD2.7
CSEM 23 09:23:26.0±0.3, 37.25N, 28.21E, h10km, MD2.7, Error
ellipse: s-maj=7.4km s-min=5.0km az=41.0

DDA 23 09:23:27.1, 37.25N, 28.20E, h7km, MD2.5

ISC 23 09:23:27.0±0.1, 31.23N, 0.0x4.28E, 0.03, h4km, n11km,
n17, ±133/29, Turkey

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists seismic stations for ISK and DDA events.

IDC 23 09:31:00.9±5.7, 15.25S, 13.49W, h0km, mb3.8/4,
mb1.3/8.4, mb1mx3.7/4.2, mbtmp3.8/4, MS3.9/9, Ms1.3/8.9,
ms1mx3.7/4.2, Error ellipse: s-maj=28.3km
s-min=29.9km az=95.0, Southern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists seismic stations for IDC event.

ISCJCB 23 09:46:21.2±1.2, 36.88N, 0.07x27.74E, 0.05, h23km, 9km,
Error ellipse: s-maj=12.7km s-min=6.9km az=10.4

DDA 23 09:46:21.4, 36.94N, 27.77E, h7km, MD2.6

ISC 23 09:46:21.0±0.4, 36.96N, 27.75E, h21km, MD2.7

CSEM 23 09:46:21.1±0.4, 36.89N, 27.74E, h20km, MD2.6, Error
ellipse: s-maj=9.6km s-min=4.7km az=10.0

ISC 23 09:46:20.8±1.5, 36.89N, 0.07x27.75E, 0.03, h18km, 4km,
n21, ±0.37/30, Dodecanese Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists seismic stations for ISCJCB, DDA, and ISC events.

IDC 23 09:58:31.9±0.6, 13.02N, 88.31W, h51km, 4km, mb4.2/19,
mb1.4/4.2, mb1mx4.2/3.5, mbtmp4.5/2.2, MS3.9/9,
Ms1.3/9.9, ms1mx3.6/2.9, Error ellipse: s-maj=18.5km
s-min=7.7km az=48.0

ISCJCB 23 09:58:32.0±0.3, 12.79N, 0.04x88.50W, 0.03, h69km, 2km,
mb4.6/10.2, Error ellipse: s-maj=7.8km s-min=3.1km
az=41.3

BUI 23 09:58:32.5, 12.80N, 88.50W, h70km, mb5.2/4, Ms5.4/5,
Ms7.4/9.5

CASC 23 09:58:32.5±2.3, 12.76N, 88.63W, h37km, 331km, MD4.6,
ML4.7, mb4.8/NEIC

NEIC 23 09:58:35.2±0.8, 12.78N, 88.42W, h83km, 7km, mb4.8/89,
MD4.7/NEIC, Error ellipse: s-maj=8.6km s-min=3.8km
az=46.0

NEIC Felt [III] at Usulutana

ISC 23 09:58:31.9±0.5, 12.71N, 0.05x88.57W, 0.05, h56km, 3km,
h55km, PP-P, n493, ±15/531, mb4.8/104, MS4.0/104, MS4.0-10D,
Off coast of central America

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Lists seismic stations for IDC, ISCJCB, ISC, and ISC events.

236A	Katherine and baz=21	20.55 340	P	P	10 03 06.1 +0.2
334A	Lometa baz=21, SNR=9.1	20.57 336	P	P	10 03 06.5 +0.3
139A	Bunkhouse Ranch baz=21	20.58 346	P	P	10 03 06.7 +0.4
531A	Rocksprings baz=21, SNR=8.7	20.61 329	P	P	10 03 07.4 +0.7
138A	Matatali Enter baz=21	20.74 344	P	P	10 03 08.6 +0.7
432A	Menard baz=21, SNR=9.2	20.84 332	P	P	10 03 10.0 +0.8
WHTX	Lake Whitney baz=21	20.86 338	P	P	10 03 10.0 +0.7
WHTX	Lake Whitney comp=Z, 86nm, 1.4s	20.86 338	eP	P	10 03 10.6 +1.4
137A	Heron Place, G baz=21	20.86 343	P	P	10 03 10.8 +1.4
333A	Richland Sprin baz=21, SNR=16	20.87 334	P	P	10 03 09.8 +0.4
136A	Ennis baz=21	20.98 341	P	P	10 03 11.8 +1.2
530A	J-O Ranch, Com baz=21, SNR=12	21.00 328	P	P	10 03 12.6 +1.7
431A	Sonora baz=21, SNR=18	21.07 330	P	P	10 03 12.7 +1.1
234A	Clarette baz=21	21.12 337	P	P	10 03 12.4 +0.2
304A	Godfrey baz=21, SNR=0.8s	21.13 12	eP	P	10 03 13.4 +1.3
332A	Millersview baz=21, SNR=29	21.25 333	P	P	10 03 13.7 +0.2
135A	Vickery Place, baz=21	21.35 339	P	P	10 03 15.6 +1.0
233A	Rising Star baz=22, SNR=12	21.43 335	P	P	10 03 15.6 +0.1
529A	Stev Forest Ra baz=22, SNR=5.9	21.45 326	P	P	10 03 17.4 +0.6
430A	Baggett Ranch, baz=22, SNR=23	21.46 329	P	P	10 03 17.1 +1.2
331A	San Angelo baz=22, SNR=15	21.50 331	P	P	10 03 16.8 +0.6
134A	White-Moore Ra baz=22, SNR=7.0	21.61 338	P	P	10 03 18.3 +1.0
232A	Coleman baz=22, SNR=24	21.64 334	P	P	10 03 18.5 +0.8
LRS	Lares baz=22, SNR=12	21.65 72	eP	P	10 03 20.1 +2.2
429A	Davenport Ranch baz=22, SNR=12	21.67 327	P	P	10 03 18.7 +0.6
TXAR	Lajitas Array comp=Z, 4.7nm, 0.6s, baz=144, slow=9.0, SNR=44	21.69 322	P	P	10 03 19.1 +0.7
TXAR	comp=Z, 1.3nm, 0.8s, baz=163, slow=5.2, SNR=6.5		PcP	PcP	10 07 19.5 +1.6
TXAR	comp=Z, 1.2nm, 0.8s, baz=156, slow=5.7, SNR=4.3		PcP	PcP	10 07 33.6
TXAR	comp=Z, 0.4nm, 0.7s, baz=161, slow=5.0, SNR=5.2		ScP	ScP	10 10 52.0 +1.6
TXAR	comp=Z, 1.51nm, 18.5s, baz=0.0, slow=		LR	LR	10 12 09.6
TX31	Lajitas Ar. Si	21.69 322	eP	P	10 03 19.8 +1.4
TX31			eS	S	10 07 19.1 +3.5
TX31			eSn	Sn	10 07 34.4 +7.0
TX31			eP	P	10 03 19.0 +0.8
236A	Blue Ridge baz=22	21.69 342	P	P	10 03 19.8 +1.4
NHSC	New Hope	21.70 19	eP	P	10 03 21.4 +3.1
OXF	Oxford	21.72 358	eP	P	10 03 35.5 +4.6
NHSC	Lockesburg baz=22	21.72 348	P	P	10 03 19.7 +1.3
Y39A	Idabel baz=22	21.86 346	P	P	10 03 19.7 +1.2
Y38A	Idabel baz=22	21.86 346	P	P	10 03 21.0 +1.1
330A	Mertzon baz=22, SNR=13	21.93 330	P	P	10 03 21.1 +0.2
133A	Hamilton Ranch baz=22, SNR=9.5	21.96 336	P	P	10 03 21.6 +0.5
231A	Bronte baz=22	21.97 332	P	P	10 03 21.2 0.0
Z35A	Perchaven, San baz=22	22.01 340	P	P	10 03 22.7 +1.1
Y37A	Hugo baz=22, SNR=16	22.13 344	P	P	10 03 24.3 +1.4
MIAR	Mount Ida baz=22, SNR=11	22.21 349	P	P	10 03 24.5 +0.7
MIAR	Mount Ida comp=Z, 80nm, 1.6s	22.21 349	eP	P	10 03 24.6 +0.9
UALR	University of	22.23 352	eP	P	10 03 26.3 +2.3
UALR		22.23 352	eP	P	10 03 40.4 +3.8
Y36A	Durant baz=22	22.23 343	P	P	10 03 25.3 +1.3
SJX	San Juan comp=Z, 313nm, 0.2s, baz=313, slow=20, SNR=6.9	22.26 73	P	P	10 03 21.8 -2.6
ABTX	Abielene, Hawle baz=22, SNR=5.8	22.27 335	P	P	10 03 24.5 0.0
ABTX	Abielene, Hawle comp=Z, 14nm, 0.6s	22.27 335	eP	P	10 03 25.0 +0.6
230A	Sterling City baz=22, SNR=7.1	22.30 331	P	P	10 03 24.9 0.0
329A	Wagon Wheel Ra baz=22, SNR=15	22.40 329	P	P	10 03 26.1 +0.1
Y35A	Marietta baz=22, SNR=13	22.47 341	P	P	10 03 28.1 +1.6
JSC	Jenkinsville comp=Z, 34nm, 0.9s	22.48 16	eP	P	10 03 27.9 +1.3
Z33A	Whitaker Ranch baz=23, SNR=6.3	22.50 337	P	P	10 03 27.3 +0.4
X38A	Whitesboro baz=23, SNR=6.9	22.59 346	P	P	10 03 29.2 +1.4
131A	Roby baz=23	22.63 333	P	P	10 03 28.5 +0.1
X37A	Clayton baz=23, SNR=8.4	22.64 345	P	P	10 03 30.2 +1.8
229A	Bryant Ranch, baz=23	22.70 330	P	P	10 03 29.9 +0.7
Y34A	Reagan Ranch, baz=23	22.75 340	P	P	10 03 29.5 0.0
Z32A	Haskell baz=23, SNR=11	22.80 336	P	P	10 03 29.9 -0.1
130A	Snyder baz=23, SNR=9.5	22.82 332	P	P	10 03 29.9 -0.5
X36A	Centrahoma baz=23, SNR=6.0	22.88 343	P	P	10 03 31.9 +1.0
X35A	Drake baz=23, SNR=7.4	22.90 342	P	P	10 03 31.8 +0.6
W38A	Poteau baz=23, SNR=12	22.91 347	P	P	10 03 32.5 +1.3
CPCT	Cooper Cave baz=23, SNR=0.7s	22.93 9	eP	P	10 03 32.0 +0.6
Z31A	Sharp Cattle R baz=23, SNR=11	23.08 335	P	P	10 03 33.0 0.0
Y33A	Hilltop Ranch, baz=23	23.10 338	P	P	10 03 33.3 +0.3
W37A	Quinton baz=23, SNR=15	23.18 346	P	P	10 03 35.1 +1.3
228A	UT Block 9, Go baz=23	23.22 329	P	P	10 03 33.6 -0.7
TKL	Tuckaleechee C comp=Z, 9nm, 0.7s, baz=178, slow=11, SNR=24	23.25 10	P	P	10 03 33.3 -1.3
TKL	Tuckaleechee C	23.25 10	eP	P	10 03 35.1 +0.5
129A	Stewart Farms, baz=23, SNR=7.5	23.27 331	P	P	10 03 34.5 -0.4
KMSC	Kings Mountain baz=23	23.27 15	P	P	10 03 34.5 -0.2
KMSC	Kings Mountain comp=Z, 19nm, 0.8s	23.27 15	eP	P	10 03 35.6 +0.8
WVT	Waverly comp=Z, 18nm, 1.2s	23.33 2	eP	P	10 03 35.4 +0.2
X34A	Smith Ranch, M baz=23, SNR=22	23.36 340	P	P	10 03 36.7 +1.1
W36A	Wetumka baz=23	23.38 344	P	P	10 03 35.8 0.0
Y32A	R-V Farms, Ver baz=24	23.40 337	P	P	10 03 36.3 +0.4
STVI	Saint Thomas comp=Z, 79nm, 0.6s	23.42 73	eP	P	10 03 35.1 -1.2
Z30A	Sanderson Ranch baz=24, SNR=13	23.48 333	P	P	10 03 36.6 -0.2
X33A	Lawton baz=24, SNR=19	23.53 339	P	P	10 03 37.4 +0.2
128A	Castleberry Fa baz=24, SNR=19	23.57 329	P	P	10 03 37.5 -0.2
W35A	Tecumseh baz=24	23.58 343	P	P	10 03 37.1 -0.5
PCRV	Puerto La Cruz comp=Z, 9.5nm, 0.5s, baz=161, slow=6.1, SNR=5.3	23.59 94	P	P	10 03 38.3 +0.4
V38A	Canehill baz=24, SNR=5.1	23.65 348	P	P	10 03 38.5 +0.3
Y31A	Rekieta Farm, baz=24, SNR=12	23.68 335	P	P	10 03 38.8 +0.1

X32A	Elmer baz=24, SNR=9.0	23.71 338	P	P	10 03 39.3 +0.5
Z29A	Hungry Hill Ra baz=24, SNR=10	23.72 332	P	P	10 03 38.6 -0.5
WMOK	Wichita Mounta comp=Z, 8.1nm, 0.8s	23.81 339	eP	P	10 03 40.2 +0.4
V37A	Hulbert baz=24, SNR=10	23.82 347	P	P	10 03 39.5 -0.3
Y30A	Stafford Cattl baz=24, SNR=7.6	23.88 334	P	P	10 03 41.4 +0.9
V36A	Jenks baz=24	23.92 345	P	P	10 03 40.8 +0.1
W34A	Bridge Creek, baz=24	23.92 341	P	P	10 03 41.1 +0.3
W34A	Bridge Creek, comp=Z, 15nm, 0.5s	23.92 341	eP	P	10 03 41.1 +0.3
TUL1	Tulsa baz=24	24.00 345	P	P	10 03 41.4 -0.1
TUL1	Tulsa comp=Z, 21nm, 0.8s	24.00 345	eP	P	10 03 41.7 +0.2
PBMO	Poplar Bluff comp=Z, 20nm, 0.8s	24.02 356	eP	P	10 03 41.4 -0.2
Z28A	Tucker Farm, M baz=24, SNR=9.6	24.06 331	P	P	10 03 41.6 -0.6
W33A	Caddo, Fort Co baz=24	24.07 340	P	P	10 03 42.3 +0.1
V35A	Meyer Ranch, C baz=24, SNR=5.3	24.14 343	P	P	10 03 42.2 -0.5
X31A	McDonald Ranch, baz=24	24.16 337	P	P	10 03 43.2 +0.2
TZTN	Tazewell	24.16 10	eP	P	10 03 43.3 +0.3
TZTN			eP	P	10 03 43.7 +0.9
U38A	Gravette baz=24, SNR=6.3	24.20 348	P	P	10 03 43.8 +0.5
Y29A	Porterfield Fa baz=24	24.20 333	P	P	10 03 43.4 -0.1
U37A	Salina baz=24, SNR=17	24.32 347	P	P	10 03 44.9 +0.6
W32A	Sentinel baz=24	24.32 338	P	P	10 03 44.3 -0.2
X30A	Coker Ranch, T baz=24, SNR=5.1	24.36 335	P	P	10 03 45.6 +0.8
V34A	Guthrie baz=24, SNR=12	24.40 342	P	P	10 03 44.6 -0.5
V34A	Guthrie comp=Z, 44nm, 1.2s	24.40 342	eP	P	10 03 44.6 -0.5
MNTX	Cornudas Mount baz=24, SNR=12	24.42 323	P	P	10 03 45.2 -0.2
MNTX	Cornudas Mount comp=Z, 5nm, 1.3s	24.42 323	eP	P	10 03 45.7 +0.3
Y28A	McKinney Farm, baz=24, SNR=14	24.51 332	P	P	10 03 46.0 -0.2
V33A	Lossen Ranch, baz=24, SNR=5.9	24.63 341	P	P	10 03 47.0 -0.2
W31A	Holland Ranch, baz=25	24.63 337	P	P	10 03 47.1 -0.2
U35A	Pawnee baz=25	24.68 344	P	P	10 03 47.4 -0.3
X29A	Tulia baz=25, SNR=10.0	24.71 333	P	P	10 03 48.5 +0.4
V32A	Arapahoe baz=25	24.79 339	P	P	10 03 48.6 0.0
MSTX	Muleshoe baz=25, SNR=15	24.80 331	P	P	10 03 49.0 0.0
MSTX	Muleshoe comp=Z, 32nm, 0.8s	24.80 331	eP	P	10 03 49.1 +0.2
U34A	Anderson Ranch baz=25, SNR=6.1	24.96 343	P	P	10 03 49.4 -0.9
U34A	Anderson Ranch comp=Z, 21nm, 0.6s	24.96 343	eP	P	10 03 50.0 -0.3
T37A	Cheneville 18 baz=25, SNR=12	24.97 348	P	P	10 03 50.1 -0.2
X28A	Dimmitt baz=25, SNR=7.9	24.99 333	P	P	10 03 50.4 -0.2
AMTX	Amarillo baz=25	25.07 334	P	P	10 03 51.3 -0.1
AMTX	Amarillo comp=Z, 25nm, 0.6s	25.07 334	eP	P	10 03 52.5 +1.1
AMTX			eP	P	10 04 06.1 +0.9
T36A	Boggs Farm, Ca baz=25	25.12 346	eP	P	10 03 51.2 -0.4
SMRT	St. Maarten	25.13 75	eP	P	10 03 50.7 -1.3
SMRT			eP	P	10 04 08.4 +2.6
U33A	Lingo Farm, Me baz=25	25.13 342	P	P	10 03 51.9 +0.1
T35A	Sooner Cattle baz=25	25.14 345	P	P	10 03 51.9 +0.1
W29A	Amarillo baz=25	25.26 334	P	P	10 03 53.1 0.0
U32A	Winter Ranch, baz=25	25.37 340	P	P	10 03 53.8 -0.2
T34A	McClaskey Farm baz=26	25.41 344	P	P	10 03 54.6 +0.2
BLA	Blacksburg	25.47 15	eP	P	10 03 54.3 -0.5
BLA			eP	P	10 04 09.1 +0.3
WCI	Wyandotte Cave comp=Z, 15nm, 0.8s	25.50 4	eP	P	10 03 54.1 -1.0
S37A	Fort Scott	25.57 348	P	P	10 03 55.5 -0.2
WVCC	Virginia Weste baz=26	25.62 16	eP	P	10 03 56.8 +0.7
WVCC			eP	P	10 04 11.4 +1.4
W28A	Vega baz=26	25.62 333	P	P	10 03 56.2 -0.1
S36A	Lake Cedric, C baz=26, SNR=12	25.69 347	P	P	10 03 56.1 -0.7
S35A	Ottie Creek Ra baz=26	25.82 346	P	P	10 03 58.3 +0.3
S34A	Willow Spring baz=26	26.03 344	P	P	10 03 59.9 0.0
V28A	Channing baz=26, SNR=18	26.04 334	P	P	10 04 00.4 +0.3
U30A	WK&E Inc. Balk baz=26	26.09 337	P	P	10 04 00.7 +0.2
R36A	Gordon, Harris baz=26	26.25 348	P	P	10 04 01.3 -0.6
T31A	Randall Ranch, baz=26	26.25 340	P	P	10 04 02.0 +0.1
V27A	Dan Oppiter Fa baz=26	26.31 333	P	P	10 04 02.9 +0.3
121A	Cookes Peak, D baz=26, SNR=6.0	26.45 321	P	P	10 04 05.6 +1.7
121A	Cookes Peak, D comp=Z, 9.2nm, 0.8s	26.45 321	eP	P	10 04 05.0 +1.1
S32A	New Ranch, P baz=27	26.55 341	P	P	10 04 05.4 +0.7
R34A	Isabella, Hill baz=27	26.63 345	P	P	10 04 05.4 +0.1
R33A	Olander Ranch, baz=27	26.84 343	P	P	10 04 06.5 -0.7
U27A	Thompson Grove baz=27	26.87 334	P	P	10 04 07.3 -0.4
Q35A	Mercer Eighty, baz=27	26.88 347	P	P	10 04 07.3 -0.2
T29A	Hugoton baz=27	26.88 337	P	P	10 04 07.1 -0.6
BNM	Barren Site	26.93 325	eP	P	10 04 10.4 +2.1
Y22D	IRIS PASSCAL I	27.04 325	P	P	10 04 08.6 -0.7
Q34A	Chapman baz=27, SNR=5.5	27.14 346	P	P	10 04 09.6 -0.3
R32A	Long Quarter, baz=27	27.15 342	P	P	10 04 10.1 +0.1
T28A	Walsh baz=27	27.17 336	P	P	10 04 10.2 -0.1
S29A	Ulysses baz=27	27.23 338	P	P	10 04 10.8 0.0
KSU1	Kansas State U baz=27	27.23 346	P	P	10 04 09.7 -1.0
KSU1	Kansas State U	27.23 346	eP	P	10 04 12.5 +1.7

23d 12h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Alice Springs, Labuha, Sanana, Cobar Meteorol, Lord Howe Isla, Mangrove Creek, etc.

2010 SEP

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like Quanzhou, Sheshan, Erimo, Korea Array, Wanjun Array, etc.

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

HIA	comp=Z,2um,17.4s	61.60 337	PFAKE	LR	13 03 30.0 +7.8
HIA	Hailar		LR		
GTA	comp=Z,779nm,21.0s	65.73 318	eP	P	13 03 53.6 +3.8
GTA	Gaotai		pP	P	13 04 07.3 +5.0
GTA			sP	sP	13 04 12.3 +5.1
GTA	comp=Z,460nm,6.3s		PMZ		
GTA	comp=Z,520nm,18.5s		LN		
GTA	comp=Z,830nm,17.6s		LE		
ULN	comp=Z,870nm,18.0s	66.36 329c	/P	P	13 03 52.9 -0.8
ULN	Ulanbatar		pmax	pmax	
ULN	comp=Z,9.0nm,1.2s	66.36 329	eP	P	13 03 52.7 -1.0
ULN	Ulanbatar		eP	LR	
ULN	comp=Z,8.1nm,0.9s		LR	LR	
CASY	comp=Z,1um,19.0s	66.64 197	eP	P	13 03 54.7 -0.2
CASY	Casey				
CASY	comp=Z,16nm,0.8s		LR	LR	
SOMN	comp=Z,2um,19.0s	66.68 329	P	P	13 03 55.1 -0.6
SOMN	Songino Array				
SOMN	comp=Z,7.5nm,0.9s,baz=134,slow=6.3,SNR=19		LR	LR	13 33 05.5
SOMN	comp=Z,983nm,19.2s,baz=136,slow=36		LR	LR	
SONA1	comp=Z,9.0nm,1.2s	66.69 329	eP	P	13 03 55.0 -0.7
SONA1	Songino Array				
LSA	comp=Z,10.0nm,1.1s	67.97 305	eP	P	13 04 03.1 -1.5
LSA	Lhasa		PMZ		
LSA	comp=Z,11nm,0.8s	67.97 305	eP	P	13 04 03.9 -0.7
LSA	Lhasa		pmax	pmax	
LSA	comp=Z,504nm,19.0s		MLR	MLR	
LSA	Lhasa		MLR	MLR	
LSA	comp=Z,504nm,19.0s		LR	LR	
SEY	comp=Z,504nm,19.0s	68.65 0	eP	P	13 04 07.1 -0.5
SEY	Seymchan				
YAK	comp=Z,504nm,19.0s	68.84 349	eP	P	13 04 12.4 -2.6
YAK	Yakutsk		eP	P	13 04 20.7 -6.9
YAK			e	e	13 04 34.1
YAK			e	e	13 06 50.6
YAK			ePPP	PPP	13 08 25.8
YAK			eS	S	13 13 21.6 +0.4
YAK			eSS	SS	13 13 39.7 -2.5
YAK			eS	SS	13 14 15.9
YAK			eS	SS	13 17 44.3 -6.5
YAK			pmax	pmax	
YAK	comp=Z,6.0nm,1.0s		pmax	pmax	
YAK	comp=E,79nm,2.6s		pmax	pmax	
YAK	comp=N,104nm,3.3s		pmax	pmax	
YAK	comp=Z,267nm,5.7s		pmax	pmax	
YAK	comp=N,70nm,2.6s		smax	smax	
YAK	comp=E,97nm,3.0s		MLR	MLR	
YAK	comp=E,280nm,15.0s		MLR	MLR	
YAK	comp=N,689nm,18.0s		MLR	MLR	
YAK	comp=Z,757nm,17.0s		MLR	MLR	
ZAK	comp=Z,757nm,17.0s	69.87 329	eP	P	13 04 14.0 -1.6
ZAK	Zakamensk				
ZAK			pmax	pmax	
ODAN	comp=Z,16nm,1.7s	70.04 302	eP	P	13 04 20.0 +2.6
ODAN	Tablejüng				
ODAN	comp=Z,12nm,0.6s		P	P	13 04 21.1 +3.1
ODAN	Odare				
BOD	comp=Z,26nm,0.5s	70.14 340	eP	P	13 04 16.8 -1.9
BOD	Bodaibo				
BOD			pmax	pmax	
TLY	comp=Z,8.0nm,1.3s	70.49 331c	/P	S	13 04 17.8 -1.4
TLY	Talaya		eS	S	13 13 29.7 +0.4
TLY			e	e	13 14 17.6
TLY	comp=Z,6.0nm,1.1s		pmax	pmax	
TLY	Talaya		MLR	MLR	
TLY	comp=Z,570nm,20.0s	70.49 331	PFAKE	LR	13 04 30.0 +1.1
TLY	Talaya				
CHLP	comp=Z,903nm,20.0s	70.92 292	eP	P	13 04 21.3 -1.2
CHLP	Challavanipeta				
GUN	comp=Z,22nm,0.4s	71.77 178	P	P	13 04 27.1 +0.5
GUN	Gumba				
VNDA	comp=Z,26nm,0.9s,baz=329,slow=6.7,SNR=92	71.77 178	P	LR	13 32 24.1
VNDA	Vanda				
MOY	comp=Z,446nm,19.6s,baz=354,slow=33		LR	LR	
MOY	Moond				
KKN	comp=Z,18nm,0.7s	72.23 302	eP	P	13 04 29.6 -0.9
KKN	Kakani				
DMN	comp=Z,54nm,0.9s	72.33 301	eP	P	13 04 29.9 -1.2
DMN	Daman				
SBA	comp=Z,58nm,1.3s	72.34 177	eP	P	13 04 31.5 +1.6
SBA	Scott Base		pmax	pmax	
SBA	comp=Z,441nm,21.0s	72.34 177	eP	P	13 04 31.5 +1.6
SBA	Scott Base				
SBA	comp=Z,58nm,1.3s		LR	LR	
RKT	comp=Z,441nm,21.0s	72.38 112	eS	S	13 13 56.6 +4.4
RKT	Rikitea				
RKT	comp=Z,403nm,28.8s	72.38 112	eLR	LR	13 26 41.1
RKT	Rikitea				
MIR	comp=Z,1um,32.2s	72.50 201	eP	P	13 04 40.0 +8.9
MIR	Mirmy		pmax	pmax	
GKN	comp=Z,100nm,1.0s	72.84 302	eP	P	13 04 32.5 -1.5
GKN	Gorkha				
PVM	comp=Z,36nm,0.9s	72.91 290	eP	P	13 04 33.4 -1.0
PVM	Polavaram		eP	P	13 04 43.3 -3.9
KOLM	comp=Z,34nm,0.7s	73.66 301	eP	P	13 04 36.9 -2.0
KOLM	Koldanda				
SKHT	comp=Z,34nm,0.7s	74.05 286	eP	P	13 04 39.0 -2.2
SKHT	Srikalahasti				
ADKI	comp=Z,34nm,0.7s	74.19 288	eP	P	13 04 40.6 -1.3
ADKI	Addanki				
BILL	comp=Z,34nm,0.7s	74.49 6	iP	P	13 04 51.2 -3.5
BILL	Bilibino				
BILL			eS	S	13 04 42.5 -0.2
BILL			eS	SS	13 04 54.0
BILL			SS	SS	13 14 22.0 +7.7
BILL			pmax	pmax	13 19 00.0 -1.8
BILL	comp=Z,22nm,1.3s	74.49 6	PFAKE	LR	13 04 50.0 +7.3
BILL	Bilibino				
NJS	comp=Z,778nm,19.0s	74.95 289	eP	P	13 04 45.3 -1.1
NJS	Nagarjunasagar		eP	P	13 04 55.5 -3.7
RCLA	comp=Z,778nm,19.0s	75.08 288	eP	P	13 04 46.2 -1.0
RCLA	Rachera		eP	P	13 04 56.0 -3.9
SRLM	comp=Z,778nm,19.0s	75.26 288	eP	P	13 04 46.5 -1.7
SRLM	Srisailam		eP	P	13 04 57.3 -3.7
HVS	comp=Z,22nm,1.3s	75.36 326d	iP	P	13 04 48.0 -0.2
HVS	Khovu-Aksy		pmax	pmax	
RPR	comp=Z,24nm,0.9s	75.41 291	eP	P	13 04 47.4 -1.6
RPR	Rampur		eP	P	13 04 54.3 +3.4
WMQ	comp=Z,24nm,0.9s	75.81 318	eP	P	13 05 05.3 +1.6
WMQ	Ururmi		pP	P	13 05 12.1 +3.5
WMQ			sP	S	13 14 34.3 +4.2
WMQ			PMZ		
WMQ	comp=Z,15nm,0.6s		PMZ		
WMQ	comp=Z,290nm,5.9s		LN		
WMQ	comp=Z,1um,18.0s		LE		
WMQ	comp=Z,1um,16.2s		LZ		
WMQ	comp=Z,1um,22.0s	75.82 290	iP	P	13 04 50.0 -1.4
HYB	comp=Z,1um,22.0s	75.82 290	eP	P	13 04 50.0 -4.9
HYB	Hyderabad		P	P	13 04 50.0 -1.4
HYB	Hyderabad (bro)		eP	P	13 04 50.0 -1.4

HYBB	comp=Z,2um,17.4s	76.31 291	eP	P	13 05 00.7 -3.3
SRSP	Sriramsagar		eP	P	13 05 02.6 -1.6
SRSP			eP	P	13 05 52.8 -3.1
URV	comp=Z,2um,17.4s	76.60 287	eP	P	13 04 55.9 0.0
OHAK	Old Harbor		eP	P	13 04 58.1 +0.8
KDAD	Kodiak Island		LR	LR	13 34 59.8
KDAD	comp=Z,368nm,21.1s,baz=242,slow=32	77.66 27	LR	LR	
KDAD	Kodiak Island		iP	P	13 05 02.4 +1.6
KLRI	Killari		eP	P	13 05 00.9 -1.6
KRAR	Krasnoyarsk		eP	P	13 05 04.4 +0.5
KRAR			pmax	pmax	
SVWZ	comp=Z,21nm,0.5s	78.27 23	eP	P	13 05 05.8 +1.6
SVWZ	Sparvevohn				
RSO	comp=Z,262nm,2.5s	79.05 25	eP	P	13 05 09.2 +0.4
RSO	Redoubt South		eP	P	13 05 10.3 +0.9
CNPM	China Foot		LR	LR	
TTA	comp=Z,110nm,0.7s	79.18 26	eP	P	13 05 10.4 +1.0
TTA	Tatalina		eP	P	13 05 10.4 +1.0
TTA			pmax	pmax	
TTA	comp=Z,63nm,1.4s	79.20 22	eP	P	13 05 10.4 +1.0
TTA	Tatalina				
BRLL	comp=Z,63nm,1.4s	79.46 26	eP	P	13 05 11.2 +0.4
BRLL	Bradley Lake				
PAF	comp=Z,64nm,1.1s	80.00 221	S	S	13 14 51.0 -2.4
PAF	Port-aux-Franc		SS	SS	13 20 07.0 -1.8
PAF			L	L	13 26 00.0
PAF			R	R	13 31 00.0
PAF			P	P	13 05 15.5 -0.9
MKAR	comp=Z,3.3nm,0.8s,baz=78,slow=7.7,SNR=4.5	80.44 319	P	LR	13 42 31.0
MKAR	Makanchi Array				
PKAR	comp=Z,588nm,18.7s,baz=107,slow=37	80.61 23	eP	P	13 05 16.2 -1.0
PKAR	Purkeye				
RC01	comp=Z,205nm,2.0s	80.64 25	eP	P	13 05 17.9 +0.8
RC01	Rabik Creek A				
CAST	comp=Z,205nm,2.0s	80.64 25	eP	P	13 05 17.9 +0.8
CAST	Castle Rocks				
PMR	comp=Z,36nm,1.1s	81.14 25	eP	P	13 05 19.9 +0.1
PMR	Palmer				
PMR	comp=Z,41nm,1.0s	81.14 25	eP	P	13 05 19.9 +0.1
PMR	Palmer				
ZABZ	comp=Z,41nm,1.0s	81.45 327	P	P	13 05 21.0 -0.6
ZABZ	Zalesovo Array				
ZALV	comp=Z,8.2nm,0.6s,baz=147,slow=5.5,SNR=21	81.47 327	P	LR	13 05 19.9 -1.8
ZALV	Zalesovo Beam				
ZALV			LR	LR	13 42 33.0
ZML	comp=Z,731nm,19.5s,baz=78,slow=36	81.58 25	eP	P	13 05 22.6 +0.4
ZML	Sawmill				
ZML	Sawmill		eP	P	13 05 22.6 +0.4
ZML	Sawmill		eP	P	13 05 22.6 +0.4
TRF	Thoralfre Moun		eP	P	13 05 21.0 -0.6
BPAW	Bear Paw Mtn.		eP	P	13 05 21.8 -1.1
SCM	comp=Z,89nm,1.7s	82.01 25	eP	P	13 05 25.1 +0.6
SCM	Sheep Creek Mo				
EYAK	comp=Z,89nm,1.7s	82.09 26	eP	P	13 05 25.5 +0.7
EYAK	Cordova Ski Ar				
RND	comp=Z,89nm,1.7s	82.17 23	eP	P	13 05 25.0 -0.3
RND	Reindeer				
RND	Reindeer		eP	P	13 05 25.0 -0.3
MCK	comp=Z,89nm,1.7s	82.30 23	eP	P	13 05 25.6 -0.3
MCK	McKinley				
MCK	McKinley		eP	P	13 05 25.6 -0.3
MLY	comp=Z,89nm,1.7s	82.31 21	eP	P	13 05 26.4 +0.5
MLY	Manley				
DIV	comp=Z,89nm,1.7s	82.34 26	eP	P	13 05 27.0 +0.8
DIV	Divide				
KLU	comp=Z,89nm,1.7s	82.4			

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like SONMG Songoing Array, YBHA Yreka Blue Hor, ISA Isabella, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like YKA comp=2.0, NVAR comp=2.0, IDC 23 12:59:12.6, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like STYT baz=239, WTP Ta-pu, CHN1 Nanshi, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KLR, H1N12, H1N11, H1N13, H1S13, H1S11, H1S12, SKR, ULN, SONM, ZAK, TLY, CMAR, HVS, WRAB, LEM, FITZ, ZALV, NVS, MKAR, KURK, AAK, BRVK, KKAR, ARU, ABKAR, FINES, KBZ, NVAR, ANMO.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DZM, WRA, ASAR, VANDA, MKAR, ARCES, GUC, LSCH, ROCI, RTLS, AUSA, PEL, CLCH, AMOG, RTVU, AGUA, ASAL, CFAA, ARCO, AAGR, VCA.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like VCA, AVFE, MRA, MAN 23 14:01.03, PIP, APYP, ABRA, SGCP.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GUMO, H1N11, H1N12, H1N13, WRA, ASAR, NVAR, LPAZ.

ISCJB 23 14:17.21.0.0.6, 50.27N; 0.05.18.73E; 0.03, h0km, Error ellipse: s-maj=6.6km s-min=2.9km az=172.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like CHZP, OKC, OJC, MORC, KRUC, PRU, KHC, MAN 23 14:18.46, SIPP, ABRA, APYP.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WDLM, ASAR, FITZ, ILAR, TORD.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PMG, WDLM, ASAR, FITZ, ILAR, TORD.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WDLM, KLOF, PRYS.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PRYS, OBSV, ERP, KSR, BNON, MOAB, TLEK, SWZ, POGA, KSD, MSNA, UPI, CVNA, KOMG.

ISCJB 23 14:50.28.7.0.5, 37.00N; 0.06.136.72E; 0.07, h273km, 5km, mb3.0/4, Error ellipse: s-maj=10.2km s-min=8.9km az=159.3

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JH, JKT, JRY, JYN, JAG, JOD, JIE, JFT, KSRS, USRK, ASAJ, ILAR, WRA, ASAR.

ISCJB 23 14:51.41.2.0.7, 34.33N; 0.04.35.88E; 0.08, h30km, 6km, Error ellipse: s-maj=1.3km s-min=0.6km az=24.4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HWQ, BHL, HAWK, HAWK, HAWK, DQR, RCF, KFRA, WRDH, ARNB.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MAK Makhachkala, KMGK Komgarron, GNBK GNBK, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AKH Akhalkalaki, IML Ismayilli, GOF Gofitskoye, etc.

ISK 23 15:18:07.8, 37:11N, 28:79E, h5km, MD2.6
CSEM 23 15:24:26.3, 38.0, 43:13N, 46:14E, h12km, Error ellipse: s-maj=5.7km s-min=5.2km az=169.0

DDA 23 15:18:09.1, 37:09N, 28:83E, h7km, MD2.7
ISC 23 15:18:09.0, 1.1, 37:12N, 02:28:83E, 0.02, h4km, 10km, n30, r1923/46, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TURN Turunc, DALY Dalyan (Mu'la), YER Yerkesik, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SGKR Sergokala, LACR Lac, LACR LACR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like URKR Urarakah, STDR Stavd-Durt, KORR Korra, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AKTO Aktyubinsk, AB31 Akbulak array, AB31 Akbulak array, etc.

ISCJB 23 15:40:16.0, 0.3, 43:62S, 0:03, 172:50E, 0:04, h26km, 3km, mb3.5/3, MS3.4/2, Error ellipse: s-maj=6.0km s-min=3.2km az=141.3
IDC 23 15:40:16.1, 3.5, 43:38S, 172:37E, h0km, mb3.6/3, mb1 3.8/4, mb1mx3.6/23, mbtmpt3.6/4, ML3.4/1, MS3.3/8, Ms1 3.4/3, ms1mx3.1/17, Error ellipse: s-maj=92.4km s-min=13.4km az=150.0

WEL 23 15:40:17.3, 0.1, 43:58S, 172:41E, h11km, ML4.4/6, Error ellipse: s-maj=0.4km s-min=0.4km az=90.0
WEL Fell in the Canterbury region, maximum reported intensity MM 6.
NEIC 23 15:40:17.1, 43:61S, 172:38E, h8km, ML4.5(WEL), After WEL.

NEIC Fell in the Christchurch area.
ISC 23 15:40:17.0, 0.9, 43:59S, 0:03, 172:45E, 0:03, h19km, 3km, n126, r0899/126, mb3.4/3, 3C-3D, South Island

TIF 23 15:24:25.4, 43:28N, 46:23E, h14km, 1km
AZER 23 15:24:26.3, 38.0, 43:13N, 46:14E, h12km, Error ellipse: s-maj=14.2km s-min=12.1km az=14.0
MOS 23 15:24:26.9, 2.0, 43:23N, 46:24E, h10km, mb4.4/1, Error ellipse: s-maj=6.2km s-min=4.6km az=37.4

MOS Fell (II) at Argun.
CSEM 23 15:24:27.0, 0.2, 43:28N, 46:22E, h10km, mb4.4, Error ellipse: s-maj=5.7km s-min=2.3km az=25.0
ISC 23 15:24:26.6, 1.0, 43:28N, 02:46:24E, 0.02, h8km, 6km, n110, r191/193, 28C-10D, Eastern Caucasus

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GROC Groznyy, DLMR Dylm, DBC Dubki, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NCK Naichik, DGRG David-gareji, DGRG David-gareji, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KBTC Kuba-Taba, ONI Oni, KSMR Kasumkent, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CR LZ Canterbury Las, CR LZ Canterbury Las, CR LZ Canterbury Las, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RPZ Rata Peaks, RPZ Rata Peaks, RPZ Rata Peaks, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like HHSZ Highchill Hill, JCY Jackson Bay, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like KUZZ Kuaotunu, VNSA Vanda, ASAR Alice Springs, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual. Includes stations like U65B Hualae0, U65B Hualae0, TALC Talca, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, and other metrics. Includes entries like R37A Teagarden Farm, S34A Willow Spring, U30A WK&E Inc. Balk, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, and other metrics. Includes entries like Q28A Sharon Springs, O32A Brockman Farm, GLA Glamis, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, and other metrics. Includes entries like M29A Burnside Ranch, SCI San Clemente I, LDFO Landfair, etc.

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G35A	Watkins	82.43 344	P	P	16 48 34.6	0.0
I30A	Oacoma	82.44 340	P	P	16 48 34.9	+0.1
K26A	Motz Farm, Whi	82.45 337	P	P	16 48 35.8	+0.9
H33A	Prehn Over Nor	82.45 342	P	P	16 48 34.9	+0.1
H32A	Carlson Farm,	82.46 342	P	P	16 48 35.4	+0.6
MPMC	Manual Prospec	82.48 324	P	P	16 48 36.5	+1.1
J28A	Allard Ranch,	82.51 339	P	P	16 48 36.1	+1.0
J27A	Elkhorn Farm,	82.59 338	P	P	16 48 36.8	+1.3
K25A	Mack Ranch, Ha	82.59 337	P	P	16 48 37.3	+1.6
TPNV	Topopah Spring	82.62 326	P	P	16 48 37.2	+1.2
ISA	Isabella	82.64 323	eP	Pmax	16 48 37.2	+1.2
ISA	Isabella	82.64 323	P	P	16 48 37.8	+1.8
ISA	Isabella	82.64 323	eP	P	16 48 37.1	+1.2
PKM	Peak Mountain	82.70 322	P	P	16 48 37.3	+0.8
DAC	Darwin (Calif)	82.71 324	eP	Pmax	16 48 38.0	+1.5
DAC	Darwin (Calif)	82.71 324	eP	Pmax	16 48 38.0	+1.5
I29A	Vivian Onida	82.79 340	P	P	16 48 36.3	-0.2
SUSD	South Dakota S	82.81 341	P	P	16 48 37.0	+0.4
F36A	Milaca	82.83 345	P	P	16 48 36.3	-0.3
ERPM	east rand prop	82.97 117	eP	IAmb	16 48 38.3	0.0
ERPM	east rand prop	82.97 117	P	P	16 48 38.3	0.0
J26A	Sides Ranch, S	82.97 338	P	P	16 48 38.1	+0.5
I28A	Midland	83.02 339	P	P	16 48 38.4	+0.7
F35A	Swanville	83.05 344	P	P	16 48 37.8	0.0
VES	Vestal, Richgr	83.08 323	P	P	16 48 39.3	+1.1
G32A	Webster	83.18 342	P	P	16 48 38.2	-0.2
O16A	Springville	83.27 331	eP	P	16 48 34.8	-4.5
J25A	Sunshine Ranch	83.27 337	P	P	16 48 40.0	+0.9
H29A	Onida	83.32 340	P	P	16 48 39.5	+0.2
I27A	Quinn	83.34 339	P	P	16 48 39.7	+0.3
SLR	Silverton	83.35 117	eP	IAmb	16 48 39.5	-0.7
SLR	Silverton	83.35 117	P	Pmax	16 48 39.5	-0.7
SLR	Silverton	83.35 117	P	P	16 48 39.5	-0.7
F33A	Mile Ranch,	83.43 343	P	P	16 48 39.3	-0.5
R11A	Troy Canyon,	83.46 327	P	P	16 48 41.6	+1.3
R11A	Troy Canyon, C	83.46 327	eP	P	16 48 41.2	+0.9
R11A	Troy Canyon, C	83.46 327	P	P	16 48 41.2	+0.9
G30A	Faulkton	83.49 341	P	P	16 48 53.0	
K22A	Casper	83.52 335	P	P	16 48 41.1	+0.7
K22A	Casper	83.52 335	eP	P	16 48 41.0	+0.5
H28A	Mission Ridge	83.59 340	P	P	16 48 40.9	+0.2
G29A	Hoven	83.76 340	P	P	16 48 41.7	+0.2
DUG	Dugway	83.79 330	eP	Pmax	16 48 42.9	+1.0
DUG	Dugway	83.79 330	P	Pmax	16 48 42.9	+1.0
DUG	Dugway	83.79 330	P	P	16 48 42.6	+0.6
DUG	Dugway	83.79 330	eP	P	16 48 42.9	+1.0
DUG	Dugway	83.79 330	P	P	16 48 42.9	+1.0
I25A	Rochford	83.81 337	P	P	16 48 42.5	+0.5
H27A	Howe	83.86 339	P	P	16 48 42.4	+0.3
G28A	Parade	83.93 340	P	P	16 48 42.5	+0.1
F31A	Hecla	83.94 342	P	P	16 48 42.3	0.0
RSSD	Black Hills	84.00 337	eP	Pmax	16 48 42.8	-0.2
RSSD	Black Hills	84.00 337	P	Pmax	16 48 42.8	-0.2
RSSD	Black Hills	84.00 337	eP	P	16 48 42.8	-0.2
TCUT	Toone Canyon	84.00 331	eP	P	16 48 43.8	+0.6
D36A	Goodland	84.00 346	P	P	16 48 42.8	+0.1
H26A	Fairpoint	84.06 338	P	P	16 48 44.1	+1.0
D35A	Remer	84.10 345	P	P	16 48 43.0	-0.1
F30A	Leola	84.11 341	P	P	16 48 43.1	-0.1
C38A	Sawbill Land.	84.16 347	P	P	16 48 43.1	-0.3
H25A	Fruitdale	84.31 338	P	P	16 48 44.3	-0.1
E32A	Braaten, Kindr	84.33 343	P	P	16 48 44.4	+0.1
C37A	Embarass	84.34 346	P	P	16 48 44.6	+0.2
D34A	Park Rapids	84.35 344	P	P	16 48 44.8	+0.4
EYMM	Ely	84.42 347	P	P	16 48 45.0	+0.2
TOAD	Torodi Ar. Sit	84.43 70	eP	P	16 48 43.4	-2.2
TORD	Torodi Ar. Bea	84.43 70	P	P	16 48 45.2	-0.3
HWUT	Hardware Ranch	84.48 331	eP	P	16 48 45.6	+0.1
E31A	Nome	84.49 342	P	P	16 48 45.1	0.0
C36A	Pine Crest Far	84.50 346	P	P	16 48 45.4	+0.2
BGU	Big Grassy Mou	84.50 330	eP	P	16 48 45.6	+0.1
G27A	Dupree	84.50 339	P	P	16 48 45.3	+0.1
F28A	McLaughlin	84.61 340	P	P	16 48 46.1	+0.3
G26A	Maurine	84.62 339	P	P	16 48 45.9	0.0
E30A	Jud	84.70 342	P	P	16 48 46.2	0.0
BW06	Boulder Array	84.71 333	eP	LR	16 48 46.8	+0.1
BW06	Boulder Array	84.71 333	P	LR	16 48 46.8	+0.1
NVAR	Mina Array Bea	84.77 325	P	P	16 48 48.5	+1.4
NVAR	Mina Array Bea	84.77 325	P	P	17 06 56.8	-0.2
NVAR	Mina Array Bea	84.77 325	P	P	17 15 10.3	+1.2
G25A	Newell	84.77 338	P	P	16 48 47.2	+0.5
POGA	Pongola	84.80 120	eP	IAmb	16 48 47.2	-0.2
POGA	Pongola	84.80 120	P	IAmb	16 48 48.8	
POGA	Pongola	84.80 120	P	P	16 48 47.2	-0.2

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D32A	Dogwood Acres,	84.82 343	P	P	16 48 47.0	+0.3
D31A	McCafflin, Tow	84.91 343	P	P	16 48 47.4	+0.1
E29A	Napoleon	84.95 341	P	P	16 48 47.6	+0.1
F27A	Leimmon	84.97 339	P	P	16 48 47.7	+0.1
HVU	Hansel Valley	85.11 331	eP	Pmax	16 48 48.8	+0.2
HVU	Hansel Valley	85.11 331	eP	Pmax	16 48 48.8	+0.2
C33A	Trail	85.12 344	P	P	16 48 47.6	-0.6
F26A	Lodgepole	85.14 339	P	P	16 48 48.4	-0.1
D30A	Buchanan	85.22 342	P	P	16 48 48.8	0.0
E28A	Huff	85.24 341	P	P	16 48 48.9	0.0
ELK	Elko	85.28 328	eP	Pmax	16 48 50.2	+0.7
ELK	Elko	85.28 328	eP	Pmax	16 49 01.7	
ELK	Elko	85.28 328	eP	Pmax	16 48 50.2	+0.7
ELK	Elko	85.28 328	eP	Pmax	16 49 01.7	
AHID	Auburn Hatcher	85.29 332	LR	LR	16 49 00.0	+1.0
D29A	Pettibone, Op	85.40 341	P	P	16 48 49.3	-0.4
F25A	Bowman	85.45 338	P	P	16 48 49.8	-0.2
B34A	Aery, Baudette	85.56 345	P	P	16 48 49.9	-0.5
C31A	Landman Farms,	85.61 343	P	P	16 48 50.9	+0.2
AGMN	Agassiz Nation	85.65 344	P	P	16 48 50.6	-0.3
AGMN	Agassiz Nation	85.65 344	eP	P	16 48 50.9	0.0
E26A	Carlson Angus	85.65 339	P	P	16 48 51.4	+0.4
C30A	Moses, Pekin	85.71 342	P	P	16 48 51.7	+0.5
D28A	Regan	85.78 341	P	P	16 48 52.2	+0.6
TPAW	Teton Pass	85.85 333	eP	P	16 48 53.0	+0.6
B32A	Ashes, Strandq	85.89 344	P	P	16 48 51.9	-0.1
E25A	Miller Ranch,	85.95 339	P	P	16 48 52.8	+0.3
D27A	Center	85.96 340	P	P	16 48 52.2	-0.3
MDND	Maddock	86.13 342	P	P	16 48 53.6	+0.3
D26A	Manning	86.15 340	P	P	16 48 54.2	+0.8
B31A	Greenbush Farm	86.18 343	P	P	16 48 53.8	+0.4
IMW	Indian Meadow	86.19 333	eP	P	16 48 54.3	+0.2
C28A	Hausauer Farms	86.21 341	P	P	16 48 54.4	+0.7
FLWY	Flag Ranch	86.26 333	eP	P	16 48 55.0	+0.7
B30A	Myrvik Farm, E	86.37 343	P	P	16 48 54.6	+0.2
D27A	Sey Ranch,	86.51 340	P	P	16 48 55.7	+0.6
C25A	Fairfield	86.51 339	P	P	16 48 56.0	+0.8
MSNA	Messina	86.62 115	eP	IAmb	16 48 56.8	+0.2
MSNA	Messina	86.62 115	P	IAmb	16 48 58.0	
MSNA	Messina	86.62 115	P	P	16 48 56.8	+0.2
B29A	Wagemann Farm,	86.63 342	P	P	16 48 56.2	+0.5
RLMT	Red Lodge	86.64 334	P	P	16 48 56.2	0.0
RLMT	Red Lodge	86.64 334	eP	P	16 48 56.3	+0.1
C26A	Walner Farm,	86.78 340	P	P	16 48 56.9	+0.4
A30A	Hoffart Farm,	86.81 343	P	P	16 48 57.0	+0.3
B28A	Dugan Ranch, T	86.88 341	P	P	16 48 57.4	+0.5
LAO	LASA Array	86.99 337	P	P	16 48 57.3	-0.3
LAO	LASA Array	86.99 337	eP	P	16 48 57.9	+0.3
C25A	Freud Ranch, W	87.00 339	P	P	16 48 57.9	+0.3
A29A	Manning Farm,	87.03 342	P	P	16 48 57.6	-0.1
B27A	Peters Farms,	87.08 341	P	P	16 48 58.5	+0.6
QLMT	Earthquake Lak	87.17 333	eP	P	16 49 00.4	+1.7
QLMT	Earthquake Lak	87.17 333	P	P	16 49 00.4	+1.7
HLID	Hailey	87.26 331	P	P	16 49 13.6	
HLID	Hailey	87.26 331	eP	P	16 48 59.7	+0.5
HLID	Hailey	87.26 331	eP	P	16 49 00.5	+1.3
A28A	Rude Farm, Bot	87.28 342	P	P	16 48 59.3	+0.4
B26A	Jensen Ranch,	87.31 340	P	P	16 48 59.6	+0.5
B25A	Knox Farm, Ray	87.48 340	P	P	16 49 00.4	+0.5
ULM	Lac du Bonnet	87.49 345	P	P	16 48 60.0	+0.1
ULM	Lac du Bonnet	87.49 345	P	P	16 49 00.0	+0.1
ULM	Lac du Bonnet	87.49 345	eP	Pmax	16 48 59.6	-0.3
A27A	LeDoux Ranch,	87.57 341	P	P	16 49 00.8	+0.5
MCMT	McKenzie Canyo	87.71 332	eP	P	16 49 02.2	+0.8
MFID	Camas Ranch	87.72 330	eP	P	16 49 02.2	+0.9
A26A	Wade Farm, Ken	87.74 341	P	P	16 49 01.5	+0.4
O03D	Paynes Creek	87.91 324	P	P	16 49 02.6	+0.4
BOZ	Bozeman (W)	87.94 333	eP	Pmax	16 49 02.9	+0.6
BOZ	Bozeman (W)	87.94 333	P	Pmax	16 49 02.5	+0.2
BOZ	Bozeman (W)	87.94 333	eP	Pmax	16 49 02.9	+0.6
DGMT	Dagmar	87.96 339	P	P	16 49 03.3	+1.1
DGMT	Dagmar	87.96 339	eP	P	16 49 02.8	+0.6
A25A	Svangust Ranch	88.07 340	P	P	16 49 03.6	+0.9
KIPM	Iron Peak	88.35 323	P	P	16 49 03.8	-0.6
LRM	Limekiln Ridge	88.39 333	P	P	16 49 05.0	+0.4
LRM	Modoc	88.46 326	eP	P	16 49 19.5	

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Table with columns: LZH, LZ, comp, PKP, PKPdf, PKS, SKSdf, SKS, PPMZ, and numerical values.

IDC 23 16:40:20.3, 8.7, 67N, 75.16W, h68km, 34km, mb3.7/2, mb1.4, 1/3, mb1mx3.5/23, mbmtb4.1/3, ML2.9, 1, MS3.2/1, Ms1.3/2, ms1mx2.8/30, Error ellipse: s-maj=48.7km s-min=33.8km az=61.0

FUNV 23 16:40:32.0, 6.97N, 73.06W, h124km, MV3.8, ISC 23 16:40:31.0, 1.7, 71N, 0.1, 72.9W, 0.1, h166km, n23, a157/24, 6D, Northern Colombia

Main table for 1087 with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station codes like CAPV, VIGV, SOCV, ROSC, etc.

ISC/JB 23 17:10:46.3, 0.3, 43.13N, 0.02, 5.26W, 0.02, h0km, 2km, Error ellipse: s-maj=3.5km s-min=1.6km az=158.2

CSEM 23 17:10:48.5, 0.1, 43.17N, 5.33W, h2km, ML3.6/45, Error ellipse: s-maj=3.4km s-min=1.7km az=153.0

MDD 23 17:10:49.9, 0.3, 43.16N, 5.32W, h13km, 3km, mb4.1/9, mBLG3.0/57, Error ellipse: s-maj=4.7km s-min=3.0km az=153.0, PRXIMO

MDD EMS: II INTENSIDAD MAXIMA. INMG 23 17:10:50.5, 1.6, 43.08N, 5.33W, h0km, 2km, ML3.2, Error ellipse: s-maj=1.9km s-min=1.3km az=140.0

LDG 23 17:10:50.1, 0.1, 43.20N, 5.35W, h2km, M13.5/35, Error ellipse: s-maj=2.3km s-min=1.6km az=143.0

STR 23 17:10:58.2, 0.3, 43.84N, 4.68W, h10km, M13.5, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

ISC 23 17:10:48.7, 0.5, 43.23N, 0.02, 5.31W, 0.01, h12km, 2km, n309, a25/25/463, 4C-3D, Spain

Main table for 1087 (continued) with columns: Code, Station Name, Az, Phase ID, Time, Res, and various station codes like EARI, EPON, ELAN, ECAL, PBRG, EAGO, MVO, etc.

2010 SEP

Main table for 2010 SEP with columns: ELOB, Pg, Sn, and various station codes like Lobios, Gabriell, Gabriell, Gabriell, etc.

23d 17h

Main table for 23d 17h with columns: YNAR, Sn, Sn, and various station codes like YNAR, OSSF, OSSF, etc.

23d 17h

Table with columns for station call letters, frequency, power, and signal strength. Includes stations like MAT Matushiro, BPWA Bear Paw Mtn, TRF Thorafore Moun, etc.

2010 SEP

Table with columns for station call letters, frequency, power, and signal strength. Includes stations like TIA comp=Z,940nm,18.0s, TIA comp=Z,680nm,18.0s, MOY Mondy, etc.

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Table with columns for station call letters, frequency, power, and signal strength. Includes stations like I03D Drain, OR, G05D Wamic, OR, NEW Newport, etc.

EGMT	Eagleton	51.62	59	P	P	17 22 08.6	-0.7
EGMT	Eagleton	51.62	59	eP	P	17 22 08.3	-0.9
LRM	Limelkin Ridge	51.72	62	eP	P	17 22 09.6	-0.7
DLMT	Dillon	51.96	63	eP	P	17 22 11.5	-0.4
SOKR	Solkamsk	51.99	322	eP	P	17 22 11.2	-0.5
SOKR	Lovozero					17 22 55.0	0.8s
LVZ	Lovozero	52.11	338d	iP	P	17 22 12.3	-0.3
LVZ	Lovozero					17 22 58.0	0.8s
LVZ	Lovozero					17 22 38.5	0.8s
LVZ	Lovozero	52.11	338	P	P	17 22 12.5	-0.1
MCMC	McKenzie Canyo	52.19	64	eP	P	17 22 13.1	-0.7
HLID	Hailey	52.22	66	P	P	17 22 13.3	-0.6
HLID	Hailey	52.22	66	eP	P	17 22 13.4	-0.5
BOZ	Bozeman (W)	52.27	62	eP	P	17 22 13.9	-0.3
BOZ	Bozeman (W)					17 22 27.2	
BOZ	Bozeman (W)	52.27	62	P	P	17 22 14.0	-0.3
BOZ	Bozeman (W)	52.27	62	eP	P	17 22 13.9	-0.3
BOZ	Bozeman (W)					17 22 27.2	
SUMG	Summit	52.38	8	iP	P	17 22 27.2	
SUMG	Summit	52.38	8	eP	P	17 22 14.8	-0.1
SUMG	Summit					17 22 27.2	
SVE	Sverdlousov	52.48	317	eP	P	17 22 15.4	0.0
SVE	Sverdlousov					17 22 53.0	0.9s
SVE	Sverdlousov					17 22 1.0	17.0s
ARCES	ARCCESS Array B	52.52	343	P	P	17 22 15.2	-0.4
ARCES	ARCCESS Array B					17 22 1.3	0.9s, baz=43, slow=11, SNR=12
ARCES	ARCCESS Array B					17 23 25.7	+0.3
ARCES	ARCCESS Array B					17 22 4.7	0.0s, baz=46, slow=5.2, SNR=4.5
CMB	Columbia Colle	52.75	75	eP	P	17 22 17.8	0.0
CMB	Columbia Colle					17 22 31.4	20.8s, baz=242, slow=39
CMB	Columbia Colle	52.75	75	eP	P	17 22 17.8	0.0
CMB	Columbia Colle					17 22 50.0	1.4s
CMB	Columbia Colle					17 22 50.0	1.4s
KMI	Kunming	52.78	261	iP	P	17 22 30.8	
KMI	Kunming					17 22 19.3	+1.0
KMI	Kunming					17 22 22.4	-8.0
KMI	Kunming					17 29 42.8	-0.8
KMI	Kunming					17 33 20.8	-1.6
KMI	Kunming					17 22 10.0	0.0s, 1.1s
KMI	Kunming					17 22 130.0	4.1s
KMI	Kunming					17 22 720.0	15.0s
KMI	Kunming					17 22 370.0	15.2s
KMI	Kunming					17 22 840.0	15.4s
BMN	Battle Mountai	52.85	70	eP	P	17 22 18.4	-0.2
BMN	Battle Mountai					17 22 31.6	
BMN	Battle Mountai	52.85	70	eP	P	17 22 18.4	-0.2
BMN	Battle Mountai					17 22 7.9	0.0s, 1.4s
BMN	Battle Mountai					17 22 7.9	0.0s, 1.4s
QLMT	Earthquake Lak	52.92	63	eP	P	17 22 31.6	
QLMT	Earthquake Lak					17 22 19.4	+0.2
PDGK	Podgornoye	52.93	295	P	P	17 22 17.6	-1.3
PDGK	Podgornoye					17 22 19.0	0.9s
GCMT	Greycliff	53.17	61	eP	P	17 22 21.0	+0.1
GCMT	Greycliff					17 22 9.6	0.8s
OTUK	Ortayu	53.21	303	P	P	17 22 34.1	
OTUK	Ortayu					17 22 20.1	-0.9
YFT	Old Faithful	53.49	63	eP	P	17 22 24.5	+1.1
QIZ	Qiongzhong	53.56	250	P	P	17 22 26.3	+2.5
QIZ	Qiongzhong					17 29 59.5	+5.5
QIZ	Qiongzhong					17 30 04.8	-9.3
QIZ	Qiongzhong					17 22 44.0	1.0s
QIZ	Qiongzhong					17 22 270.0	16.8s
ARU	Arti	53.57	318	P	P	17 22 23.1	-0.3
ARU	Arti					17 22 2.1	0.5s, baz=218, slow=22, SNR=16
ARU	Arti	53.57	318	iP	P	17 22 22.7	-0.8
ARU	Arti					17 22 34.8	-0.8
ARU	Arti					17 23 26.8	
ARU	Arti					17 24 21.4	
ARU	Arti					17 29 53.5	+0.3
ARU	Arti					17 33 29.7	-3.5
ARU	Arti					17 22 88.0	1.2s
ARU	Arti					17 22 1.0	19.0s
ARU	Arti	53.57	318	P	P	17 22 23.7	+0.3
ARU	Arti					17 22 53.8	0.5s, SNR=24
ARU	Arti	53.57	318	eP	P	17 22 22.6	-0.8
ARU	Arti					17 22 53.0	0.6s
NVAR	Mina Array Bea	53.64	73	P	P	17 22 25.0	+0.4
NVAR	Mina Array Bea					17 22 15.0	0.8s, baz=296, slow=7.6, SNR=95
NVAR	Mina Array Bea					17 22 35.0	0.8s, baz=293, slow=7.6, SNR=35
H17A	Grant Village	53.67	63	P	P	17 22 25.1	+0.4
H17A	Grant Village					17 22 26.3	+1.7
H17A	Grant Village					17 22 39.1	
H17A	Grant Village					17 22 25.6	+0.6
H17A	Grant Village					17 22 38.5	
ELK	Elko	53.72	69	eP	P	17 22 25.6	+0.6
ELK	Elko					17 22 67.0	1.7s
ELK	Elko					17 22 67.0	1.7s
ELK	Elko					17 22 25.6	+0.6
FLWY	Flagg Ranch	53.82	63	eP	P	17 22 25.1	+0.4
IMW	Indian Meadow	53.82	63	eP	P	17 22 25.7	-0.1
RLMT	Red Lodge	53.84	61	P	P	17 22 25.8	+0.1
RLMT	Red Lodge					17 22 54.0	1.2s
RLMT	Red Lodge	53.84	61	eP	P	17 22 26.2	+0.3
MLAC	Mammoth Lakes	53.91	74	P	P	17 22 26.6	+0.1
MGMT	Dagmar	54.04	55	P	P	17 22 26.5	-0.5
MGMT	Dagmar					17 22 21.0	0.8s
MGMT	Dagmar	54.04	55	eP	P	17 22 26.2	-0.8
MGMT	Dagmar					17 22 39.3	
TPAW	Teton Pass	54.10	64	eP	P	17 22 27.9	0.0
LOHW	Long Hollow	54.19	63	eP	P	17 22 29.0	+0.5
LOHW	Long Hollow					17 22 41.3	
A25A	Svangstu Ranch	54.23	54	P	P	17 22 28.3	-0.1
REDW	Red Top Meadow	54.24	64	eP	P	17 22 29.5	+0.7
REDW	Red Top Meadow					17 22 49.0	1.4s
REDW	Red Top Meadow					17 22 42.3	
LAO	LASA Array	54.28	58	P	P	17 22 28.6	-0.3
LAO	LASA Array					17 22 54.0	0.9s
HVU	Hansel Valley	54.32	66	eP	P	17 22 29.4	0.0

HVU	Hansel Valley	54.32	66	eP	P	17 22 29.4	0.0
HVU	Hansel Valley					17 22 42.0	
HVU	Hansel Valley					17 22 28.8	-0.1
TMCR	Tamitsa	54.34	334	eP	P	17 22 31.7	-0.1
TMCR	Tamitsa					17 22 31.7	-0.1
TIN	Tinaha	54.66	74	P	P	17 22 31.3	-0.4
B25A	Knox Farm, Ray	54.67	55	P	P	17 22 32.0	-0.2
A26A	Wade Farm, Ken	54.76	54	P	P	17 22 31.4	-1.3
BGU	Big Grassy Mou	54.79	67	eP	P	17 22 45.9	
BGU	Big Grassy Mou					17 22 15.0	1.4s
SPUT	South Promonto	54.83	67	eP	P	17 22 33.7	+0.7
SPUT	South Promonto					17 22 64.0	1.5s
SMCC	Simmler	54.90	77	P	P	17 22 33.6	+0.1
SMCC	Simmler					17 22 55.0	
C25A	Freed Ranch, W	55.02	55	P	P	17 22 34.0	-0.1
B26A	Jensen Ranch,	55.04	54	P	P	17 22 33.9	-0.4
YES	Vestal, Richgr	55.04	76	P	P	17 22 34.5	+0.1
SVN	Son La	55.05	258	eP	P	17 22 36.0	+1.2
HWUT	Hardware Ranch	55.09	66	eP	P	17 22 35.1	+0.1
HWUT	Hardware Ranch					17 22 89.0	1.4s
A27A	Ledoux Ranch,	55.10	53	P	P	17 22 35.0	+0.3
GRAC	Grapevine Rang	55.18	74	P	P	17 22 35.8	+0.4
CWC	Cottonwood Cre	55.18	75	P	P	17 22 35.6	0.0
R11A	Troy Canyon, C	55.21	71	P	P	17 22 36.0	+0.1
R11A	Troy Canyon, C					17 22 55.0	SNR=20
R11A	Troy Canyon, C	55.21	71	eP	P	17 22 35.8	-0.1
R11A	Troy Canyon, C					17 22 60.0	1.2s
TKM2	Tokmak 2	55.26	297	eP	P	17 22 34.7	-1.5
TKM2	Tokmak 2					17 22 9.0	0.0s, 0.8s
TKM2	Tokmak 2	55.26	297	eP	P	17 22 34.7	-1.5
TKM2	Tokmak 2					17 22 9.1	0.0s, 0.8s
PKM	Peak Mountain	55.30	77	P	P	17 22 36.4	-0.2
BW06	Boulder Arroy	55.33	63	eP	P	17 22 36.3	-0.4
BW06	Boulder Arroy					17 22 68.0	1.4s
D25A	Fairfield	55.38	56	P	P	17 22 36.3	-0.5
DUG	Dugway	55.42	68	eP	P	17 22 37.6	+0.3
DUG	Dugway					17 22 98.0	1.3s
DUG	Dugway	55.42	68	P	P	17 22 37.7	+0.3
DUG	Dugway					17 22 55.0	SNR=16
DUG	Dugway	55.42	68	eP	P	17 22 37.6	+0.3
DUG	Dugway					17 22 98.0	1.3s
C26A	Peters Farms,	55.48	54	P	P	17 22 37.3	-0.1
C26A	Peters Farms,					17 22 55.0	SNR=7
ISA	Walner Farm, P	55.49	55	P	P	17 22 37.5	-0.1
ISA	Walner Farm, P					17 22 55.0	SNR=7
ISA	Walner Farm, P	55.51	75	eP	P	17 22 37.3	-0.7
ISA	Walner Farm, P					17 22 50.3	
ISA	Walner Farm, P					17 22 52.0	1.1s
ISA	Walner Farm, P	55.51	75	P	P	17 22 37.2	-0.8
ISA	Walner Farm, P					17 22 52.0	1.1s
TCUT	Toone Canyon	55.52	66	eP	P	17 22 38.6	+0.5
DAC	Darwin (Calif)	55.57	74	eP	P	17 22 38.3	-0.2
DAC	Darwin (Calif)					17 22 86.0	1.5s
DAC	Darwin (Calif)	55.57	74	eP	P	17 22 38.3	-0.2
DAC	Darwin (Calif)						

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like F29A Eureka, G28A Parade, AGMN Agassiz Nation, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like UTTA Uttaradit, TAPN Tapejung, MVCO Mesa Verde, etc.

Table with columns: Station ID, Name, Frequency, Power, Modulation, and other technical details. Includes stations like K33A Hardington, DZET Dzerino, R26A Arlington, etc.

P34A	baz=64, SNR=7.3	64.18	58	P	P	17 23 36.2	-1.1
U29A	Walnut Farm, R baz=64, SNR=6.0	64.30	63	P	P	17 23 37.1	-1.1
S31A	Oasis Ranch, S baz=64	64.63	61	P	P	17 23 37.4	-1.0
V28A	Mullinville baz=64	64.34	64	P	P	17 23 37.1	-1.4
S32A	Channing baz=64	64.34	64	P	P	17 23 37.1	-1.4
R33A	Newby Ranch, P baz=64	64.55	60	P	P	17 23 37.8	-2.0
U30A	Olander Ranch, baz=64	64.56	59	P	P	17 23 38.5	-1.4
U30A	WK&E Inc. Balk baz=64	64.56	62	P	P	17 23 38.7	-1.3
P35A	Duane Minner, baz=64	64.60	57	P	P	17 23 38.7	-1.4
IZAR	Zarasai	64.60	335	eP	IAMB	17 23 40.6	+0.8
Q34A	Chapman comp=Z,12nm,0.9s	64.61	58	P	P	17 23 38.5	-1.6
V29A	Stinnett baz=64	64.61	64	P	P	17 23 38.8	-1.5
T31A	Randall Ranch, baz=64	64.63	61	P	P	17 23 38.5	-1.8
KSU1	Kansas State U baz=64	64.64	58	P	P	17 23 38.6	-1.7
O36A	Bolckow baz=64	64.64	56	P	P	17 23 39.0	-1.4
W28A	Vega baz=64	64.72	64	P	P	17 23 40.4	-0.6
VSR	Storozhevoje	64.76	325	eP	S	17 23 40.7	-0.2
VSR				eS	S	17 23 20.2	+2.3
VSR				pmx	pmx		
VSR	comp=Z,110nm,1.2s			pmx	pmx		
VSR	comp=N,90nm,1.0s			pmx	pmx		
VSR	comp=E,50nm,1.1s			smx	smx		
VSR	comp=N,20nm,1.1s			smx	smx		
VSR	comp=Z,7.0nm,1.4s			smx	smx		
VSR	comp=E,10.0nm,0.7s			smx	smx		
ISAL	Salakas	64.79	335	eP	IAMB	17 23 41.9	+0.9
ISAL				IAMB	IAMB	17 23 43.7	
IDID	Didziasalis	64.87	334	eP	IAMB	17 23 42.3	+0.8
IDID				IAMB	IAMB	17 23 44.0	
P36A	Good Intent, A baz=65	64.92	57	P	P	17 23 40.4	-1.7
VORD	Divnogorie	64.93	325	eP	S	17 23 41.9	-0.1
VORD				eS	S	17 32 21.9	+1.8
VORD				pmx	pmx		
VORD	comp=N,50nm,1.0s			pmx	pmx		
VORD	comp=Z,50nm,1.0s			pmx	pmx		
VORD	comp=E,40nm,0.9s			smx	smx		
VORD	comp=Z,3.0nm,0.8s			smx	smx		
VORD	comp=N,10.0nm,0.9s			smx	smx		
R34A	Isabella, Hill baz=65	64.93	59	P	P	17 23 40.5	-1.7
T32A	Huddler Ranch, baz=65	64.95	61	P	P	17 23 41.3	-1.1
IGN	Ignalina	64.97	334	eP	IAMB	17 23 44.0	+0.8
IGN				IAMB	IAMB	17 23 43.8	
PMG	Port Moresby	65.02	197	c/P	pmx	17 23 41.9	-1.0
PMG				pmx	pmx		
PMG	comp=Z,141nm,1.0s			MLR	MLR		
U31A	Nine Bar Ranch baz=65	65.10	62	P	P	17 23 43.2	-0.2
Q35A	Mercer Eighty, baz=65	65.11	58	P	P	17 23 42.0	-1.3
AMTX	Amarillo	65.28	64	P	P	17 23 43.9	-0.7
X28A	Dimmitt baz=65	65.29	65	P	P	17 23 44.1	-0.6
MSTX	Muleshoe	65.41	66	P	P	17 23 45.0	-0.5
MSTX				pmx	pmx		
MSTX	Muleshoe baz=65, SNR=15	65.41	66	eP	P	17 23 45.0	-0.5
MSTX				eP	P	17 23 45.0	-0.5
R35A	Emporia Municipi baz=65	65.44	58	P	P	17 23 44.6	-1.0
S34A	Willow Spring baz=65	65.47	59	P	P	17 23 44.8	-0.9
U32A	Winter Ranch, baz=65	65.53	61	P	P	17 23 45.5	-0.7
X29A	Tulia baz=65, SNR=5.2	65.61	65	P	P	17 23 46.7	-0.1
Y28A	McKinney Farm, baz=66	65.73	65	P	P	17 23 46.4	-1.2
MNTX	Cornudas Mount baz=66, SNR=9.8	65.74	69	P	P	17 23 47.6	+0.1
MNTX				eP	P	17 23 47.6	+0.1
MNTX				eP	P	17 24 01.2	+1.2
R36A	Gordon, Harris baz=66	65.78	58	P	P	17 23 46.2	-1.6
S35A	Otter Creek Ra baz=66	65.88	59	P	P	17 23 46.7	-1.7
U33A	Lingo Farm, Me baz=66	65.94	61	P	P	17 23 47.5	-1.3
T34A	McClaskey Farm baz=66	65.95	60	P	P	17 23 47.7	-1.2
W31A	Holland Ranch, baz=66	65.96	63	P	P	17 23 48.3	-0.7
V32A	Arapaho baz=66	66.01	62	P	P	17 23 48.5	-0.8
X30A	Coker Ranch, T baz=66	66.04	64	P	P	17 23 48.4	-1.2
Y29A	Porterfield Fa baz=66, SNR=5.5	66.08	65	P	P	17 23 49.6	-0.2
Z28A	Tucker Farm, M baz=66	66.14	66	P	P	17 23 48.8	-1.4
S36A	Lake Cedric, C baz=66	66.20	58	P	P	17 23 48.8	-1.7
U34A	Anderson Ranch baz=66	66.23	60	P	P	17 23 48.4	-2.3
V33A	Lossen Ranch, baz=66	66.31	61	P	P	17 23 50.2	-1.0
W32A	Sentinel baz=66, SNR=7.0	66.37	62	P	P	17 23 51.3	-0.3
X31A	McDonald Ranch baz=66	66.37	63	P	P	17 23 51.1	-0.5
T35A	Sooner Cattle baz=66	66.38	59	P	P	17 23 49.9	-1.7
Y30A	Stafford Cattl baz=66	66.47	64	P	P	17 23 51.8	-0.5
Z29A	Hungry Hill Ra baz=66, SNR=13	66.52	65	P	P	17 23 52.3	-0.3
S37A	Fort Scott baz=66	66.56	58	P	P	17 23 51.3	-1.4
T36A	Boggs Farm, Ca baz=66	66.58	59	P	P	17 23 51.6	-1.3
128A	Castleberry Fa baz=66, SNR=14	66.60	66	P	P	17 23 52.6	-0.5
U35A	Pawnee baz=66	66.69	60	P	P	17 23 52.8	-0.8
V34A	Guthrie baz=66	66.71	61	P	P	17 23 52.7	-1.0
Y31A	Rekieta Farm, baz=66	66.74	64	P	P	17 23 53.8	-0.1
W33A	Caddo, Fort Co baz=66	66.75	62	P	P	17 23 53.4	-0.6
Z30A	Sanderson Ranc baz=67, SNR=18	66.81	65	P	P	17 23 53.5	-0.9
X32A	Elmer baz=67	66.89	63	P	P	17 23 54.3	-0.6
WMOK	Wichita Mounta	66.91	62	eP	pP	17 23 54.8	-0.2
WMOK				ePP	pP	17 24 07.9	+0.4
WMOK				pmx	pmx		
WMOK	comp=Z,37nm,1.0s	66.91	62	eP	pP	17 23 54.8	-0.2
WMOK	comp=Z,37nm,1.0s			eP	pP	17 24 07.9	+0.4
129A	Stewart Farms,	66.92	66	P	P	17 23 54.5	-0.6

228A	UT Block 9, Go baz=67	66.93	67	P	P	17 23 54.7	-0.5
SUW	Suwalki	66.93	336	eP	P	17 23 54.9	+0.2
SUW	Suwalki	66.93	336	eP	P	17 23 55.0	+0.2
HDIL	Hopedale	66.99	52	P	P	17 23 54.4	-1.0
T37A	Cheneyville 18 baz=67, SNR=5.6	67.01	58	P	P	17 23 54.2	-1.4
W34A	Bridge Creek, baz=67	67.04	61	P	P	17 23 54.8	-1.0
V35A	Meyer Ranch, C baz=67	67.11	60	P	P	17 23 55.4	-0.9
Y32A	R-W Farms, Ver baz=67, SNR=6.1	67.14	63	P	P	17 23 55.7	-0.7
U36A	Oologah	67.17	59	P	P	17 23 55.6	-1.0
X33A	Lawton baz=67	67.21	62	P	P	17 23 56.0	-0.9
Z31A	Sharp Cattle R baz=67, SNR=6.8	67.30	64	P	P	17 23 56.6	-1.0
130A	Snyder	67.43	65	P	P	17 23 57.5	-0.9
229A	Bryant Ranch, baz=67	67.46	66	P	P	17 23 58.0	-0.6
U37A	Salina baz=67	67.47	59	P	P	17 23 57.5	-1.0
X34A	Smith Ranch, M baz=67	67.51	62	P	P	17 23 58.3	-0.5
TUL1	Tulsa	67.52	60	P	P	17 23 58.1	-0.7
V36A	Jenks baz=67	67.54	60	P	P	17 23 58.1	-0.9
Y33A	Hilltop Ranch, baz=67, SNR=5.1	67.56	63	P	P	17 23 58.2	-1.0
W35A	Tecumseh baz=67	67.57	61	P	P	17 23 57.9	-1.2
Z32A	Haskell baz=67, SNR=5.0	67.66	64	P	P	17 23 58.8	-1.0
131A	Roby baz=68, SNR=5.0	67.67	65	P	P	17 23 59.3	-0.6
329A	Wagon Wheel Ra baz=68	67.74	67	P	P	17 23 59.2	-1.2
SRIT	Nakonsritamara	67.75	253	P	P	17 24 03.3	+2.8
ABKT	Alibek comp=Z,139nm,1.0s,comp=Z,139m	67.79	304	P	P	17 24 00.5	-0.1
GEYT	Alibek comp=Z,313nm,0.6s,SNR=10	67.80	304	P	P	17 24 00.9	+0.3
GEYT		67.80	304	P	P	17 24 00.9	+0.3
GEYT	comp=Z,30nm,0.8s,baz=90,slow=14,SNR=41			LR	LR	17 56 45.5	
U38A	Gravette comp=Z,2um,18.4s,baz=45,slow=39	67.81	58	P	P	17 23 58.9	-1.8
V37A	Hulbert baz=68	67.87	59	P	P	17 23 59.7	-1.4
Z30A	Sterling City baz=68	67.90	66	P	P	17 24 00.1	-1.2
W36A	Wetumka baz=68, SNR=6.6	67.91	60	P	P	17 24 00.7	-0.6
IEMG	Emangholi	67.94	304	eP	P	17 24 01.8	-0.0
KSM	Kuching comp=Z,33nm,1.1s	68.03	239	eP	P	17 24 03.2	+1.0
Y34A	Reagan Ranch, baz=68, SNR=5.2	68.05	62	P	P	17 24 01.2	-0.9
Z33A	Whitaker Ranch baz=68	68.05	63	P	P	17 24 01.1	-1.1
ABTX	Abilene, Hawle baz=68, SNR=5.2	68.10	64	P	P	17 24 02.1	-0.4
ABTX	Abilene, Hawle comp=Z,25nm,1.0s	68.10	64	eP	P	17 24 02.2	-0.4
ABTX				eP	P	17 24 15.6	+0.5
X35A	Drake baz=68	68.11	61	P	pP	17 24 02.1	-0.5
SFIN	Scholer Farm baz=68	68.14	51	P	P	17 24 00.9	-1.7
330A	Mertzong baz=68	68.24	66	P	P	17 24 02.8	-0.7
V38A	Canehill baz=68, SNR=28	68.25	59	P	P	17 24 02.5	-1.0
Z31A	Bronte baz=68	68.28	65	P	P	17 24 03.2	-0.6
X36A	Centrahoma baz=68, SNR=5.1	68.29	61	P	P	17 24 02.9	-0.8
ISHV	Shirvan baz=68	68.31	304	eP	P	17 24 04.6	+0.5
W37A	Quinton baz=68	68.31	60	P	P	17 24 03.3	-0.5
AKASG	Mallu Array Be baz=68, SNR=9.8	68.32	330	P	P	17 24 03.7	+0.1
AKASG				pp	pp	17 24 17.4	+1.4
TRTT	Trang comp=Z,9.6nm,0.5s,baz=29,slow=6.2,SNR=5.6	68.32	252	P	P	17 24 07.1	+3.0
KIEV	Kiev comp=Z,28nm,1.0s	68.33	330	c/P	pmx	17 24 03.6	-0.1
KIEV				pmx	pmx		
KIEV	comp=Z,48nm,1.0s			MLR	MLR		
KIEV	comp=Z,433nm,17.0s			MLR	MLR		
KIEV	Kiev comp=Z,40nm,0.9s	68.33	330	eP	P	17 24 03.4	-0.3
Z34A	Collier Ranch, baz=68	68.42	63	P	P	17 24 03.2	-1.3
Y35A	Marietta baz=68	68.46	62	P	P	17 24 04.1	-0.7
429A	Davenport Ranc baz=68, SNR=13	68.46	67	P	P	17 24 04.3	-0.6
133A	Hamilton Ranch baz=68	68.50	64	P	P	17 24 04.2	-0.8
TXAR	Lajitas Array comp=Z,19nm,0.8s,baz=299,slow=4.5,SNR=124	68.50	70	P	P	17 24 05.3	+0.1
TXAR				pp	pp	17 24 17.9	+0.2
TXAR	comp=Z,44nm,1.1s,baz=298,slow=2.7,SNR=14			LR	LR	17 53 10.3	
IAKL	Akhetad baz=69, SNR=35	68.54	303	eP	P	17 24 05.2	-0.3
ISFR	Sfrayin	68.55	304	eP	P	17 24 04.9	-0.7
GOF	Gofitskoye	68.55	319	i/P	pmx	17 24 06.2	+1.1
GOF				pmx	pmx	17 24 18.3	
GOF				pmx	pmx		
529A	Stev Forest Ra baz=69, SNR=19	68.67	68	P	P	17 24 06.1	-0.2
Z32A	Coleman baz=69, SNR=10	68.67	65	P	P	17 24 05.4	-0.8
430A	Baggett Ranch, baz=69, SNR=12	68.69	67	P	P	17 24 05.5	-0.8
331A	San Angelo baz=69, SNR=9.2	68.71	66	P	P	17 24 05.9	-0.6
X37A	Clayton baz=69	68.77	60	P	P	17 24 05.9	-0.8
CHLP	Chall						

23d 17h

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like 3THS Stebnicka Huta, 734A La Parita Cree, etc.

2010 SEP

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like GOPC comp=Z,400nm,16.7s, 934A Benavides, etc.

1094

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like SKHT Gharneh, IGAR Gherk, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes stations like MORC Moravsky Berou, LANS Liptovska Anna, KRALIC Kraliky, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes stations like MORC Moravsky Berou, LANS Liptovska Anna, KRALIC Kraliky, etc.

ISCJB 23 18:55:42.9.0.5, 32.29N, 01:04:19.02E, 0.03, h0km, Error ellipse: s-maj=5.8km s-min=2.6km az=16.6

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes stations like OJC Ojcow, MORC Moravsky Berou, LANS Liptovska Anna, etc.

ISCJB 23 19:28:24.9.0.5, 32.29N, 01:03:11.53W, 0.05, h14km, 5km, Error ellipse: s-maj=7.9km s-min=4.8km az=150.6

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes stations like CPBX Cerro Prieto, MBIG Mexicali, MBIG Mexicali, etc.

IDC 23 19:34:59.5.0.6, 12.20N, 143.90E, h0km, mb4.2/14, mb1 3.8/12, mb1mx4.1/34, mbtmp4.2/14, MS3.8/12, Ms1 3.8/12, ms1mx3.6/31, Error ellipse: s-maj=20.8km s-min=15.8km az=85.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes stations like GUMO Guam, TMTA Terata, LUWI Luwuk, etc.

PMG 24nm, 0.3s, baz=27, slow=16, SNR=52 19 45 15.5 -0.8

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes stations like WARR Warrungana Arr, ASAR Alice Springs, TORO Torodi Ar, etc.

NIED 23 19:47:00.24:80N, 125:60E, h44km, Mw4.5 Best double couple: M6.85000:1015 NP1.8=125.00000, 848.00000, 7.50.00000, NP2.8=357.00000, 855.00000, 1.126.00000

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes stations like JOGS Gusuakube, JIMJ Miyako jima 2, JIKM Ikemajima, etc.

IDC 23 19:47:59.3.0.6, 24:90N, 125:53E, h52km, 6km, mb4.8/24, MW4.5(NIED), Error ellipse: s-maj=8.2km s-min=5.8km az=139.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes stations like NEIC Neica, NEIC Recheda, MOS Mos, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like CMAR Chiang Mai Arr, SBUM Sibu, GTA Gaotai, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like IGAR Gharneh, IKLH Kolahrod, IPIR Pirpir, etc.

23d 20h

Table with columns for station name, frequency, power, and other technical details. Includes stations like VYHS Vyhne, MORC Moravsky Berou, etc.

AUST 23 20:12:07.0, 35:35'S, 176:53'W, h60km
ISC/JB 23 20:13:04.6, 0:5, 36:85S, 0:04, 177:15E, 0:07, h272km, 3km,
mb3.6/6, Error ellipse: s-maj=8.8km s-min=6.9km az=5.1
IDC 23 20:13:04.3, 1.5, 36:68S, 177:09E, h253km, 8km, mb3.6/6,
mb1 3.8/7, mb1mx3.5/27, mbtmtp4.2/7, Error ellipse:
s-maj=29.9km s-min=15.9km az=53.0
WEL 23 20:13:04.5, 0:5, 36:58S, 177:35E, h252km, 4km, ML4.9/22,
Error ellipse: s-maj=6.5km s-min=5.1km az=0.0
WEL Fell in the Gisborne region, maximum reported intensity

Table with columns for Code, Station Name, Azimuth, Phase ID, Time Res, and other technical details. Includes stations like HAZ Te Kaha, HAZ Hehanea, etc.

23d 21h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Vera Road, Pukenui, Pawanui, Waipukurau, Takapari Road, Wanganui, Lake Rotokare, North Egmont, etc.

ISC 23 20:16:42.6 ± 1.1, 19.5S, 0.3, 169.4E, 0.3, h33km, mb4.0/6, Error ellipse: s-maj=66.0km s-min=23.9km az=145.0

2010 SEP

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Ternate, Gorontalo, Sangihe, Labuana, Sanana, Namlea, Fitzroy Crossi, Warramunga Arr, Alice Springs, Sonm, MKAR, etc.

CSEM 23 20:53:24.0 ± 0.2, 41.85N, 21.05E, h2km, ML2.5, Error ellipse: s-maj=4.4km s-min=3.6km az=37.0

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like Peshkopia, Zatk, Ohrid, Puka, Bajram Curri, Valandovo, Berane, Selova, Nestorio, etc.

CSEM 23 21:16:54.1 ± 1.1, 38.42N, 25.56E, h30km, MD2.6, Error ellipse: s-maj=25.8km s-min=10.3km az=59.0

CPUP Villa Florida 150.93 32 PKPbc PKPbc 22 29 10.2 -0.5 comp=2.2,9nm,0.7s,baz=4.1,slow=3.2,SNR=6.5

DDA 23 22:10:58.6,36.17N,40.45E,h10km,MD3.4 CSEM 23 22:10:59.1,0.4,36.37N,40.48E,h2km,MD3.5,Error ellipse: s-maj=12.2km s-min=5.5km az=165.0

ISC 23 22:10:59.0,36.17N,40.49E,h10km,MD3.5 ISC 23 22:10:58.5,7.3,36.29N,10.04,40.50E,0.02,h1km,gkm,n68,-1575/85,Jordan - Syria region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Lists stations like MARD, MAZI, MARDIN, etc.

IGQ 23 22:40:01.0,3.0,9.2S,-80.71W,h3km,38km,Mb4.0,6C-1D, Error ellipse: s-maj=4.8km s-min=2.0km az=36.0,Near coast of Ecuador

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

ISCJB 23 22:43:42.2,0.5,50.48N,0.09,153.6E,0.1,h206km, mb3.6/14, Error ellipse: s-maj=14.3km s-min=5.4km az=144.5

MOS 23 22:43:43.9,1.5,50.49N,154.07E,h233km,mb3.8/5, Error ellipse: s-maj=25.1km s-min=8.5km az=61.1

KRSC 23 22:43:43.9,1.4,49.72N,155.84E,h246km,ML4.4 IDC 23 22:43:45.9,1.1,50.61N,153.95E,h232km,17km, mb3.4/14, mb1 3.6/16, mb1mx3.4/30, mbtmp4.0/16, Error ellipse: s-maj=15.7km s-min=10.7km az=141.0

ISC 23 22:43:42.7,0.6,50.43N,0.10,153.89E,0.09,h206km,n51, r193/57,mb3.7/14,Kuril Islands

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

MEX 23 22:44:12.0,0.5,16.67N,99.08W,h19km,39km,MD4.2, Near coast of Guerrero

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

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

ATH 23 23:11:34.3,35.72N,22.33E,h11km,1km,MD3.5/14 CSEM 23 23:11:35.2,0.4,35.79N,22.44E,h2km,ML2.7, Error ellipse: s-maj=9.6km s-min=4.4km az=45.0

THE 23 23:11:36.9,35.82N,22.49E,h15km,2km,ML2.7/4, Error ellipse: s-maj=2.6km s-min=1.0km az=114.0

ISCJB 23 23:11:37.1,0.9,35.77N,0.06,22.43E,0.07,h27km, Error ellipse: s-maj=10.8km s-min=4.2km az=42.7

ISC 23 23:11:33.9,1.5,35.70N,0.06,22.30E,0.05,h27km,n58, r128/71,Central Mediterranean Sea

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

TAP 23 23:20:54.1,24.14N,121.71E,h6km,1km,ML1.9,1D,D, Taiwan

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

JMA 23 23:21:26.5,0.2,24.39N,123.41E,h26km,ML2.6, Southwestern Ryukyu Islands

24d 1h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RAO Raoul Island, AFI Afiamalu, URZ 1.4nm,0.3s, etc.

NIED 24 00:39:00, 22°50'N, 120°40'E, h50km, Mw4.0. Best double couple: M1: 0.3000x1015, N1: 180.0000x0.32, 0.0000x1.109, 0.0000x0. NP2: 338.0000x0.860, 0.0000x1.79, 0.0000x0. IDC 24 00:39:12.5, 1.4, 22°43'N, 120°32'E, h0km, Error ellipse: s-maj=45.2km s-min=25.3km az=67.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KAU Kaoshiung, TWP HsiaoIuchi, SGLT Jiouru, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WGW Gukung, TWF1 Yuli, PNG Penghu, etc.

NNC 24 01:20:09.9, 1.5, 43°02'N, 78°03'E, h0km, mb2.5, mpv2.4. Error ellipse: s-maj=52.0km s-min=6.0km az=168.0. KRNET 24 01:20:10.2, 0.1, 42°55'N, 78°04'E, h7km, mb2.4. ISC 24 01:20:08.3, 1.8, 42°7'N, 0.1, 78°10'E, 0.06, h1km, 17km, n11, c=044/17, 16C-SD, Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ANVS Anan'yev, PDGK Podgornoye, ULHL Ulahol, etc.

NEIC 24 01:27:43.1, 0.5, 14°67'N, 93°14'W, h10km, mb4.6/5.1, MD4.2(MEX), Error ellipse: s-maj=8.9km s-min=6.6km az=222.0. ISCJB 24 01:27:47.4, 0.3, 15°04'N, 0°04'93.13W, 0.03, h35km, mb4.5/49, MS3.5/8, Error ellipse: s-maj=7.1km s-min=2.8km az=34.6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MK31 Makanchi Array, KZK Kyzart, KBK Karagaybulak, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PCIG Jato, JAT Comitan, CCGI Comitan, etc.

228A	UT Block 9, Go	19.16 335 P	P	01 32 09.1 -0.4	U28A	Mallet	22.86 341 P	P	01 32 47.2 -2.2	TCUT	Toone Canyon	30.53 332 eP	P	01 33 59.8 +0.4
232A	Haskell	19.19 344 P	P	01 32 09.0 -0.8	S35A	Otter Creek Ra	22.86 354 P	P	01 32 46.8 -2.5	G30A	Faulkton	30.55 352 P	P	01 33 58.5 -0.7
Y35A	Marietta	19.23 350 P	P	01 32 09.0 -1.3	SIUC	Southern Illin	23.00 8 eP	P	01 32 50.1 -0.6	RSSD	Black Hills	30.55 345 eP	P	01 33 58.4 -1.1
129A	Stewart Farms,	19.33 337 P	P	01 32 10.3 -1.1	T30A	Plains	23.00 345 P	P	01 32 49.3 -1.6	R11A	Troy Canyon, C	30.59 324 P	P	01 33 59.5 -0.3
Z31A	Sharp Cattle R	19.38 342 P	P	01 32 10.8 -1.1	U27A	Thompson Grove	23.09 340 P	P	01 32 50.1 -1.8	CWC	Cottonwood Cre	30.86 319 P	P	01 34 01.9 -0.3
Y34A	Reagan Ranch,	19.41 349 P	P	01 32 10.7 -1.5	LAZ	Ladron	23.13 330 eP	P	01 32 52.2 -0.1	H25A	Fruidale	30.91 345 P	P	01 34 01.3 -1.1
128A	Castleberry Fa	19.56 336 P	P	01 32 13.2 -0.7	TZTN	Tazewell	23.21 20 eP	P	01 32 51.0 -2.0	BW06	Boulder Array	31.12 336 eP	P	01 34 03.5 -1.1
MIAR	Mount Ida	19.56 359 P	P	01 32 11.9 -1.9	ANMO	Albuquerque	23.25 332 P	P	01 32 51.5 -2.1	VES	Vestal, Richgr	31.16 317 P	P	01 34 04.4 -0.2
MIAR	Mount Ida	19.56 359 eP	P	01 32 11.8 -2.0	R36A	Gordon, Harris	23.25 332 eP	P	01 32 53.1 -0.4	G27A	Dupree	31.26 348 P	P	01 34 04.5 -1.0
MIAR	Hilltop Ranch,	19.64 347 eS	S	01 35 35.3 -1.8	R35A	Emporia Munic	23.48 354 P	P	01 32 53.4 -2.1	G25A	Newell	31.40 346 P	P	01 34 05.4 -1.4
Z30A	Sanderson Ranc	19.66 340 P	P	01 32 14.2 -0.8	T28A	Walsh	23.50 342 P	P	01 32 54.3 -2.5	HVU	Hansel Valley	31.68 332 eP	P	01 34 09.7 +0.3
X37A	Clayton	19.70 355 P	P	01 32 14.6 -0.7	R34A	Isabella, Hill	23.58 352 P	P	01 32 53.5 -2.0	F26A	Lodgepole	31.86 347 P	P	01 34 09.9 -0.9
X35A	Drake	19.71 351 P	P	01 32 13.8 -1.7	TUC	Tucson	23.60 320 eP	P	01 32 57.2 +0.4	SADO	Sadowa	32.07 19 LR	LR	01 48 01.9
X38A	Whitesboro	19.74 356 P	P	01 32 14.2 -1.5	T27A	Getz	23.64 341 P	P	01 32 56.1 -1.1	D34A	Park Rapids	32.13 357 P	P	01 34 12.1 -0.9
X36A	Centrahoma	19.79 352 P	P	01 32 15.3 -1.0	S29A	Ulysses	23.69 344 P	P	01 32 56.0 -1.6	REDW	Red Top Meadow	32.14 335 eP	P	01 34 13.0 -0.5
OXF	Oxford	19.82 9 eP	P	01 32 16.4 -0.3	S28A	Manter	23.88 343 P	P	01 32 57.9 -1.6	SNOW	Snow King Moun	32.18 336 eP	P	01 34 13.8 0.0
Y32A	R-V Farms, Ver	19.84 345 P	P	01 32 15.5 -1.3	R32A	Long Quarter,	23.93 349 P	P	01 32 57.8 -2.0	E27A	Carson	32.20 349 P	P	01 34 12.6 -1.2
Z29A	Hungry Hill Ra	19.84 339 P	P	01 32 15.9 -1.1	R31A	Burdett	23.95 348 P	P	01 32 57.9 -2.2	NV01	Mina Array Sit	32.24 321 eP	P	01 34 14.7 +0.3
Y31A	Rieketa Farm,	20.02 343 P	P	01 32 17.9 -1.0	Q35A	Mercer Eighty,	23.99 355 P	P	01 32 57.4 -3.0	NVAR	Mina Array Bea	32.24 321 P	P	01 34 15.2 +0.8
X34A	Smith Ranch, M	20.05 349 P	P	01 32 18.0 -1.2	WCI	Wyanottete Cave	24.03 13 eP	P	01 33 01.0 +0.3	LOHW	Long Hollow	32.25 336 eP	P	01 34 14.0 -0.4
MNTX	Cornudas Mount	20.08 328 P	P	01 32 19.2 -0.4	T26A	Comanche Natio	24.03 339 P	P	01 32 60.0 -1.0	TPAW	Teton Pass	32.28 335 eP	P	01 34 14.6 -1.1
MNTX	Cornudas Mount	20.08 328 eP	P	01 32 20.5 +0.9	R30A	Dighton	24.11 346 P	P	01 32 59.6 -2.0	E26A	Carlson Angus	32.41 348 P	P	01 34 14.1 -1.5
Z28A	Tucker Farm, M	20.11 337 P	P	01 32 19.3 -0.7	T25A	Trinidad	24.29 338 P	P	01 33 03.3 -0.1	MOOW	Moose Ponds	32.42 336 eP	P	01 34 15.3 -0.6
W38A	Poteau	20.12 357 P	P	01 32 18.4 -1.5	T25A	Trinidad	24.29 338 eP	P	01 33 03.6 +0.3	FXWY	Fox Creek	32.44 336 eP	P	01 34 15.7 -0.4
X33A	Lawton	20.13 347 P	P	01 32 18.5 -1.5	KSU1	Kansas State U	24.29 354 P	P	01 33 00.1 -3.0	IMW	Indian Meadow	32.62 336 eP	P	01 34 17.1 -0.6
Y30A	Stafford Catti	20.13 341 P	P	01 32 19.5 -0.6	Q33A	Connelly Farm,	24.34 351 P	P	01 33 02.9 -0.8	E25A	Miller Ranch,	32.64 347 P	P	01 34 16.1 -1.5
X32A	Elmer	20.19 345 P	P	01 32 19.8 -1.0	S26A	Kim	24.39 340 P	P	01 33 03.8 -0.5	FLWY	Flagg Ranch	32.68 336 eP	P	01 34 17.0 -1.2
W37A	Quinton	20.25 355 P	P	01 32 20.4 -0.9	Q32A	Meitler Ranch,	24.45 350 P	P	01 33 02.1 -2.5	H17A	Grant Village	32.90 337 P	P	01 34 18.9 -1.2
W36A	Wetumka	20.33 353 P	P	01 32 20.2 -2.1	R29A	Marienthal	24.45 345 P	P	01 33 03.0 -1.8	H17A	Grant Village	32.90 337 eP	P	01 34 18.7 -1.4
Y29A	Porterfield Fa	20.37 339 P	P	01 32 22.2 -0.6	R28A	Tribune	24.55 344 P	P	01 33 04.4 -1.2	D26A	Manning	32.94 348 P	P	01 34 19.2 -1.0
WMOK	Wichita Mounta	20.38 347 eP	P	01 32 21.1 -1.7	P35A	Duane Minner,	24.66 355 P	P	01 33 03.2 -3.3	C31A	Landman Farms,	32.91 354 P	P	01 34 20.1 -0.7
W35A	Tecumseh	20.43 351 P	P	01 32 22.2 -1.1	P36A	Agassiz Intent, A	24.69 356 P	P	01 33 03.7 -3.0	RLMT	Red Lodge	33.04 339 P	P	01 34 20.5 -0.8
GOGA	Godfrey	20.43 24 eP	P	01 32 22.9 -0.4	P34A	Walnut Farm, R	24.75 353 P	P	01 33 04.3 -3.0	AGMN	Agassiz Nation	33.37 357 P	P	01 34 22.5 -1.4
X31A	McDonald Ranch	20.57 344 P	P	01 32 23.8 -1.1	Q30A	Quinter	24.76 347 P	P	01 33 05.3 -2.2	LAO	LASA Array	33.51 344 P	P	01 34 23.8 -1.4
Y28A	McKinney Farm,	20.61 338 P	P	01 32 24.6 -0.8	R27A	Eads	24.79 342 P	P	01 33 06.1 -1.7	B30A	Myrick Farm, E	33.72 354 P	P	01 34 25.9 -1.1
X30A	Coker Ranch, T	20.65 342 P	P	01 32 24.9 -0.9	Q29A	Oakley	24.86 345 P	P	01 33 06.4 -2.0	GCMT	Greycliff	33.77 339 eP	P	01 34 26.4 -1.2
W34A	Bridge Creek,	20.66 349 P	P	01 32 23.7 -2.0	R26A	Arlington	25.00 341 P	P	01 33 09.8 +0.1	HLID	Hailey	33.83 332 P	P	01 34 27.5 -0.7
W34A	Bridge Creek,	20.66 349 eP	P	01 32 23.6 -2.2	P31A	Stockton	25.12 349 P	P	01 33 08.6 -2.1	B28A	Dugan Ranch, T	33.97 351 P	P	01 34 28.1 -1.0
W33A	Caddo, Fort Co	20.71 348 P	P	01 32 25.5 -0.9	SDCO	Great Sand Dun	25.23 337 P	P	01 33 11.6 -0.4	MCMT	McKenzie Canyo	34.16 335 eP	P	01 34 31.2 +0.1
W32A	Sentinel	20.86 346 P	P	01 32 26.4 -1.5	SDCO	Great Sand Dun	25.23 337 eP	P	01 33 11.8 -0.2	A29A	Manning Farm,	34.28 353 P	P	01 34 30.4 -1.4
MSTX	Muleshoe	20.86 337 P	P	01 32 27.3 -0.8	P30A	Selder	25.31 347 P	P	01 33 10.5 -2.0	BOZ	Bozeman (W)	34.35 337 P	P	01 34 31.3 -1.3
MSTX	Muleshoe	20.86 337 eP	P	01 32 26.9 -1.2	Q34A	Beatrice	25.37 354 P	P	01 33 10.9 -2.0	BOZ	Bozeman (W)	34.35 337 eP	P	01 34 31.9 -0.8
V38A	Canehill	20.90 357 P	P	01 32 26.9 -1.5	KSCO	Key Sheddock'	25.41 343 P	P	01 33 12.3 -1.1	A28A	Rude Farm, Bot	34.40 352 P	P	01 34 31.0 -2.0
X29A	Tulia	20.91 340 P	P	01 32 27.6 -1.0	Q26A	Hugo	25.59 341 P	P	01 33 14.2 -1.0	DLMT	Dillon	34.49 336 eP	P	01 34 34.1 +0.2
V36A	Jenks	20.94 354 P	P	01 32 28.2 -1.6	S22A	4UR Ranch, Cre	25.76 335 P	P	01 33 16.4 -0.4	A26A	Wade Farm, Ken	34.67 350 P	P	01 34 33.5 -1.7
V37A	Hulbert	20.96 356 P	P	01 32 27.4 -0.6	P27A	Ficken Ranch,	25.90 343 P	P	01 33 17.0 -0.8	LRM	Limekiln Ridge	34.82 336 eP	P	01 34 35.7 -1.1
V35A	Meyer Ranch, C	21.03 352 P	P	01 32 28.9 -0.8	N34A	Lincoln	26.00 354 P	P	01 33 17.7 -0.9	A25A	Svangstu Ranch	34.90 349 P	P	01 34 35.1 -2.2
TUL1	Tulsa	21.05 354 P	P	01 32 28.9 -1.1	MVCO	Mesa Verde	26.05 331 P	P	01 33 18.9 -0.5	WVOR	Wild Horse Val	35.09 326 eP	P	01 34 39.5 +0.4
TUL1	Tulsa	21.05 354 eP	P	01 32 30.4 +0.4	MVCO	Mesa Verde	26.05 331 eP	P	01 33 18.7 -0.6	ULM	Lac du Bonnet	35.32 357 LR	LR	01 51 27.5
W31A	Holland Ranch,	21.09 345 P	P	01 32 29.4 -1.1	SJG	San Juan	26.13 79 LR	LR	01 43 38.5	O03D	Paynes Creek	35.52 321 P	P	01 34 41.7 -1.1
X28A	Dimmitt	21.15 339 P	P	01 32 30.2 -1.0	Q24A	Divide	26.17 339 P	P	01 33 19.8 -0.8	J08A	Circle Bar Ran	35.66 328 eP	P	01 34 43.6 -0.3
AMTX	Amarillo	21.31 341 P	P	01 32 32.1 -0.8	WUAZ	Wupatki	26.21 325 P	P	01 33 19.8 -1.0	EGMT	Eagleton	35.75 341 P	P	01 34 43.0 -1.6
AMTX	Amarillo	21.31 341 eP	P	01 32 31.8 -1.1	WUAZ	Wupatki	26.21 325 eP	P	01 33 21.4 +0.6	MSO	Missoula	36.23 336 eP	P	01 34 48.3 -0.5
V32A	Lossen Ranch,	21.32 349 P	P	01 32 32.2 -0.8	ATAH	Altahuapla	26.37 145 LR	LR	01 42 21.7	PTGA	Pitinga	36.36 112 P	P	01 34 47.6 -2.5
V33A	Arapaho	21.38 347 P	P	01 32 32.7 -0.9	M35A	Neola	26.56 356 P	P	01 33 22.9 -0.7	M04C	Macdovel	36.46 323 P	P	01 34 50.0 -0.8
U38A	Gravette	21.47 357 P	P	01 32 33.3 -1.2	GLA	Glamis	26.68 316 P	P	01 33 24.7 -0.1	N02D	Trinity Center	36.48 321 P	P	01 34 50.2 -0.7
U37A	Salina	21.48 356 P	P	01 32 33.5 -1.1	PV01	Paradox Valley	26.83 332 eP	P	01 33 27.0 +0.5	M02C	Callahan	36.82 322 P	P	01 34 52.2 -1.6
W29A	Amrath	21.52 341 P	P	01 32 33.7 -1.4	Y12C	Blythe	26.91 318 P	P	01 33 26.4 -0.5	F10A	Beach Ranch, E	36.96 332 eP	P	01 34 54.1 -0.9
U36A	Oologah	21.52 354 P	P	01 32 33.9 -1.1	PDMC	Parker Dam,Lak	27.01 319 P	P	01 33 28.3 +0.4	J05D	Fort Rock, OR	37.08 325 P	P	01 34 55.4 -0.7
V31A	Spring Creek L	21.62 345 P	P	01 32 35.9 -0.2	N27A	Anderson Farm,	27.06 344 P	P	01 33 27.3 -1.0	SAML	Samuel	38.05 127 eP	P	01 35 00.6 -3.8
NHSC	New Hope	21.64 31 eP	P	01 32 37.1 +0.7	OGNE	Ogallala	27.06 345 P	P	01 33 27.3 -1.0	LPZA	La Paz	39.67 140 LR	LR	01 50 41.5
WVT	Waverly	21.68 12 eP	P	01 32 35.8 -1.0	ISCO	Idaho Springs	27.08 339 P	P	01 33 27.6 -1.2	FFC	Flin Flon	40.32 352 eP	P	01 35 21.5 -1.4
W28A	Vega	21.82 340 P	P	01 32 37.5 -0.9	ISCO	Idaho Springs	27.08 339 eP	P	01 33 27.8 -1.0	B05A	Bryant	40.91 330 P	P	01 35 26.9 -1.0
U33A	Lingo Farm, Me	21.88 349 P	P	01 32 37.8 -1.1	L34A	Larsen Farm,	27.11 355 P	P	01 33 27.7 -0.9	SIV	San Ignacio	44.16 133 P	P	01 35 51.6 -3.1
121A	Cookes Peak, D	22.00 325 P	P	01 32 41.2 +0.7	PV04	Paradox Valley	27.20 332 eP	P	01 33 29.7 -0.9	YKA	Yellowknife Ar	49.89 347 P	P	01 36 36.0 -2.7
121A	Cookes Peak, D	22.00 325 eP	P	01 32 41.1 +0.7	PV10	Paradox Valley	27.24 332 eP	P	01 33 30.7 +0.5	CPUP	Villa Florida	53.83 139 P	P	01

Table with columns: VSR, WFOR, WVOR, ASAR, ASAR, ASAR, HLID, BOZ, BOZ, NVAR, KIV, KIV, KIV, KIV, KIV, TPW, LOHW, HWUT, DUG, DUG, AKASG, AKASG, KIEV, KIEV, SHPR, KOLS, KOLS, STHS, UZH, DPC, DPC, BRTR, SDCO, CLL, CLL, BRG, BRG, VYHS, VYHS, PSZ, PSZ, GOPC, GOPC, ANMO, ANMO, KHC, KHC, GERES, GERES, WMOK, WMOK, TXAR, TXAR, ESDC, TORD, Vnda, Vnda, SNA, SNA, BDBF, BDBF, CMJI

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

Table with columns: BLJI, JAGI, GUC, Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC, h, m, s, ISC

ISCJB 24 03:55:37.8:0.8, 23:67S:0:06:68.45W:0:09, h150km, mb3.4/1, Error ellipse: s-maj=12.5km s-min=7.4km az=162.0

IDC 24 03:55:38.4:1.3, 23:72S:67.95W, h101km, mb3.5/2, mb1 3.4/4, mb1mx3.2/23, mbtrmp3.8/4, Error ellipse: s-maj=26.5km s-min=15.5km az=82.0

ISC 24 03:55:39.1:0.7, 23:57S:68.25W, h131km, ML2.6, h142.7

ISC 24 03:55:39.6:1.0, 23:65S:0:07:68.41W:0:09, h150km, n17, 2514/19, Northern Chile

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

NIED 24 04:00:00.33:80N:131:90E, h80km, Mw3.7 Best double couple: M4.310000*10^14 NP1=238.00000*, 833.00000*, lambda=177.00000*, NP2=145.00000*, 888.00000*, lambda=57.00000*

ISCJB 24 04:00:32.9:0.4, 33:76N:0:04:131:87E:0:03, h89km, 4km, mb3.8/3, Error ellipse: s-maj=6.1km s-min=4.4km az=24.0

IDC 24 04:00:33.9:3.1, 33:71N:131:69E, h80km, 37km, mb3.3/0, mb1 3.5/5, mb1mx3.2/29, mbtrmp3.5/5, Error ellipse: s-maj=28.7km s-min=23.8km az=40.0

JMA 24 04:00:34.4, 33:78N:131:87E, h80km, 1km, M3.4 Broadband fault plane solution: P waves: NP1: phi=141.00000*, delta=0.00000*, lambda=83.00000*, NP2: phi=288.00000*, delta=0.00000*, lambda=122.00000*, Principal axes: T P1g34.00000*, Azm225.00000*, N P1g7.00000*, Azm319.00000*, P P1g55.00000*, Azm59.00000*

JMA Felt J1, KMA 24 04:00:40.5, 34:16N:131:14E, h0km

ISC 24 04:00:34.1:0.9, 33:75N:0:04:131:87E:0:04, h82km, 6km, n42, 0961/56, mb4.0/3, 10C-2D, Kyushu

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

Table with columns: KSGWJ, KSJEU, KSCHU, KSCHJ, KSRS, KSRS, SEHB, MAT, MJAR, MJAR, WRA, ILAR, ASAR

MDD 24 04:00:58.6:2.0, 37:13N:13:19W, h0km, mb3.9/4, Error ellipse: s-maj=18.5km s-min=16.2km az=41.0, PRXIMO IGL 24 04:00:59.2, 37:15N:13:23W, h4km, ML1.6 INMG 24 04:01:00.7:1.0, 36:96N:13:53W, h10km, ML2.2, Error ellipse: s-maj=6.0km s-min=3km az=87.0

CSEM 24 04:01:01.5:0.4, 37:26N:12:95W, h10km, ML2.7/13, Error ellipse: s-maj=6.9km s-min=5.8km az=58.0

ISC 24 04:00:57.1:3.5, 37:17N:0:09:132W:0:2, h10km, n79, 0161/130, Azores-Cape St. Vincent Ridge

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

24d 9h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like THZ Tophouse, DSZ Denniston Nort, ODZ Otahua Downs, etc.

KRSC 24 08:06:24.6-0.9,52.72N-160.02E,h44km,1.0km,ML3.5, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SPN Mys Shipunski, NLC Nalytchevo, UGLR Uglovaya, etc.

CSEM 24 08:08:43.2-1.2,37.10N-39.36E,h10km,MD3.0, Error ellipse: s-maj=30.7km s-min=11.4km az=174.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like URFA Urfa, ATAB Bozova, MAZI Mazidag, etc.

2010 SEP

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

IDC 24 08:11:00.5-3.0,5.88S-151.95E,h0km,mb3.3/2, mb1 3.7/3,mb1mx3.3/31,mbtmp3.5/3,ML1.7/1, Error ellipse: s-maj=113.4km s-min=42.0km az=131.0, New Britain region

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

NNC 24 08:21:52.2-5.0,53.44N-90.45E,h0km,mb4.1,mpv3.8, Error ellipse: s-maj=16.6km s-min=14.0km az=179.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, ZALV Talaya, etc.

ISK 24 08:55:16.3-37.00N-27.96E,h20km,MD2.5, ISCJB 24 08:55:17.2-0.7,37.02N-0.05-27.97E-0.03,h0km, Error ellipse: s-maj=7.4km s-min=3.9km az=3.9

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

ISC 24 08:55:16.8-1.2,36.99N-0.04-27.92E-0.03,h0km,n14, c053Z/22, Dodecanese Islands

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

ISCJB 24 09:00:20.4, 6.98N-73.04W,h161km, MW3.7, FUNV 24 09:00:20.9, 6.69N-73.30W,h179km,30km,mb2.8/1, mb1 3.4/2,mb1mx3.0/22,mbtmp3.5/2, Error ellipse: s-maj=108.0km s-min=34.4km az=73.0

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

1110 ellipse: s-maj=17.5km s-min=10.7km az=179.0, Mining explosion.

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

MEX 24 09:18:12.4-0.8, 15.69N-91.44W,h72km,17km,MD3.9, Mexico-Guatemala border region

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

ISK 24 09:19:28.3, 38.51N-37.49E,h7km,MD2.7, ISCJB 24 09:19:29.2-0.8, 38.56N-0.05-37.41E-0.06,h8km,5km, Error ellipse: s-maj=10.1km s-min=5.8km az=35.8

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DARE Darende-Malaty, DARE Darende-Malaty, DARE Darende-Malaty, etc.

ISC 24 09:19:29.1-1.0, 38.58N-0.04-37.47E-0.04,h7km,5km, n13, c0935/21, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DARE Darende-Malaty, DARE Darende-Malaty, DARE Darende-Malaty, etc.

CASC 24 09:19:41.8-0.8, 9.57N-85.04W,h8km,4km,MD3.7, 1C-2D, Off coast of Costa Rica

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JCR Jicaral, JCR Jicaral, CGAZ Cerro Gallo 2, etc.

HEL 24 09:49:58.4-0.4, 6.758N-34.00E,h0km,ML2.3, Explosion CSEM 24 09:49:59.6, 1.0, 6.751N-33.47E,h2km,ML3.0, Error ellipse: s-maj=19.9km s-min=7.8km az=95.0, Mining explosion.

KOLA 24 09:49:59.5, 6.74N-33.91E,h0km, NAO 24 09:50:00.1, 1.6, 6.770N-33.73E,ML3.0

ISC 24 09:49:56.6-2.1, 6.760N-0.05-34.2E-0.1,h0km,n27, c1939/47, Baltic States - Belarus - Northwestern Russia

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

AKTO	comp=Z,4.5nm,0.8s	26.67 308	P	P	13 48 51.6	+0.2
AKTO	comp=Z,3.8nm,0.7s,baz=96,slow=11,SNR=14		LR	LR	14 00 27.0	
AKTO	comp=Z,2.80nm,19.3s,baz=323,slow=39		LR	LR	13 48 51.6	+0.2
AKTO	comp=Z,4.0nm,0.7s		pmax	pmax		
AKTO	comp=Z,80nm,19.3s		MLR	MLR		
SVE	comp=Z,12nm,0.9s	27.57 322f	eP	pmax	13 49 00.2	+0.8
ARU	Arti	28.41 320	P	P	13 49 06.8	-0.1
ARU	Arti	28.41 320f	P	P	13 49 06.9	-0.1
ARU			S	S	13 49 52.5	
ARU			SS	SS	13 53 55.6	+1.8
ARU			pmax	pmax	13 55 09.9	-1.6
ARU	comp=Z,1.7nm,1.7s	28.41 320	eP	P	13 49 06.7	-0.1
ARU	comp=Z,3.2nm,0.7s	28.41 320	eP	P	13 49 12.1	+3.8
KSAR	Wonju Array Be	28.55 80	pP	P	13 49 12.1	+3.8
KSAR	Wonju Array Be	28.55 80	pP	P	13 49 12.1	+3.8
KSRS	Korea Array	28.57 80	pP	pP	13 49 12.1	+0.5
KSRS	comp=Z,1.1nm,0.8s,baz=286,slow=8.6,SNR=3.1		LR	LR	14 01 38.3	
BRTR	Keskin Array B	44.38 291	P	P	13 51 23.3	+0.1
BRTR	Keskin Array B	44.38 291	P	P	13 51 23.3	+0.1
BRTR			pmax	pmax		
AKASG	Malin Array Be	44.91 307	P	P	13 51 26.4	-0.7
AKASG	comp=Z,0.7nm,0.3s,baz=84,slow=7.2,SNR=3.4		P	P	13 51 26.4	-0.7
AKASG	comp=Z,1.0nm,0.4s	44.91 307	P	pmax	13 51 26.4	-0.7
KIEV	Kiev	44.92 307f	eP	P	13 51 27.3	+0.1
KIEV			pmax	pmax		
VSU	comp=Z,2.0nm,0.5s	45.52 318f	eP	P	13 51 30.7	-1.1
VSU			pmax	pmax		
FINES	comp=Z,3.8nm,1.0s	45.75 322	P	P	13 51 33.2	-0.4
FINES	FINES Array B	45.75 322	P	P	13 51 38.5	+1.7
FINES	comp=Z,4.5nm,0.9s,baz=103,slow=8.4,SNR=10		pP	pP	13 51 38.5	+1.7
FINES	comp=Z,1.0nm,0.4s,baz=97,slow=7.6,SNR=2.2		P	P	13 51 33.2	-0.4
FINES	FINES Array B	45.75 322	P	pP	13 51 38.5	+1.7
FINES	comp=Z,5.0nm,0.9s		pmax	pmax		
ARCES	comp=Z,1.0nm,0.4s	46.39 334	P	P	13 51 38.3	-0.3
ARCES	ARCES Array B	46.39 334	P	pP	13 51 43.6	+1.9
ARCES	comp=Z,4.2nm,1.1s,baz=92,slow=6.5,SNR=6.1		pP	pP	13 51 43.6	+1.9
ARCES	comp=Z,6.4nm,1.2s,baz=92,slow=7.2,SNR=1.5		P	P	13 51 38.3	-0.3
ARCES	ARCES Array B	46.39 334	P	pP	13 51 43.6	+1.9
ARCES	comp=Z,4.0nm,1.1s		pmax	pmax		
MORC	comp=Z,6.0nm,1.2s	52.41 308	eP	P	13 52 24.1	-0.8
MORC	Moravsky Berou	52.41 308	eP	pmax	13 52 24.1	-0.8
MORC	comp=Z,4.9nm,0.5s	52.41 308	eP	P	13 52 24.1	-0.8
MORC	Moravsky Berou	52.41 308	eP	P	13 52 24.1	-0.8
NB2	comp=Z,4.9nm,0.5s	52.91 323	P	P	13 52 27.4	-1.0
NB2	NORSAR Subarra	52.91 323	P	P	13 52 27.4	-1.0
NOA	comp=Z,2.5nm,0.5s,baz=76,slow=7.4		P	P	13 52 27.5	-1.0
NOA	NORSAR Array B	52.91 323	P	pP	13 52 27.5	-1.0
NOA	comp=Z,4.2nm,0.7s,baz=77,slow=7.4,SNR=12		pP	pP	13 52 27.5	-1.0
NOA	comp=Z,1.4nm,0.4s,baz=76,slow=7.5,SNR=3.3		P	P	13 52 33.0	+1.4
NOA	NORSAR Array B	52.91 323	P	pP	13 52 27.5	-1.0
NOA	comp=Z,4.0nm,0.7s		pmax	pmax	13 52 33.0	+1.4
NOA	comp=Z,1.0nm,0.4s		pmax	pmax		
VRAC	comp=Z,9.2nm,18.4s,baz=356,slow=96	53.15 308	LR	LR	14 15 37.2	
VRAC	Colim	54.69 311	eP	P	13 52 41.0	-0.5
CLL	comp=Z,5.0nm,1.0s	54.69 311	eP	pmax	13 52 41.0	-0.5
CLL	Colim	54.69 311	eP	P	13 52 41.0	-0.5
GERES	comp=Z,5.0nm,1.0s	55.09 308	P	P	13 52 44.6	0.0
GERES	GERES Array B	55.09 308	P	pP	13 52 44.6	0.0
GERES	comp=Z,0.9nm,0.6s,baz=62,slow=6.2,SNR=8.8		pP	pP	13 52 44.6	0.0
GERES	GERES Array B	55.09 308	P	pmax	13 52 44.6	0.0
ILAR	comp=Z,1.0nm,0.6s	67.59 23	P	P	13 54 08.0	-0.9
ILAR	Eielson Array	67.59 23	P	pP	13 54 13.5	+1.4
ILAR	comp=Z,1.2nm,0.8s,baz=299,slow=5.3,SNR=9.5		pP	pP	13 54 08.0	-0.9
ILAR	Eielson Array	67.59 23	P	pP	13 54 13.5	+1.4
ILAR	comp=Z,1.0nm,0.8s		pmax	pmax		
ILAR	comp=Z,2.0nm,0.8s		pmax	pmax		
INK	comp=Z,2.0nm,0.8s	68.51 16	P	P	13 54 13.7	-0.8
INK	Inuvik	68.51 16	P	pP	13 54 19.5	+1.8
INK	comp=Z,2.0nm,0.8s,baz=14,slow=7.7,SNR=4.2		pP	pP	13 54 19.5	+1.8
INK	Inuvik	68.51 16	P	pP	13 54 13.7	-0.8
INK	comp=Z,1.9nm,0.7s,baz=337,slow=11,SNR=3.4		pP	pP	13 54 19.5	+1.8
INK	Inuvik	68.51 16	P	pP	13 54 13.7	-0.8
INK	comp=Z,2.0nm,0.8s		pmax	pmax		
WRA	comp=Z,2.0nm,0.7s	70.46 137	P	P	13 54 25.5	-1.7
WRA	Warramunga Arr	70.46 137	P	pP	13 54 30.9	+0.4
WRA	comp=Z,1.2nm,1.0s,baz=330,slow=5.7,SNR=8.3		pP	pP	13 54 30.9	+0.4
WRA	Warramunga Arr	70.46 137	P	pP	13 54 25.5	-1.7
WRA	comp=Z,2.1nm,1.0s,baz=330,slow=5.9,SNR=8.7		pP	pP	13 54 30.9	+0.4
WRA	Warramunga Arr	70.46 137	P	pmax	13 54 30.9	+0.4
WRA	comp=Z,1.0nm,1.0s		pmax	pmax		
ESDC	comp=Z,2.0nm,1.0s	70.52 305	P	P	13 54 26.6	-0.9
ESDC	Sonsec Array	70.52 305	P	P	13 54 26.6	-0.9
ASAR	comp=Z,0.4nm,0.3s,baz=50,slow=6.5,SNR=9.3		P	P	13 54 42.8	-1.4
ASAR	Alice Springs	73.30 140	P	P	13 54 48.5	+1.0
ASAR	comp=Z,1.1nm,0.6s,baz=327,slow=6.1,SNR=15		pP	pP	13 54 48.5	+1.0
ASAR	Alice Springs	73.30 140	P	pP	13 54 42.8	-1.4
ASAR	comp=Z,1.8nm,0.7s,baz=330,slow=6.1,SNR=15		pP	pP	13 54 48.5	+1.0
ASAR	Alice Springs	73.30 140	P	pP	13 54 42.8	-1.4
ASAR	comp=Z,1.0nm,0.6s		pmax	pmax		
ASAR	comp=Z,2.0nm,0.7s		pmax	pmax		
TORD	comp=Z,0.8nm,0.6s,baz=47,slow=4.7,SNR=7.9	81.91 280	P	P	13 55 31.4	-1.2
TORD	Torodi Arr Be	81.91 280	P	P	13 55 31.4	-1.2
CPUP	comp=Z,3.5nm,0.6s,baz=4.5,slow=1.0,SNR=11	151.29 285	PKP	PKP	14 03 04.9	+4.5
CPUP	Villa Florida	151.29 285	PKP	PKP	14 03 04.9	+4.5
CPUP	comp=Z,3.5nm,0.6s,baz=4.5,slow=1.0,SNR=11		pmax	pmax	14 03 04.9	+4.5
CPUP	Villa Florida	151.29 285	pmax	pmax	14 03 04.9	+4.5

KRSC 24 13:53:54.6-0.7,55:19N;160:34E,h=2km,4km,ML3.7,

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
KZV	Kizimen	0.8 198	eP	Pg	13 53 57.6	+1.1
TUMR	Tumrok	0.14 309	iP	Pg	13 53 59.0	+1.4
TUMR			eS	Pg	13 54 01.8	+2.2
BZMR	Bezmyannaya	0.75 7	eP	Pb	13 54 11.2	+0.4
BZMR			eS	Pb	13 54 23.9	+1.6
KIRR	Kirishyev	0.76 0	eP	Sb	13 54 10.9	-0.1
KIRR			eS	Sb	13 54 22.6	+0.5
BZWR	Bezmyanniy-We	0.78 7	eP	Sb	13 54 11.7	+0.4
BZWR			eS	Sb	13 54 24.6	-1.1
KPT	Kopyto	0.78 355	eP	Pb	13 54 11.5	+0.3
KPT			eS	Pb	13 54 24.2	+1.3
KOZ	Kozyrevsk	0.91 343	eP	Pb	13 54 13.4	+0.1
KOZ			eS	Pb	13 54 27.5	-1.0
MKZ	Mys Kozlova	1.03 128	eP	Pg	13 54 14.2	-0.1
MKZ			eS	Pg	13 54 28.6	-0.6
KLY	Klyuchi	1.14 9	eP	Pn	13 54 17.5	-0.3

KLY	SRDR	Sredniny	1.18 343	eS	Pn	13 54 34.3	+0.2
SRDR				eP	Pg	13 54 17.3	-0.1
SRDR				eS	Pg	13 54 33.6	-0.3
ESO	Esso		1.19 309	eP	Pg	13 54 16.9	-0.5
ESO				eS	Pg	13 54 33.3	+0.5
KH	Karymskiy		1.27 204	eP	Pn	13 54 19.9	+0.2
KH				eS	Pn	13 54 38.6	+1.0
BDR	Baidarnaya		1.46 19	eP	Pb	13 54 23.4	+0.5
SMKR	Semkarok		1.53 24	eP	Pg	13 54 23.9	-0.1
SMKR				eS	Pg	13 54 46.1	+2.0
SRKR	Sorokina		1.54 17	eP	Pb	13 54 24.1	0.0
SRKR				eS	Pb	13 54 45.9	+1.7
KBTR	Krutoberegovo		1.73 53	eP	Pn	13 54 26.0	0.0
KBTR				eS	Pn	13 54 48.8	0.0
GNL	Ganally		2.05 224	eP	Pn	13 54 31.1	+0.5
GNL				eS	Pb	13 54 58.4	-0.7
KRX	Arik		2.09 209	eP	Pb	13 54 32.4	-1.2
SDLR	Sedlovina		2.10 205	eP	Pb	13 54 32.9	-0.9
SDLR				eS	Pb	13 55 02.0	-0.4
NLC	Nalytchevo		2.11 196	eP	Pb	13 54 32.5	-1.2
NLC				eS	Pb	13 55 00.4	0.0
SMAR	Somma		2.13 206	eP	Pb	13 54 33.7	-0.8
SMAR				eS	Pb	13 55 02.4	+0.7
AVH	Avacha		2.15 207	eP	Pb	13 54 33.9	-0.6
KOK	Koryaka		2.15 208	eP	Pb	13 54 33.7	-0.9
UGLR	Uglovaya		2.18 205	eP	Pb	13 54 35.2	+0.1
PET	Petrovoplovsk		2.19 205	eP	Pb	13 54 37.5	-1.0
PET				eS	Pb	13 55 09.3	+0.9
APC	Apacha		2.95 221	eP	Pn	13 54 44.4	+1.8
RUS	Russkaya		2.97 202	eP	Pn	13 54 44.9	+1.9
RUS				eS	Pb	13 55 22.6	-2.6

IDC 24 13:58:33.5-6.1,44:29N;45:46E,h0km, Error ellipse: s-maj=215.9km s-min=42.0km az=163.0, Ukraine - Moldova - Southwestern Russia region

Code	Station Name	Δ° AZ°	Phase ID	ISC	Time	Res
					h m s	ISC
KBZ	Khabaz	1.94 254	Pg	Pg	13 59 11.9	+1.4
KBZ	comp=Z,0.5nm,0.3s,baz=77,slow=8.7,SNR=12		Lg	Lg	13 59 34.5	
KBZ	0.5nm,0.3s,baz=186,slow=18,SNR=3.5		Lg	Lg	13 59 34.5	
I3IKZ	AKTYUBINSK INF 1049	50 i			15 02 10.0	
I3IKZ	comp=Z,2.36nm,0.5s,baz=316,SNR=2.2				16 40 49.4	
I46RU	ZALESOVO INFRA22.18	55 i			16 40 49.4</	

Table with columns: QIZ, QIZ, 230nm, 23.2s, S, Ln, Sn, 18 01 38.8 +0.7, etc. Lists various astronomical observations with station names, coordinates, and times.

Table with columns: KURK, AAK, AAK, 43.23 320, P, P, 18 04 18.4 -2.8, etc. Lists astronomical observations from Kurchatov and Ala-Archa stations.

Table with columns: GEMT, GEMT, 0.17 333, ePg, Pg, 18 24 19.9 +0.3, etc. Lists astronomical observations from Gemlik station.

NHSC	comp=Z,613nm,0.9s	eP	pP	19 09 33.3	-1.1
NHSC		eSP	sP	19 09 51.5	-0.1
035Z	Hargill	P	P	19 09 02.7	+1.0
035A	Encino	P	P	19 09 05.7	+0.8
035A	baz=42,SNR=8.4	S	S	19 15 10.9	+1.5
738A	Farr-Stevens R	P	P	19 09 08.5	+1.0
GOGA	Godfrey	eP	pP	19 09 07.8	-0.1
GOGA		ePP	pP	19 09 41.8	+0.4
GOGA		eSP	sP	19 09 57.4	-1.1
GOGA		e	pmx	19 11 00.3	
GOGA	Godfrey	eP	P	19 09 07.8	-0.1
GOGA	comp=Z,122nm,0.8s				
GOGA	comp=Z,122nm,0.8s	eP	sP	19 09 41.8	+0.4
GOGA		eSP	pP	19 09 57.4	-1.1
GOGA		ePcP	PcP	19 11 00.3	-0.4
KVTX	Kingsville	eP	P	19 09 10.2	+2.3
034A	Hebbronville	P	P	19 09 09.2	+0.8
737A	Port Lavaca	P	P	19 09 11.5	+1.5
540A	Vidor	P	P	19 09 12.2	+1.4
934A	Benavides	P	P	19 09 12.3	+1.3
JSC	Jenkinsville	eP	pmx	19 09 12.0	+0.4
JSC	comp=Z,506nm,2.2s	eP	P	19 09 12.0	+0.4
JSC	Jenkinsville	eP	P	19 09 12.0	+0.4
835A	Beeville	P	P	19 09 13.6	+1.1
539A	Cross D Ranch,	P	P	19 09 13.8	+1.1
736A	Circle Diamond	P	P	19 09 15.0	+1.2
637A	Eagle Lake	P	P	19 09 14.9	+0.8
933A	Laredo	P	P	19 09 15.0	+0.6
VBMS	Vicksburg	P	P	19 09 16.0	+1.7
440A	Kirbyville	P	P	19 09 15.1	+0.7
834A	Tilden	P	P	19 09 15.4	+0.9
HKT	Hockley	eP	P	19 09 15.9	+0.3
HKT		pmx	pmx	19 11 03.4	
HKT	comp=Z,258nm,2.1s	eP	P	19 09 15.9	+0.3
HKT	comp=Z,258nm,2.1s	eP	P	19 09 15.9	+0.3
735A	Kenedy	ePcP	PcP	19 11 03.4	-0.4
538A	Harpers Horsep	P	P	19 09 16.8	+0.7
538A	baz=43,SNR=15	P	P	19 09 17.2	+1.0
636A	Smothers Creek	P	P	19 09 18.2	+1.0
439A	Center Grove,	P	P	19 09 18.5	+0.9
537A	Green Hill Far	P	P	19 09 19.0	+0.7
KMSC	Kings Mountain	P	P	19 09 18.9	+0.3
KMSC	baz=44,SNR=48	P	P	19 09 18.5	0.0
340A	Bronson	P	P	19 09 18.5	-0.4
734A	La Parita Cree	P	P	19 09 19.5	+0.3
833A	Chaparral WHA,	P	P	19 09 19.7	+0.3
635A	Leesville	P	P	19 09 19.6	+0.1
438A	Sam Houston St	P	P	19 09 20.4	+0.6
399A	Huntington	P	P	19 09 21.0	+0.4
536A	Bastrop	P	P	19 09 21.5	+0.3
733A	Divot King Ran	P	P	19 09 21.5	0.0
832A	Faith Ranch, C	P	P	19 09 21.6	-0.1
634A	China Grove, S	P	P	19 09 22.1	+0.3
437A	Phantom Ranch,	P	P	19 09 23.3	+0.6
535A	Dale	P	P	19 09 23.4	+0.5
338A	Crockett	P	P	19 09 23.9	+0.5
NATX	Nacogdoches	P	P	19 09 24.3	+0.4
NATX	comp=Z,186nm,1.4s	eP	P	19 09 25.0	+1.2
732A	Laxson Ranch,	P	P	19 09 24.3	-0.1
436A	Wall Ranch, Ga	P	P	19 09 25.5	+0.7
239A	Gary	P	P	19 09 25.2	+0.2
337A	Centerville	P	P	19 09 26.0	+0.9
CPCT	Cooper Cave	eP	P	19 09 24.6	-0.8
CPCT		eP	pP	19 09 59.6	+0.4
CPCT		ePcP	PcP	19 11 07.4	-0.6
633A	Saathoff Ranch	P	P	19 09 26.0	+0.3
TKL	Tuckaleechee C	P	P	19 09 25.3	-0.6
TKL	Tuckaleechee C	P	P	19 09 25.3	-0.6
SWET	Sewanee	eP	P	19 09 24.6	-1.5
SWET	comp=Z,24nm,0.8s	eP	pP	19 10 00.0	+0.1
534A	Blanco	ePcP	PcP	19 11 07.8	-0.5
238A	Jacksonville	P	P	19 09 26.6	+0.1
435B	Jarell	P	P	19 09 27.8	+0.7
OXF	Oxford	P	P	19 09 28.3	+0.4
OXF		e	P	19 09 26.2	-2.1
OXF		pmx	pmx	19 11 08.1	
OXF	comp=Z,128nm,1.1s	eP	P	19 09 26.2	-2.1
OXF	comp=Z,128nm,1.1s	ePcP	PcP	19 11 08.1	-1.1
632A	Uvalde	P	P	19 09 29.2	+0.6
533A	Kerrville	P	P	19 09 29.3	+0.3
336A	Riesel	P	P	19 09 29.5	+0.5
139A	Bunkhouse Ranc	P	P	19 09 30.0	+0.7
237A	Washetta, Mont	P	P	19 09 30.2	+0.8
335A	Moody	P	P	19 09 31.0	+0.4
434A	Burnet	P	P	19 09 31.0	+0.2
631A	Perdido Creek	P	P	19 09 31.7	+0.4
138A	Matatal Enter	P	P	19 09 32.0	+0.6
236A	Katherine and	P	P	19 09 32.4	+0.4
TZTN	Tazewell	eP	P	19 09 31.8	-0.6
239A	Irene McRaven,	P	P	19 09 32.6	+0.1
532A	Rocksprings	P	P	19 09 33.3	+0.4
137A	Heron Place, G	P	P	19 09 33.8	+0.5
433A	Art	P	P	19 09 33.4	-0.2
VWOC	Virginia Weste	eP	P	19 09 33.8	+0.1

BLA	Blacksburg	45.15 353	eP	P	19 09 34.1	+0.3
BLA			e		19 11 12.3	
BLA	comp=Z,198nm,0.7s	45.15 353	eP	P	19 09 34.1	+0.3
BLA	Blacksburg	45.15 353	eP	P	19 09 34.1	+0.3
BLA	comp=Z,198nm,0.7s	45.15 331	ePcP	PcP	19 11 12.3	+0.6
334A	Lometa	45.15 331	P	P	19 09 34.1	+0.1
URVA	University of	45.24 356	eP	P	19 09 35.1	+0.6
JCT	Junction City	45.24 328	eP	P	19 09 34.9	+0.2
JCT			e		19 11 12.4	
JCT	comp=Z,44nm,0.8s	45.24 328	P	pmx	19 09 34.8	0.0
JCT	Junction City	45.24 328	eP	P	19 09 34.9	+0.2
JCT	comp=Z,44nm,0.8s	45.31 333	ePcP	PcP	19 11 12.4	+0.2
136A	Ennis	45.31 333	P	P	19 09 35.4	+0.3
Z38A	Mt. Pleasant	45.31 335	P	P	19 09 35.4	+0.2
WHTX	Lake Whitney	45.33 332	P	P	19 09 35.8	+0.5
WHTX	Lake Whitney	45.33 332	eP	P	19 09 35.3	0.0
WHTX	comp=Z,118nm,0.3s	45.39 327	ePcP	PcP	19 11 12.1	-0.2
531A	Rocksprings	45.39 327	P	P	19 09 36.1	+0.2
333A	Richland Sprin	45.51 330	P	P	19 09 36.3	-0.5
WVT	Waverly	45.51 345	eP	pmx	19 09 34.4	-2.3
WVT	comp=Z,66nm,1.1s	45.51 345	eP	P	19 09 34.4	-2.3
WVT	Waverly	45.53 335	P	P	19 09 37.0	+0.1
Z37A	Pogue Cattle C	45.53 335	P	P	19 09 36.7	-0.5
432A	Menard	45.56 329	P	P	19 09 37.0	-0.1
Y39A	Lockesburg	45.56 337	P	P	19 09 37.0	-0.1
UALR	University of	45.65 339	eP	P	19 09 36.2	-1.5
UALR	comp=Z,120nm,0.9s	45.66 331	ePcP	PcP	19 11 13.2	-0.2
234A	Clairette	45.66 331	P	P	19 09 38.1	+0.2
EFI	East Falkland	45.74 166	eP	pmx	19 09 40.1	+1.8
EFI			pmx	pmx	19 09 39.9	+1.6
EFI	comp=Z,131nm,1.2s	45.74 166	P	P	19 09 39.0	+0.8
EFI	East Falkland	45.74 166	eP	P	19 09 38.9	+0.1
135A	Vickery Place,	45.78 332	P	P	19 09 37.9	-1.0
HBAR	Harrisburg	45.80 341	eP	P	19 09 38.0	-1.0
Y36A	Idabel	45.80 336	P	P	19 09 38.8	-0.3
530A	J-C Ranch, Com	45.80 327	P	P	19 09 39.7	+0.4
431A	East Falkland	45.83 328	P	P	19 09 39.7	+0.4
CBN	Corbin	45.86 357	eP	P	19 09 38.8	-0.9
MIAR	Mount Ida	45.90 338	eP	pmx	19 09 38.9	-0.9
MIAR			pmx	pmx	19 09 38.8	-0.9
MIAR	comp=Z,40nm,0.8s	45.90 338	P	P	19 11 14.4	+0.1
MIAR	Mount Ida	45.90 338	eP	P	19 09 40.0	-0.2
MIAR	Mount Ida	45.90 338	eP	P	19 11 14.4	+0.1
332A	Millersview	45.94 329	ePcP	PcP	19 09 40.4	+0.3
Z36A	Blue Ridge	45.94 334	P	P	19 09 40.9	0.0
233A	Rising Star	46.03 331	P	P	19 09 42.4	+0.2
GLAT	Glass	46.05 343	eP	P	19 09 42.1	-0.3
134A	White-Moore Ra	46.10 332	P	P	19 09 42.7	+0.1
Y37A	Hugo	46.21 335	P	P	19 09 42.8	0.0
331A	San Angelo	46.23 329	P	P	19 09 42.7	+0.1
430A	Baggett Ranch,	46.24 327	P	P	19 09 42.8	0.0
529A	Stev Forest Ra	46.27 326	P	P	19 09 43.5	+0.1
232A	Coleman	46.30 330	P	P	19 09 44.0	+0.2
Z35A	Perchaven San	46.36 333	P	P	19 09 44.2	-0.1
Y36A	Durant	46.42 335	P	P	19 09 44.3	-0.1
429A	Davenport Ranc	46.47 327	P	P	19 09 44.2	-0.5
X38A	Whitesboro	46.49 337	P	P	19 09 44.3	-0.4
TX31	Lajitas Ar. Si	46.50 324	eP	P	19 09 44.2	-0.5
TXAR	Lajitas Array	46.50 324	P	P	19 09 44.3	-0.4
TXAR	comp=Z,20nm,0.8s,ba	46.50 324	P	P	19 11 16.7	0.0
TXAR	comp=Z,13nm,0.8s,ba	46.50 324	P	P	19 09 44.3	-0.4
TXAR	comp=Z,20nm,0.8s		pmx	pmx	19 11 16.7	
TXAR	comp=Z,19nm,0.8s		pmx	pmx	19 09 44.8	0.0
133A	Hamilton Ranch	46.52 331	P	P	19 09 42.7	-2.1
PARMO	Parma	46.55 343	P	PcP	19 11 17.4	+0.8
PARMO		46.63 336	ePcP	PcP	19 09 45.2	0.0
X37A	Clayton	46.67 329	P	P	19 09 45.6	-0.4
231A	Bronte	46.67 329	P	P	19 09 45.2	-0.9
330A	Moller Ranch,	46.69 333	P	P	19 09 46.3	+0.2
Z34A	Collerton	46.70 328	P	P	19 09 46.9	+0.5
W38A	Poteau	46.72 337	P	P	19 09 48.1	+1.0
Y35A	Marietta	46.75 334	P	P	19 09 45.4	-1.8
SLBS	Sierra La Lagu	46.81 313	eP	P	19 09 47.6	-1.8
PBMO	Poplar Bluff	46.85 342	eP	P	19 09 47.6	0.0
ABTX	Abilene, Hawle	46.89 330	eP	P	19 09 47.4	-0.2
ABTX	Abilene, Hawle	46.89 330	eP	P	19 10 16.0	-5.8
ABTX	comp=Z,222nm,0.9s	47.01 332	eP	pP	19 09 48.1	-0.4
Z33A	Whitaker Ranch	47.01 332	P	P	19 09 48.1	-0.4
X36A	Centahoma	47.02 335	P	P	19 09 49.1	+0.6
SDMD	Soldier's Deli	47.03 357	eP	P	19 11 18.8	+0.6
SDMD	comp=Z,51nm,1.2s	47.04 328	ePcP	PcP	19 09 48.4	-0.4
230A	Sterling City	47.11 333	P	P	19 09 48.9	-0.4
Y34A	Reagan Ranch,	47.13 336	P	P	19 09 50.1	+0.7
W37A	Quinton	47.13 336	P	P	19 09 47.6	-1.8
WCI	Wyandotte Cave	47.14 347	eP	pmx	19 11 17.7	
WCI			pmx	pmx	19 09 47.6	-1.8
WCI	comp=Z,370nm,0.9s	47.14 347	eP	P	19 11 17.7	-1.0
WCI	Wyandotte Cave	47.14 347	eP	P	19 09 49.7	-0.4
X35A	Drake	47.19 327	P	P	19 09 50.0	+0.1
329A	Wagon Wheel Ra	47.19 327	P	P	19 09 48.3	-1.6
USIN	University of	47.21 346	eP	PcP	19 11 18.7	-0.2
USIN	comp=Z,131nm,0.9s	47.30 330	P	P	19 09 50.7	0.0
131A	Roby	47.30 330	P	P	19 09 50.0	-0.3
Z32A	Haskell	47.37 331	P	P	19 09 50.0	-0.3

SIUC	baz=48,SNR=61	47.38 344	eP	P	19 09 49.7	-1.4
SIUC	Southern Hill	47.38 344	eP	P	19 10 23.4	-2.0
SIUC	comp=Z,188nm,1.3s		ePcP	PcP	19 11 19.4	-0.1
V38A	Canehill	47.38 338	P	P	19 09 49.8	-1.5
W36A	Wetumka	47.46 335	P	P	19 09 51.2	-0.6
229A	Gryll Ranch,	47.47 328	P	P	19 09 51.6	-0.5
229A	baz=48,SNR=17				19 09 52	

24d 19h

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S36A	Lake Cedric, C baz=50, SNR=43	49.46 338	P	P	19 10 06.4 -0.8	CBKS	Cedar Bluff baz=52, SNR=21	52.05 335	P	P	19 10 26.3 -0.3	M29A	Burnside Ranch baz=55, SNR=14	54.66 336	P	P	19 10 45.1 -0.6
T34X	McClaskey Farm baz=50, SNR=47	49.48 336	P	P	19 10 07.2 -0.1	CBKS	Cedar Bluff comp=Z, 172nm, 0.9s	52.05 335	eP	P	19 10 26.7 +0.1	K32A	Verdigre baz=55, SNR=20	54.66 339	P	P	19 10 44.4 -1.1
MSTX	Muleshoe baz=50, SNR=49	49.54 329	eP	P	19 10 07.6 -0.4	Q31A	Ellis baz=52, SNR=12	52.07 335	P	P	19 10 26.4 -0.3	L30A	Spencer Harbo baz=55, SNR=21	54.70 337	P	P	19 10 45.5 -0.4
MSTX	Muleshoe comp=Z, 89nm, 0.8s	49.54 329	eP	P	19 10 07.1 -0.9	PTN	Potsdam (NY) PTN	52.14 359	eP	P	19 10 26.1 -0.9	I35A	Creekview Farm baz=55	54.73 342	P	P	19 10 44.4 -1.5
MSTX	Bryant College comp=Z, 115nm, 1.0s	49.55 3	eP	P	19 10 42.7 +0.2	PTN	Potsdam (NY) comp=Z, 28nm, 0.9s	52.14 359	eP	P	19 10 26.1 -0.9	O26A	Horse Wrangler baz=55, SNR=5.7	54.79 333	P	P	19 10 46.4 -0.2
BRYW			eP	P	19 10 07.7 -0.1	LONY	Lake Ozonia comp=Z, 852nm, 2.2s	52.18 360	eP	P	19 10 27.0 -0.4	OGNE	Ogallala baz=55, SNR=22	54.80 334	eP	P	19 10 46.2 -0.2
BRYW			eP	P	19 10 41.4 -0.8	LAZ	Ladron	52.22 325	eP	P	19 10 28.4 +0.3	OGNE	Ogallala comp=Z, 140nm, 0.8s	54.80 334	eP	P	19 10 46.2 -0.5
BRYW			eP	P	19 10 58.9 +0.3	ANMO	Albuquerque	52.24 326	iP	P	19 10 28.3 0.0	OGNE	Davis baz=55, SNR=26	54.89 340	eP	P	19 11 46.5 -0.7
V31A	Spring Creek L baz=50, SNR=29	49.56 333	P	P	19 10 07.9 -0.2	ANMO	Albuquerque comp=Z, 84nm, 1.1s	52.24 326	eP	P	19 11 04.3 +1.2	M28A	Bar X Bar Ranch baz=55, SNR=6.7	54.90 335	P	P	19 10 47.3 -0.1
X28A	Dimmitt baz=50, SNR=8.5	49.68 330	P	P	19 10 08.2 -0.8	ANMO	Albuquerque comp=Z, 84nm, 1.0s	52.24 326	eP	P	19 10 28.3 0.0	N27A	Anderson Farm baz=55, SNR=10	54.91 334	P	P	19 10 47.0 -0.4
U32A	Winter Ranch baz=50, SNR=21	49.69 334	P	P	19 10 08.5 -0.5	ANMO	Tabor baz=52, SNR=6.1	52.26 340	eP	P	19 11 00.3 -2.9	K31A	O'Neill baz=55, SNR=13	54.91 338	P	P	19 10 46.5 -0.9
R35A	Otter Creek Ra baz=50, SNR=7.8	49.70 337	P	P	19 10 08.4 -0.6	O33A	Hebron baz=52, SNR=43	52.27 337	P	P	19 10 27.3 -0.8	MVCO	Mesa Verde baz=55, SNR=24	55.03 327	eP	P	19 10 47.7 -0.8
S37A	Teagarden Farm baz=50, SNR=13	49.70 339	P	P	19 10 07.5 -1.5	P32A	Huiling Farm, baz=52, SNR=11	52.27 336	P	P	19 10 27.6 -0.6	MVCO	Mesa Verde comp=Z, 248nm, 1.7s	55.03 327	eP	P	19 10 47.5 -1.1
AMTX	Amarillo baz=50	49.71 330	P	P	19 10 08.6 -0.7	WVL	Waterville comp=Z, 69nm, 1.1s	52.30 4	eP	P	19 10 27.6 -0.6	MVCO	L29A comp=Z, 248nm, 1.7s	55.10 336	eP	P	19 11 48.1 -0.2
AMTX	Amarillo comp=Z, 122nm, 1.3s	49.71 330	eP	P	19 10 07.9 -1.4	R29A	Marienthal baz=52, SNR=20	52.34 333	P	P	19 10 28.6 -0.2	ECSA	EROS Data Cent baz=55, SNR=40	55.14 340	P	P	19 10 47.6 -1.4
AMTX			eP	P	19 10 38.3 -5.5	Q30A	Quincy baz=53, SNR=35	52.40 335	P	P	19 10 29.1 -0.1	ECSA	EROS Data Cent comp=Z, 63nm, 0.8s	55.14 340	eP	P	19 10 47.6 -1.4
AMTX			eP	P	19 11 28.1 -0.1	FRNY	Flat Rock comp=Z, 73nm, 0.9s	52.40 1	eP	P	19 10 29.2 +0.2	ECSA	I34A Hadley baz=55, SNR=10.0	55.16 341	eP	P	19 11 48.5 +0.2
W29A	Amraillo baz=50, SNR=18	49.89 331	P	P	19 10 10.1 -0.4	SCIA	State Center comp=Z, 13nm, 0.8s	52.41 342	eP	P	19 10 27.4 -1.7	N26A	Koester Ranch, baz=55	55.23 333	P	P	19 10 49.7 -0.1
V30A	Spur Ranch, Mi baz=50, SNR=7.8	49.95 332	P	P	19 10 11.2 +0.3	T26A	Comanche Natio baz=53, SNR=28	52.47 330	P	P	19 10 29.6 -0.3	J32A	Parkston baz=55, SNR=12	55.24 339	P	P	19 10 48.1 -1.6
R36A	Gordon, Harris baz=50, SNR=21	49.96 338	P	P	19 10 09.6 -1.3	P31A	Stockton baz=53, SNR=20	52.50 336	P	P	19 10 29.4 -0.5	K30A	Baske baz=56, SNR=43	55.28 337	P	P	19 10 48.7 -1.3
T33A	Patterson Ranc baz=50, SNR=21	49.96 335	P	P	19 10 10.8 -0.2	SADO	Sadowa comp=Z, 106nm, 0.9s	52.51 356	eP	P	19 10 29.1 -0.8	SPMN	St. Paul baz=56, SNR=30	55.34 344	P	P	19 10 48.9 -1.4
S34A	Willow Spring baz=50, SNR=24	50.03 336	P	P	19 10 10.7 -0.7	JFWS	Jewell Farm comp=Z, 120nm, 0.8s	52.52 345	eP	P	19 10 28.4 -1.5	SPMN	St. Paul comp=Z, 287nm, 1.0s	55.34 344	eP	P	19 10 48.8 -1.6
U31A	Nine Bar Ranch baz=50	50.06 333	P	P	19 10 10.4 -1.4	JFWS	Jewell Farm comp=Z, 120nm, 0.8s	52.52 345	eP	P	19 11 37.8 -0.5	M27A	Reverse DX Ran baz=56, SNR=17	55.44 335	P	P	19 11 48.7 -0.3
HDIL	Hopedale baz=50, SNR=23	50.06 345	P	P	19 10 09.7 -1.9	JFWS	Jewell Farm comp=Z, 120nm, 0.8s	52.52 345	eP	P	19 10 28.4 -1.5	WUAZ	Wupatki baz=56, SNR=77	55.46 323	P	P	19 10 51.6 0.0
HDIL	Hopedale comp=Z, 284nm, 0.7s	50.06 345	eP	P	19 10 09.6 -2.1	JFWS	Jewell Farm comp=Z, 120nm, 0.8s	52.52 345	eP	P	19 10 28.6 -1.5	WUAZ	Wupatki comp=Z, 142nm, 1.0s	55.46 323	eP	P	19 10 52.0 +0.4
HDIL	Longview Farm, baz=50	50.07 339	P	P	19 11 29.4 +0.2	JFWS	Jewell Farm comp=Z, 120nm, 0.8s	52.52 345	eP	P	19 10 28.4 -1.5	WUAZ	Wupatki comp=Z, 142nm, 1.0s	55.46 323	eP	P	19 10 52.0 +0.4
Q37A	Longview Farm, baz=50	50.07 339	P	P	19 10 10.8 -1.0	JFWS	Jewell Farm comp=Z, 120nm, 0.8s	52.52 345	eP	P	19 10 28.4 -1.5	WUAZ	Wupatki comp=Z, 142nm, 1.0s	55.46 323	eP	P	19 10 52.0 +0.4
HRV	Adam Dzewonsk baz=50	50.13 3	eP	P	19 10 11.9 -0.2	N34A	Lincoln baz=53, SNR=11	52.54 339	P	P	19 10 29.6 -0.8	L28A	Connealy Angus baz=56, SNR=7.9	55.47 336	P	P	19 10 50.2 -1.2
HRV	Adam Dzewonsk comp=Z, 139nm, 1.2s	50.13 3	eP	P	19 10 11.9 -0.2	S27A	Las Animas baz=53	52.54 331	P	P	19 10 29.6 -0.8	I33A	Coleman baz=56, SNR=14	55.48 340	P	P	19 10 50.2 -1.2
HRV	Adam Dzewonsk comp=Z, 139nm, 1.2s	50.13 3	eP	P	19 10 11.9 -0.2	R28A	Trine baz=53, SNR=20	52.57 333	P	P	19 10 29.9 -0.6	J31A	Geddes baz=56, SNR=24	55.49 339	P	P	19 10 50.1 -1.4
HRV	Adam Dzewonsk comp=Z, 139nm, 1.2s	50.13 3	eP	P	19 10 11.9 -0.2	EMMW	East Machias comp=Z, 319nm, 1.9s	52.64 6	eP	P	19 10 31.3 +0.6	ISCO	Idaho Springs comp=Z, 54nm, 0.8s	55.51 331	eP	P	19 10 52.1 0.0
R35A	Emporia Munic baz=50, SNR=16	50.22 338	P	P	19 10 12.8 -0.7	Q29A	Oakley baz=53, SNR=22	52.65 334	P	P	19 10 30.4 -0.6	ISCO	Idaho Springs comp=Z, 54nm, 0.8s	55.51 331	eP	P	19 10 52.1 0.0
W28A	Vega baz=50, SNR=9.7	50.27 330	P	P	19 10 12.8 -0.7	O32A	Brockman Farm, baz=53, SNR=28	52.70 337	P	P	19 10 30.5 -0.8	ISCO	Idaho Springs comp=Z, 54nm, 0.8s	55.51 331	eP	P	19 10 52.1 0.0
S33A	Kaszmual Farm, baz=50, SNR=25	50.30 335	P	P	19 10 13.2 -0.3	S26A	Kim baz=53, SNR=98	52.77 331	P	P	19 10 31.6 -0.4	ISCO	Idaho Springs comp=Z, 54nm, 0.8s	55.51 331	eP	P	19 10 52.1 0.0
TRY	Troy comp=Z, 54nm, 0.8s	50.30 1	eP	P	19 10 13.9 +0.6	N33A	J Bar K, Exete baz=53, SNR=9.2	52.80 338	P	P	19 10 31.1 -0.9	ISCO	Idaho Springs comp=Z, 54nm, 0.8s	55.51 331	eP	P	19 10 52.1 0.0
TRY	Troy		eP	P	19 10 48.4 +0.5	M35A	Neola baz=53, SNR=8.1	52.81 340	P	P	19 10 30.8 -1.3	ISCO	Idaho Springs comp=Z, 54nm, 0.8s	55.51 331	eP	P	19 10 52.1 0.0
TRY	Troy		eP	P	19 11 30.2 +0.3	T25A	Trinidad baz=53, SNR=63	52.84 330	P	P	19 10 32.4 -0.3	ISCO	Idaho Springs comp=Z, 54nm, 0.8s	55.51 331	eP	P	19 10 52.1 0.0
T32A	Huddler Ranch, baz=50, SNR=21	50.33 334	P	P	19 10 13.2 -0.6	P30A	Selden baz=53, SNR=5.4	52.92 321	eP	P	19 10 32.4 -0.8	ISCO	Idaho Springs comp=Z, 54nm, 0.8s	55.51 331	eP	P	19 10 52.1 0.0
V29A	Stimmet baz=51	50.43 331	P	P	19 10 13.5 -1.1	TUC	Tucson comp=Z, 339nm, 0.9s	52.92 321	eP	P	19 10 32.4 -0.8	ISCO	Idaho Springs comp=Z, 54nm, 0.8s	55.51 331	eP	P	19 10 52.1 0.0
Q36A	Arnold C. Orve baz=51, SNR=14	50.51 339	P	P	19 10 13.5 -1.5	TUC	Tucson comp=Z, 339nm, 0.9s	52.92 321	eP	P	19 10 32.4 -0.8	ISCO	Idaho Springs comp=Z, 54nm, 0.8s	55.51 331	eP	P	19 10 52.1 0.0
U30A	WK&E Inc. Baik baz=51, SNR=13	50.56 332	P	P	19 10 15.2 -0.3	TUC	Tucson comp=Z, 339nm, 0.9s	52.92 321	eP	P	19 10 32.4 -0.8	ISCO	Idaho Springs comp=Z, 54nm, 0.8s	55.51 331	eP	P	19 10 52.1 0.0
T31A	Randall Ranch, baz=51, SNR=14	50.59 334	P	P	19 10 15.4 -0.3	TUC	Tucson comp=Z, 339nm, 0.9s	52.92 321	eP	P	19 10 32.4 -0.8	ISCO	Idaho Springs comp=Z, 54nm, 0.8s	55.51 331	eP	P	19 10 52.1 0.0
AAM	Ann Arbor comp=Z, 62nm, 0.5s	50.59 351	eP	P	19 10 15.4 -0.2	TUC	Tucson comp=Z, 339nm, 0.9s	52.92 321	eP	P	19 10 32.4 -0.8	ISCO	Idaho Springs comp=Z, 54nm, 0.8s	55.51 331	eP	P	19 10 52.1 0.0
AAM	Ann Arbor comp=Z, 62nm, 0.5s	50.59 351	eP	P	19 10 15.4 -0.2	TUC	Tucson comp=Z, 339nm, 0.9s	52.92 321	eP	P	19 10 32.4 -0.8	ISCO	Idaho Springs comp=Z, 54nm, 0.8s	55.51 331	eP	P	19 10 52.1 0.0
AAM	Ann Arbor comp=Z, 62nm, 0.5s	50.59 351	eP	P	19 10 15.4 -0.2	TUC	Tucson comp=Z, 339nm, 0.9s	52.92 321	eP	P	19 10 32.4 -0.8	ISCO	Idaho Springs comp=Z, 54nm, 0.8s	55.51 331	eP	P	19 10 52.1 0.0
R34A	Isabella, Hill baz=51, SNR=8.4	50.60 337	P	P	19 10 15.2 -0.6	R27A	Eads baz=53, SNR=41	52.98 332	P	P	19 10 32.9 -0.6	ISCO	Idaho Springs comp=Z, 54nm, 0.8s	55.51 331	eP	P	19 10 52.1 0.0
Q35A	Mercer Eighty, baz=51, SNR=81	50.63 338	P	P	19 10 14.9 -1.0	O31A	Woolen Ranch, baz=54, SNR=30	53.02 336	P	P	19 10 33.0 -0.6	ISCO	Idaho Springs comp=Z, 54nm, 0.8s	55.51 331	eP	P	19 10 52.1 0.0
V28A	Channing baz=51, SNR=9.2	50.67 331	P	P	19 10 15.9 -0.6	N32A	Stulken Farm, baz=53, SNR=9.4	53.14 337	P	P	19 10 34.1 -0.5	ISCO	Idaho Springs comp=Z, 54nm, 0.8s	55.51 331	eP	P	19 10 52.1 0.0
S32A	Newby Ranch, P baz=51, SNR=9.2	50.78 335	P	P	19 10 17.1 -0.1	M34A	Aspy Farms, Fr baz=53, SNR=9.4	53.15 339	P	P	19 10 33.4 -1.2	ISCO	Idaho Springs comp=Z, 54nm, 0.8s	55.51 331	eP	P	19 10 52.1 0.0
U29A	Oasis Ranch, S baz=51	50.78 332	P	P	19 10 16.8 -0.5	Q28A	Sharon Springs baz=53, SNR=21	53.17 333	P	P	19 10 34.3 -0.6	ISCO	Idaho Springs comp=Z, 54nm, 0.8s	55.51 331	eP	P	19 10 52.1 0.0
R33A	Olander Ranch, baz=51, SNR=20	50.90 336	P	P	19 10 17.8 -0.3	P29A	Atwood baz=53, SNR=5.7	53.22 334	P	P	19 10 34.6 -0.6	ISCO	Idaho Springs comp=Z, 54nm, 0.8s	55.51 331	eP	P	19 10 52.1 0.0
T30A	Plains baz=51, SNR=9.0	50.93 333	P	P	19 10 18.4 +0.1												

24d 19h

Table with columns for station code, name, coordinates, and status. Includes stations like Tokmak 2, Talaya, Makanchi Array, and various other locations.

2010 SEP

Table with columns for station code, name, coordinates, and status. Includes stations like WRA, WMQ, SNY, KSJJA, and various other locations.

1130

Table with columns for station code, name, coordinates, and status. Includes stations like HYBB, RPR, DMN, PKIN, and various other locations.

IDC 24 19:02:57.5:7.5, 6.65S-150.37E, h:72km, 5.4km, mb:3.0/3, mb1 3.3/4, mb1mb3 1.2/5, mbtmb3 4.4, ML0.3/1, Error ellipse: s-maj=97.0km s-min=49.8km az=133.0, New Britain region

24d 22h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like Waitaha Valley, Kahutara, Lake Benmore, etc.

ISC 24 21:40:53.6, 0.6, 17.74S; 173.31W, h0km, mb4.3/11, mb1 4.5/11, mb1mx4.4/21, mbtmp4.3/11, MS4.0/18, Ms1 4.1/18, ms1mx4.0/25, Error ellipse: s-maj=24.6km s-min=18.2km, az=116.0, ISCJB 24 21:40:56.0, 0.4, 17.65S; 0.09, 173.25W; 0.08, h21km, mb4.5/34, MS4.1/15, Error ellipse: s-maj=15.1km s-min=9.0km, az=143.6, GGMT 24 21:40:56.9, 0.5, 17.88S; 172.68W, h28km, 1km, MW5.0/60, Moment Tensor Solution. s27,c39; s60,c75; Duration: 0 Moment tensor: Scale 10^19Nm; Mr:3.30; 2.26; Mw: 1.75; 1.8; Ms: 1.55; 1.8; Mw: 2.22; 2.8; Mw: 2.21; 1.1; Mw: 1.18; 2.4; Best double couple: Mw: 3.85; 0.00; NP1: 56.00000, 86.30000, 1.100, 0.00000; NP2: 25.150000, 62.90000, 1.710, 0.00000; Principal axes: T 4.1590, P1g70.0000, Azm348.0000; N 0.4520,

2010 SEP

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like Plg9.0000, Azm231.0000, etc.

ISC 24 21:40:57.2, 0.5, 17.8S; 0.1x173.2W; 0.1, h21km, n84, e1900/73, mb4.5/34, MS4.2/15, 3C-4D, Tonga Islands region, CSEM 24 21:56:33.9, 25.81N; 155.00E, h10km, ML2.5/1 DSN 24 21:56:33.9, 2.25, 118N; 55.00E, h10km, mb2.1/7, ROTZ 24 21:56:33.9, 1.2, 25.81N; 155.00E, h10km, mb2.1/7, s-min=3.1km, az=137.0, Persion Gulf, Code Station Name Az Az' Phase ID Time Res ISC, WERD Werda 147.08 354 ePKPbc PKPbc 22 00 38.9 +0.4, TRPA Tarpa 147.09 341 i/P PKPbc 22 00 38.8 +0.2, TANN Tannenbergtarf 147.10 353 ePKPbc PKPab 22 00 39.8 -0.4, PRPU Pruncheon 147.24 351 ePKP PKPbc 22 00 39.7 +0.8, MANZ Manzenberg 147.56 354 ePKPbc PKPbc 22 00 40.8 +0.7, ROTZ 24 21:56:33.9, 1.2, 25.81N; 155.00E, h10km, mb2.1/7, GRF Grafenberg Arr 147.94 355 ePKPbc PKPbc 22 00 41.4 +0.5, MLR Muntele Rosu 148.08 334 i/P PKPab 22 00 45.2 +0.9, BRTR Keskin Arr B 148.09 319 PKPbc PKPbc 22 00 41.2 -0.6, DRGR 148.21 339 i/P PKPbc 22 00 41.9 +0.1, KHC Kasperske Hory 148.22 352 ePKP PKPbc 22 00 42.5 +0.8, KHC ex x 22 00 52.7, GECZ GERESS Array S 148.48 351 ePKPbc PKPbc 22 00 42.8 +0.3, GERES GERESS Array B 148.48 351 PKPbc PKPbc 22 00 42.4 -0.1, comp=Z, 1.7mm, 0.85, baz=33, slow=3.2, SNR=12, VOIR 148.49 335 i/P PKPab 22 00 45.1 +0.5, BFO Black Forest 149.47 358 ePKPbc PKPbc 22 00 51.2 +0.3, BZS Buzias 149.60 339 i/P PKPbc 22 00 46.7 +0.8, PKSM Moragy 149.97 344 i/P PKPbc 22 00 46.0 +0.6, TORD Torodi Arr B 173.25 132 PKPbc PKPab 22 01 03.5 -2.4, comp=Z, 0.8mm, 1.15, baz=27, slow=2.1, SNR=3.8, TORD 173.25 132 PKPab PKPab 22 02 32.9 -0.8, comp=Z, 0.5mm, 1.05, baz=231, slow=2.9, SNR=3.0, CSEM 24 21:56:33.9, 25.81N; 155.00E, h10km, ML2.5/1 DSN 24 21:56:33.9, 2.25, 118N; 55.00E, h10km, mb2.1/7, ROTZ 24 21:56:33.9, 1.2, 25.81N; 155.00E, h10km, mb2.1/7, s-min=3.1km, az=137.0, Persion Gulf, Code Station Name Az Az' Phase ID Time Res ISC, NAZ Nazwa, Dubai 1.01 143 i/P Pg 21 56 53.0 -0.4, NAZ Nazwa, Dubai 1.01 143 Pg 21 56 53.0 -0.4, BANOM Banah 1.18 84 i/S Sg 21 57 23.3 +0.3, BANOM Banah 1.18 84 Pg 21 56 56.1 -0.4, BANOM Banah 1.19 153 eP Sg 21 57 12.3 +0.2, BANOM Banah 1.19 153 eP Pg 21 56 56.9 +0.2, ASUD Al Ashush, Dub 1.21 166 i/P Pg 21 56 57.0 0.0, SNR=14, ASUD Al Ashush, Dub 1.21 166 Pg 21 56 57.0 0.0, HATD Hatta, Dubai 1.42 133 i/P Pg 21 57 00.4 -0.1, HATD Hatta, Dubai 1.42 133 Pg 21 57 00.4 -0.1, NIED 24 21:58:00, 29.50N; 131.00E, h23km, Mw4.1 Best double couple: 1.35, 35000, 0.105, NP1: 29.50, 131.00, 0.825, 0.00000; NP2: 29.50, 131.00, 0.825, 0.00000; NP3: 29.50, 131.00, 0.825, 0.00000; DSN 24 21:58:05.5, 1.0, 29.50N; 130.76E, h90km, mb3.7/6, mb1 3.8/9, mb1mx3.7/28, mbtmp3.6/9, ML2.9/3, MS3.5/2, Ms1 3.5/2, ms1mx3.0/38, Error ellipse: s-maj=32.5km s-min=19.9km, az=85.0, ISCJB 24 21:58:09.0, 0.7, 29.50N; 0.03, 130.93E; 0.07, h44km, 6km, mb3.7/6, MS3.9/1, Error ellipse: s-maj=11.0km s-min=3.7km, az=23.3, JMA 24 21:58:09.3, 0.1, 29.53N; 130.95E, h52km, 3km, M3.7 ISC 24 21:58:10.5, 1.1, 29.53N; 130.95E; 0.08, h38km, 2km, n34, 0.876/45, mb3.7/6, Ryukyu Islands, Code Station Name Az Az' Phase ID Time Res ISC, JYAK Yakushimahirau 0.77 336 P Pn 21 58 24.5 -0.3, JYAK Pn 21 58 36.0 +0.8, JNN Nakanoshima 0.92 290 P Sg 21 58 27.1 +0.2, JNN Sg 21 58 40.9 +2.0, JKC Kuchinoerabu 1.10 328 P Sg 21 58 29.3 +0.1, JTN Tanegashima 3 1.12 5 P Sg 21 58 29.2 -0.5, JTAJ Takarajima 1.50 256 P Pn 21 58 35.5 +0.6, JAM Amami Oshima 1.57 225 P Sg 21 58 35.8 0.0, JAM Sg 21 58 45.5 +0.8, JTSR Tashiro 2 1.63 2 P Sg 21 58 36.7 +0.6, JTSR Sg 21 58 57.1 +0.6, JAMN Amaminishikomi 1.96 230 P Sg 21 58 41.5 +0.3, JAMN Sg 21 59 05.7 +1.2, JSU Suzuyama 2.00 350 P Sg 21 58 41.5 +0.3, JSU Sg 21 59 05.3 +0.3, JNAR Kuchino-Naru 2.02 10 P Sg 21 58 42.2 +0.2, JNAR Sg 21 59 05.3 -0.7, JNR Shimokoshiki 2.36 335 P Sg 21 58 45.8 -0.9, JNZ Takasaki 2.37 4 P Sg 21 58 47.1 +0.3, JTZ Tokushima 2.42 225 P Sg 21 59 15.0 +0.3, JJK Tokushima 2.42 225 P Sg 21 58 48.0 +0.5, JZO Okuchi 2.61 355 P Pn 21 58 50.3 +0.1, JOKE Okinoerabujima 2.96 224 P Pn 21 58 55.2 +0.3, JOKE Sg 21 59 29.2 0.0, JOW Kunigami 3.53 221 P Sg 21 59 02.0 -0.8, JOW Sg 21 59 02.1 -0.6, JOW Sg 21 59 41.5 -1.7, JOW Sg 21 59 41.5 -1.7, JIH Hiei 3.57 227 P Sg 21 59 03.2 -0.3, JIH Sg 21 59 42.9 -1.1, JKE Kumejima 2 4.82 230 P Pn 21 59 20.0 -0.5, KSRS Korea Array 8.28 343 Pn 22 00 07.2 -0.7, 0.1mm, 0.3s, baz=156, slow=16, SNR=4.2, KSRS 22 00 07.2 -0.7, LRS 22 03 40.4, comp=Z, 1.76mm, 19.6s, baz=176, slow=41, MJAR Matsushiro Arr 9.32 39 Pn 22 00 22.4 +0.2, 0.3mm, 0.3s, baz=249, slow=14, SNR=4.6, ODAN Odare 38.25 277 eP P 22 05 26.5 -0.9, 5.1m, 0.4s, RAMN Ramite 38.91 277 eP P 22 05 31.7 -1.3, 3.2mm, 0.3s, PKI Pulchoki 39.79 279 eP P 22 05 40.4 0.0, 5.7mm, 0.5s, KKN Kankani 39.85 279 eP P 22 05 41.2 +0.4, 8.6mm, 0.6s, DMN Daman 40.04 279 eP P 22 05 42.2 -0.2, 4.7mm, 0.5s, MKAR Makanchi Arr 41.20 309 P Pn 22 05 51.1 -0.3, 0.9mm, 0.8s, baz=96, slow=9.9, SNR=8.5, KOLN Koldanda 41.30 280 eP P 22 05 53.0 -0.3, 4.8mm, 0.6s, WRA Warramunga Arr 49.30 176 P Pn 22 06 55.9 +0.1, 1.7mm, 0.8s, baz=358, slow=8.3, SNR=7.5, ASAR Alice Springs 52.97 177 P Pn 22 07 25.1 +1.7, 0.4mm, 0.5s, baz=8.0, slow=14, SNR=5.8, FINES FINESS Array B 71.15 331 P Pn 22 09 24.1 -0.8, 1.7mm, 0.8s, baz=57, slow=1.1, SNR=5.3, BRTR Keskin Arr B 76.85 308 P Pn 22 09 58.8 -0.1, 0.6mm, 0.7s, baz=94, slow=5.4, SNR=4.1, NVAR Mina Array Bea 86.55 47 P Pn 22 10 51.1 +1.0, 0.9mm, 0.7s, baz=278, slow=7.6, SNR=6.0, PPT Papanua 89.70 110 LR LR 22 45 53.4, comp=Z, 4.4mm, 19.3s, baz=14, slow=32, ISC 24 22:07:06.7, 38.81N; 32:56E, h5km, MD2.8 ISCJB 24 22:07:07.0, 0.6, 38.79N; 0.03, 32:57E; 0.03, h1km, 6km, Error ellipse: s-maj=5.2km s-min=4.1km, az=171.1, DDA 24 22:07:07.5, 38.79N; 32:52E, h7km, MD2.8 CSEM 24 22:07:08.0, 0.1, 38.81N; 32:57E, h5km, MD2.8, Error ellipse: s-maj=3.5km s-min=2.7km, az=168.0, ISC 24 22:07:08.0, 0.1, 38.82N; 0.03, 32:57E; 0.02, h5km, 11km, n34, 0.876/48, Turkey, Code Station Name Az Az' Phase ID Time Res ISC, CHBY Cihanbeyli 0.34 133 eP Pg 22 07 14.9 +0.3, CHBY Cihanbeyli 0.34 133 eP Pg 22 07 15.0 +0.3, KIZT Kizilcal 0.55 277 eSg Sg 22 07 18.5 -0.1, KIZT Kizilcal 0.55 277 eSg Sg 22 07 26.7 +1.0, KIZT Kizilcal 0.55 277 eSg Sg 22 07 18.5 -0.1, KIZT Kizilcal 0.55 277 eSg Sg 22 07 26.7 +1.0, AFSR Af ar-Bala (A) 0.74 31 eP Pg 22 07 22.4 +0.1, AFSR Af ar-Bala (A) 0.74 31 eP Pg 22 07 22.4 +0.1, AFSR Af ar-Bala (A) 0.74 31 eP Pg 22 07 22.4 +0.1, SERE Serefikochisa 0.79 80 eSg Sg 22 07 34.0 -0.2, SERE Serefikochisa 0.79 80 eSg Sg 22 07 34.0 -0.2, BBAL Bala 0.84 30 i/P Pg 22 07 24.8 +0.4, BBAL Bala 0.84 30 i/P Pg 22 07 34.0 -0.1, BBAL Bala 0.84 30 i/P Pg 22 07 24.8 +0.4, BBAL Bala 0.84 30 i/P Pg 22 07 34.0 -0.1, KONT Konya-Tatoy 0.89 191 eP Pg 22 07 24.6 -0.4,

0.9nm,0.5s,baz=70,slow=9.2,SNR=5.7
TORO Torodi Ar. Bea 148.08 283 PKPbc PKPbc 23 21 14.1 -0.5

AUST 24 23:11:20.1, 22:70S, 179:21E, h450km
BUJ Rata Peaks 22.12 196 P
IDC 24 23:11:24.9, 1.4, 22:45S, 179:34E, h577km, 14km,
mb3, 7/16, mb1 3.8/17, mb1mx3, 7/33, mbtmp4, 6/17, Error
ellipse: s-maj=14.2km s-min=12.5km az=84.0

ISCBJ 24 23:11:26.7, 0.3, 22:56S, 0:06, 179:21E, 0:06, h591km,
mb4, 2/31, Error ellipse: s-maj=8.9km s-min=6.6km
az=145.4

NEIC 24 23:11:26.5, 1.0, 22:46S, 179:21E, h571km, 12km,
mb4, 4/18, Error ellipse: s-maj=15.2km s-min=9.3km
az=148.0

ISC 24 23:11:27.8, 0.5, 22:61S, 0:07, 179:27E, 0:08, h591km, n82,
+153/89, mb4, 2/31, 1C, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like Nonsavu, Mont Dzumac, Urewera, etc.

Table with columns: HHC, PMZ, HVC, HWS, SRU, CD2, CD2, MNTX, TXAR, ILAR, LZH, LZH, ARCES, ARCES, ARCES, FINES, FINES, AKASG, CLL, GERES, ESCD, TORO. Lists stations like HHC, HVC, SRU, etc.

ISCBJ 24 23:12:47.1, 0.5, 25:13S, 0:08, 178:53E, 0:10, h579km,
mb4, 1/15, Error ellipse: s-maj=11.7km s-min=9.9km
az=159.9

IDC 24 23:12:48.2, 1.6, 25:05S, 178:57E, h581km, 18km,
mb3, 7/15, mb1 3.8/17, mb1mx3, 7/33, mbtmp4, 6/17, Error
ellipse: s-maj=10.3km s-min=14.0km az=56.0

AUST 24 23:12:51.3, 0.0, 25:26S, 178:44E, h603km, 1km, Error
ellipse: s-maj=3.8km s-min=2.6km az=249.0

ISC 24 23:12:48.1, 0.5, 25:05S, 0:09, 178:50E, 0:09, h579km, n67,
+1510/66, mb4, 2/31, 4C-13D, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like RAO, RAO, DZM, URZ, AFI, RPZ, CMA, CTA, TOO, PMG, COEN, HTT, ASAR, ASAR, WRA, WRA, KDU, FORT, FORT, WTKA, WTKA, KNRA, FITZ, FITZ, PALU, SOEI, MEEK, KLBR, MBWA, Vnda, SBA, BLDU, MMRI, MORW, LUWI, GIRL, CASY, QSPA, QSPA, MJAR, PETK, MAW, MAW, PMSA, IPM, ISA, ISA, CMB, YBH, SYO, NVAR, SNA, SNA, VNA2, IOTA, G08A, SEY, KMI, KMI, KMI, KMI, KMI, HSC, HSC, HHC, HHC, HHC.

Table with columns: BRG, PVCC, VRAC, GPCF, PRU, BZS, KHC, GERES, GERES, PKSM, ESCD. Lists stations like BRG, PVCC, VRAC, etc.

WEL 24 23:25:1.0, 1.4, 43:60S, 172:38E, h7km, ML3.5, 12, 3C-2D,
Error ellipse: s-maj=0.6km s-min=0.5km az=90.0, South
Island

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

IDC 24 23:32:19.5, 0.7, 0:13S, 125:77E, h0km, mb4, 2/11,
mb1 4.4/12, mb1mx1, 1/29, mbtmp4, 2/12, ML4, 0/1, Error
ellipse: s-maj=37.0km s-min=14.5km az=75.0

ISCBJ 24 23:32:24.5, 0.3, 0:15S, 0:03, 125:69E, 0:03, h44km,
mb4, 3/20, Error ellipse: s-maj=5.0km s-min=4.2km
az=28.1

DJA 24 23:32:26.4, 0.4, 0:3, 12:16E, h50km, 15km, M4, 5/3,
mb4, 7/3, mB5, 0/1, MLV4, 3/3, MW(mB)4, 3/1

NEIC 24 23:32:28.4, 0.7, 0:19S, 125:84E, h73km, 7km, mb4, 5/9,
Error ellipse: s-maj=8.8km s-min=6.3km az=61.0

AUST 24 23:32:33.5, 0.0, 0:37S, 125:81E, h114km, Error ellipse:
s-maj=2.0km s-min=1.0km az=24.0

ISC 24 23:32:26.0, 0.5, 0:15S, 0:05, 125:75E, 0:04, h44km, n52,
+1519/54, mb4, 4/20, Southern Molucca Sea

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

25d 1h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Zalesovo Beam, KURK Kurchatov, BRVK Gorovo, etc.

IDC 24 23:33:05.0-1.9,0.16N,126.25E,h0km,mb4.0/3, mb1 4.3/3,mb1mx3.7/28,mbtmp4.1/3, Error ellipse: s-maj=168.2km s-min=26.2km az=65.0, Northern

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

ISCJB 25 00:15:20.6:0.7,28.76S:0.04:70.07W:0.07,h97km,9km, mb3.5/1, Error ellipse: s-maj=10.8km s-min=6.1km

az=170.2 GUC 25 00:15:20.5:0.6,28.78S:70.06W,h85km,13km,ML3.5

ISC 25 00:15:21.9:0.9,28.76S:0.04:70.12W:0.06,h100km,8km, n21,c157/29,1C-2D,Central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VACH Vallendar, VACH Copiapo, CPCH La Serena, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CDCH Caldera, CDCH Cerro Villucun, RTLL Valle Fertill, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RTLS Leoncito, CFAA Coronel Fontan, AUSP Uspallata, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ASAL Salagasta, ARCO CERRO ARCO, ACAN Cantantall, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TORD Torodi Arr, KURBB Kurchatov Arr, KURBB Kurbb, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ZALV Zalesovo Beam, ZALV Zalv, MKAR Makanchi Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ILA Ilan, ILA Ilan, EGS Egs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TWC Suao, TWC Suao, TWE Teicheng, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ENTT Nioudou, ENTT Nioudou, TWB1 Santiao Chiao, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ENA Nanao, ENA Nanao, NWF Wu-fen Shan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TWA Mucha, TWA Mucha, TAP1 Taipei, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TAP2 Taipei, TAP2 Taipei, TAP3 Taipei, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TWS1 Kuangyinshan, TWS1 Kuangyinshan, TWY Chenhua, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NCU National Centr, NCU National Centr, NCU Chiawan, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NSTT Nanjuang, NSTT Nanjuang, TWT Twt, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WHF Hehuan Shan, WHF Hehuan Shan, HSN Hsinchu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ESLS Shilin, ESLS Shilin, YJNG Yonagunijimaku, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WNT Mingjian, WNT Mingjian, YUS Yushan, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CHNS Chenshan, CHNS Chenshan, WGT Gukeng, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CHKT Chengkung, CHKT Chengkung, IRIF Iriomote-Funau, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IRIF Chiayi, IRIF Chiayi, STYT Tauyuan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WTP Tapu, WTP Tapu, HATJ Hateruma jima, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CHN1 Nanshi, CHN1 Nanshi, CHN1 Kuro-shima, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JKRJ Kuro-shima, JKRJ Kuro-shima, TWG Pingang, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JJJ Ishigaki jima, JJJ Ishigaki jima, JJJ Ishigakijimahi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JJJ Tarama, JJJ Tarama, BNDI Sandanaira, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MTN Mantou Dam, MTN Mantou Dam, KDU Kakadu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MMRI Maumere, MMRI Maumere, EDFI Ende, Flores, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KNRA Kununurra, KNRA Kununurra, BSSI Bau Bau, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CSEM 25 00:43:56.4:0.9,38.63N:42.47E,h10km,MD2.7, Error ellipse: s-maj=38.1km s-min=14.0km az=78.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like EKAR Karacaban, EKAR Karacaban, TUTA Tutak, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SIRT Sirmak, SIRT Sirmak, HKR Hakkari, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TWSI Taliwang, Sumb, TWSI Taliwang, Sumb, WBSI Waikabubak, Su, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WSI Waingapu, WSI Waingapu, DNP Denpasar, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KMMI Kaliangert, KMMI Kaliangert, MMRI Maumere, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BKSI Bulukumba, BKSI Bulukumba, KAPI Kappata, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GRJI Gresik, GRJI Gresik, SPSS Sidrap Palu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BATI Banyuwangi, BATI Banyuwangi, PWJI Pegayuran, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SOEI Soei, SOEI Soei, FITZ Fitzroy Crossi, etc.

s-min=11.1km az=87.0
NAO 25 01:32:57.9, 1.9, 73.93N-97.79E, ML3.8
BER 25 01:32:58.4, 4.2, 73.87N-97.12E, h10km, ML3.8(NAO)
ISC 25 01:32:57.8, 0.9, 73.97N-100.97E, 0.1, h10km, n48,
s147.50, mb3.57, MS3.1/3, Greenland Sea

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

Table with columns: WHWZ, PNHZ, KRHZ, RIGZ, BKZ, etc. Lists stations like Whaihua, Pukenui, Kereru, etc.

DDA 25 02:04:56.8, 39.97N-41.41E, h3km, MD3.0
CSEM 25 02:04:56.7, 0.3, 39.92N-41.39E, h10km, MD3.0, Error
ellipse: s-maj=6.8km s-min=6.6km az=80.0

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

Table with columns: SGGI, SGGI, CTBH, CGP, CGP, etc. Lists stations like Sangihe, Cotabato-PC H, Cagayan de Oro, etc.

WEL 25 02:44:09.0, 4.3, 37.87S-176.26E, h167km, 3km, ML3.6/11,
1C, Error ellipse: s-maj=4.7km s-min=3.4km az=90.0,
North Island

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

ISC 25 03:04:22.3, 2.1, 37.76N-172.15E, h175km, 22km, mb3.4/10,
mb3.16/16, mb1mx3.3/42, mbtmp4.0/16, Error ellipse:
s-maj=34.2km s-min=13.2km az=156.0

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

ISC 25 03:04:27.4, 0.5, 37.38N-105.72E, 0.05, h200km, n54,
s191/64, mb3.5/10, 10C-8D, Tajikistan

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

IDC 25 01:39:21.5, 12.0, 17.70S-178.30W, h57km, 119km,
mb3.4/4, mb1mx3.7/4, mb1mx3.1/25, mbtmp4.3/4, Error
ellipse: s-maj=101.7km s-min=31.7km az=118.0, Fiji
Islands region

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

IDC 25 01:49:54.3, 1.9, 7.62S-151.46E, h0km, mb3.7/3,
mb1 4.0/3, mb1mx3.5/34, mbtmp3.7/3, Error ellipse:
s-maj=125.3km s-min=34.8km az=144.0, New Britain
region

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

WEL 25 01:59:43.0, 4.0, 60.65S-178.45E, h33km, ML3.6/13, 2C,
east coast of North Island
Error ellipse: s-maj=5.5km s-min=3.6km az=90.0, Off

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

CSEM 25 02:36:25.7, 37.89N-23.11E, h23km, MD2.7
ATH 25 02:36:25.7, 37.89N-23.11E, h23km, 2km, MD2.7/10,
Southern Greece

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

AUST 25 02:39:41.9, 8.50N-125.01E, h0km
ISCJB 25 02:39:41.9, 0.4, 5.59N-125.01E, h150km,
mb3.8/10, Error ellipse: s-maj=8.3km s-min=4.6km
az=161.8

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

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like LSA Lhasa, HABR Khabarovsk, YSS Yuzh-Sakhalins, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like KURK Kurchatov, EKSS Erkin-Say, MNAS Manas, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like NB2 NORSAR Subarra, NOA NORSAR Array B, VYHS Vyhne, etc.

ISCJB 25 03:29:17.0±0.7, 24:79S±0.08x179.70E±0.10, h507km, mb4.0/8, Error ellipse: s-maj=12.1km s-min=10.8km

IDC 25 03:29:16.9±1.4, 24:78S±1.70E, h494km, 14km, mb3.6/8, mb1.3/9.9, mb1mx3.5/27, mbtmp4.5/9, Error ellipse: s-maj=23.3km s-min=15.8km az=178.0

ISC 25 03:29:17.0±0.7, 24:9S±0.1x179.8E±0.1, h507km, n32, ±106°/35, mb3.9/8, 1C, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Power, Mode, and other parameters. Includes stations like RAO Raoul Island, DZM Mont Dzumac, URZ Urewera, etc.

GUC 25 03:34:12.9±0.5, 35:05S±72.73W, h15km±2km, ML3.7, 20:33, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Power, Mode, and other parameters. Includes stations like U65B Hualae0, U65B, U65B.

ISC 25 05:55:49.3:1.1, 37.21N:01.03:28.09E:0.03, h0km, n12, c#106/20, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YER Yerkesik, AYDN Tasoluk, BDRM Kayabasi, etc.

IDC 25 06:01:54.6:0.7, 49.87N:179.27E, h0km, mb3.7/13, mb1.4/0.15, mb1mx3.8/42, mbtmp3.8/15, ML3.2, MS3.7/2, Ms1.3/7.2, ms1mx2.9/43, Error ellipse: s-maj=23.0km s-min=16.3km az=163.0

ISCJB 25 06:01:55.2:0.5, 50.00N:0.04:179.33E:0.06, h10km, mb3.7/13, MS3.8/2, Error ellipse: s-maj=6.2km s-min=5.1km az=163.7

NEIC 25 06:01:58.4, 50.17N:179.33E, h10km, ML3.5(AEIC), After AEIC

ISC 25 06:01:57.1:0.7, 50.11N:0.07:179.33E:0.05, h10km, n47, c#90/51, mb3.8/13, Rat Islands

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AMKA Amchitka, CEMSA Semis' Rag'd T, CERB Semis' Cerberu, etc.

NEIC 25 06:15:30.3:1.0, 3.42S:29.76E, h10km, mb3.8/2, Error ellipse: s-maj=21.7km s-min=15.9km az=113.0

NEIC Frait at Butumb, h10km, mb4.0/4, mb1.4/0.5, mb1mx3.6/32, mbtmp4.0/5, ML3.4/1, MS3.0/1, Ms1.3/0.1, ms1mx2.7/36, Error ellipse: s-maj=25.6km s-min=22.3km az=155.0

ISC 25 06:15:31.7:1.1, 3.48S:0.10:29.91E:0.08, h10km, n10, c#196/11, mb3.9/4, Lake Tanganyika region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DODT Dodoma, Tanzania, KMBO Kilima Mbogo, etc.

NSCC 25 06:16:41.0:2.3, 33.75N:35.91E, h4km, 14km, MD1.0, ML1.3

CSEM 25 06:16:41.3, 33.68N:35.92E, h14km, ML2.7

GRAL 25 06:16:41.3, 0.3, 33.68N:35.92E, h14km, 6km, MD2.7

ISC 25 06:16:40.6:0.9, 33.72N:0.03:35.91E:0.04, h14km, 10km, n12, c#075/20, Jordan - Syria region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RCH Rachaya, BHL Bhannes, DQRL Deir Qamar, etc.

AUST 25 06:23:02.8:0.0, 6.85S:106.06E, h107km, Error ellipse: s-maj=9.0km s-min=0.8km az=238.0

ISCJB 25 06:23:03.0:0.3, 6.79S:0.05:106.20E:0.04, h137km, 2km, mb4.2/17, Error ellipse: s-maj=8.6km s-min=4.6km az=34.6

NEIC 25 06:23:04.3:1.0, 6.58S:106.15E, h134km, 9km, mb4.7/9, Error ellipse: s-maj=13.6km s-min=7.8km az=219.0

DJA 25 06:23:05.7:0.4, 7.54S:106.6E, h116km, 4km, M4.5/18, MLV4.5/18

IDC 25 06:23:06.2:0.8, 6.53S:106.36E, h148km, 6km, mb3.8/14, mb1.3/9.15, mb1mx3.7/32, mbtmp4.3/15, Error ellipse: s-maj=15.9km s-min=10.0km az=46.0

ISC 25 06:23:04.0:0.6, 6.81S:106.18E:0.04, h139km, 5km, n17, c#161/78, mb4.1/17, Jawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SKJI Sukabumi, CIBJ Cibinong, TNG Tangerang, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KASI Kapingung, KOTI Kotabumi, CMJI Cimerak, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MNIJ Manna, SMRI Semarang, TPI Tanjungpandan, etc.

ASAR 1.6nm, 0.8s, baz=292, slow=15, SNR=13 S S 07 04 06.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H0BS2 Diego Garcia H, H0BS3 Diego Garcia H, H0BS1 Diego Garcia H, etc.

IDC 25 06:36:39.9:1.1, 0.04S:125.80E, h0km, mb3.9/4, mb1.4/1.6, mb1mx3.7/40, mbtmp3.9/6, ML3.2, MS3.1/1, Ms1.3/1.1, ms1mx2.6/32, Error ellipse: s-maj=44.1km s-min=19.2km az=79.0

ISCJB 25 06:36:45.5:0.5, 0.36S:0.05:125.69E:0.03, h10km, mb3.9/4, MS3.0/1, Error ellipse: s-maj=7.4km s-min=4.8km az=6.0

DJA 25 06:36:46.7:0.2, 0.3S:12.76E, h10km, M4.1/10, mb4.4/4, mb4.6/2, MLV4.0/10, MW(B)3.9/2

ISC 25 06:36:45.8:0.9, 0.33S:0.06:125.72E:0.04, h10km, n18, c#144/11, mb4.0/4, Southern Molucca Sea

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

IDC 25 06:39:56.0:0.9, 2.41S:165.66E, h206km, 11km, mb3.5/4, mb1.3/5.7, mb1mx3.3/30, mbtmp3.9/7, Error ellipse: s-maj=18.0km s-min=12.6km az=59.0

SJA 25 06:39:56.1:0.5, 2.45S:0.06:165.75E, h226km, 5km, ML3.2, MWV3.2

ISCJB 25 06:39:57.4:0.5, 2.41S:0.05:165.85E:0.06, h200km, mb3.7/4, Error ellipse: s-maj=8.1km s-min=6.4km az=176.0

ISC 25 06:39:56.0:0.8, 2.40S:0.08:166.79W:0.08, h200km, n27, c#156/29, mb3.8/4, Saita Province

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SLA San Lorenzo, SLA, HJA Humahuaca, etc.

25d 7h

Table of station data for the 25d 7h region, including station names, coordinates, and various parameters like SNR and error ellipses.

2010 SEP

Main table of station data for the 2010 SEP region, listing station names, coordinates, and parameters.

1146

Table of station data for the 1146 region, including station names, coordinates, and parameters.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include KHEZ Kahui Hut, NEZ North Egmont, VRZ Vera Road, etc.

IDC 25 08:57:58.371.1.4, 36.97N:32.95W, h0km, mb3.8/3, mb1 4.0/3, mb1mx3.5/30, mbtmp3.8/3, MS3.6/6, Ms1 3.5/6, ms1mx3.2/38, Error ellipse: s-maj=16.8km s-min=16.8km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include TORO Torodi Ar. Bea, TORO Torodi Ar. Bea, DBIC Dimbokro, etc.

ISCJB 25 08:01:49.4.0.5, 43.57S:0.03:172.70E:0.04, h13km, 3km, mb3.3/2, MS3.4/1, Error ellipse: s-maj=6.4km s-min=3.9km az=43.6

WEL 25 08:01:50.8.0.1, 43.54S:172.63E, h2km, ML4.0/21, Error ellipse: s-maj=1.1km s-min=0.6km az=90.0

NEIC 25 08:01:50.4.4, 43.55S:172.66E, h9km, ML4.0(WEL), After WEL

NEIC FELT widely in the Christchurch area. IDC 25 08:01:52.6.1.7, 43.13S:172.27E, h0km, mb3.3/2, mb1 3.6/2, mb1mx3.4/26, mbtmp3.3/2, MS3.4/1, Ms1 3.4/1, ms1mx2.9/9, Error ellipse: s-maj=44.5km s-min=14.7km az=139.0

ISC 25 08:01:50.4.0.9, 43.54S:0.03:172.67E:0.03, h9km, 6km, n68, a1502/80, CC, South Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include CRLZ Canterbury Las, CRLZ Canterbury Las, CRLZ Canterbury Las, etc.

ISC 25 08:21:44.9.4.5, 2.96S:100.89E, h0km, mb3.8/2, mb1 4.0/2, mb1mx3.4/43, mbtmp3.8/2, Error ellipse: s-maj=262.1km s-min=61.1km az=45.0

ISCJB 25 08:21:51.3.1.0, 3.07S:101.11E:0.08, h46km, mb3.7/2, Error ellipse: s-maj=14.5km s-min=8.2km az=38.8

DJA 25 08:21:52.0.8.3, 5.5S:101.1E, h66km, 13km, MA.0/6, mb3.9/1, MLV4.0/6

ISC 25 08:21:52.7.1.2, 3.1S:101.101.07E:0.09, h46km, n10, a0570/10, Southern Sumatera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include PPSI Palau Pagai, PPSI Palau Pagai, PDSI Padang, etc.

IDC 25 08:29:48.5.5.1, 28.77N:88.60E, h0km, mb3.7/3, mb1 3.9/4, mb1mx3.4/43, mbtmp3.7/4, ML3.6/1, MS3.6/1, Ms1 3.6/1, ms1mx2.7/32, Error ellipse: s-maj=334.2km s-min=23.5km az=63.0, Xizang

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include SHL Shillong, MKAR Makanchi Array, KURBB Kurchatoy Arra, etc.

ISCJB 25 08:33:46.2.0.6, 31.12S:0.06:179.4W:0.2, h200km, mb3.4/4, Error ellipse: s-maj=20.1km s-min=5.4km az=22.1

IDC 25 08:33:47.9.1.0, 30.99S:179.40W, h196km, 15km, mb3.4/4, mb1 3.6/6, mb1mx3.4/22, mbtmp4.0/6, Error ellipse: s-maj=22.6km s-min=18.1km az=73.0

ISC 25 08:33:47.3.0.8, 31.09S:0.09:179.5W:0.2, h200km, n19, a052/27, mb3.6/4, Kermadec Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include RAO Raoul Island, RAO Raoul Island, RAO Raoul Island, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include EAZ Earnsclough, EAZ Earnsclough, EAZ Earnsclough, etc.

ISC 25 08:33:46.2.0.6, 31.12S:0.06:179.4W:0.2, h200km, mb3.4/4, Error ellipse: s-maj=20.1km s-min=5.4km az=22.1

IDC 25 08:33:47.9.1.0, 30.99S:179.40W, h196km, 15km, mb3.4/4, mb1 3.6/6, mb1mx3.4/22, mbtmp4.0/6, Error ellipse: s-maj=22.6km s-min=18.1km az=73.0

ISC 25 08:33:47.3.0.8, 31.09S:0.09:179.5W:0.2, h200km, n19, a052/27, mb3.6/4, Kermadec Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, etc.

ISC 25 08:53:55.3.1.0, 37.22N:0.04:28.20E:0.05, h0km, n16, a0578/26, Turkey

ISC 25 08:12:27.8.0.7, 36.86N:0.05:71.26E:0.09, h200km, Error ellipse: s-maj=11.6km s-min=5.3km az=151.4

NNC 25 08:12:31.6.1.0, 37.07N:71.20E, h183km, 8km, mb2.8, mbp3.8, Error ellipse: s-maj=9.9km s-min=4.4km az=161.0

ISC 25 08:12:29.1.1.2, 36.91N:0.09:71.22E:0.09, h200km, n14, a115/14, BC-10, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include DZET Dzerhino, DZET Dzerhino, SFK Sufi-Kurgan, etc.

ISCJB 25 09:11:0.1.9.0.7, 18.38S:0.09:168.8E:0.1, h201km, mb2.0/8, Error ellipse: s-maj=15.6km s-min=10.3km az=38.0

IDC 25 09:11.0.1.7, 3.3.2, 18.44S:169.00E, h192km, 31km, mb3.8/7, mb1 4.0/8, mb1mx3.6/26, mbtmp4.3/8, Error ellipse: s-maj=31.3km s-min=23.7km az=4.0

NEIC 25 09:10:13.9.1.5, 18.55S:168.89E, h214km, 17km, mb4.2/2, Error ellipse: s-maj=24.7km s-min=13.2km az=159.0

ISC 25 09:10:13.2.0.8, 18.55S:0.1x168.8E:0.1, h201km, n11, a0599/11, mb4.1/8, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include DZM Mont Dzumac, DZM Mont Dzumac, MSVF Nonsavon, etc.

IDC 25 09:11:01.4.5.3, 36.32N:70.94E, h158km, 49km, mb3.5/7, mb1 3.5/12, mb1mx3.2/44, mbtmp3.9/12, Error ellipse: s-maj=37.7km s-min=18.8km az=26.0

ISCJB 25 09:11.0.1.4, 0.1.8, 36.52N:0.06:70.95E:0.08, h188km, mb3.6/6, Error ellipse: s-maj=10.5km s-min=7.6km az=47.0

NNC 25 09:11:1.0.1.1, 36.96N:70.84E, h188km, 9km, mb2.9, mpv4.0, Error ellipse: s-maj=10.9km s-min=4.9km az=159.0

ISC 25 09:11:05.4.1.1, 36.57N:0.10:70.94E:0.08, h188km, n25, a1947/31, mb3.5/6, 7C-7D, Hindu Kush region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include DZET Dzerhino, DZET Dzerhino, SFK Sufi-Kurgan, etc.

IDC 25 09:11:05.4.1.1, 36.57N:0.10:70.94E:0.08, h188km, n25, a1947/31, mb3.5/6, 7C-7D, Hindu Kush region

ISC 25 09:11:05.4.1.1, 36.57N:0.10:70.94E:0.08, h188km, n25, a1947/31, mb3.5/6, 7C-7D, Hindu Kush region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include DZET Dzerhino, DZET Dzerhino, SFK Sufi-Kurgan, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WMGZ Waionatatin S, WMGZ Waionatatin S, WMGZ Waionatatin S, etc.

IDC 25 09:11:05.4.1.1, 36.57N:0.10:70.94E:0.08, h188km, n25, a1947/31, mb3.5/6, 7C-7D, Hindu Kush region

ISC 25 09:11:05.4.1.1, 36.57N:0.10:70.94E:0.08, h188km, n25, a1947/31, mb3.5/6, 7C-7D, Hindu Kush region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include YER Yerkesik, YER Yerkesik, YER Yerkesik, etc.

IDC 25 09:11:05.4.1.1, 36.57N:0.10:70.94E:0.08, h188km, n25, a1947/31, mb3.5/6, 7C-7D, Hindu Kush region

ISC 25 09:11:05.4.1.1, 36.57N:0.10:70.94E:0.08, h188km, n25, a1947/31, mb3.5/6, 7C-7D, Hindu Kush region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include DZM Mont Dzumac, DZM Mont Dzumac, MSVF Nonsavon, etc.

IDC 25 09:11:05.4.1.1, 36.57N:0.10:70.94E:0.08, h188km, n25, a1947/31, mb3.5/6, 7C-7D, Hindu Kush region

ISC 25 09:11:05.4.1.1, 36.57N:0.10:70.94E:0.08, h188km, n25, a1947/31, mb3.5/6, 7C-7D, Hindu Kush region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include DZM Mont Dzumac, DZM Mont Dzumac, MSVF Nonsavon, etc.

IDC 25 09:11:05.4.1.1, 36.57N:0.10:70.94E:0.08, h188km, n25, a1947/31, mb3.5/6, 7C-7D, Hindu Kush region

ISC 25 09:11:05.4.1.1, 36.57N:0.10:70.94E:0.08, h188km, n25, a1947/31, mb3.5/6, 7C-7D, Hindu Kush region

NNC 25 09:11:05.4.1.1, 36.57N:0.10:70.94E:0.08, h188km, n25, a1947/31, mb3.5/6, 7C-7D, Hindu Kush region

ISC 25 09:11:05.4.1.1, 36.57N:0.10:70.94E:0.08, h188km, n25, a1947/31, mb3.5/6, 7C-7D, Hindu Kush region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include DZET Dzerhino, DZET Dzerhino, SFK Sufi-Kurgan, etc.

IDC 25 09:11:05.4.1.1, 36.57N:0.10:70.94E:0.08, h188km, n25, a1947/31, mb3.5/6, 7C-7D, Hindu Kush region

ISC 25 09:11:05.4.1.1, 36.57N:0.10:70.94E:0.08, h188km, n25, a1947/31, mb3.5/6, 7C-7D, Hindu Kush region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include DZET Dzerhino, DZET Dzerhino, SFK Sufi-Kurgan, etc.

phi=12.00000; delta=0.00000; lambda=22.00000; Principal axes: T 1.7200, Plg37.0000, Azm327.0000; N -0.1600, Plg52.0000, Azm163.0000; P -1.5700, Plg8.0000, Azm63.0000; Moment Tensor Solution. s11 Moment tensor: Scale 1017 Nm; Mrr0.53; Mss0.29; Mss0.82; Mss0.57; Mss1.18; Mss0.87; Best double couple: Mrr1.7000x1017 Np1.10900000; delta.00000; lambda.00000; NP2.7x10.00000; delta.00000; lambda.00000; Principal axes: T 1.7900, Plg38.0000, Azm322.0000; N -0.1200, Plg49.0000, Azm168.0000; P -1.6700, Plg13.0000, Azm62.0000; After AECJ.

NEIC Feit [I] at Cana and Tappan Creek; [II] at Anchorage, Denali National Park, Eagle River, Elmendorf AFB, Glennallen, Healy, Nenana and Palmer; [III] at Chuigaiq, Delta Junction, Fairbanks, Fort Richardson, Fort Wright, Girdwood, Valdez, Wasilla and Willow. Also felt at Copper Center, Ester, Gakona, Moose Pass, North Pole, Seward and Soldotna.

GCMT 25:12:05:59.9.0.1, 62.98N:149.73W, h99km, 1km, MW5.5/118, Moment Tensor Solution. s103c168; s118,c232; Duration: 1s3 Moment tensor: Scale 1017 Nm; Mrr0.43c.02; Mss0.51c.03; Mss0.94c.03; Mss0.60c.02; Mss1.36c.02; Mss0.77c.02; Best double couple: Mrr1.68000-1017 Np1.10900000; delta.00000; lambda.00000; NP2.7x10.00000; delta.00000; lambda.00000; Principal axes: T 1.9000, Plg32.0000, Azm326.0000; N -0.0800, Plg56.0000, Azm167.0000; P -1.8200, Plg10.0000, Azm62.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

IDC 25:12:06:00.5.0.5, 63.02N:149.69W, h90km, 2km, mb4.5/28, mb1.4/731, mb1mx4.6/36, mbmp4.9/31, MS4.2/4, Ms1.4/2/24, ms1mx4.0/35 Error ellipse: s-maj=8.4km s-min=6.3km az=107.0

ISC 25:12:05:60.0.0.2, 62.98N:149.62W, 0.02, h67km, 1km, h87km, P-P, n1120, e1512/1513, mb5.3/267, 48C19, Central Alaska

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, ISC. Lists seismic stations and their characteristics.

Main seismic event table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, ISC. Lists seismic events and their characteristics.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time Res, ISC. Lists seismic events and their characteristics.

HLID	Hailey	28.05 117	P	P	12 11 42.8 -0.1
HLID	Hailey	28.05 117	eP	P	12 11 43.3 +0.4
HLID	comp=Z,111nm,1.5s		eP	pP	12 12 03.5 +0.8
HLID			eP	sP	12 12 14.4 +1.5
GCMT	Greycliff	28.26 108	eP	P	12 11 46.1 +1.4
QLMT	Earthquake Lake	28.26 112	eP	P	12 11 46.5 +1.6
QLMT	comp=Z,13nm,0.9s		eP	pP	12 12 06.6 +1.9
QLMT			eP	sP	12 12 16.4 +1.6
PET	Petrovlovsk	28.38 274	eP	S	12 11 47.0 +1.5
PET	comp=Z,25nm,0.6s		eP	pmax	12 16 28.6 +2.9
PET			MLR	MLR	
YMR	Madison River	28.59 111	eP	P	12 11 49.2 +1.5
YMR	comp=Z,67nm,0.4s		eP	pP	12 12 09.2 +1.5
YMR			eP	sP	12 12 19.2 +1.4
DGMT	Dagmar	28.66 99	eP	P	12 11 48.1 -0.1
DGMT	comp=Z,116nm,1.4s		eP	P	12 11 48.4 +0.3
DGMT			eScP	ScP	12 18 29.1 -0.3
YNR	Norris Junctio	28.67 111	eP	P	12 11 50.7 +2.2
YNR	comp=Z,176nm,1.2s		eP	pP	12 12 10.6 +2.2
YNR			eP	sP	12 12 21.2 +2.6
PETK	Petrovlovsk	28.76 275	eP	P	12 11 48.5 -0.5
PETK	comp=Z,14nm,0.7s,baz=84,slow=10,SNR=17		eP	PcP	12 14 57.1 +0.6
A25A	Svangstu Ranch	28.81 97	P	P	12 11 49.0 -0.4
YFT	Old Faithful	28.82 111	eP	P	12 11 52.4 +2.6
LKWY	Lake	28.91 111	eP	P	12 11 53.6 +2.9
LKWY	comp=Z,80nm,1.0s		eP	P	12 11 53.6 +2.9
LKWY	comp=Z,80nm,1.0s		eP	P	12 11 50.6 -0.5
RLMT	Red Lodge	28.96 109	P	P	12 11 52.6 +1.6
RLMT	comp=Z,113nm,1.3s		eP	pP	12 12 12.5 +1.6
RLMT			eP	sP	12 12 23.4 +2.3
HL7A	Grant Village	28.97 111	eP	P	12 11 52.5 +1.3
FLWY	Flag Ranch	29.17 112	eP	P	12 11 54.9 +2.0
FLWY	comp=Z,88nm,1.1s		eP	P	12 11 52.7 -0.7
IMW	Indian Meadow	29.22 112	eP	P	12 11 53.3 -0.3
B25A	Knox Farm, Ray	29.28 98	P	P	12 11 53.6 -0.5
A26A	Wade Farm, Ken	29.33 96	P	P	12 11 56.4 +1.3
MOOW	Moose Ponds	29.42 112	eP	P	12 11 58.1 +1.8
TPAW	Teton Pass	29.55 113	eP	P	12 12 18.9 +2.7
TPAW	comp=Z,97nm,1.5s		eP	pP	12 12 28.5 +2.1
BMN	Battle Mountai	29.59 124	eP	pP	12 11 58.0 +1.4
BMN	comp=Z,3.0nm,0.5s		eP	pP	12 12 18.6 +2.1
BMN	comp=Z,2.8nm,0.5s		eP	sP	12 12 28.2 +1.5
LOHW	Long Hollow	29.59 112	eP	P	12 11 58.4 +1.7
LOHW	comp=Z,69nm,1.4s		eP	pP	12 12 17.9 +1.3
B26A	Jensen Ranch,	29.62 97	P	P	12 11 56.4 -0.3
C25A	Freed Ranch, W	29.65 99	P	P	12 11 56.7 -0.2
SNOW	Snow King Moun	29.65 113	eP	P	12 11 59.3 +2.1
SNOW	comp=Z,4.3nm,0.5s		eP	pP	12 12 19.6 +2.5
SNOW			eP	sP	12 12 29.0 +2.9
AD27A	Ledoux Ranch,	29.66 95	P	P	12 11 59.4 -0.5
REDW	Red Top Meadow	29.69 113	eP	P	12 12 20.7 +3.2
REDW	comp=Z,232nm,1.4s		eP	sP	12 12 30.8 +3.2
D25A	Fairfield	30.04 100	P	P	12 11 59.8 -0.5
B27A	Peters Farms,	30.05 96	P	P	12 12 02.6 +1.7
AHID	Auburn Hatcher	30.08 114	eP	P	12 12 22.4 +1.6
AHID	comp=Z,141nm,1.4s		eP	pP	12 12 22.9 +1.8
ELK	Elko	30.09 121	eP	P	12 12 01.0 -0.1
ELK	comp=Z,83nm,1.2s		eP	pP	12 12 23.3 +2.3
ELK	comp=Z,82nm,1.2s		eP	sP	12 12 33.1 +2.0
ELK			eP	pmax	
ELK			eP	P	12 12 01.0 -0.1
ELK			eP	pP	12 12 23.3 +2.3
ELK			eP	sP	12 12 33.1 +2.0
C26A	Wahner Farm, P	30.09 98	P	P	12 12 00.5 -0.3
A28A	Rude Farm, Bot	30.13 94	P	P	12 12 00.4 -0.7
HVU	Hansel Valley	30.20 117	eP	P	12 12 02.9 +0.9
HVU	comp=Z,88nm,1.4s		eP	pP	12 12 23.9 +2.0
HVU	comp=Z,89nm,1.4s		eP	sP	12 12 34.0 +2.0
B28A	Dugan Ranch, T	30.42 95	P	P	12 12 02.9 -0.8
C27A	Saylor Ranch,	30.44 97	P	P	12 12 03.3 -0.6
E25A	Miller Ranch,	30.49 101	P	P	12 12 03.9 -0.5
D26A	Manning	30.53 99	P	P	12 12 04.3 -0.4
CMB	Columbia Colle	30.55 131	eP	P	12 12 05.8 +0.8
CMB	comp=Z,78nm,1.4s		eP	pP	12 12 26.4 +1.5
CMB	comp=Z,78nm,1.4s		eP	sP	12 12 36.7 +1.6
CMB			eP	pmax	
CMB			eP	P	12 12 05.8 +0.8
CMB			eP	pP	12 12 26.4 +1.5
CMB			eP	sP	12 12 36.7 +1.6
A29A	Manning Farm,	30.60 93	P	P	12 12 07.7 +1.0
BW06	Boulder Array	30.73 112	eP	P	12 12 28.1 +1.5
BW06	comp=Z,142nm,1.3s		eP	sP	12 12 38.3 +1.5
BW06			eP	PnPn	12 13 09.0 -0.8
BW06			eP	ScP	12 18 36.3 -0.2
SPUT	South Pionto	30.73 117	eP	P	12 12 08.1 +1.5
SPUT	comp=Z,110nm,1.3s		eP	pP	12 12 28.7 +2.1
SPUT			eP	sP	12 12 38.5 +1.8
SPUT			eP	P	12 12 08.2 +0.9
BGU	Hardware Ranch	30.84 116	eP	P	12 12 29.0 +1.6
BGU	comp=Z,38nm,1.1s		eP	pP	12 12 38.2 +0.7
BGU			eP	sP	12 12 08.8 +1.2
HWUT	Wagenman Farm,	30.87 94	P	P	12 12 29.1 +1.5
HWUT	comp=Z,111nm,1.5s		eP	pP	12 12 39.3 +1.5
D27A	Center	30.88 98	P	P	12 12 07.6 -0.1
F25A	Bowman	30.91 101	P	P	12 12 07.8 -0.2

E26A	Carlson Angus	30.94 100	P	P	12 12 08.0 -0.3
NVAR	Mina Array Bea	30.94 127	P	P	12 12 10.3 +1.7
NVAR	comp=Z,5.6nm,0.8s,baz=315,slow=8.1,SNR=29		eP	pP	12 12 30.6 +2.0
NVAR			eP	sP	12 12 40.9 +2.2
NVAR	comp=Z,1.0nm,0.8s,baz=316,slow=7.7,SNR=17		eP	sP	12 18 38.1 +0.8
NVAR			LR	LR	12 24 16.3
C28A	Hausauer Farms	30.95 96	P	P	12 12 08.2 -0.1
A30A	Hoffart Farm,	31.01 92	P	P	12 12 08.5 -0.4
ULM	Lac du Bonnet	31.09 88	P	P	12 12 10.6 +0.2
ULM	comp=Z,177nm,0.5s,baz=305,slow=4.3,SNR=34		eP	sP	12 12 31.3 +0.8
ULM			LR	LR	12 25 35.6
MDND	Maddock	31.21 95	P	P	12 12 10.1 -0.5
MDND	comp=Z,574nm,20.8s,baz=314,slow=38		eP	P	12 12 11.6 +1.0
MDND			eP	pP	12 13 22.1 -0.3
MDND			eP	sP	12 12 10.6 -0.4
MDND			eP	P	12 12 12.2 +0.3
D28A	Regan	31.25 97	P	P	12 12 33.9 +2.0
TCUT	Toone Canyon	31.32 116	eP	P	12 12 43.6 +1.7
TCUT	comp=Z,206nm,1.6s		eP	pP	12 12 11.1 -0.5
F26A	Lodgepole	31.32 101	P	P	12 12 11.2 -0.7
B30A	Myrvik Farm, E	31.35 93	P	P	12 12 12.9 -0.2
MLAC	Mammoth Lakes	31.46 129	P	P	12 12 12.8 -0.3
G25A	Newell	31.49 102	P	P	12 12 14.9 +1.3
DUG	Dugway	31.52 119	eP	P	12 12 35.0 +1.4
DUG	comp=Z,39nm,1.0s		eP	pP	12 12 45.0 +1.7
DUG			eP	sP	12 12 13.2 -0.4
DUG			eP	P	12 12 14.8 +1.3
DUG			eP	pP	12 12 35.0 +1.4
DUG			eP	sP	12 12 45.0 +1.7
DUG			eP	P	12 12 12.9 -0.4
A31A	Linda, St. Vin	31.52 91	P	P	12 12 15.1 +1.4
CTU	Camp Tracy	31.53 117	eP	P	12 12 34.8 +1.1
CTU	comp=Z,5.3nm,0.6s		eP	pP	12 12 45.4 +1.6
F27A	Leppon	31.59 100	P	P	12 12 14.2 -0.4
E28A	Huff	31.66 98	P	P	12 12 14.3 -0.4
B31A	Greenbush Farm	31.68 92	P	P	12 12 15.3 -0.4
D29A	Maurine	31.78 101	P	P	12 12 15.2 -0.6
G26A	Pettibone, Tap	31.80 96	P	P	12 12 16.3 +0.2
C30A	Mose, Pekin	31.83 94	P	P	12 12 16.2 -0.2
H25A	Fruitdale	31.85 103	P	P	12 12 17.5 -0.2
G27A	Dupree	32.01 100	P	P	12 12 19.3 +1.2
NLU	Trail Mountain	32.02 118	eP	P	12 12 38.9 +0.8
NLU	comp=Z,57nm,1.2s		eP	pP	12 12 50.0 +1.8
R11A	Troy Canyon, C	32.03 124	eP	P	12 12 18.6 +0.6
R11A	comp=Z,134nm,1.4s		eP	pP	12 12 18.8 +0.8
R11A			eP	sP	12 12 39.7 +1.6
R11A			eP	P	12 12 19.1 +0.9
RSSD	Black Hills	32.05 104	eP	P	12 12 19.1 +0.9
RSSD	comp=Z,28nm,0.6s		eP	pP	12 12 18.4 0.0
RSSD			eP	sP	12 12 18.7 -0.2
RSSD			eP	P	12 12 19.8 +0.9
K22A	Casper	32.12 109	P	P	12 12 39.5 +0.6
K22A	comp=Z,SNR=8.9		eP	pP	12 12 50.1 +1.1
K22A			eP	sP	12 12 18.7 -0.1
D30A	Buchanan	32.14 95	P	P	12 12 18.5 -0.3
E29A	Napoleon	32.14 97	P	P	12 12 18.7 -0.3
F28A	McLaughlin	32.16 99	P	P	12 12 19.4 -0.2
H26A	Fairport	32.22 102	P	P	12 12 19.5 -0.5
I25A	Rochford	32.26 104	P	P	12 12 22.1 +0.1
RCTO	Rector, Farmer	32.50 131	P	P	12 12 21.7 -0.5
H27A	Hoves	32.52 102	P	P	12 12 21.6 -0.6
E30A	Juc	32.53 96	P	P	12 12 22.4 -0.3
AGMN	Agassiz Nation	32.59 91	P	P	12 12 23.0 +0.3
AGMN	comp=Z,55nm,0.8s		eP	pP	12 12 22.6 -0.3
F29A	Eureka	32.62 98	P	P	12 12 22.9 -0.3
I26A	New Underwood	32.64 103	P	P	12 12 23.0 -0.3
D31A	McClaffin, Tow	32.66 94	P	P	12 12 23.5 -0.6
J25A	Sunshine Ranch	32.73 105	P	P	12 12 25.1 -0.5
CWC	Cottonwood Cre	32.80 129	P	P	12 12 27.1 +1.0
D32A	Dogwood Acres,	32.92 94	P	P	12 12 47.4 +1.1
TMUT	Trail Mountain	32.94 118	eP	P	12 12 25.4 -0.4
TMUT	comp=Z,58nm,1.3s		eP	pP	12 12 25.6 -0.4
TMUT			eP	sP	12 12 25.5 -0.6
E31A	Nome	32.95 95	P	P	12 12 25.5 -0.6
H28A	Mission Ridge	32.97 100	P	P	12 12 25.5 -0.9
I27A	Quinn	32.97 102	P	P	12 12 24.9 -1.6
TPNV	Topnotch Spring	33.01 126	P	P	12 12 25.3 -1.6
B34A	Aery, Baudette	33.01 90	P	P	12 12 25.5 -1.9
C33A	Trail	33.03 92	P	P	12 12 30.3 +2.7
G29A	Hoven	33.06 99	P	P	12 12 50.0 +2.3
J26A	Sides Ranch, S	33.11 104	P	P	12 12 59.7 +1.9
DAC	Darwin (Calif)	33.12 128	eP	P	12 12 30.3 +2.7
DAC	comp=Z,101nm,1.3s		eP	pP	12 12 50.0 +2.3
DAC			eP	sP	12 12 59.7 +1.9
DAC			eP	P	12 12 27.1 +1.0
DAC			eP	pP	12 12 47.4 +1.1
DAC			eP	sP	12 12 25.4 -0.4
DAC			eP	P	12 12 25.6 -0.4
DAC			eP	pP	12 12 25.5 -0.6
DAC			eP	sP	12 12 25.5 -0.9
DAC			eP	P	12 12 24.9 -1.6
DAC			eP	pP	12 12 25.3 -1.6
DAC			eP	sP	12 12 25.5 -1.9
DAC			eP	P	12 12 30.3 +2.7
DAC			eP	pP	12 12 50.0 +2.3
DAC			eP	sP	12 12 59.7 +1.9
DAC			eP	P	12 12 27.1 +1.0
DAC			eP	pP	12 12 47.4 +1.1
DAC			eP	sP	12 12 25.4 -0.4
DAC			eP	P	12 12 25.6 -0.4
SMCC	Simmer	33.15 132	P	P	12 12 26.4 -1.7
FURC	Furnace Creek,	33.21 127	P	P	12 12 30.0 +1.5
MSU	Marysville	33.22 119	eP	P	12 12 50.6 +2.0
MSU	comp=Z,160nm,1.3s		eP	pP	12 13 00.8 +2.1
MSU			eP	sP	12 12 29.9 +1.5

MSU	comp=Z,160nm,1.3s		eP	pP	12 12 50.6 +2.0
MSU			eP	sP	12 13 00.8 +2.1
F31A	Hecla	33.31 96	P	P	

V31A	Spring Creek L	40.72 108	P	P	12 13 31.4	-0.4
X28A	Dimmitt	40.77 111	P	P	12 13 31.8	-0.5
R37A	Teagarden Farm	40.84 101	P	P	12 13 32.2	-0.5
T34A	McClaskey Farm	40.84 104	P	P	12 13 32.4	-0.4
U33A	Lingo Farm, Me	40.92 106	P	P	12 13 32.9	-0.6
S36A	Lake Cedric, C	40.98 102	P	P	12 13 33.3	-0.6
MSTX	Muleshoe	40.99 112	P	P	12 13 33.6	-0.6
MSTX	Muleshoe	40.99 112	eP	P	12 13 34.9	+0.8
MSTX	comp=N,23nm,1.3s		eP	pP	12 13 56.0	+1.3
MSTX			eSP	sP	12 14 06.1	+1.4
X29A	Tulia	41.04 111	P	P	12 13 34.0	-0.5
V32A	Arapaho	41.11 107	P	P	12 13 34.6	-0.4
W31A	Holland Ranch,	41.17 108	P	P	12 13 35.4	-0.2
U34A	Anderson Ranch	41.18 105	P	P	12 13 34.9	-0.6
U34A	Anderson Ranch	41.18 105	eP	P	12 13 35.9	+0.3
U34A	Anderson Ranch	41.18 105	eP	pP	12 13 56.6	+0.4
U34A	Anderson Ranch	41.18 105	eP	sP	12 14 06.8	+0.7
T35A	Sooner Cattle	41.23 103	P	P	12 13 35.4	-0.5
Y28A	McKinney Farm,	41.27 112	P	P	12 13 36.1	-0.3
S37A	Fort Scott	41.29 101	P	P	12 13 35.9	-0.5
V33A	Lossen Ranch,	41.36 106	P	P	12 13 36.5	-0.5
X30A	Coker Ranch, T	41.39 110	P	P	12 13 36.9	-0.5
T36A	Boggs Farm, Ca	41.40 103	P	P	12 13 36.7	-0.6
W32A	Sentinel	41.53 108	P	P	12 13 37.9	-0.5
HDIL	Hopedale	41.54 93	P	P	12 13 37.7	-0.7
HDIL	Hopedale	41.54 93	eP	P	12 13 37.8	-0.7
HDIL	Hopedale	41.54 93	eP	pP	12 13 59.1	0.0
HDIL	Hopedale	41.54 93	eP	sP	12 14 09.8	+0.8
Y29A	Porterfield Fa	41.55 111	P	P	12 13 38.3	-0.4
U35A	Pawnee	41.59 104	P	P	12 13 38.5	-0.4
X31A	McDonald Ranch	41.62 109	P	P	12 13 38.7	-0.6
V34A	Guthrie	41.69 105	P	P	12 13 38.9	-0.6
V34A	Guthrie	41.69 105	eP	P	12 13 40.0	+0.3
V34A	Guthrie	41.69 105	eP	pP	12 14 01.0	+0.6
V34A	Guthrie	41.69 105	eP	sP	12 14 11.2	+0.9
Z28A	Tucker Farm, M	41.74 113	P	P	12 13 39.8	-0.4
T37A	Cheneville 18	41.77 102	P	P	12 13 39.6	-0.8
W33A	Caddo, Fort Co	41.84 107	P	P	12 13 40.2	-0.7
Y30A	Stafford Cattl	41.87 110	P	P	12 13 40.5	-0.7
MNTX	Cornudas Mount	41.87 117	P	P	12 13 40.8	-0.4
MNTX	Cornudas Mount	41.87 117	eP	P	12 13 41.9	+0.7
MNTX	Cornudas Mount	41.87 117	eP	pP	12 14 03.0	+1.1
MNTX	Cornudas Mount	41.87 117	eP	sP	12 14 13.4	+1.5
U36A	Oologah	42.01 103	P	P	12 13 41.7	-0.6
V35A	Meyer Ranch, C	42.05 105	P	P	12 13 42.1	-0.6
Z29A	Hungry Hill Ra	42.05 112	P	P	12 13 42.4	-0.4
WMOK	Wichita Mounta	42.05 108	eP	pP	12 13 43.1	+0.4
WMOK	Wichita Mounta	42.05 108	eP	sP	12 14 04.0	+0.6
WMOK	Wichita Mounta	42.05 108	eP	pmax	12 14 13.9	+0.5
WMOK	Wichita Mounta	42.05 108	eP	P	12 13 43.1	+0.4
WMOK	Wichita Mounta	42.05 108	eP	pP	12 14 04.0	+0.6
WMOK	Wichita Mounta	42.05 108	eP	sP	12 14 13.9	+0.5
Y31A	Rekietla Farm,	42.07 110	P	P	12 13 42.3	-0.5
W34A	Bridge Creek,	42.08 106	P	P	12 13 42.1	-0.8
W34A	Bridge Creek,	42.08 106	eP	P	12 13 42.9	0.0
W34A	Bridge Creek,	42.08 106	eP	pP	12 14 04.4	+0.8
W34A	Bridge Creek,	42.08 106	eP	sP	12 14 14.2	+0.6
X32A	Elmer	42.10 108	P	P	12 13 42.8	-0.3
ASAJ	Asahikawa	42.15 276	eP	P	12 13 42.5	-0.8
HABR	Khabarovsk	42.21 287	eP	P	12 13 41.4	-2.4
HABR	Khabarovsk	42.21 287	eP	sP	12 14 01.0	-1.3
HABR	Khabarovsk	42.21 287	eP	e	12 15 19.9	
HABR	Khabarovsk	42.21 287	eP	eS	12 15 35.1	
HABR	Khabarovsk	42.21 287	eP	S	12 19 58.6	+1.4
HABR	Khabarovsk	42.21 287	eP	pmax		
HABR	Khabarovsk	42.21 287	eP	pmax		
HABR	Khabarovsk	42.21 287	eP	MLR		
HABR	Khabarovsk	42.21 287	eP	MLR		
128A	Castleberry Fa	42.27 113	P	P	12 13 44.2	-0.4
U37A	Salina	42.28 102	P	P	12 13 44.0	-0.5
X33A	Lawton	42.34 107	P	P	12 13 44.5	-0.5
TUL1	Tulsa	42.39 104	P	P	12 13 44.8	-0.6
TUL1	Tulsa	42.39 104	eP	P	12 13 45.5	+0.1
TUL1	Tulsa	42.39 104	eP	pP	12 14 06.1	0.0
TUL1	Tulsa	42.39 104	eP	sP	12 14 15.9	-0.2
Y32A	R-V Farms, Ver	42.39 109	P	P	12 13 45.1	-0.3
V36A	Jenks	42.43 104	P	P	12 13 45.2	-0.5
129A	Stewart Farms,	42.53 112	P	P	12 13 46.2	-0.4
W35A	Tecumseh	42.54 105	P	P	12 13 46.2	-0.4
U38A	Gravette	42.58 102	P	P	12 13 46.5	-0.5
X34A	Smith Ranch, M	42.59 107	P	P	12 13 46.7	-0.3
228A	UT Block 9, Go	42.66 114	P	P	12 13 47.5	-0.3
Z31A	Sharp Cattle R	42.67 110	P	P	12 13 47.4	-0.4
SFIN	Scholer Farm	42.69 91	eP	P	12 13 48.0	+0.2
SFIN	Scholer Farm	42.69 91	eP	pP	12 14 08.8	+0.3
SFIN	Scholer Farm	42.69 91	eP	sP	12 14 19.4	+1.0
V37A	Hulbert	42.70 103	P	P	12 13 47.5	-0.5
AAM	Ann Arbor	42.74 87	eP	P	12 13 49.1	+1.0
AAM	Ann Arbor	42.74 87	eP	pmax		
AAM	Ann Arbor	42.74 87	eP	P	12 13 49.1	+1.0
V36A	Hilltop Ranch,	42.74 108	P	P	12 13 47.8	-0.5
W33A	Wetumka	42.84 105	P	P	12 13 48.7	-0.4
SAD0	Sadowa	42.87 81	P	P	12 13 48.9	-0.3
130A	Snyder	42.94 112	P	P	12 13 49.3	-0.6
Z32A	Haskell	42.97 109	P	P	12 13 49.5	-0.6
V38A	Canehill	43.05 102	P	P	12 13 49.9	-0.8

KLR	Kul'dur	43.08 290	eP	P	12 13 46.0	-4.8
KLR	Kul'dur	43.08 290	eP	P	12 14 16.0	
KLR	comp=E,56nm,1.8s		pmax	pmax		
131A	Roby	43.12 111	P	P	12 13 50.7	-0.7
229A	Gray Ranch,	43.12 113	P	P	12 13 50.7	-0.8
X35A	Drake	43.13 106	P	P	12 13 50.5	-0.9
Y34A	Reagan Ranch,	43.16 107	P	P	12 13 51.3	-0.3
W37A	Quinton	43.20 104	P	P	12 13 51.2	-0.8
X36A	Centrahoma	43.26 105	P	P	12 13 51.5	-0.9
Z33A	Whitaker Ranch	43.29 109	P	P	12 13 52.1	-0.7
329A	Wagon Wheel R	43.47 113	P	P	12 13 53.6	-0.7
ABTX	Abilene, Hawle	43.48 110	P	P	12 13 53.8	-0.5
ABTX	Abilene, Hawle	43.48 110	eP	P	12 13 54.4	+0.1
ABTX	Abilene, Hawle	43.48 110	eP	pP	12 14 15.2	+0.2
ABTX	Abilene, Hawle	43.48 110	eP	sP	12 14 25.5	+0.5
Z30A	Sterling City	43.49 112	P	P	12 13 53.7	-0.7
Y35A	Marietta	43.52 106	P	P	12 13 54.0	-0.5
ERM	Erimo	43.54 274	eP	P	12 13 55.7	+1.1
ERM	Erimo	43.54 274	eP	P	12 13 55.3	+0.7
OLIL	Olney	43.55 94	eP	P	12 13 53.9	-0.9
OLIL	Olney	43.55 94	eP	pP	12 14 15.4	-0.2
OLIL	Olney	43.55 94	eP	sP	12 14 26.1	+0.7
Z34A	Collier Ranch,	43.59 108	P	P	12 13 54.6	-0.5
BOD	Boadaibo	43.65 310	iP	pmax	12 13 53.9	-1.4
W38A	Poteau	43.66 103	P	P	12 13 55.0	-0.6
X37A	Clayton	43.68 104	P	P	12 13 55.3	-0.5
Z31A	Bronte	43.78 111	P	P	12 13 56.3	-0.4
133A	Hamilton Ranch	43.81 109	P	P	12 13 56.4	-0.5
X38A	Whitesboro	43.86 104	P	P	12 13 56.8	-0.4
Y36A	Durant	43.86 106	P	P	12 13 56.5	-0.7
SIUC	Southern Illin	43.87 96	eP	P	12 13 56.5	-0.7
SIUC	Southern Illin	43.87 96	eP	pP	12 14 18.4	+0.3
SIUC	Southern Illin	43.87 96	eP	sP	12 14 28.9	+0.9
330A	Mertzton	43.88 113	P	P	12 13 57.1	-0.4
Z35A	Parchaven, San	43.92 107	P	P	12 13 57.2	-0.5
Y37A	Hugo	43.99 105	P	P	12 13 58.5	-0.6
Z32A	Coleman	44.11 111	P	P	12 13 59.3	-0.1
134A	White-Moore Ra	44.20 108	P	P	12 13 59.6	-0.4
429A	Davenport Ranch	44.25 114	P	P	12 14 00.1	-0.4
331A	San Angelo	44.28 112	P	P	12 14 00.4	-0.3
Z33A	Rising Star	44.32 110	P	P	12 14 00.5	-0.5
Z36A	Blue Ridge	44.33 106	P	P	12 14 00.6	-0.4
USIN	University of	44.37 94	eP	P	12 14 00.7	-0.7
USIN	University of	44.37 94	eP	pP	12 14 22.0	-0.2
USIN	University of	44.37 94	eP	pwP	12 14 32.7	+1.0
430A	Baggett Ranch,	44.39 113	P	P	12 14 01.3	-0.3
PARMO	Parma	44.49 97	eP	pP	12 14 02.2	-0.1
PARMO	Parma	44.49 97	eP	sP	12 14 23.2	+0.2
135A	Vickery Place,	44.51 108	P	P	12 14 01.8	-0.6
332A	Millersview	44.51 111	P	P	12 14 02.2	-0.3
MIAR	Mount Ida	44.52 102	P	P	12 14 01.9	-0.6
Y38A	Idabel	44.52 104	P	P	12 14 02.0	-0.6
529A	Stev Forest Ra	44.55 115	P	P	12 14 02.3	-0.6
TXAR	Lajitas Array	44.65 117	P	P	12 14 04.8	+1.1
TXAR	Lajitas Array	44.65 117	P	pP	12 14 26.4	+1.8
TXAR	Lajitas Array	44.65 117	P	sP	12 14 36.1	+1.7
TXAR	Lajitas Array	44.65 117	P	LR	12 34 21.1	
234A	Clairette	44.66 109	P	P	12 14 03.2	-0.5
ACSO	Alum Creek Sta	44.69 88	eP	P	12 14 04.0	+0.2
ACSO	Alum Creek Sta	44.69 88	eP	pP	12 14 23.9	-0.8
ACSO	Alum Creek Sta	44.69 88	eP	sP	12 14 34.8	+0.2
431A	Sonora	44.74 113	P	P	12 14 04.1	-0.3
WCI	Wyandotte Cave	44.79 93	eP	pP	12 14 04.3	-0.3
WCI	Wyandotte Cave	44.79 93	eP	pmax	12 14 25.0	-0.5
WCI	Wyandotte Cave	44.79 93	eP	P	12 14 04.3	-0.3
Y39A	Lockesburg	44.80 103	P	pP	12 14 25.0	-0.5
333A	Richard Sprin	44.88 110	P	P	12 14 05.0	-0.5
530A	J-C Ranch, Com	44.90 114	P	P	12 14 05.1	-0.5
432A	Menard	44.92 112	P	P	12 14 05.4	-0.4
136A	Ennis	44.96 107	P	P	12 14 05.6	-0.4
WHTX	Lake Whitney	44.97 108	P	P	12 14 05.7	-0.4
WHTX	Lake Whitney	44.97 108	eP	P	12 14 06.7	+0.6
WHTX	Lake Whitney	44.97 108	eP	pP	12 14 27.2	+0.2
WHTX	Lake Whitney	44.97 108	eP	sP	12 14 37.0	+0.1
Z36A	Mt. Pleasant	44.98 105	P	P	12 14 05.8	-0.3
137A	LONy Lake Ozonia	45.04 77	eP	P	12 14 06.2	-0.4
137A	Heron Place, G	45.20 106	P	P	12 14 07.4	-0.5
334A	Lometa	45.20 110	P	P	12 14 07.5	-0.4
531A	Rocksprings	45.22 113	P	P	12 14 07.8	-0.4
JCT	Junction City	45.26 112	eP	P	12 14 09.2	+0.7
JCT	Junction City	45.26 112	eP	pP	12 14 30.0	+0.6
JCT	Junction City	45.26 112	eP	sP	12 14 40.1	+0.8
JCT	Junction City	45.26 112	eP	pmax		
JCT	Junction City	45.26 112	eP	P	12 14 07.8	-0.7
JCT	Junction City	45.26 112	eP	P</		

25d 12h

2010 SEP

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., SNR, SNR=26, etc.).

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Table with columns: Station Name, Frequency, Bandwidth, SNR, and other technical details. Includes stations like GERES, LANS, ENH, USP, TKM2, etc.

Table with columns: Station Name, Frequency, Bandwidth, SNR, and other technical details. Includes stations like PCBR, KBZ, NCK, DZET, etc.

Table with columns: Station Name, Frequency, Bandwidth, SNR, and other technical details. Includes stations like NJS, ADKI, SRLM, etc.

25d 16h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H1N3 WAKE ISLAND, H1S1 WAKE ISLAND, H1S2 WAKE ISLAND, etc.

ISCJB 25 16:14:30.0, 0.4, 2.26N, 0.03, 126.00E, 0.06, h150km, mb4.0/10, Error ellipse: s-maj=9.0km s-min=3.9km az=178.6

25d 16h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SGSI Sangihe, GSPH General Santos, MATI Mati, etc.

2010 SEP

NIED 25 16:00:38.60N, 141.80E, h53km, Mw4.0 Best double couple: M9.92000, 1014 NP1: 2.75, 00000, 833.00000, 2.46, 00000. NP2: 46.00000, 867.00000, 1.14, 00000.

2010 SEP

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JIO Ouri, OFUJ Ofunato, JMK Ichinoseki, etc.

2010 SEP

ISCJB 25 16:14:30.0, 0.6, 4.30N, 0.04, 125.98E, 0.08, h150km, n43, s166/46, mb3.9/10, 2D, Talaud Islands

2010 SEP

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TLY Talaya, ZALV Zalesovo Beam, CMAR Chiang Mai Arr, etc.

2010 SEP

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like H4RU PETROPOLVOVSK, PETK Petropavlovsk, IS5U FAIRBANKS INFR, etc.

2010 SEP

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

2010 SEP

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

2010 SEP

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WMGZ Waionatitini S, HAZ Te Kaha, PUZ Puketitii, etc.

1158

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BOLF Bolinao, BOLP Santa Cruz, CAZP Cauayan, etc.

1158

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.

1158

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

1158

ECX 25 16:47:38.5, 0.3, 31.24N, 115.65W, h6km, MD3.9, ML4.2, Fault plane solution: NP1: 123.23000, 875.52000, 2.26, 57000.

1158

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SPIG San Pedro Mart, SPX San Pedro Mart, SPX San Pedro Mart, etc.

1158

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

1158

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like EI Chinero, RDX Rancho Dawling, RDX Rancho Dawling, etc.

1158

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

1158

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

25d 18h

Table with columns: EADA, Adamuz, 5.35, 18, P, Pn, 17 37 07.9 +0.9, etc.

MAN 25 17:48:52, 10:40N-125:14E, h4km, mb4.8, ML3.7, MS3.7, 9C-1D, Leyte

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

IDC 25 18:02:37.8, 0.6, 39.72S; 74.98W, h0km, mb4.2/1.1, mb1 4.2/1.4, mb1mx4.2/2.8, mbtmp4.1/1.4, ML3.6/3, MS3.7/9, MS1 3.6/9, ms1mx3.5/1.6, Error ellipse: s-maj=2.6km, s-min=1.6km az=102.0

BUI 25 18:02:41.0, 38.81S; 74.96W, h2km, mb5.1/5, Ms5.5/5, Ms7.5/5

ISCJB 25 18:02:43.0, 0.3, 39.56S; 0.04; 74.81W, 0.07, h33km, mb4.7/48, MS3.7/7, Error ellipse: s-maj=7.9km s-min=5.8km az=23.0

NEIC 25 18:02:44.5, 0.3, 39.63S; 74.96W, h35km, mb4.9/43, Error ellipse: s-maj=9.9km s-min=7.3km az=66.0

NEIC Feit at Valdivia, ISC 25 18:02:44.1, 0.4, 39.56S; 0.05; 74.98W, 0.09, h35km, n94, c1540/110, mb4.8/50, MS3.9/7, Off coast of central Chile

Main table for station data on the left side, including PLCA, U65B, U73B, etc.

2010 SEP

Main table for station data in the middle, including NLU, O16A, DUG, K22A, etc.

IDC 25 18:04:56.7, 0.9, 31.67S; 178.00W, h0km, mb4.1/4, mb1 4.3/5, mb1mx3.9/2.1, mbtmp4.1/1.5, ML4.1/1, Error ellipse: s-maj=29.7km s-min=28.6km az=3.0

NEIC 25 18:05:01.9, 0.7, 31.88S; 178.14W, h35km, mb4.2/1, Error ellipse: s-maj=20.5km s-min=13.0km az=139.0

CIDS ISC 25 18:05:00.8, 1.1, 31.18S; 178.33W, 0.2, h10km, n27, c1597/16, mb3.8/5, Kermadec Islands region

Main table for station data in the middle, including RAO, HAZ, PUZ, etc.

1160

Table with columns: NOA, NORSAR Array B 149.47 351, AKASA, Malin Array Be 151.74 322, BRTR, Keskini Array B 152.71 297

GUC 25 18:08:56.3, 0.7, 36.66S; 72.98W, h20km, 7km, ML3.9, 2C-2D, Near coast of central Chile

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

AUST 25 18:18:48.6, 26.24S; 177.14W, h600km, IDC 25 18:18:57.6, 3.5, 24.41S; 180.00W, h483km, 3.3km, mb3.2/5, mb1 3.4/5, mb1mx3.1/2.1, mbtmp4.0/5, Error ellipse: s-maj=31.0km s-min=24.6km az=136.0

ISCJB 25 18:18:59.9, 1.1, 24.55S; 0.2; 180.0E; 0.2, h517km, mb3.5/5, Error ellipse: s-maj=31.2km s-min=17.2km az=154.9

ISC 25 18:19:00.7, 0.8, 24.45S; 0.2; 179.9E; 0.1, h517km, n22, c1548/24, mb3.5/5, South of Fiji Islands

Main table for station data on the right side, including DZM, RMQ, CMSA, QLP, etc.

IDC 25 18:43:11.7, 1.1, 12.42N; 88.09W, h0km, mb4.1/10, mb1 4.3/1.1, mb1mx4.0/3.1, mbtmp4.1/1.1, ML3.7/2, MS3.4/6, MS1 3.4/6, ms1mx3.0/2.9, Error ellipse: s-maj=36.5km s-min=16.0km az=40.0

ISCJB 25 18:43:13.0, 0.4, 12.07N; 0.05; 88.40W; 0.05, h33km, mb4.5/33, MS3.4/6, Error ellipse: s-maj=9.2km s-min=3.6km az=38.8

CASC 25 18:43:15.5, 1.9, 12.13N; 88.42W, h35km, 12km, MD4.1, mb4.6(NEIC)

BUI 25 18:43:17.5, 12.30N; 88.30W, h43km, mb4.9/1, Ms7.4/4.1

NEIC 25 18:43:18.0, 1.1, 12.28N; 88.28W, h44km, 9km, mb4.7/26, Error ellipse: s-maj=14.9km s-min=7.0km az=224.0

ISC 25 18:43:15.4, 0.5, 12.19N; 0.06; 88.33W; 0.06, h33km, n287, c0975/292, mb4.5/35, MS3.2/6, 1C-1D, Off coast of central America

Main table for station data on the right side, including CNCH, VSM, SNVI, etc.

734A	baz=19,SNR=7.2	19.12 332	P	Pn	18 47 36.9 +0.2
635A	Leesville	19.24 334	P	Pn	18 47 38.5 +0.4
537A	Green Hill Far	19.29 339	P	Pn	18 47 39.1 +0.4
832A	Faith Ranch, C	19.36 328	P	Pn	18 47 39.8 +0.2
733A	Divot King Ran	19.37 330	P	Pn	18 47 39.8 +0.1
439A	Center Grove,	19.45 343	P	Pn	18 47 40.7 +0.1
438A	Sam Houston St	19.62 341	P	P	18 47 42.1 +0.9
TIGA	Tifton	19.65 12	P	P	18 47 42.7 +1.2
535A	Dale	19.72 336	P	Pn	18 47 43.4 -0.4
732A	Laxson Ranch,	19.72 328	P	P	18 47 43.0 +0.7
340A	Bronson	19.81 346	P	Pn	18 47 44.7 -0.3
339A	Huntington	19.90 344	P	Pn	18 47 45.5 -0.5
633A	Saathoff Ranch	19.93 331	P	P	18 47 45.1 +0.6
VBMS	Vicksburg	20.04 355	P	P	18 47 46.0 +0.3
534A	Blanco	20.10 334	P	P	18 47 46.4 +0.1
632A	Uvalde	20.26 330	P	P	18 47 48.6 +0.4
337A	Centerville	20.27 341	P	P	18 47 48.4 +0.1
533A	Kerrville	20.38 332	P	P	18 47 50.0 +0.5
435B	Jarrell	20.39 337	P	P	18 47 49.8 +0.3
239A	Gary	20.53 345	P	P	18 47 51.3 +0.3
631A	Perdido Creek	20.58 328	P	P	18 47 52.0 +0.3
434A	Burnet	20.69 335	P	P	18 47 53.0 +0.2
335A	Moody	20.78 338	P	P	18 47 54.0 +0.3
532A	Rocksprings	20.83 331	P	P	18 47 54.8 +0.4
433A	Art	20.99 333	P	P	18 47 56.3 +0.2
JCT	Junction City	21.08 331	P	P	18 47 57.4 +0.3
JCT	Junction City	21.08 331	eP	P	18 47 57.1 +0.1
334A	Lometa	21.14 336	P	P	18 47 57.9 +0.3
531A	Rocksprings	21.18 330	P	P	18 47 58.2 +0.1
138A	Matatal Enter	21.30 344	P	P	18 48 00.1 +0.8
432A	Menard	21.41 332	P	P	18 48 01.0 +0.4
137A	Heron Place, G	21.43 343	P	P	18 48 01.7 +1.0
333A	Richland Sprin	21.43 334	P	P	18 48 01.3 +0.5
136A	Ennis	21.55 341	P	P	18 48 02.3 +0.3
530A	J-C Ranch, Com	21.57 328	P	P	18 48 02.1 -0.1
ATAH	Atahualpa	21.59 152	LR	LR	18 55 50.3
GOGA	Godfrey	21.59 11	eP	P	18 48 03.5 +1.0
LRS	Lares	21.59 71	eP	P	18 47 58.9 -3.7
431A	Conora	21.63 330	P	P	18 48 03.0 0.0
234A	Clairette	21.69 337	P	P	18 48 03.8 +0.2
332A	Millersview	21.81 333	P	P	18 48 05.1 +0.2
135A	Vickery Place,	21.92 339	P	P	18 48 05.5 -0.6
Z37A	Pogue Cattle C	21.95 343	P	P	18 48 06.5 +0.2
233A	Rising Star	22.00 335	P	P	18 48 07.2 +0.2
430A	Baggett Ranch,	22.03 329	P	P	18 48 07.5 +0.3
331A	San Angelo	22.06 331	P	P	18 48 07.8 +0.2
134A	White-Moore Ra	22.18 338	P	P	18 48 09.1 +0.3
232A	Coleman	22.20 334	P	P	18 48 09.2 0.0
429A	Davenport Ranc	22.23 328	P	P	18 48 09.8 +0.3
TXAR	Lajitas Array	22.24 322	P	P	18 48 10.4 +0.8
TX31	Lajitas Ar. Si	22.24 322	eP	P	18 48 10.2 +0.6
Z36A	Blue Ridge	22.26 342	P	P	18 48 09.8 +0.2
Y39A	Lockesburg	22.28 347	P	P	18 48 10.1 +0.2
Y38A	Idabel	22.42 346	P	P	18 48 11.6 +0.3
330A	Mertzton	22.50 330	P	P	18 48 12.2 -0.1
133A	Hamilton Ranch	22.53 336	P	P	18 48 12.2 -0.3
231A	Bronte	22.54 333	P	P	18 48 12.6 -0.1
Z35A	Perchaven, San	22.57 340	P	P	18 48 12.5 -0.5
Y37A	Hugo	22.69 344	P	P	18 48 14.4 +0.2
H06E1	SOCORRO T-PHAS	22.73 290	T	T	19 11 39.8
MIAR	Mount Ida	22.76 349	P	P	18 48 15.3 +0.3
MIAR	Mount Ida	22.76 349	eP	P	18 48 15.2 +0.2
UALR	University of	22.78 351	eP	P	18 48 14.8 -0.3
Y36A	Durant	22.80 343	P	P	18 48 15.7 +0.3
Z34A	Collier Ranch,	22.84 339	P	P	18 48 15.9 +0.1
ABTX	Abielene, Hawle	22.84 335	P	P	18 48 15.7 -0.2
ABTX	Abielene, Hawle	22.84 335	eP	P	18 48 15.0 -0.9
JSC	Jenkinsville	22.92 15	eP	P	18 48 17.4 +0.8
Y35A	Marietta	23.03 341	P	P	18 48 17.9 +0.1
Z33A	Whitaker Ranch	23.07 337	P	P	18 48 18.0 -0.2
X38A	Whitesboro	23.15 346	P	P	18 48 19.4 +0.5
131A	Roby	23.20 333	P	P	18 48 19.2 -0.3
X37A	Clayton	23.20 345	P	P	18 48 19.6 +0.1
229A	Bryant Ranch,	23.27 330	P	P	18 48 20.0 -0.2
Y34A	Reagan Ranch,	23.32 340	P	P	18 48 20.8 +0.2
PCRV	Puerto La Cruz	23.33 93	P	P	18 48 20.2 -0.8
Z32A	Haskell	23.37 336	P	P	18 48 20.8 -0.4
130A	Snyder	23.39 332	P	P	18 48 20.8 -0.7
X36A	Centrahoma	23.45 343	P	P	18 48 22.4 +0.5
W38A	Poteau	23.46 347	P	P	18 48 22.3 +0.3
X35A	Drake	23.47 342	P	P	18 48 22.3 +0.1
Z31A	Sharp Cattle R	23.65 335	P	P	18 48 23.6 -0.3
Y33A	Hilltop Ranch,	23.66 338	P	P	18 48 23.3 -0.7
KMSC	Kings Mountain	23.72 14	P	P	18 48 24.4 -0.1
TKL	Tuckaleechee C	23.73 9	P	P	18 48 24.8 +0.2

TKL	7.5nm,0.8s,ba	173,slow=8.1,SNR=5.1	LR	LR	18 56 42.1
TKL	comp=Z,67nm,19.9s,ba	192,slow=34			
W37A	Tuckaleechee C	23.73 9	eP	P	18 48 25.3 +0.7
X34A	Quint	23.74 345	P	P	18 48 25.0 +0.3
W36A	Smith Ranch, M	23.93 340	P	P	18 48 26.6 +0.1
W36A	Wetumka	23.95 344	P	P	18 48 26.4 -0.2
LPIG	La Paz	23.97 303	LR	LR	18 57 11.1
Z30A	Sanderson Ranch	24.05 333	P	P	18 48 27.3 -0.4
X33A	Lawton	24.10 339	P	P	18 48 28.0 -0.1
128A	Castleberry Fa	24.13 330	P	P	18 48 28.2 -0.3
W35A	Tecumseh	24.14 343	P	P	18 48 28.6 +0.1
V38A	Canehill	24.20 348	P	P	18 48 29.1 0.0
Y31A	Rekiela Farm,	24.25 335	P	P	18 48 29.7 +0.2
X32A	Elmer	24.28 338	P	P	18 48 29.9 +0.2
Z29A	Hungry Hill Ra	24.29 332	P	P	18 48 29.5 -0.4
WMOK	Wichita Mounta	24.38 339	eP	P	18 48 29.9 -0.7
V37A	Hulbert	24.38 347	P	P	18 48 30.8 +0.1
Y30A	Stafford Cattle	24.45 334	P	P	18 48 31.2 -0.2
V36A	Jenks	24.48 345	P	P	18 48 31.6 +0.1
W34A	Bridge Creek,	24.49 341	P	P	18 48 31.7 0.0
W34A	Bridge Creek,	24.49 341	eP	P	18 48 32.0 +0.3
PBMO	Poplar Bluff	24.56 356	eP	P	18 48 32.1 -0.2
TUL1	Tulsa	24.56 345	P	P	18 48 32.5 +0.2
TUL1	Tulsa	24.56 345	eP	P	18 48 30.8 -1.5
Z28A	Tucker Farm, M	24.63 331	P	P	18 48 33.1 +0.1
W33A	Caddo, Fort Co	24.64 340	P	P	18 48 33.0 -0.1
V35A	Meyer Ranch, C	24.70 343	P	P	18 48 33.5 -0.1
X31A	McDonald Ranch	24.73 337	P	P	18 48 33.1 -0.7
U38A	Gravette	24.76 348	P	P	18 48 34.0 0.0
Y29A	Porterfield Fa	24.77 333	P	P	18 48 34.1 -0.2
U37A	Salina	24.88 347	P	P	18 48 35.2 +0.1
W32A	Sentinel	24.89 338	P	P	18 48 35.2 -0.1
X30A	Coker Ranch, T	24.93 335	P	P	18 48 35.8 +0.1
V34A	Guthrie	24.97 342	P	P	18 48 35.8 -0.2
V34A	Guthrie	24.97 342	eP	P	18 48 35.4 -0.6
MNXT	Cornudas Mount	24.98 324	P	P	18 48 35.7 -0.5
MNXT	Cornudas Mount	24.98 324	eP	P	18 48 35.5 -0.7
U36A	Oologah	25.01 346	P	P	18 48 36.3 -0.1
Y28A	McKinney Farm,	25.07 332	P	P	18 48 37.1 0.0
V33A	Loosan Ranch,	25.19 341	P	P	18 48 38.0 0.0
W31A	Holland Ranch,	25.20 337	P	P	18 48 38.3 +0.1
X29A	Tulla	25.28 333	P	P	18 48 38.8 -0.1
V32A	Arapaho	25.35 339	P	P	18 48 39.2 -0.3
MSTX	Muleshoe	25.37 331	P	P	18 48 39.7 0.0
MSTX	Muleshoe	25.37 331	eP	P	18 48 39.8 0.0
T37A	Cheneyville 18	25.52 348	P	P	18 48 41.0 0.0
U34A	Anderson Ranch	25.53 343	P	P	18 48 40.8 -0.2
U34A	Anderson Ranch	25.53 343	eP	P	18 48 40.7 -0.4
AMTX	Amarillo	25.64 334	P	P	18 48 42.4 +0.2
AMTX	Amarillo	25.64 334	eP	P	18 48 43.0 +0.8
T36A	Boggs Farm, Ca	25.68 346	P	P	18 48 42.4 0.0
V31A	Spring Creek L	25.69 338	P	P	18 48 42.8 +0.3
T35A	Sooner Cattle	25.70 345	P	P	18 48 42.6 0.0
U33A	Lingo Farm, Me	25.70 342	P	P	18 48 42.8 +0.1
W29A	Amrillo	25.83 334	P	P	18 48 43.9 0.0
T34A	McClaskey Farm	25.98 344	P	P	18 48 45.5 +0.4
S37A	Fort Scott	26.12 348	P	P	18 48 46.7 +0.3
S36A	Lake Cedric, C	26.25 347	P	P	18 48 47.6 0.0
S35A	Otter Creek Ra	26.38 346	P	P	18 48 48.7 0.0
V29A	Stinnett	26.42 335	P	P	18 48 49.3 0.0
V28A	Channing	26.61 334	P	P	18 48 51.0 0.0
R36A	Gordon, Harris	26.80 347	P	P	18 48 52.5 -0.1
T31A	Randall Ranch,	26.82 340	P	P	18 48 52.9 +0.2
U29A	Oasis Ranch, S	26.83 336	P	P	18 48 52.6 -0.3
121A	Cookes Peak, D	27.00 322	P	P	18 48 54.3 -0.3
U27A	Thompson Grove	27.44 334	P	P	18 48 58.2 -0.2
Q34A	Chapman	27.70 345	P	P	18 49 00.6 0.0
KSU1	Kansas State U	27.80 346	P	P	18 49 01.6 +0.2
R31A	Burdett	27.85 341	P	P	18 49 02.0 0.0
P36A	Good Intent, A	27.99 349	P	P	18 49 03.3 +0.1
Q33A	Connelly Farm,	28.01 344	P	P	18 49 03.3 -0.1
S28A	Manter	28.06 337	P	P	18 49 03.8 -0.1
P35A	Duane Minner,	28.07 347	P	P	18 49 04.0 0.0
Q32A	Meitler Ranch,	28.20 343	P	P	18 49 05.2 +0.1
P34A	Walnut Farm, R	28.27 346	P	P	18 49 05.8 +0.1
T26A	Cotanche Natio	28.40 334	P	P	18 49 07.2 0.0
R28A	Tribune	28.69 338	P	P	18 49 09.3 -0.2
S26A	Kim	28.73 334	P	P	18 49 10.0 0.0
T25A	Trinidad	28.73 333	P	P	18 49 09.9 -0.2
T25A	Trinidad	28.73 333	eP	P	18 49 12.1 +2.0
O34A	Beatrice	28.85 347	P	P	18 49 10.9 0.0
O33A	Hebron	28.96 345	P	P	18 49 12.1 +0.3
R26A	Arlington	29.29 335	P	P	18 49 15.4 +0.5
SDCO	Great Sand Dun	29.73 332	P	P	18 49 19.0 0.0
SDCO	Great Sand Dun	29.73 332	eP	P	18 49 21.1 +2.1

S22A	4UR Ranch, Cre	30.36 330	P	P	18 49 24.2 -0.4
K30A	Basset	31.92 344	P	P	18 49 37.9 -0.1
ECSD	EROS Data Cent	32.24 349	P	P	18 49 40.5 -0.2
ECSD	EROS Data Cent	32.24 349	eP	P	18 49 39.5 -1.2
SAML	Samuel	32.65 129	eP	P	18 49 44.8 +0.3
O20A	White River Ci	32.92 331	eP	P	18 49 46.7 -0.3
O20A	White River Ci	32.92 331	eP	P	18 49 49.3 +2.3
H34A	Spellman Lake,	32.99 350	P	P	18 49 47.2 -0.1
K26A	Molz Farm, Whi	33.03 340	P	P	18 49 47.7 0.0
J28A	Allard Ranch,	33.06 343	P	P	18 49 48.0 0.0
SPMN	St. Paul	33.15 354	P	P	18 49 48.2 -0.5
SPMN	St. Paul	33.15 354	eP	P	18 49 47.6 -1.0
BORC	Borrego Spring	33.15 314	eP	P	18 49 44.8 -4.1
G36A	St. Michael	33.26 353	P	P	18 49 49.4 -0.2
I29A	Vivian Onida	33.36 344	P	P	18 49 50.9 +0.4
SUSD	South Dakota S	33.41 346	P	P	18 49 50.9 -0.1
G34A	Benson	33.53 351	P	P	18 49 51.4 -0.5
J26A	Sides Ranch, S	33.53 340	P	P	18 49 52.5 +0.3
I28A	Midland	33.57 343	P	P	18 49 53.0 +0.6
F36A					

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include JKRS Kuro-shima, JIJ Ishigaki jima, PNG Penghu, etc.

NIED 25:22:04.00, 43.60N, 147.30E, h2km, Mw4.0 Best double couple: M0.1070000, N1.00000, P1.00000, S0.50000, ...

IDC 25:22:04.10, 6.0, 8.3, 80N, 147.33E, h0km, mb3.8/19, mb1.4, 0.2/1, mb1mx3, 9/37, mbtmp3, 8/21, ML3.6/2, MS3.0/3, ...

ISCJB 25:22:04.16, 8.0, 7.43, 82N, 147.34E, h0.07, h58km, 4km, mb3.9/22, MS3.1/2, Error ellipse: s-maj=11.1km, s-min=5.0km, az=139.9

JMA 25:22:04.16, 9.0, 3.43, 62N, 147.27E, h23km, 4km, M4.6 MOS 25:22:04.16, 8.1, 4.4, 00N, 147.30E, h55km, mb4.2/12, Error ellipse: s-maj=10.0km, s-min=8.0km, az=90.2

NEIC 25:22:04.17, 8.1, 2.43, 81N, 147.36E, h55km, 10km, mb4.3/3, Error ellipse: s-maj=15.4km, s-min=8.8km, az=143.0

SKHL 25:22:04.17, 3.0, 3.43, 78N, 147.29E, h5km, 6km, mb4.8/4, ISC 25:22:04.17, 1.0, 4.3, 81N, 147.34E, h0.06, h51km, 8km, h88, ...

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include JRA Rausi, JNK Nakash, JAK Akkeshi, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include ERM Erimo, INBK Urukawa-nobuka, YSS Yuzh-Sakhalins, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include UGL Uglegorsk, SKR Severo-Kuril'sk, HABR Khabarovsk, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include MAJO Matsushiro, MJAR Matsushiro Arr, MJAR Matsushiro, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include USRK Ussuriysk Ar., PETK Petropavlovsk-, KSRK Korea Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include H1N2 WAKE ISLAND Hy 29.06 140, H1N1 WAKE ISLAND Hy 29.07 140

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include H1N3 WAKE ISLAND Hy 29.08 140, H1S1 WAKE ISLAND Hy 30.03 141, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include GUMO Guam, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include AAK Ala-Archa, AAK Ala-Archa, AAK Ala-Archa, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include NVAR Milna Array Bea, NB2 NORSAR Subarra, NOA NORSAR Array B, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include ONI Borg Borganes, AKASG Malin Array Be, AKASG Malin Array Be, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include BRTR Keskin Array B, GERES GERESS Array B, TXAR Lajitas Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include JHU Hanno, JAG Ashikaga, JRY Ryogami san, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include JAT Jato, FUG Fuego 3, IXG Ixpaco, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include H1N2 WAKE ISLAND Hy 29.06 140, H1N1 WAKE ISLAND Hy 29.07 140

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include s-maj=233.2km, s-min=29.7km, az=165.0, ISC 25:22:08.0, 0.8, 46.48N, 140.04, 142.04E, 0.05, h14km, n13, ...

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include YSS Yuzh-Sakhalins, YSS 130nm, 0.4s, YSS 870nm, 0.4s, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include GRNR Gornyy, EKMR Ekimchan, EKMR Ekimchan, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include BOLV Bolvadine, BOLV Bolvadine, BOLV Bolvadine, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include SUTC Suttlece-Isparta, SUTC Suttlece-Isparta, SUTC Suttlece-Isparta, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include KHAL Karahalli, KHAL Karahalli, KHAL Karahalli, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include BORA Eskisehir, BORA Eskisehir, BORA Eskisehir, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include KONT Konya-Tatoy, BCK Bucak, BCK Bucak, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include KZV Kizimen, TURM Turmok, BZMR Bezymyannaya, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include KRSC 25:22:01.02, 0.0, 6.55, 17N, 160.52E, h4km, 4km, ML3.8, Kamohatika Peninsula

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

THR 25 22:55:29.9-0.9, 35.92N-53.36E, h14km, 6km, ML3.6
ISCJB 25 22:55:30.4-0.3, 36.00N-0.02-53.23E, 0.02, h10km,
mb3.0/3, Error ellipse: s-maj=3.2km s-min=2.6km az=41.7,

CSEM 25 22:55:31.4-0.2, 35.93N-53.21E, h2km, ML3.6, Error
ellipse: s-maj=4.8km s-min=4.3km az=40.0
TEH 25 22:55:31.9-0.3, 35.93N-53.18E, h5km, ML3.6
AZER 25 22:55:31.8-0.0, 35.91N-52.63E, h2km, Error ellipse:

s-maj=1.4km s-min=0.4km az=225.0
IDC 25 22:55:34.7-2.3, 36.43N-53.47E, h0km, mb3.1/5,
mb1.3/4/13, mb1mx3.3/52, mbtmp3.5/13, ML3.3/7, Error
ellipse: s-maj=59.5km s-min=15.8km az=175.0,

ISC 25 22:55:31.9-0.7, 35.95N-0.04-53.24E, 0.03, h10km, n117,
r152, 133, mb3.1/3, 15C-11D, Northern and central Iran

Main table of station data for the left column, including codes like IALA, IKIA, IFIR, etc., and station names like Alasht, Kiasar, Firoozkooch, etc.

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

IMEH Mehruz 4.68 82 ePn Pn 22 56 43.6 +0.8
IMEH Mehruz 4.68 166 ePn Pn 22 56 43.0 +0.1
IMEH Mehruz 4.75 306 ePn Pn 22 56 42.9 -0.8

IMOG Moghan 4.94 86 ePn Pn 22 56 46.9 +0.4
ISRO Mashad 5.05 84 ePn Pn 22 56 48.5 +0.6
ISRO Mashad 5.05 84 ePn Pn 22 56 48.5 +0.6

GLBA Ciliabad 5.07 312 P Pn 22 57 45.0 -1.4
GLBA Ciliabad 5.07 312 P Pn 22 57 47.1 -0.8

GLBA ALIB & Aumi-ii-Bayra 5.22 321 U P Pn 22 57 45.0 -1.4
ALIB & Aumi-ii-Bayra 5.22 321 P Pn 22 56 51.6 +1.6

IMYA Miami 5.56 84 ePn Pn 22 56 56.2 +1.3
IMYA Miami 22 56 56.5
IMYA Miami 5.56 84 ePn Pn 22 56 56.2 +1.3

IDHR Dehrah 5.74 259 ePn Pn 22 57 00.4 +0.3
IDHR Dehrah 5.95 319 U P Pn 22 57 00.8 +0.7

IDHR Dehrah 5.74 259 ePn Pn 22 57 00.4 +0.3
IDHR Dehrah 5.95 319 U P Pn 22 57 00.8 +0.7

ATGJ Altiaghaj 5.96 327 U P Pn 22 57 01.9 +1.6
ATGJ Altiaghaj 5.96 327 U P Pn 22 57 01.9 +1.6

PQL Pirkuli 6.06 324 U P Pn 22 57 02.3 +0.6
PQL Pirkuli 6.06 324 U P Pn 22 57 02.3 +0.6

PQL Pirkuli 6.06 324 U P Pn 22 57 02.3 +0.6
POL Siyzn 6.15 328 U P Pn 22 57 04.5 +1.6

SIZA Siyzn 6.15 328 U P Pn 22 57 04.5 +1.6
SIZA Siyzn 6.15 328 U P Pn 22 57 04.5 +1.6

SIZA Siyzn 6.15 328 U P Pn 22 57 04.5 +1.6
SIZA Siyzn 6.15 328 U P Pn 22 57 04.5 +1.6

IKAZ Kazeroun 6.26 191 ePn Pn 22 57 05.9 +1.2
IKAZ Kazeroun 6.26 191 ePn Pn 22 57 05.9 +1.2

IML Ismayilli 6.26 322 U P Pn 22 57 04.3 -0.8
IML Ismayilli 6.26 322 U P Pn 22 57 04.3 -0.8

BRDA Brd 6.44 314 U S Pn 22 58 21.6 +1.4
BRDA Brd 6.44 314 U S Pn 22 58 21.6 +1.4

QUBA Quba, Azerbaijan 6.56 327 U P Pn 22 57 10.4 +2.0
QUBA Quba, Azerbaijan 6.56 327 U P Pn 22 57 10.4 +2.0

QUBA Quba, Azerbaijan 6.56 327 U P Pn 22 57 10.4 +2.0
QUBA SEKA Sheki 7.07 320 U P Pn 22 58 22.6 -0.6

SEKA Sheki 7.07 320 U P Pn 22 58 22.6 -0.6
SEKA Sheki 7.07 320 U P Pn 22 57 15.5 0.0

SEKA Sheki 7.07 320 U P Pn 22 58 22.6 -0.6
SEKA Sheki 7.07 320 U P Pn 22 57 15.5 0.0

GANJ Ganja 7.18 313 U P Pn 22 58 37.8 -1.0
GANJ Ganja 7.18 313 U P Pn 22 57 16.3 -0.8

ZAKATA Zakatala 7.68 320 U P Pn 22 57 24.6 +0.7
ZAKATA Zakatala 7.68 320 U P Pn 22 57 24.6 +0.7

ZKTA Khatir 7.91 305 Pn Pn 22 58 49.8 -1.1
GNI Garni 7.91 305 Pn Pn 22 57 33.2 +6.1

KBZ Khabaz 11.11 318 Pn Pn 22 58 13.5 +2.6
ASF Jabal al Asfar 14.06 259 Pn Pn 22 59 00.6 +1.4

AKTO Aktyubinsk 14.89 12 Pn Pn 22 58 57.9 -4.5
AKTO Aktyubinsk 14.89 12 Pn Pn 22 58 57.9 -4.5

MMAI Mount Meron Ar 15.00 264 Pn Pn 22 59 13.2 +3.6
BRTR Keskin Array B 15.94 290 Pn Pn 22 59 22.0 +2.0

ARU Arti 20.80 8 Pn Pn 23 00 11.5 -1.7
BVAR Borovoye Array 20.91 30 Pn Pn 23 00 13.1 -1.3

AKASE Malin Array Be 22.73 318 Pn Pn 23 00 35.6 +1.8
KURBA Kurchatov Arra 23.38 43 Pn Pn 23 00 40.1 -0.5

MKANR Makanchi Array 24.21 54 Pn Pn 23 00 48.4 -0.3
ISCJB 25 22:58:59.1-0.4, 4.40S; 0.05; 35.82E; 0.07, h10km,

mb3.9/15, MS3.4/8, Error ellipse: s-maj=10.1km
s-min=7.0km az=22.4,

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

LSZ 5.4nm, 0.3s, baz=305, slow=21, SNR=12 Lg Lg 23 05 52.8
LSZ comp=Z, 98nm, 20.0s, baz=316, slow=38 Lg Lg 23 02 07.9 -1.1

LSZ Lusakka 13.21 214 ePn Pn 23 04 27.2 -8.9
MATP Matopo 17.50 204 P Pn 23 04 28.8

MATP 0.6nm, 0.3s, baz=122, slow=23, SNR=6.2 Lg Lg 23 08 08.5
MATP comp=Z, 81nm, 21.9s, baz=28, slow=38 Lg Lg 23 09 55.9

LBTB Lobatse 22.78 205 P Pn 23 04 03.1 -0.9
LBTB 8.9nm, 0.8s, baz=35, slow=19, SNR=11 Lg Lg 23 10 59.2

LBTB 10.0nm, 1.1s, baz=308, slow=19, SNR=4.0 Lg Lg 23 12 30.6
LBTB Lobatse 22.78 205 eP P 23 04 03.5 -0.5

TSUM Tsumeb 23.14 229 P Pn 23 04 09.6 +1.8
TSUM 3.5nm, 0.9s, baz=27, slow=6.8, SNR=3.1 Lg Lg 23 11 15.3

BOSA Boshof 26.14 202 P Pn 23 04 35.6 0.0
BOSA 3.8nm, 0.7s, baz=18, slow=8.1, SNR=8.5 Lg Lg 23 12 46.2

BOSA 4.6nm, 0.8s, baz=259, slow=21, SNR=3.5 Lg Lg 23 13 37.9
BOSA comp=Z, 59nm, 19.4s, baz=20, slow=34 Lg Lg 23 06 21.1 +0.4

TOAO Torod Ar. Sit 38.13 298 eP Pn 23 06 21.1 +0.4
TORD Torod Ar. Bea 38.13 298 P Pn 23 06 21.1 +0.4

TORD comp=Z, 57nm, 20.0s, baz=345, slow=36 Lg Lg 23 23 40.2
DBIC Dimboko 42.10 285 LR Lg 23 23 40.2

SHEL Horse Pasture 42.45 251 P Pn 23 06 54.3 -2.4
BRTR Keskin Array B 43.92 358 P Pn 23 07 09.7 +1.4

BRTR Keskin Array S 43.92 358 P Pn 23 07 09.7 +1.4
AKASG Malin Array Be 55.15 355 P Pn 23 08 34.1 +0.6

AKASG 2.0nm, 0.8s, baz=175, slow=6.3, SNR=7.5 P Pn 23 08 34.1 +0.6
AKAB Malin Array Si 55.15 355 eP P 23 08 34.1 +0.6

VRAC Vranov 50.02 345 P Pn 23 08 39.5 -0.4
GEC2 Geres Array B 56.41 343 eP P 23 08 44.0 +1.2

GERES Geres Array B 56.41 343 P Pn 23 08 44.0 +1.2
ESDC Sonsea Array 57.11 324 P Pn 23 08 49.3 +1.3

ESDC 1.4nm, 0.9s, baz=137, slow=6.7, SNR=5.9 P Pn 23 08 49.3 +1.3
MK32 Makanchi Array 65.34 33 eP Pn 23 09 42.7 -0.8

MKANR Makanchi Array 65.34 33 P Pn 23 09 42.7 -0.8
MKAR 0.7nm, 1.0s, baz=248, slow=6.4, SNR=4.2 LR Lg 23 40 48.1

MAR 2.23nm, 19.9s, baz=19, slow=38 Lg Lg 23 40 48.1
MAW Mawson 65.78 169 P Pn 23 09 46.0 +0.1

MAW 1.4nm, 0.6s, baz=317, slow=10.0, SNR=5.3 P Pn 23 09 46.0 +0.1
MAW Mawson 65.78 169 eP Pn 23 09 46.0 +0.1

KURBB Kurchatov Arra 65.88 28 P Pn 23 09 46.0 -0.1
KURB Kurchatov 65.88 28 eP Pn 23 09 46.8 -0.7

CM31 Chiang Mai Arr 66.13 68 eP Pn 23 09 49.3 +0.1
CMAR Chiang Mai Arr 66.13 68 P Pn 23 09 49.3 +0.1

CMAR 0.5nm, 0.4s, baz=256, slow=7.3, SNR=5.0 LR Lg 23 35 24.2
CMAR comp=Z, 6.8nm, 20.7s, baz=65, slow=33 LR Lg 23 35 24.2

NB20 NORSAR Array S 67.97 347 eP Pn 23 10 06.5 +0.5
NOA NORSAR Array B 67.97 347 P Pn 23 10 06.5 +0.5

SONA Songino Array 80.33 40 eP Pn 23 11 13.6 +0.9
SONAO Songino Array 80.33 40 P Pn 23 11 13.6 +0.9

KAPI Kappang 83.55 95 LR Lg 23 43 44.3
ASAR Alice Springs 95.61 114 LR Lg 23 49 59.1

ASAR comp=Z, 91nm, 21.2s, baz=135, slow=32 LR Lg 23 49 59.1
TX31 Lajitas Ar. Si 134.36 308 eP KPdf Pn 23 18 21.9 +1.6

WEL 25 23:05:57.5-0.1, 43.58S; 172.57E, h6km, ML3.5/13, 1C-4D,
Error ellipse: s-maj=0.8km s-min=0.5km az=90.0, South
Island

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

26d 1h

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like Las Animas, KSH, ARAD, CPD, etc.

ISCJB 26 00:23:58.5:0.7,37.6N:0.1:95.9E:0.2,h12km,mb3.5/7, Error ellipse: s-maj=22.6km s-min=11.7km az=143.0

IDC 26 00:23:59.1:0.7,37.64N:95.94E,h0km,mb3.6/7, mb1.3/1.1,mb1mx3.6/3.2,mbtmp3.6/1.1,ML3.5/4,MS2.8/1, Ms1.2/1.1,ms1mx2.4/3.0,Error ellipse: s-maj=32.3km s-min=18.8km az=44.0

ISC 26 00:24:00.5:0.9,37.7N:0.2:95.9E:0.2,h12km,n12, a127/11,mb3.7/7,Qinghai

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like Makanchi Array, TLY, KURBB, etc.

MEX 26 00:34:16.1:0.7,16.95N:98.90W,h27km,21km,MD3.6, Near coast of Guerrero

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

IDC 26 00:46:50.1:1.1,10.68N:141.94E,h0km,mb3.9/8, mb1.4/0.8,mb1mx3.8/2.4,mbtmp3.9/8,Error ellipse: s-maj=40.0km s-min=22.9km az=82.0

ISCJB 26 00:46:52.4:1.1,10.6N:0.1:142.1E:0.3,h33km,mb3.8/8, Error ellipse: s-maj=37.7km s-min=18.3km az=177.2

ISC 26 00:46:54.1:1.0,10.6N:0.2:142.2E:0.2,h35km,n9, -09/09,mb3.9/8,South of Mariana Islands

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

ISCJB 26 01:21:58.0:4.2,67N:0.04:122.57E:0.02,h15km,5km, Error ellipse: s-maj=6.5km s-min=2.7km az=6.8

TAP 26 01:21:59.1,24.66N:122.40E,h2km,ML3.1, D JMA 26 01:21:59.1,24.57N:122.50E,h31km,1km,M2.8

ISC 26 01:21:58.2:1.1,24.62N:0.04:122.54E:0.02,h15km,9km, a132.2/64/56, Taiwan region

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

2010 SEP

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like WU-fen Shan, Nioudou, TWA, etc.

ISCJB 26 01:35:55.0:1.1,37.27N:73.01E,h0km,mb3.7/12, mb1.3/1.1,mb1mx3.7/4.5,mbtmp3.7/1.1,ML3.4/5,Error ellipse: s-maj=22.4km s-min=16.0km az=156.0

ISCJB 26 01:35:57.0:0.7,37.12N:0.06:72.77E:0.07,h33km, mb3.6/12, Error ellipse: s-maj=9.3km s-min=6.9km az=36.6

NNC 01:36:01.8:0.5,37.28N:72.86E,h166km,58km,mb2.7, m9/3.7, Error ellipse: s-maj=50.1km s-min=20.8km az=152.0

ISC 26 01:35:59.0:1.0,37.08N:0.09:72.92E:0.07,h35km,n24, a203/30,mb3.6/12,6C-4D,Tajikistan

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like SMLT, TYC, TWF1, etc.

IDC 26 01:35:55.0:1.1,37.27N:73.01E,h0km,mb3.7/12, mb1.3/1.1,mb1mx3.7/4.5,mbtmp3.7/1.1,ML3.4/5,Error ellipse: s-maj=22.4km s-min=16.0km az=156.0

ISCJB 26 01:35:57.0:0.7,37.12N:0.06:72.77E:0.07,h33km, mb3.6/12, Error ellipse: s-maj=9.3km s-min=6.9km az=36.6

NNC 01:36:01.8:0.5,37.28N:72.86E,h166km,58km,mb2.7, m9/3.7, Error ellipse: s-maj=50.1km s-min=20.8km az=152.0

ISC 26 01:35:59.0:1.0,37.08N:0.09:72.92E:0.07,h35km,n24, a203/30,mb3.6/12,6C-4D,Tajikistan

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

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Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Includes stations like CRLZ, MOZ, Rata Peaks, etc.

DJA 26 01:43:52.0:1.3,1.5S:12.3E:1.3,h10km,M3.7/7, ML3.7/7,Minahassa Peninsula, Sulawesi

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

AUST 26 01:47:41.2:5.25S:149.09E,h100km, Error ellipse: s-maj=25.3km s-min=9.0km az=110.0

ISC 26 01:47:44.0:0.6,5.70S:0.09:149.78E:0.1,h147km,n27, a190/32,mb3.9/12,New Britain region

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

ISC 26 01:47:42.5:0.6,5.65S:0.07:149.6E:0.1,h147km, mb3.9/12, Error ellipse: s-maj=16.8km s-min=6.6km az=27.0

IDC 26 01:47:45.4:1.7,5.71S:149.51E,h153km,14km,mb3.7/12, mb1.3/1.1,mb1mx3.7/3.2,mbtmp4.3/1.4,Error ellipse: s-maj=25.3km s-min=9.0km az=110.0

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

DDA 26 01:58:10.3,39.77N:39.51E,h17km,MD3.1, ISK 26 01:58:10.4,39.80N:39.59E,h5km,MD3.1

ISCJB 26 01:58:11.0:0.5,39.81N:0.02:39.57E:0.03,h5km,4km, Error ellipse: s-maj=3.0km s-min=3.4km az=155.3

ISC 26 01:58:11.6:0.2,39.81N:39.58E,h2km,MD3.1, Error ellipse: s-maj=4.2km s-min=4.0km az=114.0

ISC 26 01:58:11.9:0.8,39.79N:0.02:39.53E:0.02,h13km,6km, n59,c149/79,Turkey

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

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations and their coordinates and operational details.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations and their coordinates and operational details.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations and their coordinates and operational details.

Table with columns: JCT, comp, pmax, pmax, and numerical values. Rows include locations like Junction City, Junction City, Junction City, etc.

Table with columns: TIC, KIC, Z30A, DBIC, DBIC, DBIC, DBIC, W37A, Y32A, PVMO, X34A, TSUM, W36A, Y31A, Z28A, X33A, PARMO, Y30A, X32A, W35A, V38A, CPRX, Y29A, V37A, W34A, X31A, V36A, Y28A, W33A, TUL1, TUL1, X30A, V35A, MSTX, MSTX, MSTX, W32A, U38A, X29A, U37A, USIN, V34A, W34A, WCI, WCI, W31A, U36A, X28A, V33A, 121A, AMTX, AMTX, AMTX, V32A, U35A, W29A, U34A, V31A, T37A, U33A, T36A, T35A, W28A, V30A, U32A, T34A, U31A, V29A, S37A, TUC, TUC, TUC, TUC, TUC, V28A, S36A, T33A, S35A, U27A, V20A, U29A, T32A, S34A, LAZ, LAZ, R37A

Table with columns: T31A, S33A, U28A, R36A, ANMO, ANMO, ANMO, ANMO, ANMO, ANMO, T30A, R35A, U27A, S32A, Q37A, R34A, T29A, R33A, Q36A, T28A, Q35A, S30A, T27A, S29A, R32A, Q34A, HDIL, HDIL, R31A, KSU1, S28A, T26A, P36A, R30A, Q33A, P35A, T25A, Q32A, W18A, P34A, S26A, CBKS, CBKS, CBKS, R29A, P33A, O36A, Q31A, GLA, GLA, GLA, R28A, Q30A, IBP, R27A, Q29A, O35A, P32A, SWSC, O34A, P31A, R26A, Y12C, O33A, MONP, SDCO, SDCO, P30A, WUAZ, WUAZ, WUAZ, WUAZ, BC3, N35A, O32A, 109C, KSCO, KSCO, P29A, N34A, O31A, S22A

Table with columns: Station Name, RA, Dec, Az, El, P, S, R, T, etc. Includes stations like YMR, C27A, B29A, HLID, etc.

Table with columns: Station Name, RA, Dec, Az, El, P, S, R, T, etc. Includes stations like ILAR, ELAR, ELAR, etc.

Table with columns: Station Name, RA, Dec, Az, El, P, S, R, T, etc. Includes stations like NVS, NVS, NVS, etc.

BUI 26 05:33:26.0, 5:27'N, 126:13'E, h148km, mb4.8/43, mb4.9/30
MOS 26 05:33:29.3, 1.0, 5:80N, 125:98E, h144km, m5.5/29, Error ellipse: s-maj=1.1km s-min=5.9km az=115.3
MAN 26 05:33:30, 5:66N, 125:99E, h149km, m5.5, ML4.5, MS4.8
IDC 26 05:33:30.8, 0.7, 5:72N, 125:91E, h143km, m5.5, mb4.5/29, mb1.4/6/30, mb1mx4.5/41, mbtmp4.9/30, MS3.3/3, Ms1.3/3, ms1mx3.0/23, Error ellipse: s-maj=13.0km s-min=7.9km az=83.0
KLM 26 05:33:30.8, 5:74N, 126:36E, h156km, mb5.5, MS5.9
ISCBJ 26 05:33:30.3, 0.3, 5:76N, 0:02E, h155km, 2km, mb5.0/15, Error ellipse: s-maj=3.9km s-min=2.5km
DJA 26 05:33:31.3, 0.5, 6:14N, 12:16E, h151km, 4km, M5.1/98, mb5.4/98, mb5.4/34, mb5.6/34, mb5.6/68, MLv5.9/10, Mw(mb)5.1/68, Mw(mb)5.1/34
NEIC 26 05:33:31.2, 0.2, 5:75N, 126:03E, mb5.3/30, Error ellipse: s-maj=5.1km s-min=3.7km az=79.0
NEIC Felt at Davao.
AUST 26 05:33:31.7, 0.8, 5:75N, 126:13E, h158km, 6km, Error ellipse: s-maj=6.2km s-min=4.1km az=49.0
GCMT 26 05:33:32.1, 2.0, 3:57N, 126:35E, h124km, 4km, MW5.0/69, Moment Tensor Solution: s19, z22, s69, c87, Duration: 0.10s Moment tensor: Scale 101NMs; Mr1: 42.1; Ms: 1.21; 18; Mw: 2.63; 22; Mw: 0.81; 10; Mw: 1.83; 19; Ms: 1.87; 13; Best double couple: Ms: 3.57000; 10; NP1: 0.346, 0.00000; 6.74, 0.00000; 0.45, 0.00000; NP2: 0.241, 0.00000; 8.47, 0.00000; 1.58, 0.00000. Principal axes: T 3.2860, Plg42.0000, Azm213.0000, N 0.5020, Plg43.0000, Azm2.0000; P -3.7880, Plg16.0000, Azm108.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.
ISC 26 05:33:31.1, 0.3, 5:76N, 0:03E, 126:06E, 0.04, h146km, 2km, h146km, p-P, N458, c1921/530, mb4.9/126, 23C-26D, Hlandano

SGSI	Sangihe	2.12 194	P	Pn	05 34 07.0 -0.4	NGJI	Ngawi	19.55 228	P	Pn	05 37 50.5 +0.1	SISI	Saibi	27.83 256	P	P	05 39 06.3 -0.8
CTBH	Cotabato-PC H	2.31 309	IP	Pn	05 34 09.8 +0.1	PWJI	Pagerwojo	19.73 226	P	P	05 37 50.8 +1.2	UTHA	Uthaitani	27.87 293	P	P	05 39 08.2 +0.8
BUKP	Musuan	2.33 335	eP	Pn	05 34 10.9 +0.9	SMRI	Smaring	20.11 231	P	P	05 37 55.2 +1.4	RABL	Rabaul	27.88 110	P	P	05 39 08.7 +1.2
CGP	Cagayan de Oro	3.00 333	eP	Pn	05 34 18.6 +0.2	SMRI	Samarang	20.11 231	P	Pn	05 37 55.6 -1.5	KCSI	Kotacane, Aceh	28.28 267	P	P	05 39 09.7 -1.4
BUTP	Buatan	3.22 352	eP	Pn	05 34 53.6 -1.3	SMRI	Samarang	20.11 231	eP	P	05 37 54.3 +0.5	UMPA	Umpang Tak	28.61 293	P	P	05 39 14.6 +0.6
PAGZ	Pagadian	3.37 308	eP	Pn	05 34 23.7 +0.6	TPI	Tanjungpandan	20.23 246	P	P	05 37 55.5 +0.5	SGI	Gunungsitoli	28.76 262	P	P	05 39 12.5 -2.9
DCPH	Dipolog City	3.88 316	eP	Pn	05 34 33.2 +3.4	WUJI	Wongiri, Jawa	20.25 228	P	P	05 37 53.2 -2.0	GSI	Gunungsitoli	28.76 262	P	P	05 39 14.1 -1.2
IPIL	Ipil	4.01 300	eP	Pn	05 34 31.8 +0.4	PCJI	Pacitan	20.30 227	P	P	05 37 56.2 +0.4	GSI	Gunungsitoli	28.76 262	eP	P	05 39 14.0 -1.4
SCPH	Surigao	4.04 352	eP	Pn	05 35 27.0 +8.8	QIZ	Qiongzong	20.58 311	P	eP	05 37 59.0 +0.3	GSI	Gunungsitoli	28.76 262	eP	P	05 39 12.5 +0.9
ZMHP	Zamboanga City	4.14 287	IP	Pn	05 34 32.0 +0.2	QIZ	Qiongzong	20.58 311	eP	S	05 38 42.0 -1.0	CRAI	Chiangrai	28.80 302	P	P	05 39 21.9 -4.1
ZMHP	Zamboanga City	4.14 287	IP	Pn	05 34 32.0 +0.2	QIZ	Qiongzong	20.58 311	eP	S	05 41 39.3 -1.8	CM10	Chiang Mai Arr	29.24 298	P	P	05 39 19.9 +0.3
MSLP	Maasin	4.51 345	eP	Pn	05 34 36.8 -1.2	UGM	Ungaran	20.60 229	P	P	05 42 25.0 +0.6	CM01	Chiang Mai Arr	29.28 298	eP	P	05 39 20.5 +0.3
SNPH	Siibulan	4.53 322	eP	Pn	05 34 40.1 +1.8	UGM	Ungaran	20.60 229	P	P	05 42 25.0 +0.6	CMAR	Chiang Mai Arr	29.30 298	P	P	05 39 20.4 +0.2
TNTI	Ternate	5.12 165	eP	Pn	05 34 44.5 -1.6	UGM	Ungaran	20.60 229	P	P	05 42 25.0 +0.6	CMAR	Chiang Mai Arr	29.31 298	P	P	05 39 20.4 +0.2
TNTI	Ternate	5.12 165	eP	Pn	05 34 44.5 -1.6	UGM	Ungaran	20.60 229	P	P	05 42 25.0 +0.6	CMAR	Chiang Mai Arr	29.31 298	P	P	05 39 20.4 +0.2
TNTI	Ternate	5.12 165	eP	Pn	05 34 44.5 -1.6	UGM	Ungaran	20.60 229	P	P	05 42 25.0 +0.6	CMAR	Chiang Mai Arr	29.31 298	P	P	05 39 20.4 +0.2
PLP	Palo	5.48 349	eP	Pn	05 34 46.6 -1.4	UGM	Ungaran	20.60 229	P	P	05 42 25.0 +0.6	CMAR	Chiang Mai Arr	29.31 298	P	P	05 39 20.4 +0.2
KMSI	Cibinong	5.55 202	P	Pn	05 35 37.7 -6.8	UGM	Ungaran	20.60 229	P	P	05 42 25.0 +0.6	CMAR	Chiang Mai Arr	29.31 298	P	P	05 39 20.4 +0.2
GTOI	Gorontalo	5.92 211	P	Pn	05 34 52.7 +0.8	UGM	Ungaran	20.60 229	P	P	05 42 25.0 +0.6	CMAR	Chiang Mai Arr	29.31 298	P	P	05 39 20.4 +0.2
GUIM	Jordan	5.93 325	eP	Pn	05 34 56.7 -0.1	UGM	Ungaran	20.60 229	P	P	05 42 25.0 +0.6	CMAR	Chiang Mai Arr	29.31 298	P	P	05 39 20.4 +0.2
LBMI	Labuha	5.61 167	P	Pn	05 34 59.8 +2.9	UGM	Ungaran	20.60 229	P	P	05 42 25.0 +0.6	CMAR	Chiang Mai Arr	29.31 298	P	P	05 39 20.4 +0.2
RCP	Roxas	6.63 313	eP	Pn	05 35 03.3 +2.1	UGM	Ungaran	20.60 229	P	P	05 42 25.0 +0.6	CMAR	Chiang Mai Arr	29.31 298	P	P	05 39 20.4 +0.2
MRSI	Marisa	6.66 218	P	Pn	05 35 07.4 +0.8	UGM	Ungaran	20.60 229	P	P	05 42 25.0 +0.6	CMAR	Chiang Mai Arr	29.31 298	P	P	05 39 20.4 +0.2
LWUI	Luwuk	7.51 206	P	Pn	05 35 19.7 +1.7	UGM	Ungaran	20.60 229	P	P	05 42 25.0 +0.6	CMAR	Chiang Mai Arr	29.31 298	P	P	05 39 20.4 +0.2
LWUI	Luwuk	7.51 206	P	Pn	05 35 19.7 +1.7	UGM	Ungaran	20.60 229	P	P	05 42 25.0 +0.6	CMAR	Chiang Mai Arr	29.31 298	P	P	05 39 20.4 +0.2
LWUI	Luwuk	7.51 206	eP	Pn	05 35 17.7 -0.3	UGM	Ungaran	20.60 229	P	P	05 42 25.0 +0.6	CMAR	Chiang Mai Arr	29.31 298	P	P	05 39 20.4 +0.2
MYLDM	Lahad Datu	7.54 266	IP	Pn	05 35 44.2 +2.4	UGM	Ungaran	20.60 229	P	P	05 42 25.0 +0.6	CMAR	Chiang Mai Arr	29.31 298	P	P	05 39 20.4 +0.2
MYLDM	Lahad Datu	7.54 266	eP	Pn	05 35 22.7 +3.7	UGM	Ungaran	20.60 229	P	P	05 42 25.0 +0.6	CMAR	Chiang Mai Arr	29.31 298	P	P	05 39 20.4 +0.2
SANI	Sanana	7.75 181	P	Pn	05 35 21.6 +3.1	UGM	Ungaran	20.60 229	P	P	05 42 25.0 +0.6	CMAR	Chiang Mai Arr	29.31 298	P	P	05 39 20.4 +0.2
APSI	Ampana	7.95 214	P	Pn	05 35 17.9 -3.4	UGM	Ungaran	20.60 229	P	P	05 42 25.0 +0.6	CMAR	Chiang Mai Arr	29.31 298	P	P	05 39 20.4 +0.2
MPSI	Mapaga	8.17 229	P	Pn	05 35 25.6 +1.7	UGM	Ungaran	20.60 229	P	P	05 42 25.0 +0.6	CMAR	Chiang Mai Arr	29.31 298	P	P	05 39 20.4 +0.2
TSM	Tawau	8.28 260	IP	Pn	05 35 28.8 +2.0	UGM	Ungaran	20.60 229	P	P	05 42 25.0 +0.6	CMAR	Chiang Mai Arr	29.31 298	P	P	05 39 20.4 +0.2
SWI	Sorong	8.38 142	P	Pn	05 35 31.2 +2.9	UGM	Ungaran	20.60 229	P	P	05 42 25.0 +0.6	CMAR	Chiang Mai Arr	29.31 298	P	P	05 39 20.4 +0.2
SWI	Sorong	8.38 142	P	Pn	05 35 28.1 -1.5	UGM	Ungaran	20.60 229	P	P	05 42 25.0 +0.6	CMAR	Chiang Mai Arr	29.31 298	P	P	05 39 20.4 +0.2
PALU	Palau	8.51 79	P	Pn	05 35 28.2 -1.5	UGM	Ungaran	20.60 229	P	P	05 42 25.0 +0.6	CMAR	Chiang Mai Arr	29.31 298	P	P	05 39 20.4 +0.2
NLAI	Namlea	8.99 173	P	Pn	05 35 29.7 -1.7	UGM	Ungaran	20.60 229	P	P	05 42 25.0 +0.6	CMAR	Chiang Mai Arr	29.31 298	P	P	05 39 20.4 +0.2
PCI	Palu	9.07 273	P	Pn	05 35 34.9 +3.8	UGM	Ungaran	20.60 229	P	P	05 42 25.0 +0.6	CMAR	Chiang Mai Arr	29.31 298	P	P	05 39 20.4 +0.2
KDM	Kudat	9.24 228	IP	Pn	05 35 41.2 +2.3	UGM	Ungaran	20.60 229	P	P	05 42 25.0 +0.6	CMAR	Chiang Mai Arr	29.31 298	P	P	05 39 20.4 +0.2
MSAI	Masohi	9.48 162	P	Pn	05 35 44.9 +3.8	UGM	Ungaran	20.60 229	P	P	05 42 25.0 +0.6	CMAR	Chiang Mai Arr	29.31 298	P	P	05 39 20.4 +0.2
KKM	Kota Kinabalu	9.79 272	P	Pn	05 35 45.3 +0.9	UGM	Ungaran	20.60 229	P	P	05 42 25.0 +0.6	CMAR	Chiang Mai Arr	29.31 298	P	P	05 39 20.4 +0.2
KKM	Kota Kinabalu	9.79 272	eP	Pn	05 35 51.8 +3.2	UGM	Ungaran	20.60 229	P	P	05 42 25.0 +0.6	CMAR	Chiang Mai Arr	29.31 298	P	P	05 39 20.4 +0.2
KKM	Kota Kinabalu	9.79 272	eP	Pn	05 35 51.3 +2.7	UGM	Ungaran	20.60 229	P	P	05 42 25.0 +0.6	CMAR	Chiang Mai Arr	29.31 298	P	P	05 39 20.4 +0.2
KDI	Kendari	10.24 200	P	Pn	05 35 50.6 +2.0	UGM	Ungaran	20.60 229	P	P	05 42 25.0 +0.6	CMAR	Chiang Mai Arr	29.31 298	P	P	05 39 20.4 +0.2
FAKI	Fak Fak	10.61 144	P	Pn	05 35 51.3 -3.1	UGM	Ungaran	20.60 229	P	P	05 42 25.0 +0.6	CMAR	Chiang Mai Arr	29.31 298	P	P	05 39 20.4 +0.2
FAKI	Fak Fak	10.61 144	P	Pn	05 35 58.4 -0.9	UGM	Ungaran	20.60 229	P	P	05 42 25.0 +0.6	CMAR	Chiang Mai Arr	29.31 298	P	P	05 39 20.4 +0.2
FAKI	Fak Fak	10.61 144	P	Pn	05 35 58.4 -0.9	UGM	Ungaran	20.60 229	P	P	05 42 25.0 +0.6	CMAR	Chiang Mai Arr	29.31 298	P	P	05 39 20.4 +0.2
FAKI	Fak Fak	10.61 144	eP	Pn	05 35 58.4 -0.9	UGM	Ungaran	20.60 229	P	P	05 42 25.0 +0.6	CMAR	Chiang Mai Arr	29.31 298	P	P	05 39 20.4 +0.2
TTSI	Tana Toraja	10.73 216	P	Pn	05 35 58.1 -1.2	UGM	Ungaran	20.60 229	P	P	05 42 25.0 +0.6	CMAR	Chiang Mai Arr	29.31 298	P	P	05 39 20.4 +0.2
BKB	Balikpapan	11.50 233	P	Pn	05 36 02.9 +1.9	UGM	Ungaran	20.60 229	P	P	05 42 25.0 +0.6	CMAR	Chiang Mai Arr	29.31 298	P	P	05 39 20.4 +0.2
SPSI	Sidrap	11.52 213	P	Pn	05 36 14.9 +3.8	UGM	Ungaran	20.60 229	P	P	05 42 25.0 +0.6	CMAR	Chiang Mai Arr	29.31 298	P	P	05 39 20.4 +0.2
BBSI	Bau Bau	11.70 197	P	Pn	05 36 11.7 +0.4	UGM	Ungaran	20.60 229	P	P	05 42 25.0 +0.6	CMAR	Chiang Mai Arr	29.31 298	P	P	05 39 20.4 +0.2
KAPI	Kappang	12.41 211	P	Pn	05 36 09.9 -3.8	UGM	Ungaran	20.60 229	P	P	05 42 25.0 +0.6	CMAR	Chiang Mai Arr	29.31 298	P	P	05 39 20.4 +0.2
KAPI	Kappang	12.41 211	P	Pn	05 36 22.8 -0.1	UGM	Ungaran	20.60 229	P	P	05 42 25.0 +0.6	CMAR	Chiang Mai Arr	29.31 298	P	P	05 39 20.4 +0.2
KAPI	Kappang	12.41 211	P	Pn	05 36 22.8 -0.1	UGM	Ungaran	20.60 229	P	P	05 42 25.0 +0.6	CMAR	Chiang Mai Arr	29.31 298	P	P	05 39 20.4 +0.2
KAPI	Kappang	12.41 211	P	Pn	05 36 22.8 -0.1	UGM	Ungaran	20.60 229	P	P	05 42 25.0 +0.6	CMAR	Chiang Mai Arr	29.31 298	P	P	05 39 20.4 +0.2
BKSI	Bulukumba	12.41 211	P	Pn	05 36 38.2 -2.0	UGM	Ungaran	20.60 229	P	P	05 42 25.0 +0.6	CMAR	Chiang Mai Arr	29.31 298	P	P	05 39 20.4 +0.2
BKSI	Bulukumba	12.41 211	P	Pn	05 36 22.8 -0.1	UGM	Ungaran	20.60 229	P	P	05 42 25.0 +0.6	CMAR	Chiang Mai Arr	29.31 298	P	P	05 39 20.4 +0.2
BSSI	Bau Bau	13.06 205	P	Pn	05 36 22.8 -0.1	UGM	Ungaran	20.60 229	P	P	05 42 25.0 +0.6	CMAR	Chiang Mai Arr	29.31 298	P	P	05 39 20.4 +0.2
BSSI	Bau Bau	13.06 205	P	Pn	05 36 23.2 +0.3	UGM	Ungaran	20.60 229	P	P	05 42 25.0 +0.6	CMAR	Chiang Mai Arr	29.31 298	P	P	05 39 20.4 +0.2
BTM	Butulu	13.18 259	IP	P	05 36 23.2 +0.3	UGM	Ungaran	20.60 229	P	P	05 42 25.0 +0.6	CMAR	Chiang Mai Arr	29.31 298	P	P	05 39 20.4 +0.2
KBKI	Kotabaru	13.36 228	P	Pn	05 36 23.2 +0.3	UGM	Ungaran	20.60 229	P	P	05 42 25.0 +0.6	CMAR	Chiang Mai Arr	29.31 298	P	P	05 39 20.4 +0.2
SBUM	Sibu	14.19 257	IP	P	05 36 29.5 -1.8	UGM	Ungaran	20.60 229	P	P	05 42 25.0 +0.6	CMAR	Chiang Mai Arr	29.31 298	P	P	05 39 20.4 +0.2
SBUM	Sibu	14.19 257	eP	Pn	05 36 39.3 -3.8	UGM	Ungaran	20.60 229	P	P	05 42 25.0 +0.6	CMAR	Chiang Mai Arr	29.31 298	P	P	05 39 20.4 +0.2
BBKI	Banjar Baru	14.47 231	P	Pn	05 36 48.6 -0.1	UGM	Ungaran	20.60 229	P	P	05 42 25.0 +0.6	CMAR	Chiang Mai Arr	29.31 298	P	P	05 39 20.4 +0.2
MMRI	Maumere	14.79 195	P	Pn	05 36 47.1 +1.4	UGM	Ungaran	20.60 229	P	P	05 42 25.0 +0.6	CMAR	Chiang Mai Arr	29.31 298	P	P	05 39 20.4 +0.2
MMRI	Maumere	14.79 195	P	Pn	05 36 51.0 -0.8	UGM	Ungaran	20.60 229	P	P	05 42 25.0 +0.6	CMAR	Chiang Mai Arr	29.31 298	P	P	05 39 20.4 +0.2
SMPI	Sarmi	14.79 121	P	Pn	05 36 51.8 -1.5	UGM	Ungaran	20.60 229	P	P	05 42 25.0 +0.6	CMAR	Chiang Mai Arr	29.31 298	P	P	05 39 20.4 +0.2
EDFI	Ende, Flores	15.05 197	P	Pn	05 36 52.5 -0.8	UGM	Ungaran	20.60 229	P	P	05 42 2						

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like J-C Ranch, San Angelo, Smith Ranch, Sonora, Millersview, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ISCJZ, Error ellipse, ECX, Fault plane solution, MEX, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like TRQA, Torzquist, PLCA, SAML, BDFB, BDFB, PTGA, etc.

NEIC 26 05:46:55.2, 60.27N; 139.58W, h1km, ML2.6(AEIC), ML2.7(OTT) After AEIC.

ISCJZ 26 06:18:04.0, 1.0, 31.26N; 0.03, 115.67W, 0.03, h5km, 5km, Error ellipse: s-maj=6.2km s-min=4.4km az=31.0

TRQA 26 06:20:02.0, 0.2, 24.23S; 70.37W, mb4.7/30, ML4.7(GUC), Error ellipse: s-maj=8.2km s-min=5.3km az=80.0

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

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NEIC 26 06:20:02.0, 0.2, 24.23S; 70.37W, mb4.7/30, ML4.7(GUC), etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like PB10, IPOC Station P, PB10, IPOC Station P, etc.

IDC 26 06:09:35.8, 3.1, 3.15S; 126.91E, h0km, mb3.1/2, mb1.3/2/3, mb1mx3.2/27, mbtmp3.1/3, ML3.1/1, Error ellipse: s-maj=39.1, 0km s-min=29.7km az=65.0, uru

ISCJZ 26 06:18:04.0, 1.0, 31.26N; 0.03, 115.67W, 0.03, h7km, 11km, n22, 0980/39, 3C-6D, Baja California

TRQA 26 06:20:02.0, 0.2, 24.23S; 70.37W, mb4.7/30, ML4.7(GUC), Error ellipse: s-maj=8.2km s-min=5.3km az=80.0

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

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like U73B, Hualae0, U73B, SIV, etc.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like Q31A, Ellis, T26A, Comanche Natio, etc.

Table with columns: ICAO, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Rows include stations like Ficken Ranch, Mesa Verde, Wupatki, etc.

Table with columns: ICAO, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Rows include stations like ASAR Alice Springs, ASAR Alice Springs, WRA Warramunga Arr, etc.

ADC 26 06:20:06.7-0.7, 24.33S:70.68W, h0km, mb4.3/7, mb1 4.4/11, mb1mx4.2/27, mbtmp4.3/11, ML4.1/4, Error ellipse: s-maj=21.2km s-min=16.8km az=97.0

ISC 26 06:20:10.0-0.6, 24.32S:70.66W, h0.09, h39km, mb4.2/7, Error ellipse: s-maj=12.4km s-min=6.5km az=178.7

ISC 26 06:20:12.3-0.6, 24.32S:70.63W, h0.09, h39km, n43, s104/44, mb4.3/7, 1D, Near coast of northern Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Rows include stations like LVC Limon Verde, CFAA Coronel Fontan, CFAA Coronel Fontan, etc.

KRNET 26 06:37:44.7-0.1, 40.91N:74.91E, h11km, mb4.5

ISCJB 26 06:37:45.7-0.9, 40.85N:74.94E, h0.03, h3km, 6km, mb3.8/10, MS3.3/2, Error ellipse: s-maj=4.2km s-min=3.1km az=7.0

ADC 26 06:37:45.7-1.0, 40.86N:74.82E, h0km, mb3.9/10, mb1 4.0/15, mb1mx3.8/52, mbtmp3.8/15, ML3.2/5, MS3.2/3, Ms1 3.2/3, ms1mx2.8/42, Error ellipse: s-maj=19.2km s-min=11.7km az=98.0

BUI 26 06:37:45.9, 40.95N:74.74E, h7km, mb4.2/2, mbA.1/1, ML4.1/7, Ms3.8/4, Ms7 3.7/2

NINC 26 06:37:46.0-0.2, 40.79N:74.98E, h0km, mb4.6, mpv4.3, Error ellipse: s-maj=2.6km s-min=1.0km az=124.0

MOS 26 06:37:49.0-1.4, 40.85N:74.78E, h27km, mb4.1/9, Error ellipse: s-maj=11.1km s-min=6.8km az=94.0

NEIC 26 06:37:51.3-0.6, 40.96N:74.86E, h35km, mb4.0/1, Error ellipse: s-maj=9.5km s-min=8.5km az=48.0

ISC 26 06:37:48.4-0.6, 40.94N:0.02:74.77E, h0.02, h15km, 3km, n120, s180/143, mb3.9/10, 33C-28D, Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Rows include stations like ARLS Aral, NRN Naryn, NRN Naryn, etc.

Table with columns: ICAO, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Rows include stations like SFK Sufi-Kurgan, SFK Sufi-Kurgan, SFK Sufi-Kurgan, etc.

732A	Laxson Ranch, baz=19	18.79 326	P	P	08 07 54.1 +0.3
VBMS	Vicksburg	18.85 354	P	Pn	08 07 57.4 +0.8
633A	Saathoff Ranch baz=19, SNR=11	18.96 329	P	P	08 07 55.8 +0.2
338A	Crockett baz=19, SNR=5.5	19.04 341	P	Pn	08 07 58.0 -0.9
534A	Blanco baz=19, SNR=8.9	19.09 332	P	P	08 07 57.1 0.0
632A	Uvalde baz=20	19.31 328	P	P	08 07 59.7 +0.3
435B	Jarrell baz=20	19.35 335	P	Pn	08 08 00.5 -2.0
533A	Kerrville baz=20, SNR=27	19.39 330	P	P	08 08 00.6 +0.2
239A	Gary baz=20	19.41 344	P	Pn	08 08 01.8 -1.3
238A	Jacksonville baz=20	19.58 342	P	Pn	08 08 03.6 -1.6
336A	Riesel baz=20	19.59 337	P	Pn	08 08 04.0 -1.3
631A	Perdido Creek baz=20, SNR=6.6	19.65 326	P	P	08 08 02.9 -0.2
434A	Burnet baz=20, SNR=7.9	19.67 333	P	P	08 08 03.8 +0.5
532A	Rocksprings baz=20, SNR=11	19.87 329	P	P	08 08 05.8 +0.3
433A	Art baz=20, SNR=6.2	19.99 331	P	P	08 08 07.4 +0.6
139A	Bunkhouse Ranch baz=20	20.01 344	P	Pn	08 08 09.3 -1.0
236A	Katherine and baz=20	20.03 339	P	Pn	08 08 08.7 -1.9
JCT	Junction City baz=20, SNR=6.4	20.10 330	P	P	08 08 08.5 +0.5
JCT	Junction City 7.6nm, 0.7s	20.10 330	eP	P	08 08 08.0 0.0
138A	Matattal Enter baz=20	20.18 343	P	Pn	08 08 10.7 -1.6
531A	Rocksprings baz=20	20.23 327	P	P	08 08 10.1 +0.7
GOGA	Godfrey 18nm, 0.6s	20.36 11	eP	Pn	08 08 12.0 -2.5
WHXT	Lake Whitney baz=21	20.37 337	P	P	08 08 10.0 -0.8
333A	Richland Sprin baz=21, SNR=8.1	20.42 333	P	P	08 08 10.8 -0.6
432A	Menard baz=21, SNR=6.0	20.42 330	P	P	08 08 10.8 -0.7
136A	Ennis baz=21, SNR=7.3	20.46 339	P	Pn	08 08 13.6 -2.1
530A	J-C Ranch, Com baz=21	20.64 326	P	P	08 08 13.9 +0.1
234A	Clairette baz=21	20.65 335	P	P	08 08 14.2 +0.5
431A	Sonora baz=21, SNR=19	20.67 328	P	P	08 08 15.1 +1.0
332A	Millersview baz=21, SNR=18	20.82 331	P	Pn	08 08 17.2 -2.8
Z37A	Pogue Cattle C baz=21	20.84 342	P	Pn	08 08 17.4 -2.8
233A	Rising Star baz=21	20.98 334	P	P	08 08 17.3 0.0
OXF	Oxford 16nm, 0.5s	21.04 357	eP	P	08 08 18.2 +0.3
430A	Baggett Ranch, baz=21	21.08 327	P	P	08 08 17.9 -0.6
331A	San Angelo baz=21, SNR=17	21.09 330	P	P	08 08 17.9 -0.6
529A	Stev Forest Ra baz=21	21.11 324	P	P	08 08 19.2 +0.4
134A	White-Moore Ra baz=21	21.12 336	P	P	08 08 20.0 +1.1
Y39A	Lockesburg baz=21, SNR=6.4	21.14 346	P	P	08 08 20.4 +1.4
Z36A	Blue Ridge baz=21	21.16 340	P	P	08 08 18.5 -0.7
232A	Coleman baz=21, SNR=14	21.20 332	P	P	08 08 21.2 +1.5
Y38A	Idabel baz=22	21.28 345	P	P	08 08 22.0 +1.4
429A	Davenport Ranch baz=22, SNR=12	21.31 326	P	P	08 08 21.8 +0.9
TXAR	Lajitas Array 5.6nm, 0.6s, baz=139, slow=10, SNR=90	21.40 320	P	ScP	08 08 21.8 -0.1
TXAR	ScP				08 15 42.9 +0.1
133A	Hamilton Ranch baz=22	21.49 335	P	P	08 08 23.7 +0.9
Z35A	Perchaven, San baz=22, SNR=6.4	21.49 339	P	P	08 08 23.6 +0.7
330A	Mertzton baz=22	21.54 328	P	P	08 08 23.6 +0.2
231A	Gronte baz=22	21.55 331	P	P	08 08 23.6 +0.2
Y37A	Hugo baz=22	21.57 343	P	P	08 08 24.3 +0.7
UALR	University of 11nm, 0.6s	21.61 351	eP	P	08 08 24.8 +0.8
MIAR	Mount Ida baz=22, SNR=21	21.61 348	eP	P	08 08 24.9 +0.9
MIAR	Mount Ida 10nm, 0.8s	21.61 348	eP	P	08 08 24.9 +0.9
SJG	San Juan 8.1nm, 0.5s, baz=261, slow=3.5, SNR=4.5	21.69 75	P	P	08 08 26.2 +1.2
Y36A	Durant baz=22	21.69 341	P	P	08 08 25.6 +0.6
Z34A	Collier Ranch, baz=22	21.77 338	P	P	08 08 26.8 +1.0
SWET	Sewane 3.6nm, 0.8s	21.80 5	eP	P	08 08 25.9 -0.2
ABTX	Ablene, Hawle baz=22	21.82 333	P	P	08 08 25.6 -0.7
ABTX	Ablene, Hawle 4.3nm, 0.6s	21.82 333	eP	P	08 08 25.6 -0.7
230A	Sterling City baz=22, SNR=7.8	21.90 329	P	P	08 08 25.9 -1.2
Y35A	Marietta baz=22, SNR=21	21.94 340	P	P	08 08 28.7 +1.2
X38A	Whitesboro baz=22, SNR=8.7	22.01 345	P	P	08 08 28.7 +0.5
Z33A	Whitaker Ranch baz=22	22.02 336	P	P	08 08 27.8 -0.6
329A	Wagon Wheel Ra baz=22, SNR=19	22.02 327	P	P	08 08 28.9 +0.4
X37A	Clayton baz=22	22.07 344	P	P	08 08 30.0 +1.2
HBAR	Harrisburg 22.16 355	eP	P	P	08 08 30.4 +0.7
CPCT	Cooper Cave 22.19 8	eP	P	P	08 08 31.2 +1.2
CPCT	22.19 8	eP	P	P	08 08 49.5 -7.6
131A	Roby baz=22	22.20 332	P	P	08 08 29.3 -0.9
Y34A	Reagan Ranch, baz=22	22.24 339	P	P	08 08 30.2 -0.2
229A	Bryant Ranch, baz=22	22.31 328	P	P	08 08 30.5 -0.8
W38A	Poteau baz=23, SNR=9.6	22.32 346	P	P	08 08 31.3 +0.1
Z32A	Haskell baz=23, SNR=15	22.33 334	P	P	08 08 30.8 -0.6
X36A	Centrahoma baz=23, SNR=16	22.34 342	P	P	08 08 31.6 +0.2
X35A	Drake baz=23, SNR=16	22.37 341	P	P	08 08 31.7 -0.1
130A	Snyder baz=23, SNR=9.6	22.40 331	P	P	08 08 31.6 -0.5
KMSC	Kings Mountain baz=23, SNR=13	22.50 15	P	P	08 08 34.6 +1.6
KMSC	Kings Mountain 14nm, 0.7s	22.50 15	eP	P	08 08 35.1 +2.1
TKL	Tuckaleechee C 22.50 9	P	P	P	08 08 34.2 +1.2
ATAH	Atahupa 22.50 154	P	P	P	08 08 37.1 +2.6
W37A	Quinton baz=23	22.61 344	P	P	08 08 34.5 +0.5
Z31A	Sharp Cattle R baz=23	22.63 343	P	P	08 08 33.7 -0.6
W36A	Wetumka baz=23	22.83 343	P	P	08 08 36.4 +0.4
228A	UT Block 9, Go baz=23, SNR=7.4	22.84 327	P	P	08 08 36.2 -0.1
X34A	Smith Ranch, M baz=23, SNR=11	22.84 339	P	P	08 08 37.1 +0.8
STVI	Saint Thomas 39nm, 0.6s	22.85 75	eP	P	08 08 37.4 +1.1
129A	Stewart Farms, baz=23	22.87 329	P	P	08 08 36.4 -0.2

Y32A	R-V Farms, Ver baz=23	22.92 335	P	P	08 08 37.0 +0.1
X33A	Lawton baz=23, SNR=11	23.03 338	P	P	08 08 38.4 +0.5
W35A	Tecumseh baz=23, SNR=6.1	23.04 342	P	P	08 08 35.5 +0.6
Z30A	Sanderson Ranc baz=23, SNR=8.9	23.05 331	P	P	08 08 38.3 +0.1
V38A	Canehill baz=23, SNR=11	23.05 347	P	P	08 08 38.9 +0.8
128A	Castleberry Fa baz=23, SNR=11	23.18 328	P	P	08 08 39.2 -0.3
X32A	Elmer baz=23	23.22 336	P	P	08 08 40.2 +0.5
Y31A	Rekieta Farm, baz=23	23.23 334	P	P	08 08 40.0 +0.2
V37A	Hulbert baz=23, SNR=9.0	23.24 346	P	P	08 08 40.3 +0.5
PCRV	Puerto La Cruz 7.8nm, 0.6s, baz=277, slow=4.9, SNR=12	23.25 95	P	P	08 08 40.9 +0.8
Z29A	Hungry Hill Ra baz=24, SNR=18	23.30 330	P	P	08 08 40.7 +0.2
V36A	Jenks baz=24	23.36 344	P	P	08 08 41.4 +0.5
W34A	Bridge Creek, baz=24, SNR=9.3	23.40 340	P	P	08 08 42.1 +0.7
W34A	Bridge Creek, 45nm, 0.6s	23.40 340	eP	P	08 08 41.9 +0.5
TZTN	Tazewell 15nm, 0.8s	23.41 9	eP	P	08 08 42.3 +0.9
TUL1	Tulsa baz=24, SNR=8.8	23.43 344	eP	P	08 08 42.5 +0.9
TUL1	Tulsa 28nm, 1.0s	23.43 344	eP	P	08 08 42.0 +0.4
Y30A	Stafford Cattl baz=24, SNR=10	23.44 333	P	P	08 08 42.6 +0.9
W33A	Caddo, Fort Co baz=24	23.57 338	P	P	08 08 43.3 +0.5
V35A	Meyer Ranch, C baz=24, SNR=5.5	23.59 342	P	P	08 08 43.1 +0.1
U38A	Gravette baz=24, SNR=8.8	23.60 347	P	P	08 08 44.1 +0.9
Z28A	Tucker Farm, M baz=24, SNR=9.0	23.66 329	P	P	08 08 43.9 +0.1
X31A	McDonald Ranch baz=24, SNR=5.6	23.68 335	P	P	08 08 44.3 +0.4
U37A	Salina baz=24, SNR=8.1	23.73 346	P	P	08 08 45.2 +0.9
Y29A	Portfield Fa baz=24, SNR=9.0	23.78 331	P	P	08 08 45.1 +0.2
W32A	Sentinel baz=24, SNR=10	23.83 337	P	P	08 08 46.0 +0.8
V34A	Guthrie baz=24, SNR=13	23.86 341	P	P	08 08 45.7 +0.2
V34A	Guthrie 21nm, 0.6s	23.86 341	eP	P	08 08 45.1 -0.4
V34A	Oologah 23.87 345	eP	P	P	08 09 03.9 -1.1
U36A	Oologah baz=24	23.87 345	eP	P	08 08 46.2 +0.6
X30A	Coker Ranch, T baz=24, SNR=13	23.91 333	P	P	08 08 46.3 +0.4
Y28A	McKinney Farm, baz=24, SNR=6	24.09 330	P	P	08 08 48.1 +0.4
V33A	Lossen Ranch, baz=24, SNR=6.5	24.11 340	P	P	08 08 48.1 +0.4
MNTX	Cornudas Mount baz=24, SNR=6	24.11 322	P	P	08 08 48.0 +0.2
MNTX	Cornudas Mount 3.0nm, 0.6s	24.11 322	eP	P	08 08 48.2 +0.4
U35A	Pawnee baz=24	24.12 343	P	P	08 08 48.3 +0.4
W31A	Holland Ranch, baz=24	24.15 336	P	P	08 08 48.3 +0.1
CPRX	Cap Rock 4.2nm, 0.8s	24.23 326	eP	P	08 08 49.0 0.0
V32A	Araraho baz=24	24.28 338	P	P	08 08 49.9 +0.6
T37A	Cheneyville 18 baz=25, SNR=12	24.38 347	P	P	08 08 51.0 +0.8
MSTX	Muleshoe baz=25, SNR=14	24.40 329	P	P	08 08 50.8 +0.3
MSTX	Muleshoe 25nm, 0.9s	24.40 329	eP	P	08 08 50.2 -0.3
U34A	Anderson Ranch baz=25, SNR=6	24.43 341	P	P	08 08 50.6 0.0
U34A	Anderson Ranch 18nm, 0.7s	24.43 341	eP	P	08 08 50.2 -0.4
U34A	Boggs Farm, Ca baz=25, SNR=7.4	24.54 345	eP	P	08 09 12.7 -8.4
T36A	Boggs Farm, Ca baz=25	24.54 345	eP	P	08 08 51.9 +0.2
X28A	Dimmitt baz=25	24.57 331	P	P	08 08 52.1 +0.1
T35A	Sooner Cattle baz=25	24.57 344	P	P	08 08 52.6 +0.6
U33A	Lingo Farm, Me baz=25, SNR=6.8	24.61 340	P	P	08 08 52.1 -0.1
V31A	Spring Creek L baz=25, SNR=6.2	24.63 337	P	P	08 08 53.0 +0.5
AMTX	Amarillo baz=25	24.63 333	P	P	08 08 52.9 +0.3
AMTX	Amarillo 8.5nm, 0.6s	24.63 333	eP	P	08 08 53.0 +0.4
WCI	Wyandott Cave 92nm, 0.8s	24.77 4	eP	P	08 08 54.0 +0.2
VWCV	Virginia Weste 24.84 16	eP	P	P	08 08 56.1 +1.8
U32A	Winter Ranch, baz=25, SNR=6.3	24.86 339	P	P	08 08 54.7 +0.1
T34A	McCloskey Farm baz=25	24.86 343	P	P	08 08 54.7 +0.2
S37A	Fort Scott baz=25, SNR=6.0	24.97 347	P	P	08 08 56.1 +0.6
U31A	Nine Bar Ranch baz=25	25.16 337	P	P	08 08 57.8 +0.5
W28A	Vega baz=25	25.18 332	P	P	08 08 57.7 +0.2
S35A	Otter Creek Ra baz=25, SNR=5.6	25.24 345	P	P	08 08 58.4 +0.3
V29A	Stinnett baz=26	25.39 334	P	P	08 08 59.0 -0.1
R37A	Teagarden Farm baz=26	25.50 348	P	P	08 09 01.2 +0.9
T32A	Huddler Ranch, baz=26	25.55 340	P	P	08 09 01.4 +0.5
V28A	Channing baz=26, SNR=7.0	25.60 333	P	P	08 09 01.9 +0.5
U30A	WK&Inc. Balk baz=26	25.61 336	P	P	08 09 02.1 +0.7
R36A	Gordon, Harris baz=26	25.66 347	P	P	08 09 02.1 +0.4
T31A	Randall Ranch, baz=26	25.74 338	P	P	08 09 02.6 +0.1
V27A	Dan Oppiter Fa baz=26	25.88 332	P	P	08 09 04.2 +0.3
Q37A	Longview Farm, baz=26	25.97 349	P	P	08 09 05.0 +0.5
R34A	Isabella, Hill baz=26	26.07 344	P	P	08 09 05.4 -0.1
U28A	Mallet baz=26	26.12 334	P	P	08 09 06.2 +0.1
S31A	Mullinville baz=26	26.14 339	P	P	08 09 06.6 +0.5
121A	Cookes Peak, D baz=26	26.16 320	P	P	08 09 06.4 -0.2
R33A	Oliver Ranch, baz=27	26.29 342	P	P	08 09 07.6 +0.1
Q35A	Mercer Eighty, baz=27	26.29 346	P	P	08 09 07.8 +0.4
T29A	Hugoton baz=27	26.40 336	P	P	08 09 09.0 +0.5
U27A	Thompson Grove baz=27	26.42 333	P	P	08 09 08.9 0.0
CBN	Corbin 23nm, 0.6s	26.49 19	eP	P	08 09 11.2 +2.0
S30A	Montezuma baz=27	26.51 338	P	P	08 09 10.1 +0.7
Q34A	Chapman baz=27	26.57 345	P	P	08 09 10.4 +0.4
R32A	Long Quarter, baz=27	26.61 341	P	P	08 09 10.4 0.0
KSU1	Kansas State U baz=27	26.66 345	P	P	08 09 11.2 +0.5
KSU1	Kansas State U 5.1nm, 0.5s	26.66 345	eP	P	08 09 10.2 -0.5
T28A	Walsh baz=27	26.71 335	P	P	08 09 11.3 -0.1

26d 8h

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, and other parameters. Includes stations like G36A St. Michael, G35A Watkins, SADO Sadowa, etc.

2010 SEP

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, and other parameters. Includes stations like NVAR Mina Array Bea, NVAR 1.1nm, NVAR 0.4nm, etc.

1186

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, and other parameters. Includes stations like PCRV Puerto La Cruz, TXAR Lajitas Array, SADO Sadowa, etc.

Table with columns: DZM, Mont Dzumac, 9.36 182 P, Pn, 09 28 33.9 +1.7, etc. Lists various stations and their coordinates.

Table with columns: SSSL, Suanglung, 57.63 309 eP, P, 09 35 56.7 -0.4, etc. Lists various stations and their coordinates.

Table with columns: LZH, comp=Z,52nm,1.0s, PMZ, 09 35 56.7 -0.4, etc. Lists various stations and their coordinates.

Table with columns: KSH, S, S, 09 51 01.5 -1.1, comp=Z, 2.86nm, 4.7s, LN, PMZ, etc.

MEX 26 09:26:52.8-0.5, 13.85N-92.37W, h15km, MD3.5, Off coast of Chiapas

MEX 26 09:28:08.8-0.4, 13.85N-92.43W, h15km, MD3.6, Off coast of Chiapas

SZGRF 26 09:34:06.6, 8.52S: 151.79E, h167km, D'Entrecasteaux Islands, Papua New Guinea, region

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

Main table with columns: COEN, SMPI, CTA, CTAO, GUMO, GUMO, FAKI, FAKI, QIS, EIDS, EIDS, SWI, SWI, PALU, RMZ, RMZ, DZM, DZM, MTN, MTN, WRAB, WRAB, WRA, WRA, WRA, WRA, MSAI, MSAI, QLP, QLP, LBMI, LBMI, NLAI, NLAI, TNTI, TNTI, TNTI, TNTI, KNRA, KNRA, ARMA, ARMA, ARMA, ARMA, AS01, ASAR, ASAR, ASAR, SANI, SANI, H1S1, H1S2, H1S1, H1S1, CMSA, CMSA, MGCI, MGCI, BATI, BATI, FITZ, FITZ, FITZ, FITZ, LUWI, LUWI, LUWI, LUWI, GTOI, GTOI, MRSI, MRSI, APSI, APSI, WRKA, WRKA, CNB, CNB, CAN, CAN, HTT, HTT, BBOO, BBOO, BBOO, BBOO, BKSI, BKSI, KAPI, KAPI, KAPI, KAPI, TTSI, TTSI, SPSI, SPSI, MILA, MILA, TOO, TOO, ARPS, ARPS, FORT, FORT, FORT, FORT, MYLDM, MYLDM, TSM, TSM, MBWA, MBWA, SDKM, SDKM, OUZ, OUZ, BBKI, BBKI, KKM, KKM, KKM, KKM, TAU, TAU, MEEK, MEEK, KMBL, KMBL, PWJI, PWJI, PBKI, PBKI, SBUM, SBUM

Table with columns: URZ, URZ, GIRL, GIRL, PCJI, PCJI, YULB, YULB, BKZ, BKZ, NACB, NACB, TPUB, TPUB, THZ, THZ, UGM, UGM, YHNB, YHNB, MORW, MORW, KLBR, KLBR, KSM, KSM, KSM, KSM, BLDU, BLDU, KHZ, KHZ, RPZ, RPZ, OXZ, OXZ, JNU, JNU, MJAR, MJAR, NWAO, NWAO, NWAO, NWAO, CMJI, CMJI, RKGY, RKGY, LEM, LEM, LEM, LEM, TPI, TPI, CNJI, CNJI, CGJI, CGJI, KASI, KASI, KRSR, KRSR, KSAR, KSAR, DSRI, DSRI, MDSI, MDSI, LWLI, LWLI, INCN, INCN, NJ2, NJ2, NJ2, NJ2, ASAR, ASAR, SANI, SANI, H1S1, H1S2, H1S1, H1S1, CMSA, CMSA, MGCI, MGCI, BATI, BATI, FITZ, FITZ, FITZ, FITZ, LUWI, LUWI, LUWI, LUWI, GTOI, GTOI, MRSI, MRSI, APSI, APSI, WRKA, WRKA, CNB, CNB, CAN, CAN, HTT, HTT, BBOO, BBOO, BBOO, BBOO, BKSI, BKSI, KAPI, KAPI, KAPI, KAPI, TTSI, TTSI, SPSI, SPSI, MILA, MILA, TOO, TOO, ARPS, ARPS, FORT, FORT, FORT, FORT, MYLDM, MYLDM, TSM, TSM, MBWA, MBWA, SDKM, SDKM, OUZ, OUZ, BBKI, BBKI, KKM, KKM, KKM, KKM, TAU, TAU, MEEK, MEEK, KMBL, KMBL, PWJI, PWJI, PBKI, PBKI, SBUM, SBUM

Table with columns: Name, Az, El, P, S, Pn, Az, El, P, S, Pn. Includes stations like AUMIH MIHALICIK, BORA Eskisehir, BORA Eskisehir, SVRHH Sivrihisar-ESK, etc.

ISC/JB 26 10:16:13.5,0.5,21.13S:0.03:68.20W:0.04,h95km,4km, mb5.0/180, Error ellipse: s-maj=5.5km s-min=4.6km

GCMT 26 10:16:15.4,0.4,21.26S:0.68:40W,h98km,3km,MW5.0/66, Moment Tensor Solution: s11,c13: s66,c93; Duration: 0. Moment tensor: Scale 10^16Nm; Mr-2.97:16; Mw-0.19:22; Mm-2.78:31; Mn-0.35:08; Mo-3.01:13; Ms-0.99:17; Best double couple: M4:12800x10^16 Np1:0.350,0.0000; s55,0.0000; lambda-57.00000; NP2: phi121.00000; phi47.00000; lambda-128.00000; Principal axes: T 4.8130, P1g5.0000; Azm57.0000; N -1.3710, P1g27.0000; Azm150.0000; P -3.4440, P1g63.0000; Azm318.0000; nst1 refers to body waves, cutoff=40s.

az=61.9 BUJ 26 10:16:15.3,22.17S:67.32W,h103km,mb5.3/15 NEIC 26 10:16:15.2,0.5,21.18S:0.81W,h94km,4km,mb5.1/160, Error ellipse: s-maj=5.4km s-min=3.5km az=65.0

GUC 26 10:16:16.7,0.6,21.34S:68.52W,h115km,12km,ML4.9 MOS 26 10:16:18.8,1.1,20.91S:68.21W,h128km,mb5.0/38, Error ellipse: s-maj=15.4km s-min=6.5km az=113.9

IDC 26 10:16:18.2,0.6,21.20S:68.26W,h122km,5km,mb4.5/21, mb1 4.6/25,mb1mx4.5/31,mbtmp4.9/25,MS3.4/5, Ms1 3.4/5,ms1mx3.2/24, Error ellipse: s-maj=14.0km s-min=9.8km az=68.0

ISC 26 10:16:17.0,0.4,21.25S:0.03:68.32W:0.05,h115km,3km, h115.0P-P,n829,phi107/859,mb5.0/181,5C-3D,

Chile-Bolivia border region

Main station list table with columns: Code, IStation, Name, Az, El, P, S, Pn, Az, El, P, S, Pn, Res. Includes stations like PB01 IPOC Station P, LVC Limon Verde, LVC Limon Verde, etc.

Main station list table with columns: Name, Az, El, P, S, Pn, Az, El, P, S, Pn, Res. Includes stations like LRS Lares, AOPR Areco Observ, PMSA Palmer Station, etc.

Main station list table with columns: Name, Az, El, P, S, Pn, Az, El, P, S, Pn, Res. Includes stations like Z37A Pogue Cattle C, Y39A Lockesburg, 234A Clairen Station, etc.

26d 10h

V31A	Rekieta Farm, baz=63, SNR=14	62.77	330	P	P	10 26 30.3	+0.1
V35A	Meyer Ranch, C, baz=63, SNR=7.5	62.80	334	P	P	10 26 30.0	-0.4
Z29A	Hungry Horse, baz=63, SNR=11	62.87	329	P	P	10 26 30.3	-0.7
U36A	Oologah, baz=63, SNR=5.2	62.91	335	P	P	10 26 31.1	0.0
W33A	Caddo, Fort Co, baz=63, SNR=7	62.97	332	P	P	10 26 31.6	+0.1
V30A	Stafford Catt, baz=63, SNR=7	62.99	330	P	P	10 26 31.6	-0.1
V34A	Guthrie, baz=63, SNR=7	63.15	334	P	P	10 26 32.2	-0.5
V34A	Guthrie, comp=Z, 16nm, 0.7s	63.15	334	eP	P	10 26 32.4	-0.2
X31A	McDonald Ranch, baz=64, SNR=22	63.20	331	P	P	10 26 32.9	-0.1
Z28A	Tucker Farm, M, baz=64, SNR=10.0	63.23	328	P	P	10 26 32.8	-0.5
T37A	Cheneyville 18, baz=64, SNR=37	63.24	336	P	P	10 26 33.4	+0.2
W32A	Sentinel, baz=64, SNR=15	63.28	332	P	P	10 26 33.9	+0.3
U35A	Pawnee, baz=64, SNR=15	63.29	335	P	P	10 26 33.5	0.0
Y29A	Porterlie Fa, baz=64, SNR=12	63.34	329	P	P	10 26 33.6	-0.5
X30A	Coker Ranch, T, baz=64, SNR=13	63.45	330	P	P	10 26 34.3	-0.4
V33A	Lossen Ranch, baz=64, SNR=13	63.46	333	P	P	10 26 34.3	-0.4
MNTX	Cornudas Mount, baz=64, SNR=21	63.50	325	P	P	10 26 34.7	-0.4
MNTX	Cornudas Mount, comp=Z, 17nm, 1.1s	63.50	325	eP	P	10 26 34.5	-0.6
ALLY	Alleghey Colle, comp=Z, 53nm, 0.7s	63.53	350	eP	P	10 26 35.1	+0.1
T36A	Boggs Farm, Ca, baz=64, SNR=16	63.55	336	P	P	10 26 35.3	0.0
Y28A	McKinney Farm, baz=64, SNR=7.8	63.66	329	P	P	10 26 35.8	-0.4
U34A	Anderson Ranch, baz=64, SNR=8.6	63.67	334	P	P	10 26 35.9	-0.1
U34A	Anderson Ranch, baz=64, SNR=8.6	63.67	334	eP	P	10 26 36.4	+0.3
T35A	Sooner Cattle, baz=64, SNR=13	63.67	335	P	P	10 26 36.1	0.0
V32A	Arapaho, baz=64, SNR=13	63.70	332	P	P	10 26 36.7	+0.4
SFIN	Scholer Farm, baz=64, SNR=13	63.76	344	P	P	10 26 36.0	-0.5
SFIN	Scholer Farm, comp=Z, 30nm, 0.8s	63.76	344	eP	P	10 26 35.6	-0.9
S37A	Fort Scott, baz=64, SNR=26	63.77	337	P	P	10 26 36.6	0.0
X29A	Tulia, baz=64, SNR=10	63.84	330	P	P	10 26 36.8	-0.6
U33A	Lingo Farm, Me, baz=64, SNR=7.5	63.91	334	P	P	10 26 37.5	-0.1
MSTX	Muleshoe, baz=64, SNR=30	63.97	328	P	P	10 26 37.8	-0.4
MSTX	Muleshoe, comp=Z, 16nm, 1.0s	63.97	328	eP	P	10 26 37.9	-0.4
S36A	Lake Cedric, C, baz=64, SNR=27	64.03	336	P	P	10 26 38.4	0.0
T34A	McClaskey Farm, baz=64, SNR=8.2	64.03	335	P	P	10 26 38.4	0.0
V31A	Spring Creek L, baz=64, SNR=8.6	64.09	332	P	P	10 26 39.4	+0.5
X28A	Dimmitt, baz=64, SNR=6.2	64.13	329	P	P	10 26 39.0	-0.3
AMTX	Amarillo, baz=64, SNR=6.2	64.19	330	P	P	10 26 39.0	-0.5
AMTX	Amarillo, comp=Z, 27nm, 1.3s	64.19	330	eP	P	10 26 39.2	-0.4
R37A	Teagarden Farm, baz=64, SNR=27	64.26	337	P	P	10 26 40.0	+0.1
S35A	Otter Creek Ra, baz=64, SNR=14	64.27	336	P	P	10 26 39.9	-0.1
MMNV	Mt. Morris Dam, comp=Z, 49nm, 0.8s	64.27	352	eP	P	10 26 39.9	+0.1
W29A	Armaillo, baz=65, SNR=5	64.37	330	P	P	10 26 40.3	-0.4
V30A	Spur Ranch, Mi, baz=65, SNR=7.1	64.46	331	P	P	10 26 42.4	+1.0
HDIL	Hopedale, baz=65, SNR=7.9	64.51	342	P	P	10 26 40.6	-0.8
HDIL	Hopedale, comp=Z, 34nm, 0.8s	64.51	342	eP	P	10 26 40.6	-0.8
T33A	Patterson Ranc, baz=65, SNR=10	64.52	334	P	P	10 26 41.8	+0.2
R36A	Gordon, Harris, baz=65, SNR=15	64.52	337	P	P	10 26 41.4	-0.2
S34A	Willow Spring, baz=65, SNR=15	64.59	335	P	P	10 26 42.0	-0.1
U31A	Nine Bar Ranch, baz=65, SNR=15	64.59	332	P	P	10 26 42.5	+0.4
Q37A	Longview Farm, baz=65, SNR=15	64.63	338	P	P	10 26 41.9	-0.4
W28A	Vega, baz=65, SNR=15	64.74	330	P	P	10 26 43.0	-0.2
R35A	Emporia Munci, baz=65, SNR=5.3	64.78	336	P	P	10 26 43.5	+0.3
AAM	Ann Arbor, comp=Z, 24nm, 0.9s	64.80	347	eP	P	10 26 42.8	-0.5
AAM	Ann Arbor, comp=Z, 24nm, 0.9s	64.80	347	eP	P	10 26 42.8	-0.5
T32A	Huddler Ranch, baz=65, SNR=5.3	64.88	333	P	P	10 26 44.7	+0.7
V29A	Stinnett, baz=65, SNR=5.3	64.93	331	P	P	10 26 44.1	-0.3
Q36A	Arnold C. Orve, baz=65, SNR=7.7	65.06	337	P	P	10 26 44.5	-0.6
U30A	WK&E Inc. Balk, baz=65, SNR=7.7	65.08	332	P	P	10 26 45.2	-0.2
T31A	Randall Ranch, baz=65, SNR=7.9	65.13	333	P	P	10 26 46.0	+0.4
V28A	Channing, baz=65, SNR=7.9	65.15	330	P	P	10 26 46.0	+0.1
R34A	Isabella, Hill, baz=65, SNR=9.5	65.16	335	P	P	10 26 45.6	-0.2
Q35A	Mercer Eighty, baz=66, SNR=7.7	65.19	336	P	P	10 26 45.4	-0.5
U29A	Oasis Ranch, S, baz=66, SNR=9.2	65.29	331	P	P	10 26 47.2	+0.5
S32A	Newby Ranch, P, baz=66, SNR=9.2	65.33	334	P	P	10 26 47.4	+0.5
V27A	Dan Oppiter Fa, baz=66, SNR=9.2	65.44	330	P	P	10 26 48.2	+0.5
121A	Cookes Peak, D, baz=66, SNR=15	65.45	324	P	P	10 26 48.2	+0.3
121A	Cookes Peak, D, comp=Z, 30nm, 1.3s	65.45	324	eP	P	10 26 49.2	+1.3
R33A	Olandr Ranch, baz=66, SNR=6.4	65.46	335	P	P	10 26 47.7	0.0
P36A	Good Intent, A, baz=66, SNR=7.0	65.56	337	P	P	10 26 47.8	-0.5
Q34A	Chapman, baz=66, SNR=7.0	65.58	336	P	P	10 26 48.6	+0.2
KSU1	Kansas State U, baz=66, SNR=5.4	65.61	336	P	P	10 26 48.5	-0.2
KSU1	Kansas State U, comp=Z, 22nm, 1.0s	65.61	336	eP	P	10 26 48.3	-0.3
U28A	Mallet, baz=66, SNR=5.4	65.67	330	P	P	10 26 49.2	0.0
R32A	Duane Minner, baz=66, SNR=8.2	65.77	337	P	P	10 26 49.3	-0.4
P35A	Long Quarter, baz=66, SNR=15	65.85	334	P	P	10 26 50.4	+0.2
T29A	Hugoton, baz=66, SNR=6.2	65.89	332	P	P	10 26 50.8	+0.3
Q36A	Bolckow, baz=66, SNR=13	65.92	338	P	P	10 26 49.8	-0.8
S30A	Montezuma, baz=66, SNR=13	65.92	332	P	P	10 26 51.5	+0.8
U27A	Thompson Grove, baz=66, SNR=13	65.98	330	P	P	10 26 51.2	0.0
Q33A	Connelly Farm, baz=66, SNR=6.3	66.00	335	P	P	10 26 51.0	-0.1
BNM	Barren Site, baz=66, SNR=6.3	66.06	326	eP	P	10 26 53.2	+1.3
R31A	Burdett, baz=66, SNR=6.7	66.07	334	P	P	10 26 51.8	+0.2
P34A	Walnut Farm, R, baz=66, SNR=18	66.09	336	P	P	10 26 51.6	-0.1
LPM	Los Pinos Moun, baz=66, SNR=18	66.19	326	eP	P	10 26 53.5	+0.8
S29A	Ulysses, baz=66, SNR=18	66.19	332	P	P	10 26 53.0	+0.5

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T28A	Walsh, baz=66, SNR=10	66.22	331	P	P	10 26 52.6	-0.1
Q32A	Mettler Ranch, baz=66, SNR=7.9	66.28	335	P	P	10 26 52.7	-0.2
P33A	Williams Farm, baz=67, SNR=7.0	66.32	335	P	P	10 26 53.4	+0.2
Q35A	Humboldt, baz=67, SNR=7.0	66.38	337	P	P	10 26 53.1	-0.4
R30A	Dighton, baz=67, SNR=7.0	66.39	333	P	P	10 26 53.7	0.0
T27A	Campo, baz=67, SNR=15	66.45	330	P	P	10 26 54.2	0.0
S28A	Ladron, baz=67, SNR=16	66.51	331	P	P	10 26 54.9	+0.3
LAZ	Albuquerque, baz=67, SNR=16	66.53	326	eP	P	10 26 56.0	+1.2
ANMO	Albuquerque, comp=Z, 12nm, 0.9s	66.59	326	eP	P	10 26 56.0	+0.8
ANMO	Albuquerque, comp=Z, 12nm, 0.9s	66.59	326	eP	P	10 26 56.0	+0.8
Q34A	Beatrice, baz=67, SNR=6.4	66.59	337	P	P	10 26 54.8	0.0
CBKS	Cedar Bluff, baz=67, SNR=6.4	66.61	334	eP	P	10 26 55.8	+0.8
CBKS	Cedar Bluff, comp=Z, 59nm, 0.8s	66.61	334	eP	P	10 26 55.8	+0.8
CBKS	Cedar Bluff, comp=Z, 59nm, 0.8s	66.61	334	eP	P	10 26 55.8	+0.8
Q31A	Ellis, baz=67, SNR=8.9	66.63	334	P	P	10 26 55.6	+0.4
N35A	Tabor, baz=67, SNR=8.2	66.81	338	P	P	10 26 55.8	-0.4
Q33A	Hebron, baz=67, SNR=8.8	66.83	336	P	P	10 26 56.1	-0.3
P32A	Hugo Farm, baz=67, SNR=6.0	66.84	335	P	P	10 26 56.3	-0.1
R29A	Marienthal, baz=67, SNR=13	66.87	332	P	P	10 26 57.1	+0.3
NVL	N'azarevskaya, baz=67, SNR=13	66.87	159	eP	P	10 26 56.3	0.0
NVL	N'azarevskaya, comp=Z, 16nm, 0.7s	66.87	159	eP	P	10 26 56.3	0.0
Q30A	Quinter, baz=67, SNR=21	66.94	333	P	P	10 26 57.8	+0.6
T26A	Coinche Ratio, baz=67, SNR=21	66.95	330	P	P	10 26 57.9	+0.4
JFWS	Jewell Farm, baz=67, SNR=21	66.96	343	eP	P	10 26 56.7	-0.5
JFWS	Jewell Farm, comp=Z, 44nm, 0.7s	66.96	343	eP	P	10 26 56.7	-0.5
TUC	Tucson, comp=Z, 44nm, 0.7s	66.98	322	eP	P	10 26 58.6	+1.0
TUC	Tucson, comp=Z, 21nm, 1.2s	66.98	322	eP	P	10 26 58.6	+1.0
TUC	Tucson, comp=Z, 21nm, 1.2s	66.98	322	eP	P	10 26 58.6	+1.0
P31A	Stockton, baz=67, SNR=18	67.06	334	P	P	10 26 58.2	+0.3
N34A	Lincoln, baz=67, SNR=9.2	67.09	337	P	P	10 26 57.4	-0.7
R28A	Tribune, baz=67, SNR=9.7	67.10	332	P	P	10 26 58.2	0.0
Q29A	Oakley, baz=67, SNR=5.7	67.19	333	P	P	10 26 58.9	+0.1
S26A	Kim, baz=68, SNR=20	67.25	330	P	P	10 26 59.8	+0.5
Q32A	Brockman Farm, baz=68, SNR=8.6	67.26	336	P	P	10 26 59.8	-0.2
T25A	Trinidad, baz=68, SNR=5.7	67.31	329	eP	P	10 27 00.2	+0.5
T25A	Trinidad, comp=Z, 40nm, 1.5s	67.31	329	eP	P	10 27 00.9	+1.2
N33A	I Bar K, Exete, baz=68, SNR=8.6	67.36	336	P	P	10 26 59.7	0.0
M35A	Neola, baz=68, SNR=8.9	67.36	338	P	P	10 26 59.7	0.0
P30A	Selder, baz=68, SNR=8.9	67.44	334	P	P	10 27 00.5	+0.2
R27A	Eads, baz=68, SNR=9.7	67.49	331	P	P	10 27 00.9	+0.1
O31A	Woolen Ranch, baz=68, SNR=9.7	67.58	335	P	P	10 27 00.7	-0.4
N32A	Stulken Farm, baz=68, SNR=9.7	67.70	336	P	P	10 27 02.7	+0.8
Q28A	Sharon Springs, baz=68, SNR=9.7	67.70	332	P	P	10 27 02.8	+0.7
M34A	Aspy Farms, Fr, baz=68, SNR=5.2	67.77	337	P	P	10 27 01.9	0.0
P29A	Atwood, baz=68, SNR=6.2	67.77	333	P	P	1	

C38A	baz=72,SNR=34	71.68	344	P	P	10 27 25.5	-0.7
E34A	Wadena	71.69	341	P	P	10 27 26.8	+0.6
D36A	Goodland	71.69	342	P	P	10 27 25.9	-0.4
MURC	Murrieta	71.72	319	P	P	10 27 27.7	+1.0
H29A	Onida	71.74	337	P	P	10 27 26.8	+0.2
J26A	Sides Ranch, S	71.75	334	P	P	10 27 27.9	+1.1
G30A	Faulkton	71.78	338	P	P	10 27 27.6	+0.8
D35A	Remer	71.86	342	P	P	10 27 27.1	-0.1
SRU	San Rafael	71.86	327	eP	pmax	10 27 28.7	+1.0
SRU	San Rafael	71.86	327	eP	P	10 27 28.7	+1.0
C37A	Embarrass	71.93	343	P	P	10 27 27.6	0.0
E33A	Westby DABS, E	71.94	340	P	P	10 27 27.3	-0.4
MYMN	Ely	71.95	344	P	P	10 27 27.8	+0.1
EYMN	Ely	71.95	344	eP	P	10 27 27.4	-0.3
I27A	Quinn	71.97	335	P	P	10 27 28.4	+0.4
BBRC	Big Bear Solar	72.00	319	P	P	10 27 29.3	+0.6
H2C	Hector Ludlow	72.03	320	P	P	10 27 29.4	+0.8
H8A	Mission Ridge	72.08	336	P	P	10 27 29.1	+0.5
F31A	Hecla	72.11	339	P	P	10 27 28.7	0.0
P18A	Preston Nutter	72.11	327	eP	P	10 27 30.7	+1.4
J25A	Sunshine Ranch	72.11	334	P	P	10 27 30.1	+1.1
G29A	Hoven	72.12	337	P	P	10 27 28.3	-0.6
C36A	Pine Crest Far	72.14	343	P	P	10 27 28.6	-0.2
SCI	San Clemente I	72.16	317	P	P	10 27 30.3	+1.0
TUQ	Turquoise Moun	72.20	321	P	P	10 27 30.4	+0.7
D34A	Park Rapids	72.21	341	P	P	10 27 29.0	-0.3
CCUT	Cedar City	72.23	324	eP	P	10 27 32.0	+2.1
P17A	Butcher Ranch,	72.25	327	eP	P	10 27 31.1	+1.2
I26A	New Underwood	72.26	335	P	P	10 27 30.3	+0.6
MSU	Marysvale	72.28	325	eP	P	10 27 31.8	+1.6
MSU	Marysvale	72.28	325	eP	P	10 27 31.8	+1.6
F30A	Leola	72.35	338	P	P	10 27 30.4	+0.2
TMUT	Trail Mountain	72.36	326	eP	P	10 27 32.3	+1.5
G28A	Parade	72.38	336	P	P	10 27 30.9	+0.5
C35A	Jirik Farms, M	72.40	342	P	P	10 27 30.2	-0.2
BFSC	Mount Baldy Ra	72.44	319	P	P	10 27 31.9	+0.8
H27A	Hoves	72.45	335	P	P	10 27 31.8	+0.9
D33A	AnnSam, Waubun	72.45	341	P	P	10 27 31.2	+0.4
RRX	Edison Barstow	72.46	320	P	P	10 27 31.7	+0.6
FMP	Fort Macarthur	72.48	318	P	P	10 27 31.6	+0.4
SHPR	Sheep Range	72.50	322	eP	P	10 27 33.0	+1.6
E31A	Nome	72.59	339	P	P	10 27 31.7	+0.1
I29A	Rochford	72.60	334	P	P	10 27 33.2	+1.2
F29A	Eureka	72.63	337	P	P	10 27 32.6	+0.7
GSC	Goldstone	72.63	320	eP	P	10 27 33.8	+1.6
GSC	Goldstone	72.63	320	eP	pmax	10 27 33.7	+1.6
GSC	Goldstone	72.63	320	eP	P	10 27 33.8	+1.6
MWC	Mount Wilson	72.67	319	eP	pmax	10 27 33.9	+1.3
MWC	Mount Wilson	72.67	319	eP	P	10 27 33.9	+1.3
K22A	Casper	72.69	331	P	P	10 27 33.4	+1.0
K22A	Casper	72.69	331	eP	P	10 27 33.1	+0.7
H26A	Fairpoint	72.71	335	P	P	10 27 33.3	+0.9
PASC	Pasadena Art C	72.72	318	eP	P	10 27 34.1	+1.5
RSSD	Black Hills	72.81	334	eP	pmax	10 27 34.3	+1.1
RSSD	Black Hills	72.81	334	eP	P	10 27 34.3	+1.1
DECC	Green Verdugo	72.86	318	P	P	10 27 34.8	+1.3
E30A	Jud	72.89	338	P	P	10 27 34.0	+0.6
C33A	Trail	72.98	341	P	P	10 27 33.7	-0.1
F28A	McLaughlin	73.00	337	P	P	10 27 34.4	+0.4
G27A	Dupree	73.02	336	P	P	10 27 34.4	+0.4
H25A	Fruitdale	73.04	334	P	P	10 27 34.9	+0.5
EDW2	Edwards Air Fo	73.07	319	P	P	10 27 35.6	+0.9
O16A	Springville	73.18	327	eP	P	10 27 30.1	-5.3
E29A	Napoleon	73.20	338	P	P	10 27 36.1	+0.9
G26A	Maurine	73.21	335	P	P	10 27 35.4	+0.1
BLG	Laguna Peak	73.22	318	P	P	10 27 36.5	+0.9
LRMC	Laurel Mountai	73.28	320	P	P	10 27 37.4	+1.3
NLU	North Lily Min	73.29	326	eP	P	10 27 37.6	+1.5
B34A	Aery, Baudette	73.31	342	P	P	10 27 35.5	-0.2
OSI	Osito Adit	73.34	318	eP	P	10 27 37.8	+1.4
D30A	Buchanan	73.37	339	P	P	10 27 36.4	+0.2
TPNV	Topopah Spring	73.43	322	eP	pmax	10 27 38.8	+1.8
TPNV	Topopah Spring	73.43	322	P	P	10 27 38.1	+1.1
TPNV	Topopah Spring	73.43	322	eP	P	10 27 38.8	+1.8
G25A	Newell	73.44	335	P	P	10 27 37.5	+0.7
FURC	Furnace Creek,	73.46	321	P	P	10 27 38.5	+1.6
F27A	Lemmon	73.47	336	P	P	10 27 37.5	+0.7
AGMN	Agassiz Nation	73.49	341	P	P	10 27 36.9	+0.1
AGMN	Agassiz Nation	73.49	341	eP	P	10 27 36.6	-0.2
BSC	Santa Cruz Isl	73.50	317	P	P	10 27 38.3	+1.0
MPMC	Manual Prospec	73.56	320	P	P	10 27 38.3	+0.5
E28A	Huff	73.58	337	P	P	10 27 38.2	+0.7
D29A	Pettibone, Tap	73.61	338	P	P	10 27 37.6	0.0

C31A	Landman Farms,	73.63	340	eP	P	10 27 37.6	0.0
CTU	Camp Tracy	73.67	327	eP	P	10 27 39.5	+1.2
F26A	Lodgepole	73.70	336	P	P	10 27 38.5	+0.3
ARVC	Arvin	73.75	319	P	P	10 27 39.1	+0.5
DAC	Darwin (Calif)	73.77	320	eP	pmax	10 27 40.4	+1.4
DAC	Darwin (Calif)	73.77	320	eP	P	10 27 40.4	+1.4
E27A	Carson	73.77	337	P	P	10 27 39.3	+0.7
B32A	Ashes, Strandq	73.78	341	P	P	10 27 38.4	-0.1
C30A	Mose, Pekin	73.79	339	P	P	10 27 39.2	+0.5
TCUT	Toone Canyon	73.82	327	eP	P	10 27 40.6	+1.4
SBC	Santa Barbara	73.84	318	P	P	10 27 38.1	-1.1
DUG	Dugway	73.85	326	eP	pmax	10 27 40.6	+1.3
DUG	Dugway	73.85	326	P	P	10 27 40.6	+1.3
DUG	Dugway	73.85	326	eP	P	10 27 40.6	+1.3
ISA	Isabella	73.88	319	eP	pmax	10 27 41.1	+1.6
ISA	Isabella	73.88	319	eP	P	10 27 40.5	+1.0
ISA	Isabella	73.88	319	eP	P	10 27 41.1	+1.6
R11A	Troy Canyon, C	74.03	323	P	P	10 27 41.3	+0.9
R11A	Troy Canyon, C	74.03	323	eP	P	10 27 42.0	+1.6
F25A	Bowman	74.07	335	P	P	10 27 41.3	+1.0
GRAC	Grapevine Rang	74.12	321	P	P	10 27 41.8	+1.0
MCU	Monte Cristo P	74.12	328	eP	P	10 27 41.9	+0.8
E26A	Carlson Angus	74.14	336	P	P	10 27 40.9	+0.2
CWC	Cottonwood Cre	74.16	320	P	P	10 27 42.0	+0.7
BW0E	Boulder Array	74.17	330	eP	P	10 27 41.5	+0.3
PKM	Peak Mountain	74.21	318	P	P	10 27 42.2	+0.7
HWUT	Hardware Ranch	74.26	328	eP	P	10 27 42.5	+0.8
MDND	Maddock	74.29	339	P	P	10 27 42.1	+0.5
MDND	Maddock	74.29	339	eP	P	10 27 42.5	+1.0
YES	Vestal, Richgr	74.37	319	P	P	10 27 43.1	+0.9
B30A	Myrick Ranch, E	74.40	340	P	P	10 27 42.2	+0.1
C28A	Hausauer Farms	74.45	338	P	P	10 27 42.6	+0.1
SPUT	South Promonto	74.48	327	eP	P	10 27 44.0	+1.0
BGU	Big Grassy Moun	74.50	326	eP	P	10 27 44.0	+0.9
E25A	Miller Ranch,	74.52	336	P	P	10 27 43.6	+0.6
SMCC	Simmler	74.59	318	P	P	10 27 44.1	+0.6
D26A	Manning	74.60	337	P	P	10 27 44.2	+0.8
TIN	Tinemaha	74.67	321	P	P	10 27 45.4	+1.4
B29A	Wagenman Farm,	74.74	339	P	P	10 27 44.8	+0.7
RCTO	Reed, Farmer	74.78	319	P	P	10 27 45.5	+0.9
MTUT	Morton Thiokol	74.78	327	eP	P	10 27 45.3	+0.7
A30A	Hoffart Farm,	74.82	340	P	P	10 27 45.1	+0.5
C27A	Saylor Ranch,	74.84	337	P	P	10 27 44.2	-0.5
AHID	Auburn Hatcher	74.90	329	eP	P	10 27 46.7	+1.3
PTRM	Twideman Ranch	74.94	318	eP	P	10 27 47.3	+1.7
HVU	Hansel Valley	75.00	327	eP	P	10 27 46.6	+0.7
HVU	Hansel Valley	75.00	327	eP	P	10 27 46.6	+0.7
D25A	Fairfield	75.03	336	P	P	10 27 46.9	+1.0
MTUM	Tungsten Hill,	75.06	321	eP	P	10 27 47.9	+1.4
B28A	Dugan Ranch, T	75.07	339	P	P	10 27 46.7	+0.7
A29A	Manning Farm,	75.10	339	P	P	10 27 46.4	+0.2
C26A	Walter Farm, P	75.15	337	P	P	10 27 47.0	+0.5
REDW	Red Top Meadow	75.23	329	eP	P	10 27 48.2	+0.9
ULM	Lac du Bonnet	75.24	342	P	P	10 27 46.5	-0.4
SNOW	Snow King Moun	75.26	329	eP	P	10 27 48.6	+1.0
LOHW	Long Hollow	75.31	330	eP	P	10 27 48.6	+0.9
B27A	Indian Peters	75.34	338	P	P	10 27 48.5	+1.0
TPAW	Teton Pass	75.38	329	eP	P	10 27 49.2	+1.0
MLAC	Mammoth Lakes	75.41	321	P	P	10 27 49.3	+0.8
MOOV	Moose Ponds	75.48	330	eP	P	10 27 49.3	+0.6
C25A	Fred Ranch, W	75.48	336	P	P	10 27 49.4	+1.0
FXWY	Fox Creek	75.53	329	eP	P	10 27 50.0	+0.9
ELK	Elko	75.53	325	eP	pmax	10 27 50.1	+1.0
ELK	Elko	75.53	325	eP	P	10 27 50.1	+1.0
NV01	Nina Array Bea	75.63	322	eP	P	10 27 50.6	+0.9
NV01	Nina Array Bea	75.63	322	P	P	10 27 51.0	+1.2
B26A	Jensen Ranch,	75.62	335	eP	P	10 27 50.2	+0.8
IMW	Indian Meadow	75.68	330	eP	P	10 27 50.9	+1.0
FLWY	Flagg Ranch	75.71	330	eP	P	10 27 51.6	+1.6
SCHO	Schenerville	75.78	318	P	P	10 27 49.8	-0.1
LAO	LASA Array	75.80	334	eP	P	10 27 50.8	+0.6
A27A	Ledoux Ranch,	75.80	338	P	P	10 27 50.8	+0.6
RLMT	Red Lodge	75.85	331	eP	P	10 27 51.1	+0.3
RLMT	Red Lodge	75.85	331	eP	P	10 27 51.7	+0.9
H17A	Grant Village	75.89	330	eP	P	10 27 52.1	+1.0
H17A	Grant Village	75.89	330	eP	P	10 27 53.1	+2.0
B25A	Knox Farm, Ray	75.91	337	P	P	10 27 52.1	+1.3
LKWY	Lake	75.94	330	eP	pmax	10 27 54.0	+2.6
LKWY	Lake	75.94	330	eP	P	10 27 54.0	+2.6
LRV	Little Bear	75.94	319	eP	P	10 27 53.7	+2.4
YFT	Old Faithful	76.05	330	eP	P	10 27 54.4	+2.4
SBA	Scott Base	76.17	190	eP	pmax	10 27 53.4	+1.4
SBA	Scott Base	76.17	190	eP	P	10 27 53.4	+1.4
YMR	Madison River	76.28	330	eP	P	10 27 54.8	+1.6

BMN	Battle Mountai	76.39	324	eP	pmax	10 27 54.3	+0.4
BMN	Battle Mountai	76.39	324	eP	P	10 27 54.3	+0.4
BMN	Battle Mountai	76.39	324	eP	P	10 27 54.3</	

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like BNON Benoni, KSR Koster, BFSD Buffelsfontein, etc.

ISC/JB 26 10:29:25.9-0.7, 41.83N-143.77E: 0.07, h55km, 6km, mb3.8/8, Error ellipse: s-maj=10.1km s-min=5.5km az=4.1

MOS 26 10:29:25.3-1.2, 41.83N-143.63E, h51km, mb4.0/1, Error ellipse: s-maj=30.7km s-min=12.1km az=73.3
JMA 26 10:29:26.9-0.1, 41.88N-143.77E, h50km, 2km, M3.4
IDC 26 10:29:28.1-2.7, 41.82N-143.50E, h57km, 2km, M3.6/7, mb1.3/9, mb1mx3.5/37, mbtmp3.8/8, ML3.0/2, MS2.6/1, Ms1.2.6/1, ms1mx2.3/36, Error ellipse: s-maj=27.7km s-min=16.2km az=101.0

ISC 26 10:29:27.2-1.2, 41.86N-143.76E: 0.07, h47km, 11km, n30, c0.97/36, mb3.7/8, 5C-1D, Hokkaido region

Main table for station data on the left side, including stations like JEM Erimo, JNBK Urakawa-nobuka, etc.

Main table for station data in the middle, including stations like RAR Rarotonga, DZM Mont Dzumac, PPT Papeete, etc.

ISC/JB 26 10:40:36.2-0.3, 21.11S-103.68W: 0.05, h113km, 3km, mb4.5/33, Error ellipse: s-maj=7.4km s-min=4.8km az=167.2

IDC 26 10:40:36.5-1.6, 21.00S: 68.41W, h104km, 15km, mb4.1/10, mb1.4/2/12, mb1mx3.9/27, mbtmp4.5/12, MS2.6/1, Ms1.2.8/1, ms1mx2.5/20, Error ellipse: s-maj=19.6km s-min=16.3km az=106.0

GUC 26 10:40:37.0-0.4, 21.18S: 68.76W, h126km, 3km, ML4.8
NEIC 26 10:40:37.6-0.7, 21.09S: 68.33W, h110km, 6km, mb4.6/28, Error ellipse: s-maj=8.8km s-min=5.9km az=79.0

BUI 26 10:40:37.6-2.1, 10S: 68.30W, h110km, m0.4, 9/4
ISC 26 10:40:36.0-0.6, 21.09S: 103.48W: 0.04, h105km, 5km, n95, c138/105, mb4.5/34, 3C, Chile-Bolivia border region

Main table for station data in the middle, including stations like BP01 IPOC Station P, BP09 IPOC Station P, etc.

Main table for station data on the right side, including stations like ASTB Santa Barbara, LPAZ La Paz, LPZAZ La Paz, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like LZH Lanzhou, LZH Warrungunga, CD2 Chengdu, KMI Kunming, GYA Guiyang, TORO Torodi Ar, Bea.

IDC 26 10:50:39.72.0.5,73S,151.82E,h0km,mb3.8/4, mb1 4.0/5,mb1mx3.7/26,mbtmp3.8/5,ML1.8/1, Error ellipse: s-maj=108.7km s-min=25.7km az=130.0, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like PMG Port Moresby, WRA Warrungunga, ASAR Alice Springs, FITZ Fitzroy Crossi, ILAR Eielson Array, TORO Torodi Ar, Bea.

IDC 26 10:56:32.2.3.6,18.45Sx174.64W,h60km,mb3.8/6, mb1 4.0/7,mb1mx3.6/31,mbtmp3.1/7,ML3.9/1, Error ellipse: s-maj=47.3km s-min=23.0km az=131.0, Tonga Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like AFI Afiamalu, URZ Urewera, CTA Charters Tower, WRA Warrungunga, ASAR Alice Springs, FITZ Fitzroy Crossi, ILAR Eielson Array.

MOS 26 11:08:40.6, 2.1, 0.5, 48S, 146.37E, h73km, mb5.5/45, Error ellipse: s-maj=8.9km s-min=5.9km az=98.3

BUI 26 11:08:41.7, 5.5, 5.7S, 146.66E, h96km, mb5.2/61, mb5.2/51 ISC/B 26 11:08:42.0, 2.0, 0.6, 5.5S, 146.47E, 0.02, h87km, 5.5km, mb5.2/160, Error ellipse: s-maj=9.9km s-min=3.8km az=152.8

IDC 26 11:08:42.0, 6.0, 5.5, 56S, 146.52E, h80km, mb4.9/27, mb1 5.0/29, mb1mx4.9/35, mbtmp5.2/29, MS4.4/17, Ms1 4.4/17, ms1mx4.4/19, Error ellipse: s-maj=13.4km s-min=8.6km az=77.0

NEIC 26 11:08:44.0, 0.1, 5.5, 75S, 146.46E, h95km, mb5.4/114, MW5.6, Error ellipse: s-maj=3.9km s-min=3.6km az=69.0, Moment Tensor Solution. s10 Moment tensor: Scale 10^17Nm; M1=1.78; M2=0.32; M3=1.46; M4=0.21; M5=2.23; M6=0.34; Best double couple: M2, 80000x10^17 NP1: 0.136, 0.0000; 0.841, 0.0000; 1.91, 0.0000; NP2: 0.328, 0.0000; 0.850, 0.0000; 1.97, 0.0000; Principal axes: T 1.8200, P1g83.0000, Azm284.0000; N 1.4100, P1g6.0000, Azm143.0000; P -3.2200, P1g5.0000, Azm52.0000;

NEIC Felt at Goroka, Kainantu, Lae, Madang and Mount Hagen.

GCMT 26 11:08:44.0, 0.1, 5.6, 25S, 146.50E, h85km, MW5.5/117, Moment Tensor Solution. s107, c161; s117, c225; Duration: 1s3 Moment tensor: Scale 10^17Nm; M1=1.75; M2=0.2; M3=1.72; M4=0.03; M5=0.03; M6=0.03; M7=0.61; M8=0.04; M9=0.04; Best double couple: M1, 1.835000x10^17 NP1: 0.286, 0.0000; 0.845, 0.0000; 1.87, 0.0000; NP2: 0.110, 0.0000; 0.845, 0.0000; 1.93, 0.0000; Principal axes: T 1.7520, P1g88.0000; Azm117.0000; N 0.1630, P1g2.0000, Azm288.0000; P -1.9180, P1g0.0000, Azm18.0000; nsta1 refers to body waves, cutoff=50s. nsta2 refers to surface/mantle waves, cutoff=50s.

AUST 26 11:08:45.1, 0.2, 5.6, 15S, 146.50E, h101km Error ellipse: s-maj=0.6km s-min=0.5km az=243.0

DJA 26 11:08:46.0, 0.5, 6.1, 5.4S, 146.6E, h96km, mb5.5/40, mb5.5/40, mb5.8/32, MLV6.4/2, Mw(MB)5.3/32

ISC 26 11:08:43.9, 0.3, 5.6, 4S, 146.50E, 0.04, h93km, 2km, h93km, P-P, n536, 0.139/564, mb5.3/158, 13C-9D, Eastern New Guinea region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like MANU Manus Island, PMG Port Moresby, PMG Port Moresby, PMG Rabaul, JAY Jayapura, GENI Genyem, SMPI Sarmi, COEN Coen, COEN Coen, HNR Honiara, HNR Honiara, HNR Honiara, HNR Honiara, CTA Charters Tower, CTA Charters Tower, CTA Charters Tower, FAKI Fak Fak, FAKI Fak Fak, FAKI Fak Fak, KDU Kakadu, SWI Sorong, SWI Sorong, QIS Mount Isa.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like BNDI Bandanaira, MTN Manton Dam, MTN Manton Dam, PALU Palau, MSAI Masohi, WRAB Tennant Creek, WRAB Tennant Creek, WRAB Tennant Creek, WRAB Tennant Creek, WRA Warrungunga, WRA Warrungunga, WRA Warrungunga, WRA Warrungunga, GUMO Guam, GUMO Guam, GUMO Guam, GUMO Guam, NLAI Nanoro, LBMI Labuha, KNRA Kunurra, EIDS Eidsvold, EIDS Eidsvold, TNTI Ternate, TNTI Ternate, SANI Sanari, RMQ Roma, QLP Qulipi Crossi, ASO1 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, SOEI Soe, SOEI Soe, BATI Baumata, KMSI Cibinong, BBSI Bau Bau, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi, KDI Kendari, LUWI Luwuk, LUWI Luwuk, MMRI Maumere, MMRI Maumere, ARMA Armidale, ARMA Armidale, APSI Apsara, DZM Mont Dzumac, DZM Mont Dzumac, DZM Mont Dzumac, CMSA Cobar Meteorol, BSSI Bau Bau, WRKA Warakura, BASI Baing, BKSI Bulukumba, WSI Waingapu, KAPI Kappang, MGCD Mangrove Creek, HNT Hallett, BBOO Buekleebo, CAN Canberra, CAN Canberra, CND Canberra Magne, MYLMD Lahad Datu, MYLMD Lahad Datu, MBWA Marble Bar, FORT Forrest, ARPS Mount Arapiles, MILA Mila, TOO Toolong, JAGI Jajag, Banyuwa, JAGI Jajag, Banyuwa, KKM Kota Kinabalu, KKM Kota Kinabalu, MSVF Nonsavu, MSVF Nonsavu, MEEK Meekatharra.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like KMBL Kambalda, BTM Bintulu, SBUM Sibulau, SBUM Sibulau, GIRL Giralda, UGM Wanagama, SMRI Semarang, MOO Moorlands, KSM Kuching, KSM Kuching, MORW Morawa, KLBR Kellerberrin, BLDU Ballardia, TWG Pinlang, YOJ Yonaguni jima, YOJ Yonaguni jima, YULB Yulb, TPUB Ta-pu, NACB Nanganchoo, SSSL Suanglung, NWAO Narrogin, NWAO Narrogin, NWAO Narrogin, OUZ Omahuta, LEM Lembang, YHNB Yeheng, JHJ Hachijo jima, RKGY Rocky Gully, XMI Christmas Isla, XMI Christmas Isla, XMI Christmas Isla, OZH Quanzhou, OZH Quanzhou, JUNU Nakatsue, HIZ Hauri, KNTN Kanton, AFI Afiamalu, AFI Afiamalu, AFI Afiamalu, MJAR Matsushiro, MJAR Matsushiro, MAJO Matsushiro, MAJO Matsushiro, MAT Matsushiro, URZ Urewera, URZ Urewera, THZ Tophas, BKZ Black Stump Farm, WVZ Waitaha Valley, MYKOM Kota Tinggi, MYKOM Kota Tinggi, PUZ Puketiti, MNAI Manna, MNAI Manna, LTZ Lake Taylor, SNZO South Karori, QIZ Qiongzong, QIZ Qiongzong, QIZ Qiongzong, RPZ Rata Peaks, RPZ Rata Peaks, RPZ Rata Peaks, KHZ Kahutara, KHZ Kahutara, KGM Kluang, SSE Sheshan, SSE Sheshan, SSE Sheshan, SSE Sheshan, BFZ Birch Farm, KSJDO Jindo, KSJDO Jindo, WHZ Wether Hill Ro, KSDAG Daegu, KSDAG Daegu, ODZ Oathua Downs, ODZ Oathua Downs, KTHM Kuala Trengganu, KTHM Heuksando, KSHUK Heuksando, KSJEU Jeongeup, KSJEU Jeongeup, KSSAU Sangju.

KSSAJ	Sanguju	45.22 339	P	P	11 16 52.4 +0.6
KSBN	Boeun	45.43 339	P	P	11 16 54.2 +0.7
KSBN	Boeun	45.43 339	P	P	11 16 54.2 +0.7
TJN	Taejon	45.48 338	P	P	11 16 54.0 +0.1
FRIM	Kepong	45.68 280	JP	P	11 16 57.0 +1.1
KSCHJ	Chungju	45.70 339	P	P	11 16 56.1 +0.4
KSCHJ	Chungju	45.70 339	P	P	11 16 56.1 +0.4
NJ2	Nanjing	45.80 327	eP	S	11 16 56.3 -0.2
NJ2			S	PMZ	11 23 34.0 +0.5
NJ2	comp=Z,20nm,0.6s				
NJ2	comp=Z,710nm,17.6s				
NJ2	comp=Z,1um,19.1s				
KSCEA	Cheonan	45.91 338	P	P	11 16 57.7 +0.4
KSCEA	Cheonan	45.91 338	P	P	11 16 57.7 +0.4
KSSES	Seosan	46.18 338	P	P	11 16 59.8 +0.4
KSSES	Seosan	46.18 338	P	P	11 16 59.8 +0.4
KSDGY	Daegwallycong	46.19 340	P	P	11 17 00.1 +0.4
KSR5	Korea Array	46.24 339	P	P	11 16 59.9 0.0
KSR5	comp=Z,7.7nm,0.5s,baz=159,slow=9.0,SNR=60				
KSR5	comp=Z,351nm,21.7s,baz=170,slow=33				
KSAR	Wonju Array Be	46.24 339	P	P	11 16 59.9 0.0
KSAR	Wonju Array Be	46.24 339	P	P	11 16 59.9 0.0
PP1	Padang Panjang	46.31 275	P	P	11 17 00.7 -0.1
KSJMJ	Junjunjin	46.34 341	P	P	11 17 01.1 +0.5
IPM	Ipo	46.51 282	eP	P	11 17 02.3 -0.2
KSCHC	Chuncheon	46.57 340	P	P	11 17 03.3 +0.9
KSJJA	INJE	46.65 340	P	P	11 17 03.5 +0.4
KSJJA	INJE	46.65 340	P	P	11 17 03.5 +0.4
INCN	Inchon	46.73 338	eP	P	11 17 04.3 +0.5
SEHB	SEOHWA	46.86 340	P	P	11 17 05.2 +0.5
SEHB	SEOHWA	46.86 340	P	P	11 17 05.2 +0.5
kscwo	Cheorwon	46.94 339	P	P	11 17 06.4 +1.0
KSGAH	Ganghwa	46.99 338	P	P	11 17 06.4 +0.6
KULM	Kulim	47.05 283	eP	P	11 17 06.3 -0.3
YNCB	YEONCHEON	47.11 339	P	P	11 17 07.3 +0.6
WHN	Wuhan	47.34 321	P	P	11 17 19.0 +1.0
WHN			S	S	11 17 44.8 +3.4
WHN			S	S	11 23 59.0 +3.5
WHN	comp=Z,100nm,1.1s				
CHBT	CHBT	47.54 293	P	P	11 17 10.5 +0.1
SKNT	Sakoln Korn	47.65 299	P	P	11 17 11.2 0.0
PSI	Prapat	48.25 279	eP	P	11 17 15.4 -0.7
PSI	Prapat	48.25 279	eP	P	11 17 15.4 -0.7
KHON	Khomkaen	48.41 298	P	P	11 17 20.4 +3.3
TRTT	Trang	48.57 286	P	P	11 17 18.8 +0.4
NONG	Nongkai	48.83 300	P	P	11 17 20.1 -0.1
SRIT	Nakonsitamara	48.85 286	P	P	11 17 21.0 +0.5
GSI	Gunungsitoli	49.34 277	eP	P	11 17 23.1 -1.2
SLVN	Son La	49.63 304	eP	P	11 17 27.4 +1.0
ASAJ	Asahikawa	49.65 356	P	P	11 17 26.6 +0.6
ASAJ	Asahikawa	49.65 356	eP	P	11 17 27.3 +1.3
PKDT	Phuket	49.89 285	P	P	11 17 28.6 +0.2
TIA	Tai'an	49.91 329	JP	P	11 17 27.8 -0.4
TIA	comp=Z,40nm,0.7s				
TIA	comp=Z,360nm,7.5s				
TIA	comp=Z,580nm,23.2s				
TIA	comp=Z,310nm,15.5s				
GYA	Guiyang	50.07 312	JP	P	11 17 30.3 +0.5
GYA			P	P	11 17 55.8 +3.5
GYA			S	S	11 18 07.0 +4.2
GYA			PP	PP	11 19 27.5 +1.7
GYA			SS	SS	11 22 35.3 -0.5
GYA			e	e	11 24 36.5 +2.2
GYA			S	S	11 25 15.2 +2.6
GYA			SS	SS	11 28 05.8 -3.0
GYA	comp=Z,20nm,0.8s				
GYA	comp=Z,170nm,6.5s				
GYA	comp=Z,240nm,17.4s				
GYA	comp=Z,360nm,18.0s				
PKBT	Sadao Pong	50.14 297	P	P	11 17 31.1 +0.9
LOEI	Loei	50.24 298	P	P	11 17 28.5 -2.5
VLA	Vladivostok	50.30 346	JP	P	11 17 28.4 -2.6
VLA			e	e	11 18 46.1
VLA			e	e	11 19 23.6
VLA			S	S	11 24 33.4 -3.3
ENH	Enshi	50.31 317	eP	P	11 17 31.9 +0.5
LHMI	Lhok Sumawe	50.64 281	eP	P	11 17 34.0 -1.1
UTTA	Uttaradit	50.95 298	P	P	11 17 37.2 +0.8
UTHA	Uthairat	51.13 295	P	P	11 17 38.4 +0.7
USRK	Ussuriysk Ar.	51.30 347	P	P	11 17 38.5 0.0
USRK	comp=Z,9.7nm,0.5s,baz=161,slow=7.6,SNR=38				
USRK	comp=Z,7.2nm,0.5s,baz=155,slow=8.1,SNR=4.6				
USRK			LR	LR	11 38 31.9
SNY	Shenyang	51.66 338	JP	S	11 17 40.5 -0.7
SNY			S	S	11 24 55.0 +0.5
SNY	comp=Z,19nm,2.5s				
SNY	comp=Z,490nm,32.1s				
SNY	comp=Z,480nm,20.4s				
UMPA	Umpang Tak	51.89 296	P	P	11 17 44.0 +0.6
CRAI	Chiangrai	52.11 301	P	P	11 17 41.5 -3.5
MDJ	Mudanjiang	52.28 345	P	P	11 17 46.3 +0.5

MDJ			pP	pP	11 18 07.0 -1.5
MDJ			sP	sP	11 18 18.0 -0.9
MDJ			PP	PP	11 19 45.3 -0.1
MDJ			S	S	11 25 04.0 +0.1
MDJ			SS	SS	11 25 42.3 -0.5
MDJ	comp=Z,15nm,1.1s				
MDJ	comp=Z,370nm,5.6s				
MDJ	comp=Z,340nm,10.9s				
MDJ	comp=Z,110nm,7.1s				
MDJ	comp=Z,380nm,11.5s				
MDJ	comp=Z,6.3nm,0.4s				
KMI	Chiang Mai Arr	52.28 345	eP	P	11 17 45.6 -0.2
KMI	Kunming	52.38 308	P	P	11 17 48.3 +1.1
KMI			pP	pP	11 18 10.3 +0.4
KMI			sP	sP	11 18 20.5 +0.2
KMI			S	S	11 25 07.5 +1.1
KMI			SS	SS	11 25 48.3 +3.0
KMI			SS	SS	11 28 46.3 +0.6
KMI	comp=Z,24nm,1.1s				
KMI	comp=Z,160nm,5.3s				
KMI	comp=Z,210nm,21.4s				
KMI	comp=Z,200nm,19.3s				
KMI	comp=Z,450nm,32.9s				
CM01	Chiang Mai Arr	52.61 298	eP	P	11 17 48.2 -0.5
CM31	Chiang Mai Arr	52.64 298	P	P	11 17 50.2 +1.3
CMAR	Chiang Mai Arr	52.64 298	P	P	11 17 49.8 +0.8
CMAR	comp=Z,18nm,0.6s,baz=118,slow=5.6,SNR=97				
CMAR	comp=Z,93nm,20.7s,baz=126,slow=37				
CN2	Changchun	52.76 341	eP	P	11 17 53.0 +3.7
CN2			eS	eS	11 18 28.0 +5.5
CN2			S	S	11 25 13.0 +2.6
CN2	comp=Z,20nm,0.8s				
CHTO	Chiang Mai	52.78 299	P	P	11 17 50.3 +0.4
CHTO	comp=Z,125nm,1.2s,comp=Z,2um				
CHTO	Chiang Mai	52.78 299	eP	P	11 17 50.4 +0.5
CHTO	comp=Z,19nm,0.8s				
XAN	Xi'an	53.09 321	P	P	11 17 51.5 -0.5
XAN			pP	pP	11 18 15.0 +0.2
XAN			sP	sP	11 18 26.5 +1.3
XAN			PP	PP	11 19 53.8 +0.9
XAN			S	S	11 25 11.3 -4.1
XAN			SS	SS	11 28 50.0 -6.2
XAN	comp=Z,51nm,1.1s				
XAN	comp=Z,160nm,7.6s				
XAN	comp=Z,200nm,17.3s				
XAN	comp=Z,250nm,19.3s				
XAN	comp=Z,340nm,31.5s				
CMAI	Chiangmai	53.12 300	P	P	11 17 53.2 +0.5
BJT	Baijiatuu	53.33 331	eP	P	11 17 53.5 -0.1
BJT	Baijiatuu	53.33 331	eP	P	11 17 53.5 -0.1
BJT	Baijiatuu	53.33 331	eP	P	11 17 53.5 -0.1
BJT	Beijing	53.34 331	P	S	11 17 53.5 -0.2
BJT	Beijing	53.34 331	P	S	11 25 21.5 +3.0
BJI	Bijl		PMZ		
BJI	comp=Z,29nm,1.4s				
BJI	comp=Z,220nm,3.6s				
BJI	comp=Z,530nm,18.6s				
BJI	comp=Z,590nm,23.3s				
BJI	comp=Z,800nm,34.9s				
CD2	Chengdu	54.67 314	P	P	11 18 03.3 -0.3
CD2			pP	pP	11 18 24.8 -1.6
CD2			sP	sP	11 18 35.0 -1.8
CD2			PP	PP	11 20 06.5 -0.6
CD2			SS	SS	11 26 35.5 +0.7
CD2			S	S	11 26 15.0 -0.9
CD2			SS	SS	11 29 23.0 +1.8
CD2	comp=Z,50nm,0.8s				
CD2	comp=Z,290nm,4.8s				
CD2	comp=Z,480nm,16.8s				
CD2	comp=Z,300nm,13.8s				
HABR	Khabarovsk	54.81 351	eP	P	11 18 01.9 -2.3
HABR			e'PP	e'PP	11 18 21.9 -5.1
HABR			e	e	11 18 31.0 -6.4
HABR			e	e	11 20 03.4
HABR			ePPP	ePPP	11 21 16.9
HABR			e'SS	e'SS	11 25 36.5 -1.4
HABR			e'SS	e'SS	11 25 11.1 -6.0
HABR			eSS	eSS	11 27 43.0
HABR			SS	SS	11 29 23.7 -1.0
HABR	comp=N,16nm,0.9s				
HABR	comp=Z,26nm,0.9s				
HABR	comp=E,24nm,1.9s				
HABR	comp=Z,77nm,17.0s				
KLR	Kul'dur	56.13 348	eP	P	11 18 09.2 -4.5
KLR			e	e	11 18 15.5 +0.6
HHC	Hu-ho-hao-te	56.26 329	eP	P	11 18 15.5 +0.6
HHC			pP	pP	11 18 36.8 -1.1
HHC			S	S	11 25 57.8 -0.1
HHC			SS	SS	11 26 32.5 -4.7
HHC	comp=Z,24nm,0.8s				
HHC	comp=Z,240nm,7.0s				
HHC	comp=Z,480nm,18.5s				
HHC	comp=Z,380nm,18.5s				
HHC	comp=Z,420nm,19.0s				
TYV	Tymovskoe	56.37 357	eP	P	11 18 16.2 +0.9
TYV			e	e	11 18 25.8 +1.2
LZH	Lanzhou	57.61 319	JP	P	11 18 25.8 +1.2
LZH			pP	pP	11 18 49.8 +2.1
LZH			sP	sP	11 19 00.5 +2.5
LZH			S	S	11 25 18.0 +2.1
LZH			SS	SS	11 26 55.5 +0.1
LZH			SS	SS	11 30 07.0 -0.7
LZH	comp=Z,35nm,1.2s				
LZH	comp=Z,160nm,7.6s				
LZH	comp=Z,310nm,16.4s				
LZH	comp=Z,180nm,14.7s				
LZH	comp=Z,440nm,16.6s				
NKL	Nikolayevsk	58.77 356	eP	P	11 18 31.0 -1.1
NKL			e	e	11 26 23.0
NKL			e	e	11 26 23.0
NKL	comp=Z,30nm,1.0s				
PETK	Petrovsk	59.29 8	P	P	11 18 36.1 +0.4
PETK	comp=Z,9.5nm,0.8s,baz=176,slow=8.5,SNR=7.3				

PETK			LR	LR	11 40 12.0
HIA	Hailar	59.44 340	eP	P	11 18 36.8 -0.1
HIA			PMZ	PMZ	
HIA	comp=Z,61nm,1.2s				
HIA	comp=Z,61nm,1.2s	59.44 340	eP	P	11 18 36.8 -0.1
DRV	Dumont d'Urville	61.09 183	P	P	11 18 47.0 -0.8
DRV			S	S	11 26 57.0 -2.4
KHU	Kahuku	62.10 65	eP	P	11 18 57.3 +1.5
KHU	Kahuku	62.10 65	eP	P	11 18 57.3 +1.5
GTA	Gaotai	62.15 320	P	P	11 18 56.3 +0.7
GTA			pP	pP	11 19 20.8 +1.9
GTA			sP	sP	11 19 32.0 +2.2
GTA			PcP	PcP	11 19 34.3 -0.6
GTA			S	S	11 27 14.3 +0.4
GTA			SS	SS	11 27 54.3 +0.4
GTA			SS	SS	11 31 20.8 +2.2
GTA	comp=Z,15nm,1.1s				
GTA	comp=Z,220nm,6.4s				
GTA	comp=Z,140nm,16.6s				
GTA	comp=Z,160nm,18.5s				
POHA	Pohaku	62.33 64	eP	P	11 18 59.1 +1.

26d 12h

Table with columns: Station, Name, Time, Az, El, Azimuth, Elevation, Frequency, and other technical details. Includes stations like BBSI, KDI, KNRA, KMSI, LUWI, etc.

2010 SEP

Table with columns: Station, Name, Time, Az, El, Azimuth, Elevation, Frequency, and other technical details. Includes stations like GUMO, ENPP, BUSP, GGP, etc.

1200

Table with columns: Station, Name, Time, Az, El, Azimuth, Elevation, Frequency, and other technical details. Includes stations like RKGY, CBJU, BKNI, etc.

1201

Table with columns for station name, frequency, power, and signal strength. Includes stations like KSWAN Wando, UTTA Uttarakit, KSKOH Goheung, etc.

2010 SEP

Table with columns for station name, frequency, power, and signal strength. Includes stations like KMI comp=Z,910nm,15.7s, KSWJU Wonju, KSSWO Suwon, etc.

26d 12h

Table with columns for station name, frequency, power, and signal strength. Includes stations like BJI comp=Z,2um,25.7s, VLA Vladivostok, MKAZ Moumakai, etc.

Table with columns for station call letters, frequency, and various signal quality indicators (e.g., SNR, SNR=12, SNR=15). Includes stations like Canterbury Las, Black Stump Fm, Raoul Island, Matawai, Kuril'sk, etc.

Table with columns for station call letters, frequency, and various signal quality indicators. Includes stations like Hailar, Polavaram, Chennai Niue, Tymooskoe, Addanki, Srikalahasti, etc.

Table with columns for station call letters, frequency, and various signal quality indicators. Includes stations like Bhopal Chul'man, Diego Garcia H, Diego Garcia H, Diego Garcia H, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes entries like MKAR, PAF, MAKZ, KSH, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes entries like MRIV, PAE, PPT, PPT2, etc.

Table with columns for call sign, frequency, power, and other technical details. Includes entries like ISAD, SII, AKTO, SVW2, etc.

Table with columns for station call letters, frequency, power, mode, and coordinates. Includes stations like MSO Missoula, TPNV Topopah Spring, BAR Barrett, ELK Elko, PFO Pinyon Flat Ob, HLID Halley, R11A Troy Canyon, KECS Kecoovo, MONP Monument Peak, TUQ Turquoise Moun, BELC Belle Mtn. Jos, GMRC Granite Mounta, SWSC Sam W. Stewart, PSZ Piszkesteto, SHPR Sheep Range, NB2 NORRAR Subarrat, NOA NORRAR Array B, BC3 Big Chucakwall, MCMT McKenzie Canyo, DLMT Dillon, LDFC Landfair, IRM Iron Mountain, VYHS Vyhne, OKC Ostrava-Krasne, GLA Glamis, BOZ Bozeman (W), HVU Hansel Valley, Y12C Blythe, MORC Moravsky Berou, DUG Dugway, SPUT South Promonto, CCUT Cedar City, KRLC Kraliky, DPC Dobruska-Polom.

Table with columns for station call letters, frequency, power, mode, and coordinates. Includes stations like YMR Madison River, UPC Upice, TPNV Topopah Spring, BAR Barrett, ELK Elko, PFO Pinyon Flat Ob, HLID Halley, R11A Troy Canyon, KECS Kecoovo, MONP Monument Peak, TUQ Turquoise Moun, BELC Belle Mtn. Jos, GMRC Granite Mounta, SWSC Sam W. Stewart, PSZ Piszkesteto, SHPR Sheep Range, NB2 NORRAR Subarrat, NOA NORRAR Array B, BC3 Big Chucakwall, MCMT McKenzie Canyo, DLMT Dillon, LDFC Landfair, IRM Iron Mountain, VYHS Vyhne, OKC Ostrava-Krasne, GLA Glamis, BOZ Bozeman (W), HVU Hansel Valley, Y12C Blythe, MORC Moravsky Berou, DUG Dugway, SPUT South Promonto, CCUT Cedar City, KRLC Kraliky, DPC Dobruska-Polom.

Table with columns for station call letters, frequency, power, mode, and coordinates. Includes stations like BRG comp=N,1um,16.2s, BRG comp=E,619nm,19.2s, BRG comp=Z,1um,19.2s, BRG Berggiesshubel, TSUM Tsumeb, P17A Butcher Ranch, ARSA Arzberg, BW06 Boulder Array, SCO Scoresbysund, SRU San Rafael, CLL Colim, P18A Preston Nutter, SOKA Soboth, FFC Filin Flon, KHC Kasperske Hory, TANN Tannenbergsund, GEC2 GERES Array S, GERES GERES Array B, GERE Gerles, RLMT Red Lodge, RLMT Red Lodge, TMUT Trail Mountain, GO GO Pecny, Ondr, GPC Gopce, MORC Moravsky Berou, DUG Dugway, SPUT South Promonto, CCUT Cedar City, KRLC Kraliky, DPC Dobruska-Polom.

26d 12h

Table with columns for name, SNR, and other metrics. Includes entries like SMCO Snowmass, D25A Fairfield, RETA Reutte, etc.

2010 SEP

Table with columns for name, SNR, and other metrics. Includes entries like H28A Mission Ridge, T25A Trinidad, SFJD Kangerlussuaq, etc.

1206

Table with columns for name, SNR, and other metrics. Includes entries like MSTX Muleshoe, MSTX Muleshoe, D33A AnnSam, etc.

V31A	baz=122,SNR=9.9	122.16	51	P	PKPdf	12 31 34.6 +0.6
130A	Spring Creek L baz=122,SNR=11	122.21	55	P	PKPdf	12 31 34.5 +0.3
532A	Newby Ranch, P baz=122	122.21	48	P	PKPdf	12 31 34.4 +0.3
W31A	Holland Ranch, baz=122,SNR=12	122.27	51	P	PKPdf	12 31 34.7 +0.5
230A	Sterling City baz=122	122.28	56	P	PKPdf	12 31 33.8 -0.6
C37A	Embarrass baz=122,SNR=7.7	122.28	35	P	PKPdf	12 31 33.1 -0.7
K34A	Le Mars baz=122,SNR=17	122.32	42	P	PKPdf	12 31 33.4 -0.5
033A	Hebron baz=122,SNR=54	122.32	45	P	PKPdf	12 31 33.7 -0.4
EFI	East Falkland	122.33	171		PFAKE LR	12 31 50.0 +1.6
330A	comp=Z,2um,19.0s Mertzton	122.35	56	P	PKPdf	12 31 34.2 -0.3
Y31A	baz=122,SNR=8.2 Rekiela Farm, baz=122,SNR=6.5	122.39	53	P	PKPdf	12 31 34.5 +0.1
L34A	Svendsen Farm, baz=122,SNR=6.0	122.39	43	P	PKPdf	12 31 33.6 -0.7
T32A	Huddler Ranch, baz=122,SNR=5.5	122.40	49	P	PKPdf	12 31 35.0 +0.0
X31A	McDonald Ranch baz=122,SNR=9.3	122.41	52	P	PKPdf	12 31 34.5 0.0
D37A	Cotton baz=122,SNR=19	122.44	36	P	PKPdf	12 31 33.6 -0.5
F36A	Milaca baz=122,SNR=33	122.44	38	P	PKPdf	12 31 33.7 -0.4
M34A	Aspy Farms, Fr baz=122,SNR=26	122.45	43	P	PKPdf	12 31 34.3 0.0
430A	Baggett Ranch, baz=122,SNR=26	122.45	57	P	PKPdf	12 31 35.0 +0.2
I35A	Creekvig Farm baz=122,SNR=9.4	122.48	40	P	PKPdf	12 31 34.1 -0.2
P33A	Williams Farm, baz=122,SNR=18	122.49	46	P	PKPdf	12 31 34.5 0.0
530A	J-C Ranch, Com baz=122,SNR=14	122.53	58	P	PKPdf	12 31 35.0 +0.1
EYMN	Ely baz=122,SNR=15	122.55	35	P	PKPdf	12 31 34.3 0.0
EYMN	Ely	122.55	35		ePKPdf LR	12 31 34.3 0.0
Q33A	comp=Z,3um,20.0s Connelly Farm, baz=122,SNR=19	122.55	47	P	PKPdf	12 31 34.8 +0.2
J35A	Milford baz=122,SNR=7.9	122.56	41	P	PKPdf	12 31 33.9 -0.6
G36A	St. Michael baz=122,SNR=15	122.61	38	P	PKPdf	12 31 34.6 +0.1
U32A	Winter Ranch, baz=123,SNR=7.0	122.61	50	P	PKPdf	12 31 34.8 0.0
131A	Roby baz=123	122.65	54	P	PKPdf	12 31 34.6 -0.4
231A	Sharp Cattle R baz=123,SNR=7.7	122.67	54	P	PKPdf	12 31 34.3 -0.7
R33A	Olander Ranch, baz=123,SNR=16	122.70	47	P	PKPdf	12 31 35.0 +0.1
N34A	Lincoln baz=123,SNR=5.3	122.78	44	P	PKPdf	12 31 34.5 -0.5
C38A	Sawbill Land, baz=123,SNR=7.2	122.80	35	P	PKPdf	12 31 34.0 -0.8
K35A	Storm Lake baz=123,SNR=11	122.83	42	P	PKPdf	12 31 34.3 -0.7
L35A	Bielow Farm, R baz=123,SNR=7.6	122.89	42	P	PKPdf	12 31 35.0 -0.2
034A	Beatrice baz=123,SNR=8.6	122.91	45	P	PKPdf	12 31 34.8 -0.4
231A	Bronte baz=123,SNR=15	122.91	55	P	PKPdf	12 31 35.4 -0.1
T33A	Patterson Ranch baz=123,SNR=16	122.94	49	P	PKPdf	12 31 35.6 +0.2
331A	San Angelo baz=123,SNR=20	122.99	56	P	PKPdf	12 31 34.6 -1.1
431A	Sonora baz=123,SNR=12	123.00	57	P	PKPdf	12 31 35.9 +0.1
Y32A	R-V Farms, Ver baz=123	123.02	53	P	PKPdf	12 31 35.8 +0.1
I36A	Fitzsimmons Fa baz=123,SNR=16	123.03	40	P	PKPdf	12 31 35.3 0.0
P34A	Walnut Farm, R baz=123,SNR=34	123.06	46	P	PKPdf	12 31 35.5 -0.1
M35A	Neola baz=123,SNR=5.1	123.07	43	P	PKPdf	12 31 35.1 -0.4
531A	Rocksprings baz=123,SNR=18	123.19	57	P	PKPdf	12 31 36.2 +0.1
SPMN	St. Paul	123.20	38		ePKPdf LR	12 31 35.6 -0.1
Z32A	comp=Z,3um,21.0s Haskell	123.20	53	P	PKPdf	12 31 35.0 -1.0
Q34A	Chapman baz=123,SNR=41	123.23	46	P	PKPdf	12 31 36.2 +0.3
R34A	Isabella, Hill baz=123,SNR=21	123.24	47	P	PKPdf	12 31 36.1 +0.1
U33A	Lingo Farm, Me baz=123	123.27	49	P	PKPdf	12 31 36.1 0.0
ABTX	Ablene, Hawle baz=123,SNR=5	123.27	54	P	PKPdf	12 31 36.3 +0.1
ABTX	Ablene, Hawle	123.27	54		ePKPdf LR	12 31 36.3 +0.1
WMOK	comp=Z,2um,19.0s Wichita Mouta	123.31	52		ePKIKP MLR	12 31 36.5 +0.3
WMOK	Wichita Mouta	123.31	52		ePKPdf LR	12 31 36.5 +0.3
V33A	comp=Z,2um,19.0s Lasse Ranch, baz=123,SNR=9.2	123.34	50	P	PKPdf	12 31 36.3 +0.1
631A	Perdido Creek baz=123,SNR=15	123.35	58	P	PKPdf	12 31 36.6 +0.2
N35A	Tabor baz=123	123.36	44	P	PKPdf	12 31 36.0 -0.1
KSU1	Kansas State U baz=123,SNR=22	123.39	46	P	PKPdf	12 31 36.3 0.0
KSU1	Kansas State U	123.39	46		ePKPdf LR	12 31 36.0 -0.2
035A	Humboldt baz=123	123.42	44	P	PKPdf	12 31 35.7 -0.6
232A	Coleman baz=123,SNR=19	123.43	55	P	PKPdf	12 31 36.6 0.0
332A	Millersview baz=124,SNR=17	123.56	56	P	PKPdf	12 31 36.9 +0.2
S34A	Willow Spring baz=124,SNR=10	123.56	48	P	PKPdf	12 31 36.5 -0.1
X33A	Lawton baz=124,SNR=7.5	123.60	52	P	PKPdf	12 31 37.2 +0.4
432A	Menard baz=124,SNR=9.7	123.63	56	P	PKPdf	12 31 36.8 -0.2
P35A	Duane Minner baz=124,SNR=26	123.65	45	P	PKPdf	12 31 37.4 -0.3
Y33A	Hilltop Ranch, baz=124,SNR=7.4	123.67	52	P	PKPdf	12 31 37.0 +0.1
U34A	Anderson Ranch baz=124,SNR=12	123.70	49	P	PKPdf	12 31 37.0 +0.1
U34A	Anderson Ranch	123.70	49		ePKPdf LR	12 31 37.6 +0.7
JCT	comp=Z,3um,19.0s Junction City	123.73	57		ePKIKP MLR	12 31 37.3 +0.1
JCT	Junction City	123.73	57		ePKPdf LR	12 31 37.2 0.0
JCT	comp=Z,2um,19.0s Junction City	123.73	57		ePKPdf LR	12 31 37.2 +0.1
532A	comp=Z,2um,19.0s Rocksprings	123.73	57	P	PKPdf	12 31 37.1 -0.1
T34A	McClaskey Farm baz=124,SNR=8.9	123.75	49	P	PKPdf	12 31 37.0 0.0
Z33A	Whitaker Ranch baz=124,SNR=7	123.78	53	P	PKPdf	12 31 37.5 +0.4
133A	Hamilton Ranch baz=124,SNR=8.1	123.86	54	P	PKPdf	12 31 37.7 +0.4
Q35A	Mercer Eighty, baz=124,SNR=20	123.90	46	P	PKPdf	12 31 36.8 -0.4
V34A	Guthrie baz=124,SNR=9.1	123.93	50	P	PKPdf	12 31 37.5 +0.1
V34A	Guthrie	123.93	50		ePKPdf LR	12 31 37.5 +0.1

W34A	Bridge Creek, W34A	123.93	51		ePKPdf LR	12 31 38.1 +0.7
632A	comp=Z,3um,20.0s Uvalde	123.99	58	P	PKPdf	12 31 38.1 +0.5
R35A	Emporia Munci baz=124,SNR=18	123.99	47	P	PKPdf	12 31 37.5 +0.1
732A	Laxson Ranch, baz=124,SNR=11	124.03	59	P	PKPdf	12 31 38.0 +0.3
233A	Rising Star baz=124,SNR=11	124.05	55	P	PKPdf	12 31 38.0 +0.3
X34A	Smith Ranch, M baz=124,SNR=8.0	124.10	51	P	PKPdf	12 31 38.5 +0.8
832A	Gail Ranch, C baz=124,SNR=16	124.13	59	P	PKPdf	12 31 38.6 -1.3
036A	Bolkow baz=124,SNR=5.9	124.14	44	P	PKPdf	12 31 36.2 +0.6
S35A	Otter Creek Ra baz=124,SNR=23	124.15	47	P	PKPdf	12 31 37.7 0.0
333A	Richland Sprin baz=124,SNR=26	124.17	56	P	PKPdf	12 31 37.6 -0.4
P36A	Good Intent, A baz=124,SNR=6.2	124.18	45	P	PKPdf	12 31 37.2 -0.5
433A	Art baz=124,SNR=24	124.24	56	P	PKPdf	12 31 38.0 -0.1
NRS	Narasarsuaq comp=Z,110m,0.9s	124.27	360	i	PKPdf	12 31 37.0 -0.2
NRS	Narasarsuaq	124.27	360		iPKIKP pmax	12 31 37.0 -0.2
Q36A	comp=Z,100m,0.9s Arnold C. Orve baz=124,SNR=19	124.27	46	P	PKPdf	12 31 37.7 -0.2
T35A	Sooner Cattle baz=124,SNR=15	124.30	48	P	PKPdf	12 31 37.9 -0.1
U35A	Pawnee baz=124,SNR=23	124.33	49	P	PKPdf	12 31 38.2 +0.1
Y34A	Reagan Ranch, baz=124,SNR=9.9	124.32	57	P	PKPdf	12 31 38.3 0.0
Z34A	Collier Ranch, baz=124	124.43	53	P	PKPdf	12 31 38.3 -0.1
V35A	Meyer Ranch, C baz=124,SNR=12	124.47	50	P	PKPdf	12 31 38.4 0.0
533A	Kerrville baz=124,SNR=5.4	124.47	57	P	PKPdf	12 31 38.3 -0.3
R36A	Gordon, Harris baz=124,SNR=22	124.50	46	P	PKPdf	12 31 37.8 -0.6
633A	Saathoff Ranch baz=124,SNR=13	124.52	58	P	PKPdf	12 31 38.4 -0.2
134A	White-Moore Pa baz=124,SNR=5.3	124.55	54	P	PKPdf	12 31 38.3 -0.3
733A	Divot King Ran baz=125	124.60	59	P	PKPdf	12 31 38.7 -0.2
833A	Chaparral WMA, baz=125,SNR=8.0	124.61	59	P	PKPdf	12 31 39.0 +0.2
W35A	Teconah baz=125,SNR=19	124.65	51	P	PKPdf	12 31 39.1 +0.3
S36A	Lake Cedric, C baz=125,SNR=5.5	124.67	47	P	PKPdf	12 31 38.6 -0.1
234A	Clairmont baz=125,SNR=13	124.67	55	P	PKPdf	12 31 38.9 +0.1
T36A	Boggs Farm, Ca baz=125,SNR=24	124.71	48	P	PKPdf	12 31 38.8 0.0
334A	Lometa baz=125,SNR=16	124.78	55	P	PKPdf	12 31 39.0 -0.1
933A	Laredo baz=125,SNR=7.5	124.89	60	P	PKPdf	12 31 40.0 +0.6
434A	Burnet baz=125,SNR=20	124.91	56	P	PKPdf	12 31 38.3 -1.1
Y35A	Marietta baz=125	124.95	52	P	PKPdf	12 31 39.4 0.0
534A	Blanco baz=125,SNR=15	124.95	57	P	PKPdf	12 31 38.5 -1.0
Z35A	Perrievan, San baz=125	124.97	53	P	PKPdf	12 31 39.3 -0.1
R37A	Teagarden Farm baz=125,SNR=44	124.99	46	P	PKPdf	12 31 38.5 -0.8
Q37A	Longview Farm, baz=125,SNR=6.1	125.02	45	P	PKPdf	12 31 38.5 -0.8
U36A	Oologah baz=125,SNR=7.0	125.07	49	P	PKPdf	12 31 39.4 -0.1
135A	Vickery Place, baz=125	125.09	54	P	PKPdf	12 31 39.7 0.0
V36A	Jenks baz=125,SNR=28	125.14	49	P	PKPdf	12 31 40.1 +0.5
W36A	Wetumka baz=125,SNR=15	125.16	50	P	PKPdf	12 31 40.1 +0.4
TUL1	Tulsa	125.21	49	P	PKPdf	12 31 40.0 +0.2
TUL1	Tulsa	125.21	49		ePKPdf LR	12 31 39.7 -0.1
S37A	comp=Z,3um,20.0s Fort Scott	125.21	47	P	PKPdf	12 31 39.8 +0.1
WHTX	Lake Whitney baz=125,SNR=8.0	125.22	54	P	PKPdf	12 31 40.5 +0.5
WHTX	Lake Whitney	125.22	54		ePKPdf LR	12 31 40.7 +0.7
634A	China Grove, S baz=125	125.23	58	P	PKPdf	12 31 40.4 +0.4
X36A	Centrahoma baz=125,SNR=7.0	125.26	51	P	PKPdf	12 31 40.5 +0.5
834A	Tilden baz=125	125.38	59	P	PKPdf	12 31 40.7 +0.3
T37A	Cheneyville 18 baz=125,SNR=12	125.40	48	P	PKPdf	12 31 39.4 -0.7
335A	Moody baz=125,SNR=12	125.45	55	P	PKPdf	12 31 40.0 -0.4
435B	Jani baz=125,SNR=5.8	125.48	56	P	PKPdf	12 31 39.2 -1.2
034A	Hebronville baz=126,SNR=9.2	125.53	60	P	PKPdf	12 31 41.2 +0.5
U37A	Salina baz=126,SNR=11	125.53	48	P	PKPdf	12 31 40.5 +0.1
Y36A	Durant baz=126,SNR=10	125				

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like Karanay, Uncukul, and various other codes.

JMA 26 12:51:51.7±0.5,24.58N×127.71E,h56km,M2.6, Southeast of Ryukyu Islands

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like Tamaagusuku 2, Kamejima 2, Nagotoyohara, etc.

ISCJB 26 13:01:50.0±0.4,18.37S±0.08±178.09W±0.07,h400km, mb3.9/14, Error ellipse: s-maj=11.7km s-min=7.4km az=147.0

ISC 26 13:01:51.3±1.9,18.39S±178.11W,h402km,19km, mb3.6/15, mb1.3/9.16, mb1mx3.7/23, mbtmp4.3/16, Error ellipse: s-maj=16.4km s-min=11.2km az=100.0

AUST 26 13:01:52.0±1.7,0.18±18.5S±178.47W,h363km,1km, Error ellipse: s-maj=5.1km s-min=2.2km az=254.0

ISC 26 13:01:50.9±0.4,18.29S±182.09W±0.08,h400km, n46.±f152/51,mb3.8/14,Fiji Islands region

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like Afiamalu, Niue, Urewera, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like Meekatharra, Vanda, MJAR, etc.

ISCJB 26 13:31:30.1±0.4,23.75N±0.03±122.51E±0.02,h17km,4km, Yon on ellipse: s-maj=4.5km s-min=2.4km az=163.0

JAP 26 13:31:30.4±0.1,23.82N±122.45E,h25km,M2.4

TAP 26 13:31:31.4±2.3±78N±122.35E,h9km,ML2.8,D, ISC 26 13:31:29.0±1.1,23.75N±0.03±122.50E±0.02,h14km,9km, n35.±f53/70,Taiwan region

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like Yonagunijimaku, Yonaguni jima, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like Ishigaki jima, Tsauling, etc.

IDC 26 13:31:53.5±2.3,1.45N±126.55E,h0km,mb3.2/3, mb1.3/4.3, mb1mx3.2/38, mbtmp3.2/3, Error ellipse: s-maj=184.7km s-min=28.2km az=66.0, Northern Mariana Islands

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

IDC 26 13:53:50.8±0.9,14.36S±167.98E,h0km,mb4.1/13, mb1.4/2.14, mb1mx4.2/24, mbtmp4.1/14,ML4.0/1,MS3.8/2, M3.1 3.2/ms1mx3.2/22, Error ellipse: s-maj=28.1km s-min=18.5km az=109.0

ISCJB 26 13:53:53.8±0.7,14.36S±167.9E±0.1,h30km, mb4.1/15,MS3.8/2, Error ellipse: s-maj=16.5km s-min=8.2km az=7.5

NEIC 26 13:53:56.2±0.5,14.34S±167.93E,h35km,mb4.2/3, Error ellipse: s-maj=14.0km s-min=10.1km az=109.0

AUST 26 13:54:49.8,14.94S±165.89E,h450km, ISC 26 13:53:55.0±0.8,14.30S±165.09E±0.02,h30km,n28, ±f12/27,mb4.0/14,Vanuatu Islands

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like Mont Dzumac, Charters Tower, etc.

KMA 26 13:58:58.0,38.00N±128.80E,h4km, South Korea

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like Jumsunjin, Daegwallyong, etc.

26d 17h

YNCB YEONCHEON 1.48 272 P Pn 13 59 25.4 0.0

IDC 26 14:17:42.1±5.5,29.02S;178.49W,h0km,mb3.5/2, mb1 3.8/2,mb1mx3.5/18,mbtmp3.5/2, Error ellipse: s-maj=238.7km s-min=86.4km az=164.0, Kermadec Islands

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC

ASAR Alice Springs 42.77 266 P P 14 25 41.4 -0.4

WRA Warramunga Arr 43.64 271 P P 14 25 48.8 +0.1

FINES FINES Array B 143.71 340 PKP PKPdf 14 37 17.7 -0.8

ISCJB 26 14:31:21.9±0.6,25.84N;0.09±0.37E;0.08,h95km, mb3.5/9, Error ellipse: s-maj=12.6km s-min=9.8km az=13.3

IDC 26 14:31:23.2±0.8,25.87N;95.47E,h93km,7km,mb3.3/9, mb1 3.6/10,mb1mx3.4/4,mbtmp3.7/10, Error ellipse: s-maj=35.6km s-min=13.0km az=62.0

ISC 26 14:31:23.4±0.7,25.9N;0.1±95.36E;0.09,h95km,n11, ±0.80/16,mb3.5/9,Myanmar-India border region

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC

SHL Shillong 3.15 265 Op Pn 14 32 11.5 +0.3

CMAR Chiang Mai Arr 8.09 155 P P 14 33 19.1 +1.0

MKAR Makanchi Array 23.32 337 P P 14 36 24.6 +1.5

SOMM Songoing Array 23.58 19 P P 14 36 25.7 +0.1

SOMN 0.8nm,0.7s,baz=206,slow=6.9,SNR=2.7 14 36 44.3 -1.2

KURBB Kurchatov Arr 27.89 337 P P 14 37 04.7 +0.5

KURBB 0.1nm,0.2s,baz=151,slow=9.3,SNR=2.5 14 37 25.9 +0.4

ZALV Zalesovo Beam 15.12 347 P P 14 37 15.1 +0.1

FINES FINES Array B 57.74 328 P P 14 41 04.2 +0.2

WRA Warramunga Arr 59.22 136 P P 14 41 14.1 -0.8

ASAR Alice Springs 61.78 140 P P 14 41 31.9 -0.4

ASAR 0.4nm,0.6s,baz=321,slow=6.5,SNR=2.6 14 41 55.1 -0.9

NOA NORSAR Array B 64.92 328 P P 14 41 52.9 +0.3

TORD Torodi Ar, Be 87.59 283 P P 14 44 01.7 +0.2

TORD 0.1nm,0.5s,baz=89,slow=2.8,SNR=3.3 14 44 26.3 -0.3

ISCJB 26 14:39:28.0±0.9,51.40N;0.04±16.07E;0.04,h0km, Error ellipse: s-maj=6.1km s-min=3.4km az=18.4

CSEM 26 14:39:28.0±0.4,51.42N;16.10E,h2km,ML3.0/8, Error ellipse: s-maj=7.0km s-min=4.0km az=6.0

ISC 26 14:39:29.3±1.1,51.41N;0.06±16.11E;0.03,h0km,n30, ±0.63/57, Poland

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC

KSP Ksiaz 0.58 168 ePg Pn 14 39 43.1 -0.9

KSP Ksiaz 0.58 168 ePg Pn 14 39 49.8 -1.1

KSP Ksiaz 0.58 168 ePg Pn 14 39 49.8 -1.1

UPC Upiac 0.90 184 ePg Pn 14 39 58.4 +0.2

UPC comp=Z,24nm,0.2s 14 39 58.4 +0.2

DPC Dobruska-Polom 1.07 172 ePg Pn 14 39 49.9 +0.3

DPC 2.9nm,0.3s 14 40 03.8 +0.4

DPC Dobruska-Polom 1.07 172 Pn 14 39 49.9 +0.3

DPC 9.6nm,0.3s 14 40 03.8 +0.4

PVCC Panska Ves 1.31 228 ePg Pn 14 39 54.6 -0.2

PVCC comp=Z,9nm,0.3s 14 40 12.1 +0.1

PVCC Panska Ves 1.31 228 Pn 14 39 54.6 -0.2

PVCC 2.9nm,0.2s 14 40 12.1 +0.1

KRLC Kraliky 1.40 162 ePg Pn 14 39 55.9 -0.2

KRLC Kraliky 1.40 162 ePg Pn 14 40 15.3 +0.3

KRLC Kraliky 1.40 162 Pn 14 39 55.9 -0.2

BRG Berggiesshubb 1.46 249 Pn 14 40 16.9 +0.2

BRG 27nm,0.3s 14 40 16.9 +0.2

PRA Prague 1.71 219 ePg Pn 14 40 01.6 +0.1

PRA comp=Z,5.8nm,0.3s 14 40 24.4 +0.3

PRA Prague 1.71 219 Pn 14 40 01.6 +0.1

PRA 5.8nm,0.3s 14 40 24.4 +0.3

GOPC GO Peeny, Ondr 1.71 210 ePN Pn 14 40 01.5 -0.3

GOPC 2.9nm,0.3s 14 40 24.0 +0.3

GOPC GO Peeny, Ondr 1.71 210 Pn 14 40 01.5 -0.3

GOPC 5.9nm,0.2s 14 40 24.0 +0.3

PRU Pruhonice 1.73 216 ePN Pn 14 40 02.2 -0.4

PRU comp=Z,8.3nm,0.3s 14 40 29.0 -0.3

PRU Moravsky Berou 1.87 150 ePN Pn 14 40 02.0 -0.5

MORC 6.4nm,0.3s 14 40 04.0 +0.5

CLL Collim 1.95 268 ePg Pn 14 40 31.0 -0.8

CLL 14 40 31.0 -0.8

OKC Ostrava-Krasne 2.04 140 ePN Pn 14 40 04.2 -0.6

OKC 2.04 140 Pn 14 40 07.9 +0.2

OKC 6.4nm,0.3s 14 40 34.7 0.0

OKC Ostrava-Krasne 2.04 140 Pn 14 40 04.2 -0.6

OKC Ostrava-Krasne 2.04 140 Pn 14 40 07.9 +0.2

OKC 6.4nm,0.3s 14 40 34.7 0.0

VRAC Vranov 2.12 171 ePN Pn 14 40 06.9 +0.9

VRAC 14 40 37.2 -0.2

KHC Kasperske Hory 2.79 216 ePN Pn 14 40 15.3 0.0

KHC 14 40 20.9 +0.8

KHC 14 40 48.8 -0.9

KHC 14 40 59.0 0.0

KHC Kasperske Hory 2.79 216 Pn 14 40 15.3 0.0

LANS Liptovska Anna 3.12 135 ePg Sb 14 41 06.2 +1.9

LANS 3.12 135 ePg Sb 14 41 06.2 +1.9

VYHS Vyhne 3.41 148 ePg Sb 14 41 17.4 -1.2

VYHS 3.41 148 ePg Sb 14 41 17.4 -1.2

ATH 26 15:07:17.5,37.91N;27.17E,h3km,MD2.9/4

ISCJB 26 15:07:18.0±0.4,37.92N;0.02±27.11E;0.03,h4km,5km, Error ellipse: s-maj=4.2km s-min=3.5km az=149.9

DDA 26 15:07:18.1,37.94N;27.10E,h7km,MD2.8

CSEM 26 15:07:18.3±0.1,37.93N;27.11E,h5km,MD2.8, Error ellipse: s-maj=2.9km s-min=2.6km az=65.0

ISK 26 15:07:18.4,37.93N;27.17E,h8km,MD2.7

ISC 26 15:07:18.2±0.9,37.92N;0.02±27.15E;0.02,h10km,9km, n40,±0.52/61, Turkey

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC

GCAM G?zelcam?l? 0.23 163 iS Pn 15 07 26.5 +0.3

GCAM G?zelcam?l? 0.23 163 iS Pn 15 07 26.5 +0.3

GCAM G?zelcam?l? 0.23 163 iS Pn 15 07 26.5 +0.3

GCAM G?zelcam?l? 0.23 163 iS Pn 15 07 26.5 +0.3

SMG Samos 0.33 229 ePg Pn 15 07 24.2 -0.5

SMG 15 07 28.6 -0.5

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SMG Samos 0.33 229 ePg Pn 15 07 24.2 -0.5

SMG 15 07 28.6 -0.5

IZM Izmir 0.48 11 ePg Pn 15 07 35.2 -0.3

IZM 15 07 38.2 +0.3

AYDB Zeytinkoy-Aydi 0.59 87 ePg Pn 15 07 30.5 -0.2

AYDB 15 07 38.3 -0.9

AYDB Zeytinkoy-Aydi 0.59 87 ePg Pn 15 07 30.5 -0.2

AYDB 15 07 38.3 -0.9

URLA Izmir 0.62 315 iS Pn 15 07 29.9 -0.3

URLA 15 07 29.9 -0.3

URLA Izmir 0.62 315 iS Pn 15 07 29.9 -0.3

URLA 15 07 29.9 -0.3

URLA Tasoluk 0.64 114 iS Pn 15 07 32.7 -0.7

URLA 15 07 32.7 -0.7

AYDN Tasoluk 0.64 114 iS Pn 15 07 32.7 -0.7

AYDN 15 07 32.7 -0.7

BODT Bodrum 0.87 171 ePg Pn 15 07 35.8 +0.3

BODT 15 07 35.8 +0.3

BODR Bodrum 0.87 171 ePg Pn 15 07 35.8 +0.3

BODR 15 07 35.8 +0.3

BDRM Kayabasi 0.89 165 iS Pn 15 07 35.4 +0.1

BDRM 15 07 35.4 +0.1

BDRM Kayabasi 0.89 165 iS Pn 15 07 35.4 +0.1

BDRM 15 07 35.4 +0.1

CHOS Chios island 0.98 299 ePg Pn 15 07 37.9 +0.6

CHOS 15 07 37.9 +0.6

CHOS Chios island 0.98 299 ePg Pn 15 07 37.9 +0.6

CHOS 15 07 37.9 +0.6

CHOS Chios island 0.98 299 ePg Pn 15 07 37.9 +0.6

CHOS 15 07 37.9 +0.6

AKHS Akhisar 1.09 28 iS Pn 15 07 53.8 +0.4

AKHS 15 07 53.8 +0.4

AKHS Akhisar 1.09 28 iS Pn 15 07 53.8 +0.4

AKHS 15 07 53.8 +0.4

AKS Akhisar 1.09 28 ePg Pn 15 07 39.2 0.0

AKS 15 07 39.2 0.0

AKS Akhisar 1.09 28 ePg Pn 15 07 39.2 0.0

AKS 15 07 39.2 0.0

DKL Dikili 1.16 351 ePN Pn 15 07 40.8 +0.2

DKL 15 07 40.8 +0.2

DKL Dikili 1.16 351 ePN Pn 15 07 40.8 +0.2

DKL 15 07 40.8 +0.2

YER Yerkesik 1.20 131 ePN Pn 15 07 41.2 +0.2

YER 15 07 41.2 +0.2

YER Yerkesik 1.20 131 ePN Pn 15 07 41.2 +0.2

YER 15 07 41.2 +0.2

MANT Manisa 1.25 63 iS Pn 15 07 58.0 -0.2

MANT 15 07 58.0 -0.2

MANT Manisa 1.25 63 iS Pn 15 07 58.0 -0.2

MANT 15 07 58.0 -0.2

MANT Manisa 1.25 63 iS Pn 15 07 58.0 -0.2

MANT 15 07 58.0 -0.2

KULA Kula-Manisa 1.33 63 ePN Pn 15 07 43.9 +0.1

KULA 15 07 43.9 +0.1

KULA Kula-Manisa 1.33 63 ePN Pn 15 07 43.9 +0.1

KULA 15 07 43.9 +0.1

PRK Paraseki 1.49 333 ePg Pn 15 07 45.6 +0.5

PRK 15 07 45.6 +0.5

PRK Paraseki 1.49 333 ePg Pn 15 07 45.6 +0.5

PRK 15 07 45.6 +0.5

APE Apeiranthos 1.54 237 ePN Pn 15 07 46.9 +1.0

APE 15 07 46.9 +1.0

APE Apeiranthos 1.54 237 ePN Pn 15 07 46.9 +1.0

APE 15 07 46.9 +1.0

SIGR Sigiri 1.64 322 ePg Pn 15 07 48.4 -0.1

SIGR 15 07 48.4 -0.1

SIGR Sigiri 1.64 322 ePg Pn 15 07 48.4 -0.1

SIGR 15 07 48.4 -0.1

DEM1 Demirci 1.66 47 iS Pn 15 07 49.7 -0.4

DEM1 15 07 49.7 -0.4

DEM1 Demirci 1.66 47 iS Pn 15 07 49.7 -0.4

DEM1 15 07 49.7 -0.4

KHAL Karahalli 1.90 76 iS Pn 15 07 54.8 +0.1

KHAL 15 08 20.5 +1.2

KHAL Karahalli 1.90 76 iS Pn 15 07 54.8 +0.1

KHAL 15 08 20.5 +1.2

IDC 26 16:19:08.3±2.3,8.17S;-118.22E,h0km,mb3.5/2, mb1 3.7/5,mb1mx3.4/35,mbtmp3.5/5,ML3.2/3, Error ellipse: s-maj=59.1km s-min=22.3km az=73.0, Sumbawa region

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC

KAPI Kappang 3.48 26 Pn Pn 16 20 03.6 -0.2

KAPI 1.7nm,0.3s,baz=231,slow=6.5,SNR=3.4 16 20 47.2 +1.5

FITZ Fitzroy Crossi 12.23 145 Pn Pn 16 22 03.7 -0.2

FITZ 0.1nm,0.3s,baz=325,slow=10.1,SNR=6.8 16 24 15.0 -6.1

WRA Warramunga Arr 19.51 129 P P 16 23 37.4 -0.1

ASAR Alice Springs 21.53 132 P P 16 23 59.5 +0.2

ASAR 1.4nm,1.0s,baz=314,slow=8.3,SNR=16 16 28 53.9 -0.1

WEL 26 16:27:59.7±0.1,43.60S;172.42E,h8km,ML3.5/12,3C-4D, Error ellipse: s-maj=0.6km s-min=0.5km az=90.0, South Island

Code Station Name Δ° AZ° Phase ID Time Res h m s ISC

CR LZ Canterbury Las 0.15 81 iS Pn 16 28 03.1 +0.2

CR LZ 16 28 07.4 -0.3

CR LZ Canterbury Las 0.15 81 iS Pn 16 28 03.1 +0.2

CR LZ 16 28 07.4 -0.3

MOZ McQueen's Vall 0.20 122 iS Pn 16 28 03.8 0.0

MOZ 16 28 06.5 -0.2

MOZ McQueen's Vall 0.20 122 iS Pn 16 28 03.8 0.0

MOZ 16 28 06.5 -0.2

OXF Oxford 0.39 315 iS Pn 16 28 07.2 -0.2

OXF 16 28 12.7 +0.2

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like FINES, NCK, KBZ, KBC, KECS, KECVO, LIPTOVSKA ANNA, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like MSU, GMR, KECS, LIPTOVSKA ANNA, A29A, 109C, PFO, etc.

Table with columns: Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like Z30A, 129A, Y31A, Z31A, Z32A, TXAR, etc.

ISCJB 26:17:56:00.4, 1.2, 48:7N, 0.2:150:4E, 0.2, h300km, m3.4/10, Error ellipse: s-maj=31.0km s-min=12.8km az=149.4

IDC 26:17:56:02.7, 2.3, 48:65N, 150:39E, h314km, 24km, m3.4/10, m1.3/4.13, mb1mx3.2/5.3, mbtmp4.0/13, Error ellipse: s-maj=30.5km s-min=12.8km az=150.0

ISC 26:17:56:01.3, 1.4, 48:6N, 0.2:150:5E, 0.2, h300km, n13, o584/13, m3.6/10, Northwest of Kuril Islands

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like PETK, YAK, KSR, ILAR, INK, MKAR, YKA, CMAR, ARCES, FINES, NOA, SCHQ, EKA.

DJA 26:17:56:40.0, 0.2, 8'S, 2', 12'8E, h10km, M4.6/24, m3.4/10, m5.2/4, M4.6/19, M4.6/19, Error ellipse: s-maj=5.4km s-min=0.78km az=277.0

AUST 26:17:56:43.0, 0.0, 0.78S, 128:23E, h140km, Error ellipse: s-maj=1.0km s-min=0.58km az=277.0

IDC 26:17:56:43.5, 5.1, 7.71S, 128:12E, h168km, 60km, m3.3/4, m1.3/8, mb1mx3.4/36, mbtmp4.2/8, Error ellipse: s-maj=52.1km s-min=21.7km az=40.0

ISC 26:17:56:42.8, 0.7, 7.71S, 0.06:128:13E, 0.06, h150km, n44, o178/38, m3.6/4, Banda Sea

Table with columns: Code, Station Name, Frequency, Power, Azimuth, Elevation, and other parameters. Includes stations like SAUI, BNDI, SOEI, SOEI, MSAI, NLA, BATI, BATI, MTN, MMRI, BBSI, SANI, FAKI, FAKI, EDFI, KDU, KDI, LBMI, LBMI, SWI, SWI, BSSI, BASI, WSI, BKS, TNTI, LUWI, RKPI, SPSI, FITZ, FITZ, WRA.

1219

Table with columns: ID, Name, Frequency, Power, Modulation, SNR, etc. Includes entries like C31A Landman Farms, WUAZ Wupatki, HSPB Hornsund, etc.

2010 SEP

Table with columns: ID, Name, Frequency, Power, Modulation, SNR, etc. Includes entries like SSLB Suanglung, XAN Xi'an, ZALV Zalesovo Beam, etc.

26d 18h

Table with columns: ID, Name, Frequency, Power, Modulation, SNR, etc. Includes entries like F36A Milaca, P29A Atwood, L32A Elgin, etc.

1221

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like 334A Lometa, MOR MOR, ARU Arti, etc.

2010 SEP

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like 933A Laredo, ACSO Alum Creek Sta, ACSO, etc.

26d 18h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like HYA Hoyanger, NC602 NORSTAR Array S, SUE Sulen, etc.

26d 18h

Table with columns: Call Sign, Frequency, Power, Mode, and Name. Includes stations like FITZ, ULC, KAVA, VAY, SRS, etc.

2010 SEP

Table with columns: Call Sign, Frequency, Power, Mode, and Name. Includes stations like MTE, PDO, KALE, KAL, etc.

1224

Table with columns: Call Sign, Frequency, Power, Mode, and Name. Includes stations like FDF, ROSO, GRGR, OTAV, TAM, etc.

Summary table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, and ISC. Includes GUC 26 18:34:29.70, MACH Maria Elena, etc.

Table with columns: Name, Time, Az, El, Az', El', Res, h, m, s, Res, h, m, s. Includes stations like OMAH, WMGZ, HAZ, etc.

Table with columns: Name, Time, Az, El, Az', El', Res, h, m, s, Res, h, m, s. Includes stations like VNUA, KAKAO, MTN, etc.

Table with columns: Name, Time, Az, El, Az', El', Res, h, m, s, Res, h, m, s. Includes stations like DBIC, BUR0, UPC, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other technical details. Includes stations like SKIA, GOURA, PAIG, SOH, THAL, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other technical details. Includes stations like VTS, BAI, VLI, VLI, VLI, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other technical details. Includes stations like BRTR, GERES, DAVOX, ESDC, HFS, etc.

27d Oh

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like K34A George, K35A Storm Lake, ECSD EROS Data Cent, etc.

2010 SEP

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like K29A Lazy Trails An, P35A Duane Minner, H26A Fairpoint, etc.

1234

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

P18A	Preston Nutter	51.20 285 eP	P	P	00 17 49.2 +0.4
P18A	Preston Nutter	51.20 285 eP	P	P	00 17 49.2 +0.4
131A	Roby	51.21 271 P	P	P	00 17 48.6 0.0
MFID	Camas Ranch	51.26 292 eP	P	P	00 17 49.5 +0.5
MFID	Camas Ranch	51.26 292 eP	P	P	00 19 05.0 +1.1
MFID	Camas Ranch	51.26 292 eP	P	P	00 19 05.0 +1.1
MTDJ	Mount Denham	51.31 239 PFAKE	LR	LR	00 18 00.0 +1.0
BRBR	Barba	51.34 87 P	P	P	00 17 49.5 -0.3
232A	Coleman	51.42 270 P	P	P	00 17 50.0 -0.3
O16A	Springville	51.42 286 eP	P	P	00 17 56.9 +6.6
QASN	Qassioun	51.42 87 eP	P	P	00 17 48.4 -1.9
G08A	Pilot Rock	51.43 296 eP	P	P	00 17 52.5 +2.3
G08A	Pilot Rock	51.43 296 eP	P	P	00 17 52.5 +2.3
PV01	Paradox Valley	51.44 282 eP	P	P	00 17 51.1 +0.6
PV01	Paradox Valley	51.44 282 eP	P	P	00 17 51.1 +0.6
536A	Bastrop	51.45 266 P	P	P	00 17 50.4 0.0
Z29A	Hungry Hill Ra	51.47 273 P	P	P	00 17 50.2 -0.5
ROOS	Il alroos	51.48 85 eP	P	P	00 17 53.0 +2.3
MSTX	Muleshoe	51.50 274 P	P	P	00 17 50.7 -0.2
MSTX	Muleshoe	51.50 274 P	P	P	00 17 51.5 +0.6
MSTX	Muleshoe	51.50 274 P	P	P	00 17 51.5 +0.6
PV10	Paradox Valley	51.50 283 eP	P	P	00 17 52.9 +1.9
PV10	Paradox Valley	51.50 283 eP	P	P	00 17 52.9 +1.9
333A	Richland Sprin	51.50 269 P	P	P	00 17 50.4 -0.5
434A	Burnet	51.52 268 P	P	P	00 17 49.9 -1.0
P17A	Butcher Ranch,	51.57 285 eP	P	P	00 17 52.6 +1.2
P17A	Butcher Ranch,	51.57 285 eP	P	P	00 17 52.6 +1.2
130A	Snyder	51.58 272 P	P	P	00 17 51.4 0.0
TOAO	Torodi Ar. Sit	51.60 135 eP	P	P	00 17 49.6 -2.0
TOAO	Torodi Ar. Sit	51.60 135 eP	P	P	00 17 49.6 -2.0
TORD	Torodi Ar. Bea	51.60 135 eP	P	P	00 17 49.6 -2.0
TORD	Torodi Ar. Bea	51.60 135 eP	P	P	00 17 49.6 -2.0
TOTH	TOTAH	51.63 87 eP	P	P	00 17 50.5 -1.4
AB31	Akbulak array	51.67 57 i P	P	P	00 17 51.8 0.0
AB31	Akbulak array	51.67 57 i P	P	P	00 17 51.8 0.0
ABKAR	Akbulak array	51.67 57 eP	P	P	00 17 52.0 +0.2
ABKAR	Akbulak array	51.67 57 eP	P	P	00 17 52.0 +0.2
BGU	Big Grassy Mou	51.67 288 eP	P	P	00 17 53.2 +1.0
BGU	Big Grassy Mou	51.67 288 eP	P	P	00 17 53.2 +1.0
RC01	Rabbit Creek A	51.71 326 eP	P	P	00 17 54.8 +2.8
RC01	Rabbit Creek A	51.71 326 eP	P	P	00 17 54.8 +2.8
RC01	Rabbit Creek A	51.71 326 eP	P	P	00 17 54.8 +2.8
SRU	San Rafael	51.73 285 eP	P	P	00 17 54.1 +1.5
SRU	San Rafael	51.73 285 eP	P	P	00 17 54.1 +1.5
SRU	San Rafael	51.73 285 eP	P	P	00 17 54.1 +1.5
SRU	San Rafael	51.73 285 eP	P	P	00 17 54.1 +1.5
231A	Bronte	51.74 271 P	P	P	00 17 52.6 0.0
PV05	Paradox Valley	51.75 283 eP	P	P	00 17 53.0 +0.1
PV05	Paradox Valley	51.75 283 eP	P	P	00 17 53.0 +0.1
Z28A	Tucker Farm, M	51.81 273 P	P	P	00 17 53.2 +0.8
332A	Millersview	51.86 270 P	P	P	00 17 53.5 0.0
NLU	North Lily Min	51.90 286 eP	P	P	00 17 55.5 +1.5
NLU	North Lily Min	51.90 286 eP	P	P	00 17 55.5 +1.5
TCHB	Talchebab	51.92 88 eP	P	P	00 17 55.3 -0.4
TMUT	Trail Mountain	51.95 285 eP	P	P	00 17 55.2 +0.8
TMUT	Trail Mountain	51.95 285 eP	P	P	00 17 55.2 +0.8
433A	Art	52.00 269 P	P	P	00 17 53.5 -1.0
129A	Stewart Farms,	52.04 272 P	P	P	00 17 55.2 +0.3
MVCO	Mesa Verde	52.09 281 P	P	P	00 17 55.5 +0.1
MVCO	Mesa Verde	52.09 281 eP	P	P	00 17 56.6 +1.2
MVCO	Mesa Verde	52.09 281 eP	P	P	00 17 56.6 +1.2
MVCO	Mesa Verde	52.09 281 eP	P	P	00 17 56.6 +1.2
DUG	Dugway	52.10 287 eP	P	P	00 17 57.3 +1.9
DUG	Dugway	52.10 287 eP	P	P	00 17 57.3 +1.9
DUG	Dugway	52.10 287 eP	P	P	00 17 57.3 +1.9
DUG	Dugway	52.10 287 eP	P	P	00 17 57.3 +1.9
230A	Stirling City	52.21 271 P	P	P	00 17 55.8 -0.3
NLWA	Neilton Lookou	52.21 301 PFAKE	LR	LR	00 18 10.0 +1.4
NLWA	Neilton Lookou	52.21 301 PFAKE	LR	LR	00 18 10.0 +1.4
534A	Bianco	52.24 267 P	P	P	00 17 55.3 -1.0
432A	Menard	52.29 269 P	P	P	00 17 56.5 -0.2
331A	San Angelo	52.29 270 P	P	P	00 17 56.7 0.0
SALA	Sala	52.30 87 eP	P	P	00 17 52.4 -4.5
SPU	Mount Spurr	52.31 328 eP	P	P	00 17 57.4 +0.9
SPU	Mount Spurr	52.31 328 eP	P	P	00 17 57.4 +0.9
736A	Circle Diamond	52.33 265 P	P	P	00 17 55.8 -1.2
128A	Castleberry Fa	52.38 273 P	P	P	00 17 56.8 -0.6
ZALF	Zalf	52.46 86 eP	P	P	00 17 57.6 -0.3
533A	Kerrville	52.51 268 P	P	P	00 17 57.8 -0.6
229A	Bryant Ranch,	52.52 272 P	P	P	00 17 57.9 -0.6
I07A	Izee	52.58 295 eP	P	P	00 18 02.4 +3.6
I07A	Izee	52.58 295 eP	P	P	00 18 02.4 +3.6
JCT	Junction City	52.60 269 eP	P	P	00 17 58.8 -0.2
JCT	Junction City	52.60 269 eP	P	P	00 17 58.8 -0.2
JCT	Junction City	52.60 269 eP	P	P	00 17 58.8 -0.2
JCT	Junction City	52.60 269 eP	P	P	00 17 58.8 -0.2
J08A	Circle Bar Ran	52.61 294 eP	P	P	00 17 59.3 +0.3
J08A	Circle Bar Ran	52.61 294 eP	P	P	00 17 59.3 +0.3
J08A	Circle Bar Ran	52.61 294 eP	P	P	00 17 59.3 +0.3
J08A	Circle Bar Ran	52.61 294 eP	P	P	00 17 59.3 +0.3
330A	Mertzon	52.62 271 P	P	P	00 17 58.3 -0.9
ANMO	Albuquerque	52.72 278 eP	P	P	00 18 01.2 +1.1
ANMO	Albuquerque	52.72 278 eP	P	P	00 18 01.2 +1.1

ANMO	Albuquerque	52.72 278 eP	P	P	00 18 01.6 +1.6
ANMO	Albuquerque	52.72 278 eP	P	P	00 18 01.6 +1.6
ANMO	Albuquerque	52.72 278 eP	P	P	00 18 01.6 +1.6
431A	Sonora	52.87 270 P	P	P	00 18 00.3 -0.7
532A	Rocksprings	52.93 269 P	P	P	00 18 00.5 -0.9
ELK	Elko	52.93 289 eP	P	P	00 18 03.3 +1.7
ELK	Elko	52.93 289 eP	P	P	00 18 03.3 +1.7
ELK	Elko	52.93 289 eP	P	P	00 18 03.3 +1.7
329A	Wagon Wheel Ra	52.98 272 P	P	P	00 18 01.1 -0.8
MSU	Marysvale	53.03 285 eP	P	P	00 18 03.0 +0.6
MSU	Marysvale	53.03 285 eP	P	P	00 18 03.0 +0.6
MSU	Marysvale	53.03 285 eP	P	P	00 18 03.0 +0.6
633A	Saathoff Ranch	53.06 268 P	P	P	00 18 01.7 -0.7
430A	Baggett Ranch,	53.13 270 P	P	P	00 18 02.4 -0.5
BRVK	Borovoye	53.20 47 i P	P	P	00 18 03.0 -0.1
BRVK	Borovoye	53.20 47 i P	P	P	00 18 03.0 -0.1
BRVK	Borovoye	53.20 47 P	P	P	00 18 03.5 +0.4
BRVK	Borovoye	53.20 47 P	P	P	00 18 04.8 +1.8
BRVK	Borovoye	53.20 47 eP	P	P	00 18 03.2 +0.1
BRVK	Borovoye	53.20 47 eP	P	P	00 18 03.2 +0.1
BRVK	Borovoye	53.20 47 eP	P	P	00 18 03.2 +0.1
BRVK	Borovoye	53.20 47 eP	P	P	00 18 03.2 +0.1
531A	Rocksprings	53.24 269 P	P	P	00 18 03.2 -0.6
BVAO	Borovoye Array	53.26 47 i P	P	P	00 18 03.2 -0.4
BVAO	Borovoye Array	53.26 47 i P	P	P	00 18 03.2 -0.4
632A	Uvalde	53.35 268 P	P	P	00 18 04.2 -0.4
WVOR	Wild Horse Val	53.38 293 eP	P	P	00 18 05.6 +0.9
WVOR	Wild Horse Val	53.38 293 eP	P	P	00 18 05.6 +0.9
WVOR	Wild Horse Val	53.38 293 eP	P	P	00 18 05.6 +0.9
WVOR	Wild Horse Val	53.38 293 eP	P	P	00 18 05.6 +0.9
BNN	Barren Site	53.42 277 eP	P	P	00 18 08.4 +3.1
BNN	Barren Site	53.42 277 eP	P	P	00 18 08.4 +3.1
LAZ	Ladron	53.50 278 eP	P	P	00 18 07.0 +1.2
429A	Davenport Ranc	53.61 271 P	P	P	00 18 06.2 -0.3
530A	J-C Ranch, Com	53.68 270 P	P	P	00 18 06.4 -0.6
BILL	Bilibino	53.76 351 PFAKE	LR	LR	00 18 20.0 +1.3
BILL	Bilibino	53.76 351 PFAKE	LR	LR	00 18 20.0 +1.3
834A	Tilden	53.78 266 P	P	P	00 18 07.2 -0.5
KVTX	Kingsville	53.89 265 PFAKE	LR	LR	00 18 20.0 +1.2
KVTX	Kingsville	53.89 265 PFAKE	LR	LR	00 18 20.0 +1.2
J05D	Fort Rock, OR	54.01 296 P	P	P	00 18 09.1 -0.3
732A	Laxson Ranch,	54.06 268 P	P	P	00 18 09.0 -0.7
833A	Chaparral WMA,	54.08 267 P	P	P	00 18 09.0 -0.8
BMN	Battle Mountai	54.17 290 eP	P	P	00 18 12.5 +1.9
BMN	Battle Mountai	54.17 290 eP	P	P	00 18 12.5 +1.9
BMN	Battle Mountai	54.17 290 eP	P	P	00 18 12.5 +1.9
529A	Stev Forest Ra	54.17 271 P	P	P	00 18 10.0 -0.6
ISRB	Sarab	54.18 74 eP	P	P	00 18 10.4 -0.4
ISRB	Sarab	54.18 74 eP	P	P	00 18 10.4 -0.4
I04A	Tendick Farm,	54.20 297 P	P	P	00 18 09.2 -1.3
K05A	Summer Lake	54.26 295 eP	P	P	00 18 12.0 +0.7
K05A	Summer Lake	54.26 295 eP	P	P	00 18 12.0 +0.7
CCUT	Cedar City	54.37 285 eP	P	P	00 18 13.1 +0.9
CCUT	Cedar City	54.37 285 eP	P	P	00 18 13.1 +0.9
832A	Faith Ranch, C	54.42 267 P	P	P	00 18 11.4 -0.9
J04D	Umpqua Nationa	54.47 296 P	P	P	00 18 11.3 -1.4
933A	Laredo	54.58 266 P	P	P	00 18 12.9 -0.5
MOD	Modoc	54.59 294 eP	P	P	00 18 14.4 +0.8
MOD	Modoc	54.59 294 eP	P	P	00 18 14.4 +0.8
MOD	Modoc	54.59 294 eP	P	P	00 18 14.4 +0.8
MNTX	Cornudas Mount	54.64 275 eP	P	P	00 18 12.9 -1.1
MNTX	Cornudas Mount	54.64 275 eP	P	P	00 18 14.1 +0.1
MNTX	Cornudas Mount	54.64 275 eP	P	P	00 18 14.1 +0.1
MNTX	Cornudas Mount	54.64 275 eP	P	P	00 18 14.1 +0.1
I03D	Drain, OR	54.72 297 P	P	P	00 18 12.8 -1.5
WUAZ	Wupatki	54.88 282 P	P	P	00 18 15.6 -0.2
WUAZ	Wupatki	54.88 282 eP	P	P	00 18 17.0 +1.2
WUAZ	Wupatki	54.88 282 eP	P	P	00 18 17.0 +1.2
WUAZ	Wupatki	54.88 282 eP	P	P	00 18 17.0 +1.2
R11A	Troy Canyon, C	54.91 288 P	P	P	00 18 15.8 -0.3
R11A	Troy Canyon, C	54.91 288 P	P	P	00 18 16.7 +0.7
R11A	Troy Canyon, C	54.91 288 P	P	P	00 18 16.7 +0.7
R11A	Troy Canyon, C	54.91 288 P	P	P	00 18 16.7 +0.7
KDAK	Kodiak Island	55.25 326 PFAKE	LR	LR</	

Table with columns: Station, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like IKRD, IAKL, IRAM, IMOG, etc.

Table with columns: Station, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like UOSS, UOSS, UOSS, SONAI, etc.

Table with columns: Station, Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like KMBO, KMBO, KMBO, KRSR, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like DAVOX, RETA, GKP, PVCC, MOA, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like OJC, SADO, SADO, MDT, KOG, IZAR, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ULM, ULM, ULM, DOPR, VOIR, VOIR, etc.

ISCO	Idaho Springs	48.70 282	P	P	00 24 58.6 +0.5
ISCO	Idaho Springs	48.70 282	eP	P	00 24 59.0 +0.9
ISCO	Idaho Springs	48.70 282	eP	P	00 24 59.0 +0.9
CSS	Prodhromos	48.70 88	eP	P	00 25 00.0 +2.3
CSS	Prodhromos	48.70 88	eP	P	00 24 57.4 -0.3
CSS	Prodhromos	48.70 88	eP	P	00 24 60.0 +2.3
SNOW	Snow King Moun	48.71 289	eP	P	00 24 58.8 +0.8
SNOW	Snow King Moun	48.71 289	eP	P	00 24 58.8 +0.8
FXWY	Fox Creek	48.72 289	eP	P	00 24 58.0 -0.1
FXWY	Fox Creek	48.72 289	eP	P	00 24 58.0 -0.1
340A	Bronson	48.76 265	P	P	00 24 58.0 -0.1
W32A	Sentinel	48.79 272	P	P	00 24 58.6 +0.2
MCMT	McKenzie Canyo	48.79 291	eP	P	00 24 57.0 -1.6
MCMT	McKenzie Canyo	48.79 291	eP	P	00 24 57.0 -1.6
TPAW	Teton Pass	48.79 289	eP	P	00 24 58.5 -0.1
TPAW	Teton Pass	48.79 289	eP	P	00 24 58.5 -0.1
S27A	Las Animas	48.82 278	P	P	00 24 58.2 -0.6
T28A	Walsh	48.82 276	P	P	00 24 58.1 -0.6
X35A	Lawton	48.83 271	P	P	00 24 58.3 -0.4
WMOK	Wichita Moun	48.83 272	eP	P	00 24 58.9 +0.1
WMOK	Wichita Moun	48.83 272	eP	P	00 24 58.9 +0.1
WMOK	Wichita Moun	48.83 272	eP	P	00 24 58.9 +0.1
137A	Heron Place, G	48.85 267	P	P	00 24 58.8 -0.1
U29A	Oasis Ranch, S	48.87 275	P	P	00 24 59.2 0.0
Y34A	Reagan Ranch,	48.88 270	P	P	00 24 58.4 -0.6
MLY	Manley	48.88 330	eP	P	00 24 58.8 +0.1
MLY	Manley	48.88 330	eP	P	00 24 58.8 +0.1
NATX	Nacogdoches	48.91 266	P	P	00 24 59.1 -0.2
238A	Jacksonville	48.97 266	P	P	00 24 59.3 -0.4
Q24A	Divide	49.07 280	P	P	00 25 00.4 -0.4
V30A	Spur Ranch, Mi	49.08 274	P	P	00 25 00.1 -0.6
Z35A	Perchaven, San	49.08 269	P	P	00 24 59.9 -0.7
W31A	Holland Ranch,	49.11 273	P	P	00 25 00.8 -0.1
S26A	Kim	49.17 278	P	P	00 25 00.9 -0.6
T27A	Campo	49.19 277	P	P	00 25 01.1 -0.5
BWN	Browne	49.20 329	eP	P	00 25 02.2 +1.0
BWN	Browne	49.20 329	eP	P	00 25 02.2 +1.0
WRWK	Wrangell Islan	49.28 314	eP	P	00 25 05.4 +3.5
AKH	Akhalkalaki	49.30 75	P	P	00 25 03.6 +1.1
AKH	Akhalkalaki	49.30 75	P	P	00 25 03.6 +1.1
AKH	Akhalkalaki	49.30 75	P	P	00 25 01.8 -0.5
Y33A	Hilltop Ranch,	49.30 271	P	P	00 25 02.5 +0.2
C09A	Chrisman Ranch	49.32 298	eP	P	00 25 02.5 +0.2
C09A	Chrisman Ranch	49.32 298	eP	P	00 25 02.5 +0.2
440A	Kirbyville	49.32 264	P	P	00 25 02.2 -0.3
237A	Washetta, Mont	49.33 267	P	P	00 25 02.3 -0.3
X32A	Elmer	49.34 272	P	P	00 25 02.5 -0.2
136A	Ennis	49.35 268	P	P	00 25 02.3 -0.5
MCK	McKinley	49.39 328	eP	P	00 25 03.9 +1.2
MCK	McKinley	49.39 328	eP	P	00 25 03.9 +1.2
MCK	McKinley	49.39 328	eP	P	00 25 03.9 +1.2
Z34A	Collier Ranch,	49.41 270	P	P	00 25 02.3 -0.9
U28A	Mallet	49.44 276	P	P	00 25 03.3 -0.1
ARNB	Al Arnab	49.44 85	eP	P	00 24 59.6 -3.8
Y29A	Stinnett	49.44 275	P	P	00 25 03.1 -0.3
W30A	Crockett Farms	49.46 273	P	P	00 25 03.3 -0.3
X31A	McDonald Ranch	49.55 273	P	P	00 25 03.8 -0.5
BTCH	Betrach	49.56 85	eP	P	00 24 59.5 -4.9
338A	Crockett	49.57 266	P	P	00 25 04.5 +0.1
T26A	Comanche Natio	49.57 278	P	P	00 25 04.2 -0.4
RND	Reindeer	49.62 328	eP	P	00 25 07.2 +2.7
RND	Reindeer	49.62 328	eP	P	00 25 07.2 +2.7
RND	Reindeer	49.62 328	eP	P	00 25 07.2 +2.7
TBLG	Delisi	49.71 73	P	P	00 25 02.2 -3.2
439A	Center Grove,	49.72 265	P	P	00 25 05.0 0.0
236A	Katherine and	49.72 267	P	P	00 25 05.6 +0.1
U27A	Thompson Grove	49.72 276	P	P	00 25 05.3 -0.4
Y32A	R-V Farms, Ver	49.74 272	P	P	00 25 05.5 -0.2
135A	Vickers Place,	49.76 269	P	P	00 25 05.0 -0.9
O20A	White River Ci	49.83 284	P	P	00 25 06.6 0.0
O20A	White River Ci	49.83 284	eP	P	00 25 07.2 +0.7
O20A	White River Ci	49.83 284	eP	P	00 25 07.2 +0.7
AKTK	Aktjubinsk	49.88 57	P	P	00 25 05.5 -1.0
AKTO	Aktjubinsk	49.88 57	LR	LR	00 46 07.2
AKTO	Aktjubinsk	49.88 57	P	P	00 25 05.5 -1.0
337A	Centerville	49.91 266	P	P	00 25 07.2 +0.2
V28A	Channing	49.91 275	P	P	00 25 06.7 -0.4
SAW	Saint Andrews	49.93 298	P	P	00 25 07.8 +0.8
SAW	Saint Andrews	49.93 298	P	P	00 25 07.8 +0.8
Z33A	Whitaker Ranch	49.93 270	P	P	00 25 06.8 -0.3
WRDH	Warideh	49.94 85	eP	P	00 25 05.8 -1.4
TRF	Thorofore Moun	49.99 329	eP	P	00 25 09.4 +2.0
TRF	Thorofore Moun	49.99 329	eP	P	00 25 09.4 +2.0
T25A	Trinidad	50.03 278	P	P	00 25 08.0 -0.2
T25A	Trinidad	50.03 278	eP	P	00 25 06.6 -1.5
T25A	Trinidad	50.03 278	eP	P	00 25 06.5 -1.5
W29A	Amrillo	50.08 274	P	P	00 25 08.4 0.0
134A	White-Moore Ra	50.11 269	P	P	00 25 08.3 -0.2

F10A	Beach Ranch, E	50.13 295	eP	P	00 25 08.6 0.0
F10A	Beach Ranch, E	50.13 295	eP	P	00 25 08.7 0.0
SDCO	Grand Sand Dun	50.16 280	P	P	00 25 08.8 -0.4
X30A	Coker Ranch, T	50.17 273	P	P	00 25 08.9 -0.1
Y31A	Rekieta Farm,	50.21 272	P	P	00 25 09.6 +0.3
WHXT	Lake Whitney	50.22 268	P	P	00 25 08.7 -0.7
BMRM	Bremner River	50.23 324	eP	P	00 25 12.2 +3.1
BMRM	Bremner River	50.23 324	eP	P	00 25 12.2 +3.1
V27A	Dan Oppiter Fa	50.23 276	P	P	00 25 09.1 -0.4
539A	Cross D Ranch,	50.23 264	P	P	00 25 09.5 +0.1
KLU	Klutina	50.24 325	eP	P	00 25 09.1 -0.1
KLU	Klutina	50.24 325	eP	P	00 25 09.1 -0.1
DGRG	David-gareji	50.24 73	P	P	00 25 09.8 +0.4
DGRG	David-gareji	50.24 73	P	P	00 25 09.8 +0.4
DGRG	David-gareji	50.24 73	P	P	00 25 09.8 +0.4
SIDA	Sidida	50.25 86	eP	P	00 25 05.0 -4.3
W28A	Vega	50.27 275	P	P	00 25 09.5 -0.3
AMTX	Amarillo	50.27 274	P	P	00 25 09.5 -0.3
AMTX	Amarillo	50.27 274	eP	P	00 25 10.7 +0.9
AMTX	Amarillo	50.27 274	eP	P	00 25 10.7 +0.9
AMTX	Haskell	50.30 271	P	PP	00 27 14.7 +10
336A	Riesel	50.37 267	P	P	00 25 09.7 -0.7
SCM	Sheep Creek Mo	50.40 326	eP	P	00 25 12.8 +2.4
SCM	Sheep Creek Mo	50.40 326	eP	P	00 25 12.8 +2.4
SCM	Sheep Creek Mo	50.40 326	eP	P	00 25 12.8 +2.4
37A	Phantom Ranch,	50.42 266	P	P	00 25 09.7 -1.1
ETW	Entiat	50.44 299	P	P	00 25 10.2 -0.7
ETW	Entiat	50.44 299	P	P	00 25 10.2 -0.7
HWUT	Hardware Ranch	50.47 287	eP	P	00 25 10.4 -0.9
HWUT	Hardware Ranch	50.47 287	eP	P	00 25 10.4 -0.9
C06D	Leavenworth	50.47 299	P	P	00 25 09.7 -1.4
DIV	Divide	50.47 325	eP	P	00 25 15.7 +4.8
HLID	Haley	50.48 291	P	P	00 25 10.6 -0.8
133A	Hamilton Ranch	50.53 270	P	P	00 25 10.7 -1.0
338A	Hamilton Ranch	50.55 265	P	P	00 25 11.5 -0.4
234A	Clairette	50.58 269	P	P	00 25 11.3 -0.7
X29A	Tulla	50.62 274	P	P	00 25 11.6 -0.8
Y30A	Stafford Cattl	50.62 273	P	P	00 25 11.9 -0.5
Z11A	Sharp Cattle R	50.64 272	P	P	00 25 11.9 -0.7
HAWK	Haweek	50.68 86	eP	P	00 25 07.0 -5.9
RAGM	Ragged Mountai	50.70 323	eP	P	00 25 12.3 -0.3
RAGM	Ragged Mountai	50.70 323	eP	P	00 25 12.3 -0.3
RAGM	Ragged Mountai	50.70 323	eP	P	00 25 12.3 -0.3
SML	Sawmill	50.72 326	eP	PP	00 27 19.9 +12
SML	Sawmill	50.72 326	eP	PP	00 25 13.5 +0.7
SML	Sawmill	50.72 326	eP	P	00 25 13.5 +0.7
SML	Sawmill	50.72 326	eP	P	00 25 13.5 +0.7
A04D	Lummi Island	50.73 301	P	P	00 25 12.0 -1.0
TCUT	Toone Canyon	50.74 287	eP	P	00 25 14.2 +0.7
TCUT	Toone Canyon	50.74 287	eP	P	00 25 14.2 +0.7
335A	Moody	50.76 268	P	P	00 25 12.5 -0.9
B05A	Bryant	50.78 300	P	P	00 25 12.1 -1.2
436A	Wall Ranch, Ga	50.82 267	P	P	00 25 13.1 -0.8
X28A	Dimmitt	50.83 274	P	P	00 25 13.3 -0.7
LTY	Liberty	50.84 299	eP	P	00 25 13.3 -0.7
LTY	Liberty	50.84 299	eP	P	00 25 13.3 -0.7
S22A	4UR Ranch, Cre	50.86 281	eP	P	00 25 12.7 -1.8
S22A	4UR Ranch, Cre	50.86 281	eP	P	00 25 15.6 +1.1
S22A	4UR Ranch, Cre	50.86 281	eP	P	00 25 15.6 +1.1
GNI	Garni	50.87 75	iP	P	00 25 15.8 +1.5
GNI	Garni	50.87 75	P	P	00 25 16.2 +1.8
GNI	Garni	50.87 75	iP	P	00 25 15.3 +0.9
GNI	Garni	50.87 75	iP	P	00 25 15.7 +1.3
GNI	Garni	50.87 75	iP	P	00 25 15.7 +1.3
ABTX	Abilene, Hawle	50.91 271	P	P	00 25 13.7 -0.9
ABTX	Abilene, Hawle	50.91 271	eP	P	00 25 14.6 0.0
ABTX	Abilene, Hawle	50.91 271	eP	P	00 25 14.6 0.0
HAWA	Hanford	50.93 297	eP	P	00 25 15.3 +0.7
HAWA	Hanford	50.93 297	eP	P	00 25 15.3 +0.7
HKT	Hockley	50.95 265	eP	PP	00 25 14.8 0.0
HKT	Hockley	50.95 265	eP	PP	00 25 14.8 0.0
HKT	Hockley	50.95 265	eP	P	00 25 14.8 0.0
HKT	Hockley	50.95 265	eP	P	00 25 14.8 0.0
HVU	Hansel Valley	50.96 288	eP	PP	00 25 14.9 -0.1
HVU	Hansel Valley	50.96 288	eP	PP	00 25 14.9 -0.1
HVU	Hansel Valley	50.96 288	eP	P	00 25 14.9 -0.1
233A	Rising Ranch, C	50.98 269	P	P	00 25 14.0 -1.1
KBSD	Kabsdagh	51.01 81	eP	P	00 25 12.5 -2.8
Y29A	Porterfield Fa	51.05 273	P	P	00 25 15.1 -0.5
537A	Green Hill Fa	51.10 266	P	P	00 25 15.7 -0.3
SPUT	South Promonto	51.14 288	eP	P	00 25 16.2 -0.1
SPUT	South Promonto	51.14 288	eP	P	00 25 16.2 -0.1
334A	Lometa	51.15 268	P	P	00 25 15.2 -1.2
Z30A	Sanderson Ranc	51.20 272	P	P	00 25 15.9 -0.8
SFNV	Sufian	51.22 81	eP	P	00 25 16.9 0.0
CTU	Camp Tracy	51.23 287	eP	P	00 25 18.4 +1.3
CTU	Camp Tracy	51.23 287	eP	P	00 25 18.4 +1.3
435B	Jarrell	51.23 267	P	P	00 25 16.4 -0.6

P18A	Preston Nutter	51.24 285	eP	P	00 25 16.0 -1.4
P18A	Preston Nutter	51.24 285	eP	P	00 25 16.0 -1.4
131A	Roby	51.27 271	P	P	00 25 16.9 -0.4
BRBR	Barbar	51.28 87	eP	P	00 25 15.8 -1.8
MMAI	Mount Meron Ar	51.30 88	LR	LR	00 48 28.9
Y28A	McKinney Farm,	51.32 274	P	P	00 25 17.4 -0.3
MTDJ	Mount Denham	51.38 239	eP	P	00 25 18.9 +0.6
MTDJ	Mount Denham	51.38 239	eP	P	00 25 18.9 +0.6
ROOS	tl_aalros	51.42 86	eP	P	00 25 18.4 0.0
G08A	Pilot Rock	51.46 296	eP	P	00 25 19.2 +0.5
G08A	Pilot Rock	51.46 296	eP	P	00 25 19.2 +0.5
O16A	Springville	51.46 286	eP	P	00 25 25.7 +6.9
232A	Coleman	51.48 270	P	P	00 25 17.7 -1.2
PV01	Paradox Valley	51.48 282	eP	P	00 25 19.7 +0.6
PV01	Paradox Valley	51.48 282	eP</		

Table with columns: Call ID, Name, Frequency, Power, Mode, and other technical details. Includes entries like 228A UT Block 9, Go, 431A Sonora, ELK Elk, etc.

Table with columns: Call ID, Name, Frequency, Power, Mode, and other technical details. Includes entries like DBIC Dimbokro, DBIC Dimbokro, M04C Macdoel, etc.

Table with columns: Call ID, Name, Frequency, Power, Mode, and other technical details. Includes entries like ISA Isabella, BC3 Big Chuckawall, BELC Belle Mtn, etc.

27d Oh

A30A	Hoffart Farm, baz=38	38.58	286	P	P	00 35 36.4 +0.2
B30A	Myrvik Farm, E baz=39	38.91	285	P	P	00 35 40.1 +1.2
E33A	Westby DABS, E baz=39	38.94	281	P	P	00 35 39.3 +0.5
G35A	Watkins baz=39	38.98	279	P	P	00 35 40.3 +0.7
C31A	Landman Farms, baz=39	39.01	284	P	P	00 35 40.5 +0.7
KMSC	Kings Mountain baz=39	39.20	256	P	P	00 35 43.3 +1.9
TZTN	Tazewell comp=Z,49nm,1.5s	39.29	260	eP	P	00 35 45.4 +3.2
TZTN	Tazewell comp=Z,49nm,1.5s	39.29	260	eP	P	00 35 45.4 +3.2
HDIL	Hopedale baz=39	39.41	269	P	P	00 35 44.1 +0.9
HDIL	Hopedale comp=Z,96nm,1.7s	39.41	269	eP	P	00 35 46.1 +2.9
HDIL	Hopedale comp=Z,96nm,1.7s	39.41	269	eP	P	00 35 46.1 +2.9
B29A	Wagenman Farm, baz=39	39.42	286	P	P	00 35 44.4 +1.2
F33A	5 Mile Ranch, baz=40	39.53	281	P	P	00 35 44.8 +0.7
AGG	Agios Georgios comp=Z,10.0nm,0.8s	39.85	94	eP	P	00 35 50.1 +3.2
AGG	Agios Georgios comp=Z,10.0nm,0.8s	39.85	94	eP	P	00 35 50.1 +3.2
MDND	Maddock baz=40	39.95	285	P	P	00 35 48.2 +0.7
D30A	Buchanan baz=40	39.99	284	P	P	00 35 48.5 +0.5
H34A	Spellman Lake, baz=40	40.03	279	P	P	00 35 49.0 +0.7
USIN	University of comp=Z,65nm,1.4s	40.42	265	eP	P	00 35 54.4 +2.9
USIN	University of comp=Z,65nm,1.4s	40.42	265	eP	P	00 35 54.4 +2.9
C28A	Hausauer Farms, baz=40	40.44	286	P	P	00 35 52.4 +0.8
VSR	Storzhevoje comp=Z,10.0nm,0.7s	40.50	67	eP	P	00 35 52.0 0.0
VSR	Storzhevoje comp=Z,10.0nm,0.7s	40.50	67	eP	P	00 35 52.0 0.0
VSR	Storzhevoje comp=N,5.0nm,0.9s					
A26A	Wade Farm, Ken baz=40	40.52	288	P	P	00 35 52.7 +0.4
H33A	Prehn Over Nor baz=40	40.54	280	P	P	00 35 53.4 +0.9
J35A	Milford baz=41	40.62	277	P	P	00 35 53.7 +0.6
CPCT	Cooper Cave	40.63	260	eP	P	00 35 56.8 +3.5
VORD	Divnogore comp=Z,10.0nm,0.3s	40.72	67	eP	P	00 35 53.3 -0.5
VORD	Divnogore comp=N,70nm,1.3s					
VORD	Divnogore comp=E,140nm,1.8s					
H32A	Carlson Farm, baz=41	41.02	280	P	P	00 35 57.6 +1.1
K35A	Storm Lake	41.07	276	P	P	00 35 58.2 +1.3
ECSD	EROS Data Cent baz=41	41.11	279	eP	P	00 35 58.6 +1.4
ECSD	EROS Data Cent comp=E,3.25nm,1.4s	41.11	279	eP	P	00 35 58.5 +1.3
ECSD	EROS Data Cent comp=E,3.25nm,1.4s	41.11	279	eP	P	00 35 58.5 +1.3
E28A	Huff baz=41	41.34	285	P	P	00 36 00.1 +1.0
F29A	Eureka baz=41	41.38	283	P	P	00 36 00.3 +0.9
SIUC	Southern Illin comp=E,25nm,1.0s	41.43	266	eP	P	00 36 01.4 +1.5
SIUC	Southern Illin comp=E,25nm,1.0s	41.43	266	eP	P	00 36 01.4 +1.5
B25A	Knox Farm, Ray baz=41	41.50	288	P	P	00 36 01.6 +1.2
G30A	Faulkton baz=41	41.50	282	P	P	00 36 01.0 +0.6
GOGA	Godfrey comp=Z,27nm,1.4s	41.65	257	eP	P	00 36 04.2 +2.4
GOGA	Godfrey comp=Z,26nm,1.4s	41.65	257	eP	P	00 36 04.2 +2.4
GOGA	Godfrey comp=Z,26nm,1.4s	41.65	257	eP	P	00 36 04.2 +2.4
INK	Inuvik comp=Z,14nm,1.1s,baz=39,slow=11,SNR=5.2	41.66	327	P	P	00 36 01.1 -0.3
INK	Inuvik comp=Z,14nm,1.1s,baz=39,slow=11,SNR=5.2	41.66	327	P	P	00 36 01.1 -0.3
INK	Inuvik comp=Z,29nm,1.3s	41.66	327	eP	P	00 36 01.6 +0.2
INK	Inuvik comp=Z,30nm,1.3s	41.66	327	eP	P	00 36 01.6 +0.2
INK	Inuvik comp=Z,30nm,1.3s	41.66	327	eP	P	00 36 01.6 +0.2
VRH	Novokhopovsk comp=Z,20nm,0.8s	41.76	66	eP	P	00 36 02.7 +0.3
VRH	Novokhopovsk comp=N,10.0nm,0.9s					
VRH	Novokhopovsk comp=E,30nm,1.7s					
WVT	Waverly comp=Z,56nm,2.3s	41.87	263	eP	P	00 36 04.0 +0.5
WVT	Waverly comp=Z,56nm,2.3s	41.87	263	eP	P	00 36 04.0 +0.5
WVT	Waverly comp=Z,56nm,2.3s	41.87	263	eP	P	00 36 04.0 +0.5
F28A	McLaughlin baz=42	41.88	284	P	P	00 36 04.3 +0.7
E27A	Carson baz=42	41.89	285	P	P	00 36 04.7 +1.1
DGMT	Dagmar baz=42	41.89	289	P	P	00 36 04.4 +0.8
DGMT	Dagmar comp=Z,38nm,1.2s	41.89	289	eP	P	00 36 05.5 +1.9
DGMT	Dagmar comp=Z,38nm,1.2s	41.89	289	eP	P	00 36 05.5 +1.9
D25A	Fairfield baz=42	42.31	287	P	P	00 36 07.5 +0.4
E26A	Carlson Angus baz=42	42.32	286	P	P	00 36 07.6 +0.4
H29A	Onida baz=42	42.40	282	P	P	00 36 08.3 +0.5
G28A	Parade baz=42	42.46	283	P	P	00 36 08.8 +0.5
I30A	Oacoma baz=42	42.47	281	P	P	00 36 09.0 +0.6
F27A	Lemmon baz=42	42.50	285	P	P	00 36 09.4 +0.8
M34A	Aspy Farms, Fr baz=42	42.64	276	P	P	00 36 10.2 +0.4
PBMO	Poplar Bluff comp=Z,34nm,1.1s	42.77	266	eP	P	00 36 11.2 +0.4
PBMO	Poplar Bluff comp=Z,34nm,1.1s	42.77	266	eP	P	00 36 11.2 +0.4
G27A	Dupre baz=43,SNR=11	42.78	284	P	P	00 36 10.7 -0.2
H28A	Mission Ridge baz=43	42.79	283	P	P	00 36 11.4 +0.5
I29A	Vivian Onida baz=43	42.86	282	P	P	00 36 12.6 +1.1
O35A	Humboldt baz=43	43.16	274	P	P	00 36 14.2 +0.2
F25A	Bowman baz=43	43.20	286	P	P	00 36 14.6 +0.3
SOKR	Solikamsk comp=Z,20nm,1.7s	43.22	48	eP	P	00 36 14.9 +0.7
SOKR	Solikamsk comp=Z,20nm,1.7s	43.22	48	eP	P	00 36 14.9 +0.7
P36A	Good Intent, A baz=43	43.25	273	P	P	00 36 15.3 +0.6
EDM	Edmonton comp=Z,34nm,1.1s	43.28	300	eP	P	00 36 15.8 +0.9
EDM	Edmonton comp=Z,34nm,1.1s	43.28	300	eP	P	00 36 15.8 +0.9
EDM	Edmonton comp=Z,34nm,1.1s	43.28	300	eP	P	00 36 15.8 +0.9
J29A	Okreek	43.29	281	P	P	00 36 15.8 +0.7

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I28A	Midland baz=43	43.33	282	P	P	00 36 15.4 +0.1
H27A	Hoves baz=43	43.37	284	P	P	00 36 16.0 +0.3
BGNE	Belgrade baz=44	43.54	277	P	P	00 36 17.6 +0.5
O34A	Beatrice baz=44	43.64	275	P	P	00 36 18.3 +0.4
G25A	Newell baz=44	43.68	285	P	P	00 36 18.2 0.0
K29A	Lazy Trails An baz=44	43.74	280	P	P	00 36 19.2 +0.6
H26A	Fairpoint baz=44	43.74	284	P	P	00 36 18.6 -0.1
I27A	Quinn baz=44	43.74	283	P	P	00 36 19.0 +0.3
P35A	Duane Minner, baz=44	43.75	274	P	P	00 36 19.2 +0.4
J28A	Allard Ranch, baz=44	43.76	282	P	P	00 36 18.8 -0.1
ANN	Anapa comp=Z,21nm,1.5s	43.82	75	eP	P	00 36 18.7 -0.5
ANN	Anapa comp=Z,21nm,1.5s	43.82	75	eP	P	00 36 18.7 -0.5
ANN	Anapa comp=Z,703nm,14.0s					
Q36A	Arnold C. Orve	43.86	273	P	P	00 36 19.6 0.0
OXF	Oxford	43.94	263	eP	P	00 36 24.7 +4.4
OXF	Oxford comp=Z,35nm,1.1s	43.94	263	eP	P	00 36 24.6 +4.4
OXF	Oxford comp=Z,35nm,1.1s	43.94	263	eP	P	00 36 24.6 +4.4
R37A	Teagarden Farm baz=44	43.99	272	P	P	00 36 20.4 -0.3
LAO	LASA Array comp=Z,56nm,1.4s	44.10	289	eP	P	00 36 21.8 +0.3
LAO	LASA Array comp=Z,56nm,1.4s	44.10	289	eP	P	00 36 21.8 +0.3
LAO	LASA Array comp=Z,56nm,1.4s	44.10	289	eP	P	00 36 21.8 +0.3
P34A	Walnut Farm, R baz=44	44.17	279	P	P	00 36 21.9 -0.2
I26A	New Underwood baz=44	44.19	283	P	P	00 36 22.1 -0.2
O33A	Hebron baz=44	44.19	275	P	P	00 36 22.6 +0.3
Q35A	Mercer Eighty, baz=44	44.24	273	P	P	00 36 22.8 +0.1
J27A	Elkhorn Farm, baz=44	44.28	282	P	P	00 36 23.2 +0.1
L29A	Maesberg Ranch baz=44	44.31	280	P	P	00 36 23.5 +0.2
R36A	Gordon, Harris baz=44	44.35	272	P	P	00 36 23.4 -0.2
KSU1	Kansas State U baz=44	44.37	274	P	P	00 36 23.8 +0.1
KSU1	Kansas State U baz=44	44.37	274	eP	P	00 36 26.0 +2.2
KSU1	Kansas State U comp=Z,93nm,1.8s	44.37	274	eP	P	00 36 26.0 +2.2
N31A	Bailey Ranch, baz=44	44.38	277	P	P	00 36 23.8 0.0
S37A	Fort Scott baz=44,SNR=10	44.40	271	P	P	00 36 23.6 -0.4
TAM	Tamanrasset	44.54	125	eP	P	00 36 25.2 -0.2
TAM	Tamanrasset comp=Z,16nm,1.0s	44.54	125	eP	P	00 36 25.2 -0.2
TAM	Tamanrasset comp=Z,16nm,1.0s	44.54	125	eP	P	00 36 25.2 -0.2
I25A	Rocheford baz=45	44.65	284	P	P	00 36 25.8 -0.4
Q34A	Chapman baz=45	44.68	274	P	P	00 36 26.5 +0.3
P33A	Williams Farm, baz=45	44.71	275	P	P	00 36 26.7 +0.3
R35A	Emporia Munci baz=45	44.72	273	P	P	00 36 26.4 -0.2
K27A	Flueckinger Fa baz=45	44.79	282	P	P	00 36 26.6 -0.5
J26A	Sides Ranch, S baz=45	44.80	283	P	P	00 36 26.5 -0.7
S36A	Lake Cedric, C baz=45	44.84	272	P	P	00 36 27.3 -0.2
BR231	Keskin MP Arra baz=45	44.85	84	eP	P	00 36 31.9 +4.3
T37A	Cheneyville 18 baz=45,SNR=9.7	44.92	270	P	P	00 36 27.7 -0.4
EGMT	Eagleton baz=45	44.97	292	P	P	00 36 28.0 -0.5
EGMT	Eagleton comp=Z,54nm,1.4s	44.97	292	eP	P	00 36 30.0 +1.5
EGMT	Eagleton comp=Z,54nm,1.4s	44.97	292	eP	P	00 36 30.0 +1.5
O31A	Wagon Ranch, baz=45	45.06	277	P	P	00 36 28.9 -0.4
Q33A	Connelly Farm, baz=45	45.10	275	P	P	00 36 29.5 -0.1
U38A	Gravette baz=45	45.14	269	P	P	00 36 29.9 0.0
S35A	Otter Creek Ra baz=45	45.26	272	P	P	00 36 30.4 -0.4
N29A	Yotlav Ranch, W baz=45	45.27	279	P	P	00 36 30.6 -0.4
R34A	Isabella, Hill baz=45	45.30	273	P	P	00 36 30.9 -0.2
BRTR	Keskin Array B comp=Z,4nm,0.8s,baz=321,slow=5.3,SNR=18	45.39	83	P	P	00 36 32.6 +0.6
O30A	MW Ranch, Wils baz=45	45.43	278	P	P	00 36 31.7 -0.5
T36A	Boggs Farm, Ca baz=45	45.48	271	P	P	00 36 31.8 -0.8
Q32A	Meitler Ranch, baz=45	45.49	275	P	P	00 36 32.1 -0.6
P31A	Stockton baz=45	45.55	276	P	P	00 36 32.2 -0.9
U37A	Saline baz=46	45.56	270	P	P	00 36 32.3 -0.9
S34A	Willow Spring baz=46	45.66	273	P	P	00 36 32.9 -1.2
SOC	Sochi comp=Z,2.0nm,1.4s	45.84	75	eP	P	00 36 35.0 -0.3
SOC	Sochi comp=Z,2.0nm,1.4s	45.84	75	eP	P	00 36 35.0 -0.3
SOC	Sochi comp=Z,2.0nm,1.4s	45.84	75	eP	P	00 36 35.0 -0.3
T35A	Sooner Cattle baz=46	45.92	272	P	P	00 36 34.2 -1.9
Q31A	Ellis baz=46	45.93	276	P	P	00 36 33.4 -2.7
R32A	Long Quarter, baz=46	45.99	275	P	P	00 36 36.5 -0.1
P30A	Selden baz=46	45.99	277	P	P	00 36 36.4 -0.3
ARU	Arti comp=Z,0.3nm,0.3s,baz=307,slow=20,SNR=1.8	45.99	51	P	P	00 36 36.5 +0.1
ARU	Arti comp=Z,0.3nm,0.3s,baz=307,slow=20,SNR=1.8	45.99	51	P	P	00 36 36.5 +0.1
ARU	Arti comp=Z,0.3nm,0.3s,baz=307,slow=20,SNR=1.8	45.99	51	P	P	00 36 36.5 +0.1
ARU	Arti comp=Z,49nm,2.5s	45.99	51	eP	P	00 36 35.8 -0.5
ARU	Arti comp=Z,60nm,1.7s	45.99	51	eP	P	00 36 35.9 -0.5
MIAR	Mount Ida	46.13	267	eP	P	00 36 38.2 +0.5
MIAR	Mount Ida comp=Z,46nm,1.4s	46.13	267	eP	P	00 36 38.2 +0.5
MIAR	Mount Ida comp=Z,46nm,1.4s	46.13	267	eP	P	00 36 38.2 +0.5
MIAR	Mount Ida comp=Z,46nm,1.4s	46.13	267	eP	P	00 36 38.1 +0.5
FYU	Fort Yukon comp=Z,29nm,1.3s	46.18	329	eP	P	00 36 39.9 +2.2
FYU	Fort Yukon comp=Z,29nm,1.3s	46.18	329	eP	P	00 36 39.9 +2.2
T34A	McClaskey Farm	46.21	272	P	P	00 36 38.0 -0.3
S33A	Kaszaul Farm, baz=46	46.22	273	P	P	00 36 38.2 -0.2
W38A	Poteau baz=46	46.24	268	P	P	00

COLA	College	48.16 329	eP	P	00 36 55.2 +2.1
V32A	Arapaho	48.17 273	P	P	00 36 53.4 -0.3
Q26A	Hugo	48.18 279	P	P	00 36 53.3 -0.5
FLWY	Flagg Ranch	48.18 289	eP	pP	00 37 00.5 +2.2
FLWY	Flagg Ranch	48.18 289	eP	pP	00 37 00.5 +2.2
Z37A	Popple Cattle C	48.26 268	P	P	00 36 54.2 -0.1
R27A	Eads	48.27 278	P	P	00 36 54.1 -0.4
W33A	Caddo, Fort Co	48.30 272	P	P	00 36 54.5 -0.2
CCB	Clear Creek Bu	48.32 328	eP	P	00 36 55.4 +1.0
CCB	Clear Creek Bu	48.32 328	eP	P	00 36 55.4 +1.0
X34A	Smith Ranch, M	48.37 271	P	P	00 36 55.2 0.0
NEW	Newport	48.39 297	P	P	00 36 54.6 -0.6
NEW	Newport	48.39 297	eP	P	00 36 57.7 +2.5
NEW	Newport	48.39 297	P	P	00 36 54.8 -0.4
NEW	Newport	48.39 297	eP	P	00 36 57.7 +2.5
NEW	Newport	48.39 297	eP	P	00 36 57.7 +2.5
MOOW	Moose Ponds	48.44 289	eP	P	00 36 57.6 +1.7
MOOW	Moose Ponds	48.44 289	eP	P	00 36 57.6 +1.7
WRH	Wood River Hill	48.54 328	eP	P	00 36 57.1 +1.0
WRH	Wood River Hill	48.54 328	eP	P	00 36 57.1 +1.0
BW06	Boulder Array	48.54 287	eP	P	00 36 56.2 -0.5
BW06	Boulder Array	48.54 287	eP	P	00 36 56.2 -0.5
BW06	Boulder Array	48.54 287	eP	P	00 36 56.2 -0.5
BW06	Boulder Array	48.54 287	eP	P	00 36 56.2 -0.5
V31A	Spring Creek L	48.56 273	P	P	00 36 57.2 +0.5
R26A	Arlington	48.60 278	P	P	00 36 57.4 +0.4
ISCO	Idaho Springs	48.64 281	eP	P	00 36 58.7 +1.1
ISCO	Idaho Springs	48.64 281	eP	P	00 36 58.7 +1.1
ISCO	Idaho Springs	48.64 281	eP	P	00 36 57.6 0.0
ISCO	Idaho Springs	48.64 281	eP	P	00 36 58.7 +1.1
ISCO	Idaho Springs	48.64 281	eP	P	00 36 58.7 +1.1
FXWY	Fox Creek	48.66 289	eP	P	00 36 58.2 +0.6
FXWY	Fox Creek	48.66 289	eP	P	00 36 58.2 +0.6
MCMT	McKenzie Canyo	48.73 291	eP	P	00 36 59.7 +1.6
MCMT	McKenzie Canyo	48.73 291	eP	P	00 36 59.7 +1.6
TPAW	Teton Pass	48.73 289	eP	P	00 36 59.2 +1.0
TPAW	Teton Pass	48.73 289	eP	P	00 36 59.2 +1.0
TPAW	Teton Pass	48.73 289	eP	P	00 36 59.2 +1.0
W32A	Sentinel	48.73 272	eP	P	00 36 58.8 +0.6
CSS	Prodhromos	48.76 88	epwP	P	00 37 03.2 +0.6
X33A	Lawton	48.77 271	P	P	00 36 58.8 +0.5
WMOK	Wichita Mounta	48.77 272	eP	P	00 36 58.9 +0.6
WMOK	Wichita Mounta	48.77 272	eP	P	00 36 58.9 +0.6
WMOK	Wichita Mounta	48.77 272	eP	P	00 36 58.9 +0.6
Y34A	Reagan Ranch,	48.82 270	P	P	00 36 58.8 +0.1
MLY	Manley	48.83 330	eP	P	00 36 59.6 +1.2
MLY	Manley	48.83 330	eP	P	00 36 59.6 +1.2
Q24A	Divide	49.01 280	P	P	00 37 00.2 -0.2
V30A	Spur Ranch, Mi	49.02 274	P	P	00 37 00.4 +0.1
W31A	Holland Ranch,	49.06 273	P	P	00 37 01.1 +0.5
S26A	Kim	49.12 278	P	P	00 37 00.9 -0.1
T27A	Campo	49.13 277	P	P	00 37 01.3 +0.1
BWN	Browne	49.15 329	eP	P	00 37 02.2 +1.4
BWN	Browne	49.15 329	eP	P	00 37 02.2 +1.4
C09A	Chrisman Ranch	49.26 298	eP	P	00 37 02.6 +0.7
C09A	Chrisman Ranch	49.26 298	eP	P	00 37 02.6 +0.7
X32A	Elmer	49.28 272	P	P	00 37 03.1 +0.8
136A	Ennis	49.30 268	P	P	00 37 02.6 +0.3
MCK	McKinley	49.34 328	eP	P	00 37 03.5 +1.2
MCK	McKinley	49.34 328	eP	P	00 37 03.5 +1.2
MCK	McKinley	49.34 328	eP	P	00 37 03.5 +1.2
Z34A	Collier Ranch,	49.35 270	P	P	00 37 03.3 +0.5
V29A	Stinnett	49.38 275	P	P	00 37 03.3 +0.2
X31A	McDonald Ranch	49.50 272	P	P	00 37 04.3 +0.4
T26A	Comanche Natio	49.51 278	P	P	00 37 04.3 +0.4
338A	Crockett	49.52 266	P	P	00 37 04.2 +0.2
U27A	Thompson Grove	49.67 276	P	P	00 37 05.0 -0.2
Y32A	R-V Farms, Ver	49.69 271	P	P	00 37 05.4 +0.1
V28A	Channing	49.85 275	P	P	00 37 06.8 +0.2
Z33A	Whitaker Ranch	49.87 270	P	P	00 37 07.2 +0.5
AKTO	Aktvynsk	49.91 57	P	P	00 37 07.2 +0.4
TRF	Thorofare Moun	49.95 329	eP	P	00 37 08.1 +1.0
TRF	Thorofare Moun	49.95 329	eP	P	00 37 08.1 +1.0
T25A	Trinidad	49.97 278	eP	P	00 37 08.0 +0.3
T25A	Trinidad	49.97 278	eP	P	00 37 09.1 +1.4
T25A	Trinidad	49.97 278	eP	P	00 37 09.1 +1.4
W29A	Amrillio	50.02 274	P	P	00 37 08.0 +0.1
134A	White-Moore Ra	50.05 269	P	P	00 37 08.2 +0.2
F10A	Beach Ranch, E	50.07 295	eP	P	00 37 08.1 0.0
F10A	Beach Ranch, E	50.07 295	eP	P	00 37 08.2 0.0
SDCO	Great Sand Dun	50.10 280	P	P	00 37 08.6 -0.1
SDCO	Great Sand Dun	50.10 280	eP	P	00 37 09.8 +1.1
SDCO	Great Sand Dun	50.10 280	eP	P	00 37 09.8 +1.1
Y31A	Rekieta Farm,	50.16 272	P	P	00 37 09.3 +0.4
WHTX	Lake Whitney	50.17 268	P	P	00 37 09.4 +0.4
V27A	Dan Oppiter Fa	50.17 276	P	P	00 37 09.1 +0.1
KLU	Klutina	50.19 325	eP	P	00 37 10.5 +1.7
KLU	Klutina	50.19 325	eP	P	00 37 10.5 +1.7

AMTX	Amarillo	50.22 274	P	P	00 37 10.0 +0.6
AMTX	Amarillo	50.22 274	eP	P	00 37 10.6 +1.2
AMTX	Amarillo	50.22 274	eP	P	00 37 10.7 +1.2
336A	Riesel	50.31 267	P	P	00 37 09.5 -0.5
HWUT	Hardware Ranch	50.41 287	eP	P	00 37 10.7 -0.2
HWUT	Hardware Ranch	50.41 287	eP	P	00 37 10.7 -0.2
HLID	Hailey	50.42 291	P	P	00 37 10.9 -0.1
HLID	Hailey	50.42 291	eP	P	00 37 12.5 +1.5
HLID	Hailey	50.42 291	eP	P	00 37 12.5 +1.5
133A	Hamilton Ranch	50.48 270	P	P	00 37 11.9 +0.6
234A	Clairette	50.52 269	P	P	00 37 11.7 0.0
Y30A	Stafford Cattl	50.56 273	P	P	00 37 11.9 -0.1
Z31A	Sharp Cattle R	50.59 271	P	P	00 37 12.4 +0.2
SML	Sawmill	50.67 326	eP	P	00 37 14.0 +1.6
SML	Sawmill	50.67 326	eP	P	00 37 14.0 +1.6
SML	Sawmill	50.67 326	eP	P	00 37 14.0 +1.6
TCUT	Toone Canyon	50.69 287	eP	P	00 37 14.4 +1.3
TCUT	Toone Canyon	50.69 287	eP	P	00 37 14.4 +1.3
335A	Moody	50.70 267	P	P	00 37 12.5 -0.6
436A	Wall Ranch, Ga	50.77 267	P	P	00 37 13.4 0.0
S22A	4UR Ranch, Cre	50.80 281	P	P	00 37 13.8 -0.2
S22A	4UR Ranch, Cre	50.80 281	eP	P	00 37 15.2 +1.2
S22A	4UR Ranch, Cre	50.80 281	eP	P	00 37 15.2 +1.2
ABTX	Ablene, Hawle	50.85 270	P	P	00 37 13.9 -0.3
ABTX	Ablene, Hawle	50.85 270	eP	P	00 37 14.4 +0.2
ABTX	Ablene, Hawle	50.85 270	eP	P	00 37 14.4 +0.2
HKT	Hockley	50.90 265	eP	P	00 37 13.8 -0.6
HKT	Hockley	50.90 265	eP	P	00 37 13.8 -0.6
HKT	Hockley	50.90 265	eP	P	00 37 13.8 -0.6
HKT	Hockley	50.90 265	eP	P	00 37 13.8 -0.6
HVU	Hansel Valley	50.90 288	eP	P	00 37 14.7 +0.1
HVU	Hansel Valley	50.90 288	eP	P	00 37 14.7 +0.1
HVU	Hansel Valley	50.90 288	eP	P	00 37 14.7 +0.1
PLLA	Kurpeyette	50.91 329	eP	P	00 37 18.8 +4.4
GNI	Garni	50.92 751	eP	P	00 37 16.4 +1.7
GNI	Garni	50.92 75	eP	P	00 37 17.0 +2.3
GNI	Garni	50.92 75	eP	P	00 37 17.0 +2.3
GNI	Garni	50.92 75	eP	P	00 37 17.0 +2.3
233A	Rising Star	50.92 269	P	P	00 37 15.1 +0.4
SPUT	South Promonto	51.08 288	eP	P	00 37 16.5 +0.6
SPUT	South Promonto	51.08 288	eP	P	00 37 16.5 +0.6
334A	Lometa	51.10 268	P	P	00 37 15.6 -0.5
Z30A	Sanderson Ranc	51.14 272	P	P	00 37 16.4 +0.1
P18A	Preston Nutter	51.18 285	eP	P	00 37 17.1 +0.2
P18A	Preston Nutter	51.18 285	eP	P	00 37 17.1 +0.2
P18A	Preston Nutter	51.18 285	eP	P	00 37 17.1 +0.2
131A	Roby	51.21 271	P	P	00 37 17.1 +0.2
MFID	Camas Ranch	51.23 292	eP	P	00 37 17.7 +0.7
MFID	Camas Ranch	51.23 292	eP	P	00 37 17.7 +0.7
G08A	Pilot Rock	51.40 296	eP	P	00 37 19.4 +1.2
G08A	Pilot Rock	51.40 296	eP	P	00 37 19.4 +1.2
O16A	Springville	51.41 286	eP	P	00 37 25.0 +6.6
PV01	Paradox Valley	51.42 282	eP	P	00 37 19.8 +1.2
PV01	Paradox Valley	51.42 282	eP	P	00 37 19.8 +1.2
Z32A	Coleman	51.42 270	P	P	00 37 18.3 -0.1
Z29A	Hungry Hill Ra	51.47 273	P	P	00 37 18.6 -0.2
PV10	Paradox Valley	51.49 283	eP	P	00 37 21.2 +2.1
PV10	Paradox Valley	51.49 283	eP	P	00 37 21.2 +2.1
MSTX	Muleshoe	51.49 274	eP	P	00 37 19.0 0.0
MSTX	Muleshoe	51.49 274	eP	P	00 37 21.1 +2.1
MSTX	Muleshoe	51.49 274	eP	P	00 37 21.1 +2.1
333A	Richland Sprin	51.51 269	P	P	00 37 18.5 -0.6
434A	Burnet	51.52 268	P	P	00 37 18.5 -0.7
P17A	Butcher Ranch,	51.55 285	eP	P	00 37 20.2 +0.7
P17A	Butcher Ranch,	51.55 285	eP	P	00 37 20.2 +0.7
ABKAR	Akbulak array	51.63 57	eP	P	00 37 20.2 +0.5
ABKAR	Akbulak array	51.63 57	eP	P	00 37 20.2 +0.5
TOAD	Torodi Ar. Sit	51.64 135	eP	P	00 37 17.1 -3.0
TORD	Torodi Ar. Bea	51.64 135	eP	P	00 37 18.4 -1.8
TORD	Torodi Ar. Bea	51.64 135	eP	P	00 57 06.2
RC01	Rabbit Creek A	51.66 326	eP	P	00 37 21.5 +1.7
RC01	Rabbit Creek A	51.66 326	eP	P	00 37 21.5 +1.7
SRU	San Rafael	51.71 284	eP	P	00 37 22.7 +2.0
SRU	San Rafael	51.71 284	eP	P	00 37 22.7 +2.0
SRU	San Rafael	51.71 284	eP	P	00 37 22.7 +2.0
SRU	San Rafael	51.71 284	eP	P	00 37 22.7 +2.0
PV05	Paradox Valley	51.74 283	eP	P	00 37 21.2 +0.2
PV05	Paradox Valley	51.74 283	eP	P	00 37 21.2 +0.2
Z31A	Bronte	51.74 270	P	P	00 37 20.9 0.0
Z28A	Tuer Farm, M	51.81 273	P	P	00 37 21.7 +0.2
332A	Millersview	51.87 270	P	P	00 37 21.4 -0.4
NLU	North Lily Min	51.89 286	eP	P	00 37 22.8 +0.7
NLU	North Lily Min	51.89 286	eP	P	00 37 22.8 +0.7
433A	Art	52.01 269	P	P	00 37 21.6 -1.2
MVCO	Mesa Verde	52.08 281	eP	P	00 37 23.9 +0.3
MVCO	Mesa Verde	52.08 281	eP	P	00 37 24.9 +1.4
MVCO	Mesa Verde	52.08 281	eP	P	00 37 24.9 +1.4
DUG	Dugway	52.09 287	eP	P	00 37 27.3 +3.8
DUG	Dugway	52.09 287	eP	P	00 37 27.3 +3.8
DUG	Dugway	52.09 287	eP	P	00 37 23.2 -0.2
DUG	Dugway	52.09 287	eP	P	00 37 27.3 +3.8

comp=Z,8.2nm,1.3s	NLWA	Neilton Lookou	52.18 301	eP	P	00 37 27.3 +3.4
comp=Z,144nm,1.8s	NLWA	Neilton Lookou	52.18 301	eP	P	00 37 27.3 +3.4
comp=Z,144nm,1.8s	230A	Sterling City	52.21 271	P	P	00 37 23.9 -0.4
baz=52	534A	Blanco	52.24 267	P	P	00 37 23.0 -1.6
baz=52	SPU	Mount Spurr	52.26 328	eP	P	00 37 25.3 +1.0
baz=52	SPU	Mount Spurr	52.26 328	eP	P	00 37 25.3 +1.0
baz=52	432A	Menard	52.29 269	P	P	00 37 24.4 -0.5
baz=52	331A	San Angelo	52.29 270	P	P	00 37 24.4 -0.5
baz=52	736A	Circle Diamond	52.34 265	P	P	00 37 25.1 -0.1
baz=52	635A	Leesville				

Table with columns: Station Name, Frequency, Power, SNR, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like SHPR, NV01, TPV, etc.

Table with columns: Station Name, Frequency, Power, SNR, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like EKS2, ERKIN-SAY, MK01, etc.

Table with columns: Station Name, Frequency, Power, SNR, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like BJI, LPAZ, LPAZ, etc.

ICD 27.00:35.00 9.0, 6.57:64N:32:81W, h0km, mb4.1/21, mb1.4/24, mb1mx3.9/56, mb1mp4.1/24, ML3.4/3, MS3.2/1, Ms1.3/21, ms1mx2.9/38, Error ellipse: s-maj=17.2km s-min=12.5km az=174.0
ISCJB 27.00:35:01.4, 0.4, 57:72N:0.07:32:78W:0.1, 10, h15km, mb4.2/27, Error ellipse: s-maj=10.8km s-min=7.2km az=168.8
NEIC 27.00:35:01.9, 3.8, 57:62N:32:79W, h8km, 24km, mb4.5/6, Error ellipse: s-maj=9.6km s-min=6.1km az=181.0
ISC 27.00:35:01.0, 5.7, 66N:0.09:32:81W:0.07, h15km, n39, 00:74/38, mb4.2/27, Reykjanes Ridge

HFS	Hagfors	23.76 64 P	P	00 40 14.7 +0.2
ESDC	Sonsec Array	25.89 122 P	P	00 40 34.8 +0.5
ARCES	ARCES Array B	27.23 110 P	P	00 40 46.0 -0.5
FINES	FINES Array B	29.19 58 P	P	00 41 03.0 -0.5
KEST	Keora	35.46 110 P	P	00 41 59.0 +0.3
AKASG	Malin Array Be	35.80 74 P	P	00 42 07.0 -0.6
ULM	Lac du Bonnet	36.60 286 P	P	00 42 08.2 -0.1
BRTR	Keekin Array B	45.38 83 P	P	00 43 22.0 +1.2
DAWY	Dawson	46.38 324 eP	P	00 43 28.2 0.0
ILAR	Erasilia Array	48.10 328 P	P	00 43 42.8 +1.2
ILAR	1.9nm, 0.9s, baz=32, slow=6.3, SNR=15		PcP	00 45 08.4 -0.5
AKTO	Aktuybinsk	49.96 57 P	P	00 43 55.9 -0.1
HWUT	Hardware Ranch	50.48 288 eP	P	00 43 60.0 -0.3
TORD	Torodi Ar. Bea	51.53 135 P	P	00 44 07.5 -0.7
MSTX	Muleshoe	51.54 274 eP	P	00 44 07.6 -0.6
ABKAR	Akbulak array	51.67 57 eP	P	00 44 08.3 -0.6
BVAR	Borovoye Array	52.38 47 P	P	00 44 21.3 +0.5
TXAR	Lajitas Array	55.61 271 P	P	00 44 37.7 -0.5
NVAR	Mina Array Bea	56.28 290 P	P	00 44 43.8 +0.8
ZALV	Zalesovo Beam	57.80 38 P	P	00 44 53.2 -0.1
GEYT	Alibec	59.38 19 P	P	00 45 05.7 +1.1
KKAR	Karatay Array	61.09 55 eP	P	00 45 15.7 -0.4
EKSZ	Erkin-Say	62.86 53 eP	P	00 45 28.6 +0.4
MKAR	Makanchi Array	62.87 44 P	P	00 45 28.1 +0.1
AAK	Ala-Archa	63.19 52 P	P	00 45 31.4 +1.0
H10S1	ASCENSION HYDR68.01 161 T		T	01 59 42.9
H10S3	ASCENSION HYDR68.02 161 T		T	01 59 43.9
H10S2	ASCENSION HYDR68.03 161 T		T	01 59 40.3
SOMM	Songino Array	69.58 28 P	P	00 46 11.6 +0.4
BDFB	Brasilia	74.11 195 P	P	00 46 38.8 +0.3
KSR5	Korea Array	83.87 15 P	P	00 47 31.1 -0.8
KSAR	Wonju Array Be	83.88 15 P	P	00 47 31.1 -0.8
WRA	Warramunga Arr	159.42 189 PKHP	PKPpre	00 54 29.0
WRA	1.9nm, 0.8s, baz=350, slow=3.3, SNR=3.3		PKP	00 54 33.4 +0.6
ASAR	Alice Springs	144.99 21 PKP	PKP	00 54 36.9 -0.8
VNDA	Vanda	159.42 189 PKPab	PKPab	00 55 36.9 -0.1
	0.8nm, 0.9s, baz=227, slow=5.2, SNR=3.8			

ISCJ 27 00:36:12.7, 1.2, 5.7:38N-32:97W, h0km, mb3.7/4, mb1.3/9.5, mb1mx3.5/5.4, mbmp3.8/5, ML3.7/1, Error ellipse: s-maj=57.6km s-min=28.3km az=40.0

ISCJ 27 00:36:13.3, 1.2, 5.7:5N.0-2:32:9W.0:3, h15km, mb3.7/4, Error ellipse: s-maj=25.9km s-min=24.2km az=34.4

ISC 27 00:36:15.1, 1.2, 5.7:4N.0-2:33:0W.0:2, h15km, n6, n1920/6, mb3.8/4, Reykjanes Ridge

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
BORG	Borgarnes	9.27 33 Op	ISC	00 38.29	+0.9
ILAR	Eielsen Array	48.27 328 P	P	00 44 54.5	-0.4
TORD	Torodi Ar. Bea	51.41 135 P	P	00 45 19.7	+0.4
NVAR	Mina Array Bea	56.28 290 P	P	00 45 59.9	+0.9
SOMM	Songino Array	69.58 28 P	P	00 47 23.8	-1.1
ASAR	Alice Springs	144.99 21 PKPbc	PKPbc	00 55 49.6	-1.1

ISCJ 27 00:45:42.0, 0.5, 17:94S-0:04:69.12W.0:04, h135km, 4km, mb4.5/4, Error ellipse: s-maj=6.5km s-min=5.0km

GUC 27 00:45:44.5, 0.6, 18:21S:69:09W, h135km, 14km, ML4.9, IDC 27 00:45:45.8, 0.5, 18:01S:69:10W, h153km, 3km, mb4.2/14, mb1.4/3.16, mb1mx4.2/2.3, mbmp4.6/16, MS3.8/1, Ms1.3/1, ms1mx3.1/2.3, Error ellipse: s-maj=13.0km s-min=9.4km az=122.0

BUI 27 00:45:45.4, 18:10S:69:00W, h146km, mb5.1/5, NEIC 27 00:45:45.2, 0.2, 18:06S:69:09W, mb4.6/42, Error ellipse: s-maj=7.4km s-min=5.2km az=51.0

NEIC Felt at Arica, ISC 27 00:45:44.6, 0.4, 18:10S:0:03:69:15W.0:05, h150km, 3km, h150km, p-P, n297, s117/325, mb4.5/3, 4C-2D, Northern Chile

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
MNMC	Minimini	1.10 202 Op	ISC	00 46 09.3	-1.3
MNMC		iS	Sn	00 46 28.0	-2.5
MNMC		AML	AML	00 46 34.7	
LPAZ	La Paz	2.05 28 P	Pn	00 46 22.6	+1.5
LPAZ	comp=E, 744nm, 0.3s, baz=223, slow=6.6		S	00 46 49.1	+0.3
LPAZ	comp=E, 671nm, 19.0s, baz=218, slow=42		LR	00 47 07.7	
LPAZ	La Paz	2.05 28 P	Pn	00 46 22.6	+1.5
LPAZ	La Paz	2.05 28 P	Sn	00 46 49.8	+0.9
LPAZ	La Paz	2.05 28 P	Pn	00 46 22.4	+1.5
LPAZ	La Paz	2.05 28 P	eSn	00 46 47.8	-1.1
ARE	Arequipa	2.77 306 Op	Pn	00 46 26.8	-2.6
ARE		iS	Pn	00 46 59.2	-4.7
PB01	IPOC Station P	2.94 186 Op	Pn	00 46 30.1	-1.2
PB01		iS	Pn	00 47 04.1	-3.4
PB01		AML	AML	00 47 04.7	
PB09	IPOC Station P	3.67 181 Op	Pn	00 46 40.4	-0.4
LVC	Limon Verde	4.49 177 P	Pn	00 46 51.5	-0.1
LVC	comp=N, 10um, 0.3s, baz=268, slow=22, SNR=16		S	00 47 40.5	-3.2
LVC	Limon Verde	4.49 177 ePn	Pn	00 46 51.6	0.0
LVC		eSn	Sn	00 47 39.2	-4.5
SIV	San Ignacio	8.01 76 P	Pn	00 47 37.9	-0.4
SAML	Samuel	10.79 33 ePn	Pn	00 48 12.9	-2.3
SAML		eSn	Pn	00 50 07.2	-7.4
CFAA	Coronel Fontan	13.47 177 P	Pn	00 48 46.3	-3.5
CFAA	comp=N, 0.3nm, 0.3s, baz=352, slow=11, SNR=10		S	00 51 07.2	-12
CPUP	Villa Florida	13.66 129 P	Pn	00 48 50.8	-1.4
ATAH	Atahualpa	14.14 319 P	Pn	00 48 57.8	-1.1
U73B	San Pedro	15.88 187 ePn	Pn	00 49 15.6	-4.2
U65B	Hualaeo	16.96 187 eP	Pn	00 49 28.9	-3.5
PTGA	Pitinga	19.48 29 P	Pn	00 49 59.2	-0.9
PTGA	comp=N, 5.2nm, 0.3s, baz=222, slow=23, SNR=52		S	00 53 28.1	-4.2
PTGA	Pitinga	19.48 29 eP	Pn	00 49 59.2	-0.9
PTGA	comp=N, 63nm, 1.5s		eS	00 53 26.4	-5.9

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
				h m s	ISC
BDFB	Brasilia	20.37 86 P	P	00 50 10.3	+0.4
OTAV	Otavalo	20.39 332 eP	Pn	00 50 13.2	-1.1
TRQA	Torquay	20.85 164 eP	P	00 50 14.9	+0.3
TRQA	Fort de France	33.57 14 eS	S	00 50 41.2	+2.3
DFD	Fort de France	33.57 14 eP	P	00 52 07.7	-2.9
EFI	Gas Falkland	34.63 168 eP	P	00 52 20.2	+0.9
RCBR	Riachuelo	34.66 74 eP	P	00 52 19.7	-0.5
USHA	Ushakov	36.66 179 P	P	00 52 38.0	+1.4
035A	Encino	52.86 327 P	P	00 54 46.6	+1.6
736A	Circle Diamond	54.00 330 P	P	00 54 54.7	+1.4
933A	Laredo	54.01 327 P	P	00 54 54.0	+0.5
834A	Tilden	54.05 328 P	P	00 54 54.7	+0.9
833A	Chaparral WMA	54.06 327 P	P	00 54 58.1	+0.1
733A	Divot King Ran	54.92 327 P	P	00 54 59.9	-0.1
832A	Fair Ranch, C	54.92 326 P	P	00 55 00.5	+0.5
732A	Laxson Ranch,	55.27 327 P	P	00 55 02.3	-0.2
239A	Gary	55.43 334 P	P	00 55 04.7	+1.1
633A	Saathoff Ranch	55.46 328 P	P	00 55 03.7	-0.2
534A	Blanco	55.57 329 P	P	00 55 04.0	-0.7
632A	Uvalde	55.80 328 P	P	00 55 06.4	0.0
434A	Burnet	56.12 330 P	P	00 55 08.8	+0.2
631A	Perdido Creek	56.14 327 P	P	00 55 08.4	-0.3
138A	Matatal Enter	56.25 334 P	P	00 55 10.0	+0.6
236A	Katherine and	56.31 332 P	P	00 55 09.9	+0.1
532A	Rocksprings	56.37 328 P	P	00 55 10.3	-0.1
433A	Art	56.47 329 P	P	00 55 10.6	-0.4
334A	Lometa	56.54 330 P	P	00 55 11.2	-0.3
JCT	Junction City	56.60 328 P	P	00 55 12.2	+0.2
238A	Mt. Pleasant	56.72 334 P	P	00 55 12.9	+0.2
531A	Rocksprings	56.72 327 P	P	00 55 12.9	0.0
333A	Richland Spring	56.89 329 P	P	00 55 13.6	-0.4
432A	Menard	56.92 328 P	P	00 55 14.2	-0.1
Y39A	Locksburg	56.95 335 P	P	00 55 14.5	+0.1
234A	Clairette	57.05 331 P	P	00 55 15.2	+0.1
530A	J.O Ranch, Com	57.12 327 P	P	00 55 15.6	-0.1
431A	Sonora	57.17 328 P	P	00 55 15.8	-0.2
MIAR	Mount Ida	57.28 336 P	P	00 55 16.2	-0.6
MIAR	Mount Ida	57.28 336 eP	P	00 55 16.1	-0.6
332A	Millersview	57.31 329 P	P	00 55 16.6	-0.3
237A	White-Moore Ra	57.35 333 P	P	00 55 17.1	-0.1
233A	Rising Star	57.42 330 P	P	00 55 17.3	-0.4
134A	White-Moore Ra	57.50 331 P	P	00 55 18.1	-0.1
529A	Stev Forest Ra	57.57 326 P	P	00 55 18.9	+0.1
430A	Baggett Ranch,	57.58 327 P	P	00 55 18.6	-0.3
331A	San Angelo,	57.59 328 P	P	00 55 18.2	-0.7
Y37A	Hugo	57.61 334 P	P	00 55 19.2	+0.2
232A	Coleman	57.67 329 P	P	00 55 19.3	-0.2
TXAR	Lajitas Array	57.74 324 P	P	00 55 19.8	-0.3
TXAR	comp=N, 1.1nm, 0.8s, baz=151, slow=8.0, SNR=8.5		pP	00 55 54.7	-0.5
TX31	Lajitas Ar. Si	57.74 324 eP	P	00 55 19.6	-0.5
429A	Davenport Cr	57.79 327 P	P	00 55 20.2	-0.1
X38A	Whitesboro	57.89 335 P	P	00 55 21.0	+0.1
133A	Hamilton Ranch	57.91 330 P	P	00 55 21.0	-0.1
X37A	Clayton	58.04 335 P	P	00 55 22.0	+0.1
330A	Mertzton	58.04 328 P	P	00 55 21.5	-0.6
X34A	Collier Ranch,	58.09 332 P	P	00 55 22.3	-0.1
W38A	Poteau	58.11 336 P	P	00 55 22.7	+0.2
PBMO	Poplar Bluff	58.17 340 eP	P	00 55 21.9	-0.9
ABTX	Abilene, Hawle	58.27 330 P	P	00 55 23.6	0.0
ABTX	Abilene, Hawle	58.27 330 eP	P	00 55 22.7	-0.9
Z33A	Whitaker Ranch,	58.41 331 P	P	00 55 24.5	-0.1
X36A	Centrahoma	58.43 334 P	P	00 55 24.1	-0.5
Y34A	Reagan Ranch,	58.51 332 P	P	00 55 25.6	+0.3
329A	Wagon Wheel Ra	58.52 327 P	P	00 55 25.1	-0.4
W37A	Quinton	58.53 335 P	P	00 55 25.2	-0.2
X35A	Drake	58.55 333 P	P	00 55 25.5	-0.1
SIUC	Southern Illin	58.65 341 eP	P	00 55 26.0	-0.1
SIUC		eP	pP	00 56 01.1	-0.1
131A	Roby	58.67 329 P	P	00 55 26.4	-0.1
229A	Bryant Ranch,	58.81 328 P	P	00 55 26.9	-0.6
W36A	Wetuma	58.86 334 P	P	00 55 27.4	-0.3
130A	Snyder	58.89 329 P	P	00 55 27.8	-0.2
V37A	Hubbert	59.07 335 P	P	00 55 29.3	+0.2
Z31A	Sharp Cattle R	59.08 330 P	P	00 55 29.4	+0.1
X34A	Smith Ranch, M	59.09 333 P	P	00 55 29.5	+0.3
V36A	Jenks	59.30 335 P	P	00 55 30.9	+0.2
Z32A	R-V Farms, Ver	59.32 331 P	P	00 55 30.7	-0.1
TUL1	Tulsa	59.35 335 P	P	00 55 30.	

27d 1h

Table of station data for 27d 1h, including station names like PFO Pinyon Flat Ob, PFO Pinyon Flat Ob, 020A White River Ci, etc., with columns for Code, Station Name, Az, Az', Phase ID, Time, Res, and ISC.

2010 SEP

Table of station data for 2010 SEP, including station names like MAW Mawson, MAW Mawson, MAA Yellowknife Ar, etc., with columns for Code, Station Name, Az, Az', Phase ID, Time, Res, and ISC.

MAN 27 01:00:35, 11°28'N, 124.78°E, h28km, mb3.6, ML2.3, MS1.8, 1250

Table of station data for MAN 27 01:00:35, including station names like Code Station Name, Az, Az', Phase ID, Time, Res, and ISC.

GUC 27 01:17:56.7±0.4, 20°30'S, 70°10'W, h44km, 3km, ML3.6, 1D, Near coast of northern Chile

Table of station data for GUC 27 01:17:56.7, including station names like Code Station Name, Az, Az', Phase ID, Time, Res, and ISC.

ISCJB 27 01:18:08.8±0.6, 51°14'N, 0°05'173.64W±0.07, h10km, mb3.9/1.4, Error ellipse: s-maj=7.5km s-min=6.5km az=14.1

Table of station data for ISCJB 27 01:18:08.8, including station names like Code Station Name, Az, Az', Phase ID, Time, Res, and ISC.

NEIC 27 01:18:11.0, 51°27'N, 173.72°W, h7km, ML3.6(AEIC), After AEIC

Table of station data for NEIC 27 01:18:11.0, including station names like Code Station Name, Az, Az', Phase ID, Time, Res, and ISC.

IDC 27 01:18:16.6±1.4, 52°40'N, 174°58'W, h0km, mb3.9/1.4, mb1.3/9.15, mb1mx3.7/5.7, mbtmp3.8/15, ML1/1, Error ellipse: s-maj=40.0km s-min=17.5km az=178.0

Table of station data for IDC 27 01:18:16.6, including station names like Code Station Name, Az, Az', Phase ID, Time, Res, and ISC.

ISC 27 01:18:11.4±0.9, 51°31'N, 0°09'173.75W±0.05, h10km, n37, c079/33, mb3.9/1.4, Andean/Os Islands

Table of station data for ISC 27 01:18:11.4, including station names like Code Station Name, Az, Az', Phase ID, Time, Res, and ISC.

ISCJB 27 01:25:59.9±0.5, 36°25'N, 0°04'118E±0.05, h27km, 7km, Error ellipse: s-maj=7.3km s-min=5.8km az=39.3

Table of station data for ISCJB 27 01:25:59.9, including station names like Code Station Name, Az, Az', Phase ID, Time, Res, and ISC.

CRAAG 27 01:26:00.3±0.2, 36°23'N, 1°11'E, h10km, ML2.7/1.3, Error ellipse: s-maj=5.8km s-min=4.4km az=53.0

Table of station data for CRAAG 27 01:26:00.3, including station names like Code Station Name, Az, Az', Phase ID, Time, Res, and ISC.

MDD 27 01:26:00.1±1.9, 36°20'N, 1°11'E, h0km, mb3.4/2.1, Error ellipse: s-maj=19.4km s-min=12.1km az=152.0, PRXIMO

Table of station data for MDD 27 01:26:00.1, including station names like Code Station Name, Az, Az', Phase ID, Time, Res, and ISC.

ISC 27 01:26:00.1±1.1, 36°18'N, 0°04'118E±0.04, h23km, 9km, n60, c147/87, 1C, Northern Algeria

Table of station data for ISC 27 01:26:00.1, including station names like Code Station Name, Az, Az', Phase ID, Time, Res, and ISC.

Table with columns: Code, Station Name, Az, Az*, Phase ID, Time, Res, h, m, s, ISC. Includes stations like EMUR, EBEN, ENIJ, EIBI, ETOB, EBER, EHUE, GORA, EQES, EVIA, EQU, EMO, EMOS, EMIJ, EADA, EADC, ESDC, ESCD, ECAB, CSOR, and ASAR.

Table with columns: Code, Station Name, Az, Az*, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ROSC, PCRV, LPAZ, TORD, and ASAR.

Table with columns: Code, Station Name, Az, Az*, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA, HKR, CUKT, GEVA, TVAN, VANB, SIRT, SIRN, MSL, CLDR, BTMT, DYDN, TUTA, BEST, NAX, SVAN, EKAR, IKRK, MARD, VRTB, KBSD, MAZI, BNGB, BINT, DYBB, EZM, MZKR, KARS, SFNV, GANJ, SVRC, QZX, QZK, PTK, LKR, LRK, BRDA, GLBA, URFA, BAYT, LKRN, SEKA, ZKTA, IBDR, SLMH, ATGJ, QUBA, SIZA, RTB, BTCH, BTCH, BTCH, KFR, KFR, KFR, WRDH, WRDH, WRDH.

Table with columns: Code, Station Name, Az, Az*, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BIDA, HAWK, ZALF, SALA, DZET, SFK, DLH, MNAS, KK31, AAK, AAK, AAK, SDNR, SMLA, SMLA, GEYT, GEYT, MK31, KURBB, BVAR, AKTO, AKTO, ZALV, GNI, BRTR, FINES, ARCRES, NB2, NOA, ESDC, TORD, INK, MAN, MAN, BUI, DJA, AUST, and ISG.

27d 1h

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like TMTI Ternate, MRSI Marisa, KKM Kota Kinabalu, etc.

2010 SEP

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like HHC Hu-ho-hao-te, HHC 35nm,0.8s, HHC 79nm,6.8s, etc.

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Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like COLD Coldfoot, MCK McKinley, COLA College, etc.

GUC 27 01:40:07.6:0.4, 32°38'Sx71°85'W, h24km, 10km, ML3.0
ISC 27 01:40:08.9:2.6, 32°51'S, 0°06:71.9W, 0.1, h8km, 13km, n17,
c1906/22, 2D, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, and Residual. Includes stations like ROCI El Roble, PEL Peldehue, RCDM Rinconada Maip, etc.

IDC 27 01:42:45.7:0.9, 32°83'Sx73°15'W, h0km, mb4.0/8,
mb1 4.1/10, mb1mx4.0/26, mbtmp4.0/10, ML3.7/2, MS2.6/2,
Ms1 2.6/2, ms1mx2.5/20, Error ellipse: s-maj=25.9km
s-min=22.6km az=127.0

GUC 27 01:42:50.0:0.6, 32°38'Sx73°01'W, h8km, 5km, ML4.1
ISC 27 01:42:46.9:2.2, 32°30'S, 0°06:73.09W, 0.07, h6km, 12km,
n38, c1928/45, mb3.9/7, 4C-3D, Off coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, and Residual. Includes stations like IHA Instituto Hidr, ROCI El Roble, TACH Talagante, etc.

IDC 27 05:44:05.0-8.5, 16°23'S-173°33'W, h0km, mb3.7/2, mb1 3.9/3, mb1mx3.6/28, mbtmp3.7/3, ML3.3/1, Error ellipse: s-maj=368.1km s-min=29.4km az=138.0, Tonga Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
AFI	Afiamau	2.75	33	Op	h m s	ISC
AFI	4.8nm, 0.3s, baz=66, slow=19, SNR=3.3			Pn	04 54 49.1	-1.5
WRA	Warramunga Arr	49.73	257	P	05 02 58.9	-0.6
ASAR	Alce Springs	49.92	253	P	05 03 00.3	-0.6
BRTR	Keakin Array B	146.84	320	PKPbc	05 13 50.8	-0.2

WEL 27 05:14:39.6-0.1, 43°64'S-172°22'E, h10km, ML3.5/13, 4C-3D, Error ellipse: s-maj=0.5km s-min=0.5km az=0.0, South Island

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
CRZL	Canterbury Las	0.30	79	Op	h m s	ISC
CRZL	0.2nm, 0.6s, baz=95, slow=6, SNR=5.5			Pg	05 14 45.9	+0.3
MOZ	McQueen's Vall	0.32	103	Op	h m s	ISC
MOZ	0.2nm, 0.3s, baz=130, slow=23, SNR=1.1			Pg	05 14 49.0	+0.3
OXF	Oxford	0.34	337	Op	h m s	ISC
OXF	0.2nm, 0.6s, baz=95, slow=6, SNR=5.5			Pg	05 14 51.1	+0.2
RPZ	Rata Peaks	0.85	264	Op	h m s	ISC
RPZ	0.2nm, 0.3s, baz=130, slow=23, SNR=1.1			Pg	05 15 07.7	-0.4
LTZ	Lake Taylor	0.85	2	Op	h m s	ISC
LTZ	0.2nm, 0.6s, baz=95, slow=6, SNR=5.5			Pg	05 15 07.7	-0.4
WVZ	Waitaha Valley	1.22	297	Op	h m s	ISC
WVZ	0.2nm, 0.3s, baz=130, slow=23, SNR=1.1			Pn	05 15 01.5	-1.1
KAH	Kahutara	1.56	39	Op	h m s	ISC
KAH	0.2nm, 0.3s, baz=130, slow=23, SNR=1.1			Pn	05 15 05.4	-1.8
LBZ	Lake Benmore	1.65	242	Op	h m s	ISC
LBZ	0.2nm, 0.3s, baz=130, slow=23, SNR=1.1			Pn	05 15 07.3	-1.3
OTD	Otahua Downs	1.81	218	Op	h m s	ISC
OTD	0.2nm, 0.3s, baz=130, slow=23, SNR=1.1			Pn	05 15 33.7	-1.6
FOX	Fox Glacier	1.84	271	Op	h m s	ISC
FOX	0.2nm, 0.3s, baz=130, slow=23, SNR=1.1			Pn	05 15 09.6	-1.6
TOP	Topohue	1.94	15	Op	h m s	ISC
TOP	0.2nm, 0.3s, baz=130, slow=23, SNR=1.1			Pn	05 15 11.0	-1.7
BSW	Blackbirch Sta	2.27	33	Op	h m s	ISC
BSW	0.2nm, 0.3s, baz=130, slow=23, SNR=1.1			Pn	05 15 15.7	-1.5
JCB	Jackson Bay	2.54	259	Op	h m s	ISC
JCB	0.2nm, 0.3s, baz=130, slow=23, SNR=1.1			Pn	05 15 20.3	-0.7
NEL	Nelson	2.56	20	Op	h m s	ISC
NEL	0.2nm, 0.3s, baz=130, slow=23, SNR=1.1			Pn	05 16 07.2	-1.1
WNA	Wanaka	2.59	242	Op	h m s	ISC
WNA	0.2nm, 0.3s, baz=130, slow=23, SNR=1.1			Pn	05 16 06.0	-1.1
EAS	Earnsclough	2.63	232	Op	h m s	ISC
EAS	0.2nm, 0.3s, baz=130, slow=23, SNR=1.1			Pn	05 15 20.3	-1.7
QRT	Quartz Range	2.81	5	Op	h m s	ISC
QRT	0.2nm, 0.3s, baz=130, slow=23, SNR=1.1			Pn	05 15 23.1	-1.5
TCW	Tory Channel	2.86	33	Op	h m s	ISC
TCW	0.2nm, 0.3s, baz=130, slow=23, SNR=1.1			Pn	05 15 23.3	-1.9
TUZ	Tuapeka	2.96	218	Op	h m s	ISC
TUZ	0.2nm, 0.3s, baz=130, slow=23, SNR=1.1			Pn	05 15 24.8	-1.8
PAL	Palliser	3.04	46	Op	h m s	ISC
PAL	0.2nm, 0.3s, baz=130, slow=23, SNR=1.1			Pn	05 16 24.6	-2.6
CAN	Cannon Point	3.29	41	Op	h m s	ISC
CAN	0.2nm, 0.3s, baz=130, slow=23, SNR=1.1			Pn	05 15 28.5	-2.7
OGW	Otagi George	3.57	39	Op	h m s	ISC
OGW	0.2nm, 0.3s, baz=130, slow=23, SNR=1.1			Pn	05 15 32.1	-2.8
SYZ	Scrubby Hill	3.63	216	Op	h m s	ISC
SYZ	0.2nm, 0.3s, baz=130, slow=23, SNR=1.1			Pn	05 16 07.7	-1.1
MRZ	Mangatainoka R	3.88	41	Op	h m s	ISC
MRZ	0.2nm, 0.3s, baz=130, slow=23, SNR=1.1			Pn	05 15 36.6	-2.7
BFZ	Birch Farm	4.20	47	Op	h m s	ISC
BFZ	0.2nm, 0.3s, baz=130, slow=23, SNR=1.1			Pn	05 15 40.6	-3.1

IDC 27 05:23:33.6-2.9, 12°83'S-72°59'W, h0km, mb3.3/2, mb1 3.7/3, mb1mx3.6/21, mbtmp3.4/3, ML3.9/1, Error ellipse: s-maj=125.7km s-min=31.5km az=38.0, Central Peru

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
LPAZ	La Paz	5.52	129	Op	h m s	ISC
LPAZ	0.2nm, 0.3s, baz=301, slow=5, SNR=5.5			Pn	05 24 58.2	+0.2
TXAR	Lajitas Array	51.54	325	Op	h m s	ISC
TXAR	0.2nm, 0.3s, baz=150, slow=7, SNR=4.5			Pg	05 32 42.2	+0.5
TORD	Tordi Ar. Bea	78.03	73	Op	h m s	ISC
TORD	0.3nm, 0.9s, baz=236, slow=6.8, SNR=2.1			P	05 35 34.9	+0.2
SONM	Songino Array	145.09	1	PKPbc	05 43 10.9	-1.8
SONM	0.3nm, 0.6s, baz=5.7, slow=1.4, SNR=2.4			PKPbc		

JMA 27 05:31:00.3-0.2, 24°38'N-123°26'E, h27km, M1.7, Southwestern Ryukyu Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
YOJ	Yonaguni jima	0.47	209	Op	h m s	ISC
YOJ	0.2nm, 0.3s, baz=301, slow=5, SNR=5.5			Pb	05 31 09.7	-0.5
JYNG	Yonagunijimaku	0.51	214	P	05 31 16.4	-0.5
JYNG	0.2nm, 0.3s, baz=301, slow=5, SNR=5.5			Pb	05 31 10.6	-0.2
IRIF	Iriomote-Funau	0.69	142	P	05 31 17.5	-0.5
IRIF	0.2nm, 0.3s, baz=301, slow=5, SNR=5.5			Pb	05 31 13.4	-0.4
JKRS	Kuro-shima	0.94	133	P	05 31 23.0	+0.1
JKRS	0.2nm, 0.3s, baz=301, slow=5, SNR=5.5			Pb	05 31 16.9	-0.8
IJI	Ishigaki jima	0.95	122	P	05 31 29.4	-0.5
IJI	0.2nm, 0.3s, baz=301, slow=5, SNR=5.5			Pb	05 31 30.5	0.0
HATJ	Hateruma jima	0.96	149	P	05 31 30.4	-0.2
HATJ	0.2nm, 0.3s, baz=301, slow=5, SNR=5.5			Pb	05 31 30.4	-0.2

TAP 27 05:31:52.9, 24°21'N-121°88'E, h19km, 1km, ML2.8/D, Taiwan

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
ENA	Nanau	0.25	330	Op	h m s	ISC
ENA	0.2nm, 0.3s, baz=301, slow=5, SNR=5.5			Pg	05 31 59.1	+0.3
3N1	Chiawan	0.29	243	eS	05 32 04.0	+1.2
3N1	0.2nm, 0.3s, baz=301, slow=5, SNR=5.5			eS	05 31 59.9	+0.4
TWD	Tuapeka	0.40	356	P	05 32 04.5	+0.7
TWD	0.2nm, 0.3s, baz=301, slow=5, SNR=5.5			P	05 32 04.5	+0.7
TWC	Tuapeka	0.40	356	P	05 32 01.4	0.0
TWC	0.2nm, 0.3s, baz=301, slow=5, SNR=5.5			P	05 32 01.4	0.0
ENTT	Nicoudou	0.51	327	eS	05 32 08.1	+0.9
ENTT	0.2nm, 0.3s, baz=301, slow=5, SNR=5.5			eS	05 32 08.1	+0.9
ENTT	Nicoudou	0.51	327	eS	05 32 03.9	+0.5
ENTT	0.2nm, 0.3s, baz=301, slow=5, SNR=5.5			eS	05 32 03.9	+0.5
NNS	Nan Shan	0.51	297	eP	05 32 11.6	+1.2
NNS	0.2nm, 0.3s, baz=301, slow=5, SNR=5.5			eP	05 32 11.6	+1.2
NNS	Nan Shan	0.51	297	eP	05 32 03.7	+0.1
NNS	0.2nm, 0.3s, baz=301, slow=5, SNR=5.5			eP	05 32 03.7	+0.1
TWE	Neicheng	0.54	339	eP	05 32 11.5	+0.9
TWE	0.2nm, 0.3s, baz=301, slow=5, SNR=5.5			eP	05 32 11.5	+0.9
TWE	Neicheng	0.54	339	eP	05 32 04.0	+0.1
TWE	0.2nm, 0.3s, baz=301, slow=5, SNR=5.5			eP	05 32 04.0	+0.1
WHF	Hehuan Shan	0.56	263	eP	05 32 12.5	+1.3
WHF	0.2nm, 0.3s, baz=301, slow=5, SNR=5.5			eP	05 32 12.5	+1.3
WHF	Hehuan Shan	0.56	263	eP	05 32 13.3	+0.5
WHF	0.2nm, 0.3s, baz=301, slow=5, SNR=5.5			eP	05 32 13.3	+0.5
ESL	Shilin	0.57	226	eP	05 32 04.9	+0.5
ESL	0.2nm, 0.3s, baz=301, slow=5, SNR=5.5			eP	05 32 04.9	+0.5
ESL	Shilin	0.57	226	eP	05 32 13.9	-0.8
ESL	0.2nm, 0.3s, baz=301, slow=5, SNR=5.5			eP	05 32 13.9	-0.8
EGS	Suo	0.63	5	eP	05 32 06.9	+0.1
EGS	0.2nm, 0.3s, baz=301, slow=5, SNR=5.5			eP	05 32 06.9	+0.1
EGS	Suo	0.63	5	eP	05 32 16.1	-0.3
EGS	0.2nm, 0.3s, baz=301, slow=5, SNR=5.5			eP	05 32 16.1	-0.3
TWT	Tachien	0.64	274	eP	05 32 15.7	+0.9
TWT	0.2nm, 0.3s, baz=301, slow=5, SNR=5.5			eP	05 32 15.7	+0.9
NSK	Sanguang	0.66	315	eP	05 32 06.9	0.0
NSK	0.2nm, 0.3s, baz=301, slow=5, SNR=5.5			eP	05 32 06.9	0.0
NSK	Sanguang	0.66	315	eP	05 32 15.7	+0.5
NSK	0.2nm, 0.3s, baz=301, slow=5, SNR=5.5			eP	05 32 15.7	+0.5

0.81 341 eS Sn 05 32 20.7 -0.1

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
WDT	Mucha	0.81	341	eS	05 32 20.7	-0.1
WDT	0.2nm, 0.3s, baz=235			Pb	05 32 08.9	0.0
WDT	Danda	0.82	236	eP	05 32 20.6	0.0
WDT	0.2nm, 0.3s, baz=235			eS	05 32 20.6	0.0
NWF	Wu-fen Shan	0.86	354	eP	05 32 09.8	-0.1
NWF	0.2nm, 0.3s, baz=354			Pg	05 32 09.8	-0.1
NSTT	Nanjiang	0.90	298	eP	05 32 12.2	-0.2
NSTT	0.2nm, 0.3s, baz=354			Pg	05 32 12.2	-0.2
NSTT	Nanjiang	0.90	298	eP	05 32 22.0	+0.3
NSTT	0.2nm, 0.3s, baz=354			Pg	05 32 22.0	+0.3
SMLT	Sun Moon Lake	0.95	250	eP	05 32 22.5	-0.1
SMLT	0.2nm, 0.3s, baz=297			Pg	05 32 22.5	-0.1
TYC	Yuchr	0.98	252	eP	05 32 12.3	+0.6
TYC	0.2nm, 0.3s, baz=251			Pg	05 32 12.3	+0.6
TYC	Yuchr	0.98	252	eP	05 32 26.2	+1.2
TYC	0.2nm, 0.3s, baz=251			Pg	05 32 26.2	+1.2
YUS	Yu-Shan	1.11	230	eP	05 32 13.5	-0.6
YUS	0.2nm, 0.3s, baz=229			Pn	05 32 13.5	-0.6
YUS	Yu-Shan	1.11	230	eP	05 32 29.4	+0.1
YUS	0.2nm, 0.3s, baz=229			Pn	05 32 29.4	+0.1
CHNS	Tsauling	1.25	241	eP	05 32 16.3	+0.2
CHNS	0.2nm, 0.3s, baz=240			Pb	05 32 16.3	+0.2
CHNS	Tsauling	1.25	241	eP	05 32 33.5	-0.5
CHNS	0.2nm, 0.3s, baz=240			Pb	05 32 33.5	-0.5
CHNI	Nanshi	1.60	231	eS	05 32 42.0	+0.1
CHNI	0.2nm, 0.3s, baz=230			Sg	05 32 42.0	+0.1

IDC 27 05:35:26.3-2.0, 32°70'N-81°65'E, h0km, mb3.6/6, mb1 3.9/8, mb1mx3.5/43, mbtmp3.6/8, ML3.1/2, MS3.9/1, Ms1 3.9/1, ms

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BNGB Bing'ih, BAYT Ayud-tepe-Bay, DDEM Demirkent, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WHVZ Whangaeu Hut, TRUV Tukino, TRVZ Turoa, etc.

BUI 27 06:33:44.8, 9.745s; 119.13E, h5km, mb4.6/32, mB4.9/24, Ms4.6/17, Ms7.4/2/16
AUST 27 06:33:48.7, 2.4, 9.025s; 118.80E, h0km, Error ellipse:
s-maj=0.9km s-min=0.6km az=13.0
IDC 27 06:33:48.6, 0.6, 8.895s; 118.39E, h17km, 3km, mb3.9/12,
mb1.4/1.13, mb1mx4.0/30, mbtmp4.1/13, ML4.7/2, MS3.8/11,
Ms1.3/7.11, ms1mx3.5/37, Error ellipse: s-maj=20.9km
s-min=11.0km az=63.0
NEIC 27 06:33:50.4, 0.5, 9.135s; 118.78E, h10km, mb4.8/9, Error
ellipse: s-maj=10.9km s-min=7.7km az=26.0
NEIC Feb 11/11 at BIMA,
DJA 27 06:33:51.7, 0.1, 9.2S; 2.119E, h10km, M4.9/42,
Ms0.4/2, mB5.4/16, MLV5.2/32, Mw(mB)4.8/16
ISC 27 06:33:52.0, 0.4, 9.165s; 0.04, 118.79E, 0.03, h19km, 1km,
h18km; P-P, n149, c2515/156, mb4.3/25, MS3.8/9, 1C,
Subway region

SKHL 27 06:02:33.3, 1.4, 44.85N; 151.17E, h34km, 5km, mb4.7/4
ISCJB 27 06:02:34.2, 0.8, 44.98N; 0.10, 151.00E, 0.08, h35km,
mb3.7/6, MS3.3/1, Error ellipse: s-maj=14.6km
s-min=7.3km az=165.6

JMA 27 06:02:35.1, 0.8, 45.39N; 150.87E, h30km, M4.5
IDC 27 06:02:39.3, 6.1, 45.16N; 150.76E, h60km, 52km, mb3.5/6,
mb1.3/7.7, mb1mx3.4/32, mbtmp3.8/7, ML3.7/1, MS3.3/1,
Ms1.3/3.1, ms1mx2.7/28, Error ellipse: s-maj=39.7km
s-min=26.4km az=81.0

MOS 27 06:02:39.4, 1.5, 45.09N; 150.49E, h73km, mb4.1/3, Error
ellipse: s-maj=30.5km s-min=20.7km az=172.1
ISC 27 06:02:36.1, 0.9, 45.05N; 0.11, 150.98E, 0.08, h35km, n38,
c108/33, mb3.7/6, 2D, East of Kuril Islands

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KUR Kuril'sk, SHO Shikotan, YUK Yuzh-Kuril'sk, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MXZ Matakaoa Point, TMWZ Te Maipa, TCWZ Tony Channel, etc.

ISCJB 27 06:20:19.6, 0.6, 8.88S; 0.08x111.47E; 0.03, h80km, 11km,
mb3.5/5, Error ellipse: s-maj=13.0km s-min=5.5km az=7.0
IDC 27 06:20:19.5, 2.8, 8.33S; 111.58E, h86km, 27km, mb3.3/5,
mb1.3/5.7, mb1mx3.3/24, mbtmp3.7/7, Error ellipse:
s-maj=37.2km s-min=17.3km az=46.0
DJA 27 06:20:21.8, 0.5, 9.5S; 5.11E, h61km, 7km, M4.2/17,
MLV4.2/17

ISC 27 06:20:20.2, 0.9, 8.75S; 0.08x111.45E; 0.04, h96km, 9km,
n27, c141/30, mb3.5/5, Jawa

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PCJL Pacitan, WONGI Wonogiri, UGM Wanagama, etc.

SJA 27 06:22:16.5, 0.6, 29.59S; 67.80W, h117km, 4km, ML3.2,
MW3.5, La Rioja Province

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ACLC CERRO LA CRUZ, VCA Vinchina, AVFE Valle Fertill, etc.

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WSI Waingapu, TWSI Taliwang, BANI Baing, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like BKN, PPI, ASAR, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like HHC, GTA, MDJ, etc.

Table with columns: Station Name, Frequency, Power, Direction, Azimuth, Elevation, etc. Includes stations like TKGZ, RAGZ, RRRZ, etc.

NEIC 27 06:08.4, 37.03S-177.39E, h142km, MG4.8(WEL), After WEL, WEL 27 06:08.9, 0.2, 37.06S-177.37E, h139km, 2km, ML4.8/23, 13C-5D, Error ellipse: s-maj=1.7km s-min=1.4km az=0.0, Off east coast of North Island

Table with columns: Code, Station Name, Azimuth, Elevation, Time, Res. Includes stations like WIZ, WIZ, HAZ, etc.

27d 6h

Table with columns: PAWZ, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Includes stations like Paruwai Farm, Wellington, South Karori, Baring Head, etc.

BUJ 27 06:43:06.9, 1.745s, 127.83E, h5km, mb4.9/42, mB4.9/32, Ms4.5/24, Ms7.4/3/21
IDC 27 06:43:13.2, 0.5, 1.15s, 127.29E, h0km, mb4.5/18, mb1.4/6/20, mb1mx4.4/36, mbtmp4.5/20, ML4.6/22, MS3.5/4, Ms1.3.5/4, ms1mx3.1/35, Error ellipse: s-maj=6.2km s-min=10.1km az=76.0

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Includes stations like Labuha, Ternate, Namlea, Masohi, Cibinong, Sorong, Luwuk, Marisa, Ampanga, Kendari, Marisa, Ampanga, Kendari, Marisa, etc.

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Table with columns: JAGI, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Includes stations like Jajag, Banyuwu, Ngawi, Fitriy Crossi, Karang Pucung, etc.

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Table with columns: MJAR, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy. Includes stations like Matushiro Arr, Chengdu, Mangrove Creek, Canberra, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KASHI, YAKUTSK, KARATAY ARRAY, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KURCHATOV ARR, BOROYEV ARR, etc.

ellipse: s-maj=44.0km s-min=29.2km az=132.0
 ISCJB 27 08:48:32.4,0.2,42.52S,01.03:172.99E,0.0,4,h15km
 mb3.4/2,Error ellipse: s-maj=5.7km s-min=2.4km az=37.6
 WEL 27 08:48:32.9,0.2,42.48S,173.04E,0.1km,ML3.4/5.0,
 Error ellipse: s-maj=2.0km s-min=1.0km az=90.0
 WEL Felt from West Coast to Canterbury, maximum reported
 intensity MM 5.
 NEIC 27 08:48:33.3,42.45S,172.99E,h8km,ML4.2(WEL),After
 WEL.

NEIC Felt [IV] at Hanmer Springs and Waiau.
 ISC 27 08:48:32.9,0.2,42.52S,01.03:173.03E,0.0,3,h15km,n164,
 r128/165,3C-6D, South Island

Code	Station Name	Δ° AZ°	Phase ID	ISC Op	Time Res	ISC h m s ISC
KHZ	Kahutara	0.39 75	Op	Pb	08 48 42.3	+0.8
KHZ			AML	AML	08 48 48.7	
KHZ			AML	AML	08 48 48.9	
LTZ	Kahutara	0.39 75	eP	Pb	08 48 42.2	+0.8
LTZ	Lake Taylor	0.62 245	eP	Pg	08 48 44.9	-0.2
LTZ			AML	AML	08 48 58.6	
LTZ			AML	AML	08 48 59.1	
LTZ	Lake Taylor	0.62 245	eP	Pg	08 48 44.9	-0.2
THZ	Tophouse	0.76 353	Op	Pg	08 48 46.1	-1.6
THZ			AML	AML	08 48 48.7	
THZ			AML	AML	08 48 58.6	
BSWZ	Blackbirch Sta	1.02 38	P*	Pb	08 48 51.8	-0.4
BSWZ			AML	AML	08 49 13.8	
BSWZ			AML	AML	08 49 14.0	
BSWZ	Blackbirch Sta	1.02 38	P*	Pb	08 48 51.7	-0.4
OXZ	Oxford	1.09 222	P*	Pn	08 48 53.8	+0.3
OXZ	Oxford	1.09 222	P*	Pn	08 48 53.8	+0.3
CRZL	Canterbury Las	1.10 196	P*	Pg	08 48 54.5	+0.3
CRZL			AML	AML	08 49 12.3	
CRZL			AML	AML	08 49 12.3	
CRZL	Canterbury Las	1.10 196	eP*	Pg	08 48 54.3	+0.3
CMWZ	Cape Campbell	1.17 49	eP*	Pg	08 48 56.3	+0.9
CMWZ			AML	AML	08 49 20.0	
CMWZ			AML	AML	08 49 21.2	
CMWZ	Cape Campbell	1.17 49	eP*	Pg	08 48 56.3	+0.9
DSZ	Denniston Nort	1.20 310	Op	Pb	08 48 54.4	-0.7
DSZ			AML	AML	08 49 10.7	
DSZ			AML	AML	08 49 11.8	
DSZ			AML	AML	08 49 11.9	
DSZ			AML	AML	08 49 11.9	
DSZ	Denniston Nort	1.20 310	Op	Pb	08 48 54.4	-0.7
MOZ	McQueen's Vall	1.22 193	P*	Pn	08 48 55.0	+0.1
MOZ			S*	Sg	08 49 12.1	-0.2
MOZ			AML	AML	08 49 21.7	
MOZ	McQueen's Vall	1.22 193	P*	Pn	08 48 55.3	-0.1
MOZ	Tuamarina	1.28 32	P*	Pn	08 48 56.0	-0.2
TUWZ			AML	AML	08 49 19.0	
TUWZ			AML	AML	08 49 19.2	
TUWZ	Tuamarina	1.28 32	P*	Pn	08 48 56.2	0.0
NNZ	Nelson	1.32 11	P*	Pn	08 48 55.8	-1.0
NNZ			AML	AML	08 49 17.3	
NNZ			AML	AML	08 49 17.3	
NNZ			AML	AML	08 49 19.2	
NNZ			AML	AML	08 49 19.2	
NNZ	Nelson	1.32 11	P*	Pn	08 48 55.8	-1.0
NCW	Tory Channel	1.60 36	PN	Pn	08 49 00.9	+0.3
TCW			AML	AML	08 49 29.3	
TCW			AML	AML	08 49 31.6	
TCW	Tory Channel	1.60 36	PN	Pn	08 49 00.9	+0.3
QRZ	Quartz Range	1.73 347	PN	Pn	08 49 02.3	-0.1
QRZ			AML	AML	08 49 24.8	
QRZ			AML	AML	08 49 24.8	
QRZ			AML	AML	08 49 25.2	
QRZ			AML	AML	08 49 25.2	
QRZ	Quartz Range	1.73 347	PN	Pn	08 49 02.3	-0.1
SNZO	South Karori	1.74 47	ePn	Sb	08 49 03.0	+0.6
SNZO			eSn	Sb	08 49 27.1	+1.0
BHW	Baring Head	1.76 52	PN	Pn	08 49 03.3	+0.5
BHW			AML	AML	08 49 42.9	
BHW			AML	AML	08 49 43.0	
BHW	Baring Head	1.76 52	PN	Pn	08 49 03.3	+0.5
WVZ	Waitaha Valley	1.78 251	Op	Pn	08 49 03.8	+0.8
WVZ			AML	AML	08 49 36.0	
WVZ	Waitaha Valley	1.78 251	PN	Pn	08 49 03.8	+0.8
WVZ	Wellington	1.79 47	PN	Pn	08 49 04.0	+0.3
WVZ	Wellington	1.79 47	PN	Pn	08 49 04.0	+0.3
DUWZ	D'Urville Isla	1.84 22	PN	Pn	08 49 04.4	+0.5
DUWZ			AML	AML	08 49 39.1	
DUWZ			AML	AML	08 49 39.7	
DUWZ	D'Urville Isla	1.84 22	PN	Pn	08 49 04.4	+0.5
RPZ	Rata Peaks	1.88 230	PN	Pn	08 49 04.8	+0.3
RPZ			Sn		08 49 27.3	-0.6
RPZ	94nm,0.3s,baz=234,slow=21,SNR=4.4					
RPZ	Rata Peaks	1.88 230	PN	Pn	08 49 04.6	+0.1
RPZ			AML	AML	08 49 28.2	
RPZ			AML	AML	08 49 33.0	
RPZ	Rata Peaks	1.88 230	PN	Pn	08 49 04.6	+0.1
PLWZ	Palliser	1.91 61	PN	Pn	08 49 05.0	+0.1
PLWZ	Palliser	1.91 61	PN	Pn	08 49 05.0	+0.1
MSWZ	Moikau Station	1.99 57	PN	Pn	08 49 05.0	+0.1
MSWZ			AML	AML	08 49 49.8	
MSWZ	Moikau Station	1.99 57	PN	Pn	08 49 06.0	+0.1
CAW	Cannon Point	2.07 48	PN	Pn	08 49 07.5	+0.3
CAW			AML	AML	08 49 51.1	
CAW			AML	AML	08 50 10.6	
CAW	Cannon Point	2.07 48	PN	Pn	08 49 07.5	+0.3
KIW	Kapiti Island	2.17 41	PN	Pn	08 49 09.2	+0.8
KIW			AML	AML	08 49 48.6	
KIW			AML	AML	08 49 51.4	
KIW	Kapiti Island	2.17 41	PN	Pn	08 49 09.2	+0.8
TRWZ	Traveller	2.27 61	PN	Pn	08 49 09.9	+0.1
TRWZ			AML	AML	08 50 03.1	
TRWZ			AML	AML	08 50 04.3	
TRWZ	Traveller	2.27 61	PN	Pn	08 49 09.9	+0.1
MTW	Mount Morrison	2.29 55	PN	Pn	08 49 09.7	-0.4
MTW			AML	AML	08 50 03.1	
MTW			AML	AML	08 50 07.3	
MTW	Mount Morrison	2.29 55	PN	Pn	08 49 09.7	-0.4
OGWZ	Otagi Gorge	2.33 44	PN	Pn	08 49 11.0	+0.3
OGWZ	Otagi Gorge	2.33 44	PN	Pn	08 49 11.0	+0.3
HOWZ	Holdsforth Sta	2.46 50	PN	Pn	08 49 12.2	+0.3
HOWZ	Holdsforth Sta	2.46 50	PN	Pn	08 49 12.2	+0.3
TMWZ	Te Maipa	2.56 58	PN	Pn	08 49 13.4	-0.5
TMWZ	Te Maipa	2.56 58	PN	Pn	08 49 13.4	-0.5
MRZ	Mangatainoka R	2.66 47	PN	Pn	08 49 14.9	-0.3
MRZ			AML	AML	08 50 10.5	
MRZ			AML	AML	08 50 10.6	
MRZ	Mangatainoka R	2.66 47	PN	Pn	08 49 14.9	-0.3
FOZ	Fox Glacier	2.66 246	PN	Pn	08 49 14.9	-0.3
FOZ			AML	AML	08 49 59.4	
FOZ			AML	AML	08 49 59.4	
FOZ			AML	AML	08 50 01.0	
FOZ			AML	AML	08 50 01.0	
FOZ	Fox Glacier	2.66 246	PN	Pn	08 49 14.9	-0.3
LBZ	Lake Benmore	2.79 227	PN	Pn	08 49 17.1	+0.2
LBZ			AML	AML	08 50 15.3	
LBZ	Lake Benmore	2.79 227	PN	Pn	08 49 17.1	+0.2
POWZ	Post Office R	2.96 45	PN	Pn	08 49 19.7	+0.5
POWZ	Post Office R	2.96 45	PN	Pn	08 49 19.7	+0.5
ODZ	Otagi Downs	3.06 214	Op	Pn	08 49 20.5	-0.2
ODZ			AML	AML	08 49 34.0	
ODZ			AML	AML	08 49 34.1	
ODZ			AML	AML	08 50 20.3	
ODZ	Otagi Downs	3.06 214	PN	Pn	08 49 20.5	-0.2
WAZ	Wanganui	3.13 29	PN	Pn	08 49 23.7	+2.0
WAZ			AML	AML	08 50 24.5	
WAZ			AML	AML	08 50 25.5	
WAZ	Wanganui	3.13 29	PN	Pn	08 49 23.8	+2.0
NMEZ	Namu Road	3.17 12	PN	Pn	08 49 24.7	+2.6
NMEZ	Namu Road	3.17 12	PN	Pn	08 49 24.7	+2.6
LREZ	Lake Rotokare	3.23 19	PN	Pn	08 49 25.8	+2.9
PREZ	Palmer Road	3.29 15	PN	Pn	08 49 26.4	+2.5
PREZ	Palmer Road	3.29 15	PN	Pn	08 49 26.4	+2.5
NWEZ	Newall Road	3.30 11	PN	Pn	08 49 26.2	+2.4
NWEZ	Newall Road	3.30 11	PN	Pn	08 49 26.4	+2.4
TSZ	Takapari Road	3.30 43	PN	Pn	08 49 23.4	-0.7
TSZ			AML	AML	08 50 21.4	
TSZ	Takapari Road	3.30 43	PN	Pn	08 49 23.4	-0.7
KHEZ	Kahui Hut	3.31 13	PN	Pn	08 49 26.7	+2.6

KHEZ	Kahui Hut	3.31 13	PN	Pn	08 49 26.7	+2.6
NEZ	North Egmont	3.34 14	PN	Pn	08 49 27.1	+2.5
NEZ	North Egmont	3.34 14	PN	Pn	08 49 27.1	+2.5
PKE	Pukeiti	3.40 13	PN	Pn	08 49 27.8	+2.5
PKE			AML	AML	08 50 10.9	
PKE			AML	AML	08 50 11.8	
PKE	Pukeiti	3.40 13	PN	Pn	08 49 27.8	+2.5
DREZ	Durham Road	3.44 15	PN	Pn	08 49 28.1	+2.2
JCZ	Jackson Bay	3.48 242	PN	Pn	08 49 27.3	+0.7
JCZ			AML	AML	08 50 13.2	
JCZ			AML	AML	08 50 37.4	+0.7
JCZ	Jackson Bay	3.48 242	PN	Pn	08 49 27.3	+0.7
PNHZ	Pukenui	3.52 44	PN	Pn	08 49 27.0	-0.2
PNHZ	Pukenui	3.53 44	PN	Pn	08 49 27.0	-0.2
MHEZ	Mangahewa	3.57 16	PN	Pn	08 49 30.6	+2.9
MTVZ	Mangateitei	3.63 31	AML	AML	08 50 35.6	
MTVZ			AML	AML	08 50 36.0	
MTVZ	Mangateitei	3.63 31	PN	Pn	08 49 35.8	-1.0
VRZ	Vera Road	3.63 22	PN	Pn	08 49 30.6	+2.1
VRZ			AML	AML	08 50 35.7	
VRZ			AML	AML	08 50 40.2	
VRZ	Vera Road	3.63 22	PN	Pn	08 49 30.6	+2.1
PKVZ	Pokaka	3.67 29	PN	Pn	08 49 30.9	+1.7
PKVZ			AML	AML	08 50 38.0	
PKVZ			AML	AML	08 50 57.2	
PKVZ	Pokaka	3.67 29	PN	Pn	08 49 30.9	+1.7
PKVZ	Wanaka	3.72 230	AML	AML	08 50 50.1	
PKVZ			AML	AML	08 50 53.1	
WNVZ	Wahianoa	3.73 32	Op	Pn	08 49 31.2	+1.1
WNVZ	Wahianoa	3.73 32	Op	Pn	08 49 31.2	+1.1
DRZ	Dome Shelter	3.77 32	AML	AML	08 50 39.2	
DRZ			AML	AML	08 50 44.3	
WHVZ	Whangaehu Hut	3.77 32	PN	Pn	08 49 31.6	+1.0
WHVZ	Whangaehu Hut	3.77 32	PN	Pn	08 49 31.6	+1.0
FWVZ	Far West T-bar	3.78 31	PN	Pn	08 49 31.6	+0.8
FWVZ			AML	AML	08 50 42.1	
FWVZ			AML	AML	08 50 42.6	
FWVZ	Far West T-bar	3.78 31	PN	Pn	08 49 31.6	+0.8
HHSZ	Highcliff Hill	3.79 207	Op	Pn	08 49 30.8	0.0
HHSZ	Highcliff Hill	3.79 207	Op	Pn	08 49 30.8	0.0
BHZ	Black Hill Sta	3.80 38	PN	Pn	08 49 30.8	0.0
BHZ	Black Hill Sta	3.80 38	PN	Pn	08 49 30.8	0.0
TUVZ	Tukino	3.81 32	PN	Pn	08 49 32.0	+1.0
TUVZ			AML	AML	08 50 49.9	
TUVZ			AML	AML	08 50 54.7	
TUVZ	Tukino	3.81 32	PN	Pn	08 49 32.0	+1.0
PKXZ	Pawani	3.81 51	PN	Pn	08 49 29.4	-1.5
PKXZ			AML	AML	08 50 56.6	
PKXZ			AML	AML	08 51 04.2	
PKXZ	Pawani	3.81 51	PN	Pn	08 49 29.4	-1.5
WPVZ	Whakapapa	3.82 31	PN	Pn	08 49 32.3	+1.1
WPVZ			AML	AML	08 50 53.2	
WPVZ			AML	AML	08 50 50.0	
WPVZ	Whakapapa	3.82 31	PN	Pn	08	

27d 9h

mb4.5/46,MS3.7/13, Error ellipse: s-maj=7.5km s-min=4.1km az=11.4
IDC 27 08:55:29.1,0.6,27.71N:142.95E,h0km,mb4.2/18,
mb1.4/4.21,mb1mx4.3/42,mbtmp4.2/21,ML3.6/3,MS3.6/18,
Ms1.3.6/18,ms1mx3.5/40, Error Ellipse: s-maj=19.8km
s-min=16.1km az=81.0
NEIC 27 08:55:31.7,1.6,27.75N:142.96E,h14km,mb4.4/13,
Error ellipse: s-maj=8.5km s-min=7.3km az=93.0
JMA 27 08:55:32.2,27.91N:142.90E,h47km,4km, M4.4,
MOS 27 08:55:32.9,1.3,27.75N:142.89E,h33km,mb4.9/20, Error
ellipse: s-maj=14.7km s-min=6.2km az=116.4
ISC 27 08:55:32.1,0.6,27.30N:142.94E,0.05,h14km,2km,
h13km;pp-P,119, r156/153,mb4.5/46,MS3.8/14,8C-3D,

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

2010 SEP

Table with columns: Station Name, Time, Res, ISC. Lists seismic stations and their recorded data for the month of September 2010.

1264

Table with columns: Station Name, Time, Res, ISC. Lists seismic stations and their recorded data for event 1264.

ISCJB 27 09:07:57.9,0.4,38.28N:0.02,27.26E,0.04,h4km,4km,
Error ellipse: s-maj=4.8km s-min=3.8km az=167.5
DDA 27 09:07:57.9,38.28N:27.21E,h7km,MD2.7
ISK 27 09:07:57.7,38.28N:27.27E,h7km,MD2.6
CSEM 27 09:07:58.2,0.2,38.28N:27.26E,h10km,MD2.6, Error
ellipse: s-maj=3.9km s-min=3.1km az=71.0
ISC 27 09:07:58.1,0.9,38.27N:0.02,27.25E,0.02,h7km,6km,
n36,r0566/54,Turkey

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for event 1264.

ISCJB 27 09:15:49.6,0.8,12.30N:0.08,89.39E:0.08,h93km,
mb3.8/7, Error ellipse: s-maj=11.8km s-min=10.8km
az=18.4
IDC 27 09:15:51.7,6.7,12.60N:93.54E,h89km,59km,mb3.6/7,
mb1.3.8/8,mb1mx3.4/41,mbtmp4.0/8,ML4.9/1, Error
ellipse: s-maj=53.3km s-min=16.9km az=55.0
ISC 27 09:15:51.3,1.1,12.4N:0.1,93.3E:0.1,h93km,n17,
r1938/17,mb3.8/7,Andaman Islands region

Table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for event 1264.

Table with columns: DMN, Daman, 17.00 334 eP, P, 09 19 45.4 +1.4, etc.

ISCJB 27 09:25:02.9:0.2,26:38S:0.03:64:65W:0.04, h10km, mb4.9/33, MS4.0/8, Error ellipse: s-maj=5.6km

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC, etc.

Main table with columns: 439A, Center Grove, 63.81 331 P, P, 09 35 37.2 0.0, etc.

Main table with columns: WCI, Wyandotte Cave, 67.48 342 eP, P, 09 35 58.9 -1.9, etc.

Table with columns: ID, Name, RA, Dec, Mag, Type, and other details. Includes entries like T31A Randall Ranch, R34A Isabella, Hill, Q35A Mercer Eighty, etc.

Table with columns: ID, Name, RA, Dec, Mag, Type, and other details. Includes entries like Q26A Hugo, N30A Huette Ranch, M31A Lambrecht Ranc, etc.

Table with columns: ID, Name, RA, Dec, Mag, Type, and other details. Includes entries like BBRC Big Bear Solar, HEC Hector Ludlow, F31A Hecla, etc.

Table with columns: LAO, LASA Array, 81.95 333 P, P, 09 37 24.3 -0.3, etc. Includes stations like LASA Array, Knox Farm, Red Lodge, etc.

Table with columns: CD2, Chengdu, 168.90 64, PKP, PKPdf, 09 45 11.8 -0.7, etc. Includes stations like Chengdu, Guiyang, Arkit, etc.

Table with columns: ESDC, 0.7nm,0.3s,baz=123,slow=24,SNR=4.7, S, Sn, 09 42 14.3 -0.9, etc. Includes stations like CSOR, CSOR, CSOR, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Lists stations like Pioggiola, Nicolaou / Gran, Calviac, etc.

IDC 27 09:46:12.4.1.5, 10:39N:126:50E, h0km, mb3.7/8, mb1 3.8/8, mb1mx3.6/41, mbtmp3.7/8, Error ellipse: s-maj=126.8km s-min=16.4km az=72.0

ISCJB 27 09:46:16.2.0.7, 10:31N:05:126:64E:0:06, h44km, mb3.7/8, Error ellipse: s-maj=8.0km s-min=7.5km az=0.9

MAN 27 09:46:16, 10:26N:126:53E, h18km, mb4.5, ML3.4, MS3.3

ISC 27 09:48:16.2.1.0, 10:28N:06:126:56E:0:10, h44km, n15, s1911/19, mb3.7/8, 1C-2D, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Lists stations like SCPH Surigao, BUTP Butuan, etc.

ISCJB 27 10:04:01.7.0.8, 14:40N:0:07:92:57W:0:06, h53km, gkm, mb4.0/7, MS2.9/1, Error ellipse: s-maj=13.9km s-min=4.0km az=39.0

MEX 27 10:04:03.0.4.0, 14:34N:92:60W, h16km, 54km, MD4.2

CASC 27 10:04:03.9.1.7, 14:62N:92:38W, h65km, 27km, MD4.1, ML4.3

IDC 27 10:04:04.3.1.0, 14:47N:92:59W, h58km, 7km, mb3.7/7, mb1 4.1/11, mb1mx3.8/36, mbtmp4.1/11, MS3.1/1, Ms1 3.1/1, ms1mx2.5/37, Error ellipse: s-maj=35.7km s-min=11.5km az=47.0

ISC 27 10:04:03.9.0.9, 14:45N:0:08:52:54W:0:07, h58km, 8km, n31, s1923/43, mb4.1/7, 3C-1D, Near coast of Chirapas

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Lists stations like JAT Jato, PCIG Pacaya, etc.

LFU La Fuente, 3.40 101 I/P, Pn, 10 04 54.1 -0.5

CMIG Matias Romero, 3.46 320 P, Pn, 10 04 54.7 -0.6

CMIG comp=2.92nm,0.3s,baz=270,slow=19,SNR=6.1

LBRS Las Brisas, 3.47 101 I/P, Pn, 10 04 54.1 -1.4

ANMO Albuquerque, 2.35 330 S, P, 10 09 13.5 +0.4

NVAR Mina Array Bea, 32.99 321 P, Pn, 10 10 34.7 +1.0

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Lists stations like SIV San Ignacio, SCHO Schefferville, etc.

IDC 27 10:06:20.6.1.7, 21:26S:168:72E, h48km, 6km, mb3.6/6, mb1 3.8/7, mb1mx3.6/21, mbtmp3.6/21, ms1mx2.7/21, Error ellipse: s-maj=61.4km s-min=11.3km az=151.0, Loyalty Islands

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

GUC 27 10:10:26.2.0.7, 35:39S:71:41W, h55km, 10km, ML3.8, 3C-4D, Central Chile

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Lists stations like TALC Talca, U65B Hualae0, etc.

AUST 27 11:04:20.4.1.94S:139:51E, h10km

ISCJB 27 11:04:24.8.1.0, 2:45S:0:1:139:44E:0:08, h27km, mb3.4/2, Error ellipse: s-maj=15.0km s-min=11.9km az=168.5

IDC 27 11:04:24.3.8.2, 71S: 138:79E, h0km, mb3.4/3, mb1 3.7/4, mb1mx3.5/23, mbtmp3.6/4, ML3.8/1, MS3.2/1, Ms1 3.2/1, ms1mx2.7/26, Error ellipse: s-maj=124.4km s-min=19.3km az=90.0

ISC 27 11:04:26.1.2.2, 55S:0:1:139:51E:0:08, h27km, n15, s198/14, Near north coast of Irian Jaya

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Lists stations like FAY Jayapura, JAKI Fak Fak, etc.

IDC 27 11:12:28.7.5.1, 13:23S:165:65E, h0km, mb3.4/3, mb1 3.7/3, mb1mx3.4/45, mbtmp3.4/3, MS3.6/1, Ms1 3.6/1, ms1mx2.8/22, Error ellipse: s-maj=254.1km s-min=33.7km az=141.0, Vanuatu Islands

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

ISN 27 11:22:39.0.1.1, 29:77N:51:84E, h0km, 150km

ISCJB 27 11:22:43.8.0.3, 29:66N:0:01:51:68E:0:01, h24km, 2km, mb5.8/353, MS5.5/341, Error ellipse: s-maj=2.3km s-min=1.3km az=24.5

THR 27 11:22:44.6.1.4, 29:75N:51:75E, h15km, 8km, mb5.9, ML6.0

PDA 27 11:22:44.9, 29:65N:51:69E, h18km, Mw5.5

OMAN 27 11:22:44.2, 29:60N:51:68E, h7km, 17km, Error ellipse: s-maj=5.5km s-min=4.5km az=79.0

SFS 27 11:22:44.0, 29:65N:51:69E, h18km, ML5.5

MOS 27 11:22:45.2, 1.0, 29:69N:51:64E, h33km, mb6.1/105, MS5.3/66, Error ellipse: s-maj=4.6km s-min=2.9km az=118.0

GCMT 27 11:22:45.4, 0.2, 29:56N:51:62E, h17km, 1km, MW5.9/69, Moment Tensor Solution, s69, c104, Duration: 2s2 Moment tensor: Scale 10^17Nm; Mw: 1.25; 0.9; Mw: 1.39; 0.7; Mw: 1.32; 0.7; Mw: 0.8; 0.8; 68; Mw: 1.48; 0.6; Mw: 4.4; 0.36; Best double couple: Ms: 3.9700 x 10^17; NP1: 1.17 0.0000; s85.0000; s77.0000; s93.0000; NP2: s285.0000; s183.0000; s78.0000; Principal axes: T 2.8800, P1g50.0000, Azm28.0000; N 1.0280, P1g1.0000; Azm19.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface/mantle waves, cutoff=50s.

NEIC 27 11:22:45.2, 0.1, 29:64N:51:67E, h20km, mb5.9/155, ME6.0, MS5.6/264, MW5.5, ML6.0 (THR), MNG.1 (TEH) Error ellipse: s-maj=3.4km s-min=2.2km az=17.0, Moment Tensor Solution, s59 Moment tensor: Scale 10^17Nm; Mw: 1.47; Mw: 0.83; Mw: 0.81; Ms: 1.0; Ms: 1.1; Best double couple: Ms: 2.6000; NP1: 1.17 0.0000; s77.0000; s93.0000; NP2: s285.0000; s183.0000; s78.0000; Principal axes: T 2.8800, P1g50.0000, Azm28.0000; N 1.0280, P1g1.0000; Azm19.0000; Depth from synthetics of broadband displacement seismograms. Energy computed from CMT mechanism.

NEIC One person killed and three injured at Konar Takhteh, Felt [IV] at Shiraz. Also felt at Bandar Bushehr, Felt [II] at Sa Salimiyah, Kuwait. Also felt at Ad Dasmah, Al Manqaf, Hawalli and Mishrif.

IDC 27 11:22:46.7, 1.1, 29:71N:51:68E, h31km, 7km, mb5.3/59, mb1 5.3/62, mb1mx5.3/76, Error ellipse: s-maj=7.6km s-min=7.3km az=126.0

CSEM 27 11:22:46.6, 0.1, 29:70N:51:67E, h30km, mb5.9/99, Ms5.5, Mw5.7, Error ellipse: s-maj=2.6km s-min=1.7km az=26.0

TEH 27 11:22:47.0, 29:69N:51:62E, h26km, ML6.1

DSN 27 11:22:47.4, 0.4, 29:58N:51:57E, h36km, mb5.3/15, Ms5.8/13, Error ellipse: s-maj=9.3km s-min=4.1km az=63.0

SZGRF 27 11:23:21.6, 31:94N:48:83E, h33km, mb5.6, MS2.0, 25C-32D, Southern Iran

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

ISC 27 11:22:45.2, 0.2, 29:65N:0:02:51:70E:0:02, h21km, 1km, n25C-32D, Southern Iran

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

BOQSS 4.29 209 P, Pn, 11 23 54.0 +4.7

BOQSS 4.29 209 S, Pn, 11 23 54.0 +4.2

KHMZ Khomeyn, 4.33 340 ePn, Pn, 11 23 58.9 -0.7

KHMZ Khomeyn, 4.43 340 ePn, Pn, 11 23 58.0 +0.7

KHBR Kerman, 4.41 84 ePn, Pn, 11 23 53.0 +1.7

NSR Nassriya, 4.99 287 ePn, x, 11 23 56.4

NSR		eSn	x	11 24 51.0	
NSR	Nassriya	4.99 287	ePn	Pn	11 23 56.4 -2.4
NSR	SNR=39				
NSR	SNR=3.0				11 24 51.0 -4.9
BANOM	Banah	5.52 131	U	Pn	11 24 07.4 +1.2
BANOM	SNR=50				11 24 18.3
BANOM	SNR=357				
BANOM	Banah	5.52 131	U	Pn	11 25 08.9 -0.1
BANOM	SNR=102				11 24 07.3 +1.1
BANOM	Banah	5.52 131	P	Pn	11 24 07.3 +1.1
BANOM	SNR=102				
BANOM	Iran Long-Peri	5.62 351	ePn	S	11 25 08.9 -0.1
IRS	Iran Long-Peri	5.62 351	ePn	Pn	11 24 07.7 0.0
IRS	Iran Long-Peri	5.62 351	ePn	Pn	11 24 07.0 0.0
BTHS		5.64 188	P	Pn	11 24 10.0 +2.2
BTHS		5.64 188	P	Pn	11 24 10.2 +2.4
IKOM	Komasi	5.74 323	ePn	Pn	11 24 09.9 +0.5
IKOM	SNR=160				11 26 16.8
IKOM	comp=Z,78um,0.5s				
IKOM	Komasi	5.74 323	ePn	Pn	11 24 09.8 +0.5
IKOM	Komasi	5.74 323	Pn	Pn	11 24 09.8 +0.5
IKOM	Nazwa, Dubai	5.83 142	U	Pn	11 24 12.2 +1.7
IKOM	SNR=160				
NAZ	Nazwa, Dubai	5.83 142	P	Pn	11 24 12.2 +1.7
IDMV	Damavand	5.91 3	ePn	Pn	11 24 12.4 +0.6
IDMV	SNR=160				11 26 16.4
IDMV	comp=Z,74um,0.8s				
IDMV	Damavand	5.91 3	ePn	Pn	11 24 12.4 +0.6
IRAZ	Razeghan	5.92 346	ePn	Pn	11 24 12.9 +1.0
IRAZ	SNR=99				11 25 26.3
IRAZ	comp=Z,82um,0.4s				
IRAZ	Razeghan	5.92 346	ePn	Pn	11 24 12.9 +1.0
ASUD	AI Ashush, Dub	5.96 146	U	Pn	11 24 13.9 +1.6
ASUD	SNR=145				
ASUD	AI Ashush, Dub	5.96 146	P	Pn	11 24 13.9 +1.6
ASUD	SNR=145				
DAMV	Damavand	5.96 2	ePn	S	11 24 12.9 +0.4
DAMV	SNR=99				11 25 18.4 -1.9
DAMV	Damavand	5.96 2	ePn	S	11 24 12.9 +0.4
FAQ	AI Faqa, Dubai	6.00 144	U	Pn	11 24 13.9 +1.2
FAQ	SNR=99				
FAQ	AI Faqa, Dubai	6.00 144	P	Pn	11 24 13.9 +1.2
IBDR	Badra	6.01 306	ePn	x	11 24 11.1
IBDR	SNR=146				11 25 15.9
IMHD	Mahdasht	6.08 352	ePn	Pn	11 24 14.2 +0.3
IMHD	Mahdasht	6.08 352	ePn	Pn	11 24 14.2 +0.3
TABS	Tabas	6.10 48	ePn	Pn	11 24 16.2 +1.9
TABS	Tabas	6.10 48	ePn	Pn	11 24 16.2 +1.9
UOSS	Wadi Hilu	6.17 138	P	Pn	11 24 15.6 +0.5
UOSS	comp=Z,4um,0.6s,SNR=99				
UOSS	Wadi Hilu	6.17 138	ePn	Pn	11 24 15.6 +0.5
UOSS	SNR=99				
HATD	Hatta, Dubai	6.22 140	U	Pn	11 24 16.7 +0.8
HATD	SNR=148				
CHTH	Charan	6.25 356	ePn	Pn	11 24 16.6 +0.1
CHTH	Charan	6.25 356	ePn	Pn	11 24 16.6 +0.1
THKV	Tehran-Karaj	6.28 354	ePn	Pn	11 24 17.4 +0.7
THKV	Tehran-Karaj	6.28 354	ePn	Pn	11 24 17.4 +0.6
ASHO	Ashiyah	6.29 141	U	Pn	11 24 17.7 +0.9
ASHO	SNR=278				
ASHO	SNR=544				11 24 42.8
ASHO	Ashiyah	6.29 141	U	Pn	11 24 17.5 +0.7
ASHO	SNR=451				
ASHO	Ashiyah	6.29 141	P	Pn	11 24 17.5 +0.7
ASHO	SNR=451				
IVIS	Veis	6.36 321	ePn	Pn	11 24 18.0 +0.2
IVIS	comp=Z,49um,0.3s				11 25 34.7
IVIS	Veis	6.36 321	ePn	Pn	11 24 18.0 +0.2
IVIS	SNR=99				
IGHG	Ghaleghazi	6.38 318	ePn	Pn	11 24 18.9 +0.7
IGHG	Ghaleghazi	6.38 318	ePn	Pn	11 24 18.9 +0.7
IGHG	Ghaleghazi	6.38 318	ePn	Pn	11 24 18.9 +0.7
IGHG	Ghaleghazi	6.38 318	ePn	Pn	11 24 18.9 +0.7
SNGE	Sanandaj	6.55 327	ePn	S	11 24 21.5 +1.0
SNGE	SNR=99				11 25 33.4 -1.3
SNGE	Sanandaj	6.55 327	ePn	S	11 24 21.5 +1.0
SNGE	SNR=99				11 24 20.7 -0.6
ILIN	Lien	6.60 324	ePn	Pn	11 24 20.7 -0.6
ILIN	comp=Z,65um,0.4s				
ILIN	Lien	6.60 324	ePn	Pn	11 24 20.7 -0.6
IGZV	Ghazvin	6.83 350	ePn	Pn	11 24 24.5 +0.1
IGZV	SNR=99				11 26 39.1
IGZV	comp=Z,78um,0.9s				
IGZV	Ghazvin	6.83 350	ePn	Pn	11 24 24.5 +0.1
ITEG	Tejag	6.85 60	ePn	Pn	11 24 25.9 +1.3
ITEG	SNR=99				11 26 48.3
ITEG	comp=Z,31um,0.8s				
ITEG	Tejag	6.85 60	ePn	Pn	11 24 25.9 +1.3
IKOO	Kooshah	6.85 64	ePn	Pn	11 24 26.7 +2.0
IKOO	SNR=99				11 26 43.9
IKOO	comp=Z,92um,0.9s				
IKOO	Kooshah	6.85 64	ePn	Pn	11 24 26.7 +2.0
BHD	Baghdad	7.21 302	ePn	x	11 24 27.9
BHD	Baghdad	7.21 302	ePn	Pn	11 24 27.9 -1.5
SHRO	Shahrood	7.29 29	ePn	Pn	11 24 31.9 +1.3
SHRO	Shahrood	7.29 29	ePn	Pn	11 24 31.9 +1.3
ZNJK	Zanjan	7.44 341	ePn	Pn	11 24 32.6 -0.1
ZNJK	Zanjan	7.44 341	ePn	Pn	11 24 32.6 -0.1
ARQ	Araqi	7.63 144	U	Pn	11 24 35.7 +0.5
ARQ	SNR=117				
ARQ	Araqi	7.63 144	P	Pn	11 24 35.7 +0.5
ARQ	SNR=117				
IDAH	Dahanechah	7.65 64	ePn	Pn	11 24 39.0 +3.4
IDAH	SNR=137				11 27 17.2
IDAH	Dahanechah	7.65 64	ePn	Pn	11 24 39.0 +3.4
IDAH	SNR=137				
IDAH	Hoqain	7.86 139	U	Pn	11 24 38.9 +0.5
HOQ	Hoqain	7.86 139	P	Pn	11 24 38.9 +0.5
SHRT	Shahrakht	8.34 59	ePn	Pn	11 24 46.8 +1.9
SHRT	Shahrakht	8.34 59	ePn	Pn	11 24 46.8 +1.9
IKRK	Kirkuk	8.45 315	ePn	x	11 24 45.4
IKRK	SNR=99				11 26 13.3
SMDO	Samad	8.69 138	U	Pn	11 24 50.3 +0.4
SMDO	SNR=217				
SMDO	Samad	8.69 138	P	Pn	11 24 50.3 +0.4
MRVT	Maraveh tapeh	8.78 23	ePn	Pn	11 24 52.6 +1.6
MRVT	Maraveh tapeh	8.78 23	ePn	Pn	11 24 52.6 +1.6
JMDO	Jabal Madar	9.26 140	U	Pn	11 24 57.5 -0.1
JMDO	SNR=137				
JMDO	Jabal Madar	9.26 140	P	Pn	11 24 57.5 -0.1
JMDO	SNR=137				
WBK	Wadi Bani Khal	9.59 135	U	Pn	11 25 01.6 -0.4
WBK	SNR=127				
WBK	Wadi Bani Khal	9.59 135	P	Pn	11 25 01.6 -0.4
WBK	SNR=127				
GRMI	Germi	9.66 342	ePn	Pn	11 25 03.8 +0.7
GRMI	SNR=127				
GRMI	Germi	9.66 342	ePn	Pn	11 25 03.8 +0.7
GRMI	SNR=127				
GEYT	Alibeck	9.83 31	Pn	Pn	11 25 06.3 +1.0
GEYT	comp=Z,15nm,0.3s,baz=213,slow=11,SNR=196				
GEYT	comp=Z,76um,19.6s,baz=215,slow=62				11 29 32.9
ABKT	Ailbek	9.83 31	Pn	Pn	11 25 07.7 +2.3
ABKT	comp=Z,3um,1.1s,SNR=90				
CUKT	Cukureka	10.14 320	ePn	Pn	11 25 08.3 -1.4
CUKT	Cukureka	10.14 320	ePn	Pn	11 25 08.3 -1.4
RTB	Rutbah	10.30 292	ePn	x	11 25 11.6
RTB	SNR=39				11 26 58.5
RTB	Rutbah	10.30 292	ePn	Pn	11 25 11.6 -0.2
HKR	Hakkari	10.31 322	ePn	Pn	11 25 11.0 -1.1
HKR	Hakkari	10.31 322	ePn	Pn	11 25 11.0 -1.1
HAKT	HAKKARI	10.31 322	ePn	Pn	11 25 10.8 -1.4
HAKT	HAKKARI	10.31 322	ePn	Pn	11 25 10.8 -1.4
SIRT	Sirmak	10.99 318	ePn	Pn	11 25 18.9 -2.3
SIRT	Sirmak	10.99 318	ePn	Pn	11 25 18.9 -2.3
SIRT	Sirmak	10.99 318	ePn	Pn	11 25 18.9 -2.3
SIRT	Sirmak	10.99 318	ePn	Pn	11 25 18.9 -2.3
SIRN	S-rnak	11.09 318	iP	Pn	11 25 23.8 -0.5
SIRN	S-rnak	11.09 318	iP	Pn	11 25 23.8 -0.5
TVAN	Van	11.20 324	iP	Pn	11 25 23.8 -0.5
TVAN	Van	11.20 324	iP	Pn	11 25 23.8 -0.5
GEVA	Gevas	11.22 323	iP	Pn	11 25 22.8 -1.7
GEVA	Gevas	11.22 323	iP	Pn	11 25 22.8 -1.7
VANB	Van	11.26 325	eP	Pn	11 25 24.1 -0.9

VANB	Van	11.26 325	eP	Pn	11 25 24.1 -0.9
MAKU	Maku	11.27 331	ePn	Pn	11 25 26.3 +1.1
MAKU	comp=Z,389nm,1.3s				11 25 29.0
MAKU	Maku	11.27 331	ePn	Pn	11 25 26.3 +1.1
MAKU	comp=Z,389nm,1.3s				
CLDR	Caldiran	11.43 328	eP	Pn	11 25 28.4 +0.9
CLDR	Caldiran	11.43 328	eP	Pn	11 25 28.4 +0.9
SFNV	Sufian	11.82 308	eS	Pn	11 25 30.3 -2.4
SFNV	SNR=50				11 27 31.7 -1.2
SFNV	comp=E,2um,0.6s				
SFNV	SNR=50				11 27 53.2
SFNV	comp=N,4um,0.7s				
KBSD	Kabsdagh	11.85 311	eS	Pn	11 25 29.9 -3.2
KBSD	SNR=50				11 27 33.3 -1.1
KBSD	comp=E,3um,0.7s				
KBSD	SNR=50				11 28 00.7
KBSD	comp=N,3um,0.7s				
DYDN	Diyadin	11.86 328	iP	Pn	11 25 33.4 +0.1
DYDN	Diyadin	11.86 328	iP	Pn	11 25 33.4 +0.1
MARD	Mardin	11.88 313	iP	Pn	11 25 30.0 -3.5
MARD	Mardin	11.88 313	iP	Pn	11 25 30.0 -3.5
GNI	Garni	11.92 333	Pn	Pn	11 25 35.2 +1.2
GNI	comp=N,1.5nm,0.3s,baz=163,slow=11,SNR=35				
GNI	Garni	11.92 333	iP	LR	11 30 38.9
GNI	comp=N,29um,19.8s,baz=142,slow=40				
GNI	Garni	11.92 333	iP	Pn	11 25 35.8 +1.8
GNI	comp=Z,931nm,2.5s				
GNI	SNR=146				
GNI	comp=Z,27um,13.0s				
GNI	Garni	11.92 333	P	Pn	11 25 36.3 +2.2
GNI	SNR=103				
GNI	Garni	11.92 333	U	Pn	11 25 35.6 +1.6
GNI	SNR=103				
GNI	Garni	11.92 333	ePn	Pn	11 25 35.6 +1.6
BEST	Besiri	11.94 316	iP	Pn	11 25 32.1 -2.2
BTMT	Batman	12.01 318	eP	Pn	11 25 33.5 -1.7
BTMT	Batman	12.01 318	eP	Pn	11 25 33.5 -1.7
SHAO	Shalim	12.12 162	P	Pn	11 25 35.9 -0.9
SHAO	SNR=17				
SHAO	Shalim	12.12 162	P	Pn	11 25 35.9 -0.9
SVAN	Silvan-Diyarba	12.15 317	eP	Pn	11 25 34.0 -3.1
MAZI	Mazidag	12.18 313	eP	Pn	11 25 33.7 -3.9
AGRH	Agri	12.21 326	eP	Pn	11 25 35.4 +0.4
AGRH	Hanur-Agry	12.21 326	eP	Pn	11 25 35.4 +0.4
RBK	Rabuk	12.31 169	U	Pn	11 25 38.5 -0.9
RBK	SNR=135				
RBK	Rabuk	12.31 169	P	Pn	11 25 38.5 -0.9
RBK	SNR=135				
ABTO	Aybut	12.33 173	U	Pn	11 25 39.6 -0.1
ABTO	SNR=180				
ABTO	Aybut	12.33 173	U	Pn	11 25 39.6 -0.1
ABTO	SNR=180				
EKAR	Karacaban	12.44 323	iP	Pn	11 25 40.5 -0.7
EKAR	Karacaban	12.44 323	iP	Pn	11 25 40.5 -0.7
DIY	Diyarbakir	12.59 314	eP	Pn	11 25 41.6 -1.5
DIY	Diyarbakir	12.59 314	eP	Pn	11 25 41.6 -1.5
DYBB	Diyarbakir	12.67 314	eP	Pn	11 25 41.6 -2.7
EATA	Eleskirt	12.68 326	iP	Pn	11 25 44.7 +0.1
EATA	Eleskirt	12.68 326	iP	Pn	

Table with columns: Station Name, Frequency, Power, Modulation, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like GULA Gulagac, SOC Sochi, YESY Yesilyurt, etc.

Table with columns: Station Name, Frequency, Power, Modulation, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like SIM Simferopol', ARG Arkhangelos, PONG Pong, etc.

Table with columns: Station Name, Frequency, Power, Modulation, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like VRH comp=E,530nm,1.4s, DDI Dehra Dun, etc.

Table with columns for station name, frequency, mode, and various signal quality metrics (e.g., SNR, SNRr, SNRf, SNRt, SNRb, SNRc, SNRd, SNRe, SNRf, SNRg, SNRh, SNRi, SNRj, SNRk, SNRl, SNRm, SNRn, SNRo, SNRp, SNRq, SNRr, SNRs, SNRt, SNRu, SNRv, SNRw, SNRx, SNRy, SNRz).

Table with columns for station name, frequency, mode, and various signal quality metrics (e.g., SNR, SNRr, SNRf, SNRt, SNRb, SNRc, SNRd, SNRe, SNRf, SNRg, SNRh, SNRi, SNRj, SNRk, SNRl, SNRm, SNRn, SNRo, SNRp, SNRq, SNRr, SNRs, SNRt, SNRu, SNRv, SNRw, SNRx, SNRy, SNRz).

Table with columns for station name, frequency, mode, and various signal quality metrics (e.g., SNR, SNRr, SNRf, SNRt, SNRb, SNRc, SNRd, SNRe, SNRf, SNRg, SNRh, SNRi, SNRj, SNRk, SNRl, SNRm, SNRn, SNRo, SNRp, SNRq, SNRr, SNRs, SNRt, SNRu, SNRv, SNRw, SNRx, SNRy, SNRz).

27d 11h

Table with columns for station name, frequency, power, and other technical details. Includes stations like CKFL, NRDL, CALN, SENIN, etc.

2010 SEP

Table with columns for station name, frequency, power, and other technical details. Includes stations like GTA, COLF, PLDF, DOU, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like RUND, BER, MOL, etc.

27d 11h

Table with columns for station call letters, location, frequency, polarization, and signal strength. Includes stations like LSZ Lusaka, CIT Chita, MORF Marnele, PTEO Sao Teotónio, VAL Valentia, LIS Lisbon, PVFI Vila Bisbo, PMST Lisbon-Monsan, TIY Taiyuan, KCSI Kotacane, BOD Bodaibo, OUK OuKaimeiden, SPA2 Spitsbergen, GSI Gunungsitoli, KULM Kulim, KBS Kingsbay, JMJC Jan Mayen, IPM Ipo, BJT Baijituau.

2010 SEP

Table with columns for station call letters, location, frequency, polarization, and signal strength. Includes stations like BJI Beijing, QIZ Qiongzong, WHN Wuhan, MNSI Mandailing Nat, KTGM Kuala Trengganu, TIA Tainan, SISI Saibi, GZH Guangzhou, PPI Padang Panjang, BKNI Bangkinang, PDSI Padang, MSNA Messina, KGM Klang, BORG Borgasmes, MYKOM Kota Tinggi, NJ2 Nanjing, DL2 Dalian, PMPT Porto Santo, DBIC Dimbokro, PMAR Madeira, TIC Tomouidi, PNOZ Porto Moniz, SNY Shenyang.

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Table with columns for station call letters, location, frequency, polarization, and signal strength. Includes stations like LIC Lamto, TSUM Tsumeb, YAK Yakutsk, KSI Kapahiang, QZH Quanzhou, CN2 Changchun, SSE Sheshan, SLR Silverton, KSBAR Backryungdo, LBTB Lobatse, POGA Pongola, ERPM east rand prp, KSR Koster, WDLM Western Deep, MDSI Maura Dua, LWLI Liwa, PRYS Parys, KSGAH Ganghwa, TPUB Ta-pu, SSSL Suanglung, KSHUK Heuksando, YHNB Yeheng, KSMUS Musan, INCN Incheon, YNCB Yeoncheon.

Table with columns: YNCB YEONCHEON, SNR=23, 61.49 60 P, P, 11 33 00.4 -0.1, etc.

Table with columns: ANGG Ammassalik, Gr 63.12 332 eP, P, 11 33 11.0 +0.1, etc.

Table with columns: SFJD Kangerlussuaq, 67.69 335 iP, P, 11 33 40.5 +0.1, etc.

ULM	comp=Z,40nm,1.2s	95.41 340	eP	P	11 36 07.9	-0.1
EYMN	Lac du Bonnet	95.98 336	eP	P	11 36 10.3	-0.4
EYMN	Ely	95.98 336	eP	P	11 36 10.3	-0.4
EYMN	comp=Z,47nm,1.5s			LR		
EDM	Edmonton	96.45 351	eP	P	11 36 12.8	0.0
EDM	comp=Z,70nm,1.2s			MLR		
EDM	Edmonton	96.45 351	eP	P	11 36 12.8	0.0
EDM	comp=Z,70nm,1.2s			MLR		
EDM	Edmonton	96.45 351	eP	P	11 36 12.8	0.0
C36A	Pine Crest Far	96.61 337	P	P	11 36 13.0	-0.6
C35A	Jirik Farms, M	97.04 337	P	P	11 36 14.0	-1.5
AGMN	Agassiz Nation	97.13 339	eP	Pdfl	11 36 21.8	+5.8
AGMN	comp=Z,113nm,2.3s			LR		
B32A	Ashes, Strandq	97.25 339	P	P	11 36 16.5	0.0
A30A	Hoffart Farm,	97.29 341	P	P	11 36 16.5	-0.1
MAW	Mawson	97.32 176	P	Pdfl	11 36 16.6	+0.6
MAW	comp=Z,6.6nm,1.1s,baz=9.2,slow=11,SNR=8.4			LR		
MAW	Mawson	97.32 176	eP	Pdfl	11 36 17.8	+1.8
MAW	comp=Z,2.4,0nm,1.3s			Pdfl		
MAW	Mawson	97.32 176	eP	Pdfl	11 36 17.8	+1.8
MAW	comp=Z,4.1nm,1.3s			Pdfl		
CBN	Corbin	97.41 322	PFAKE	LR	11 36 30.0	+1.3
AAM	Ann Arbor	97.43 328	PFAKE	LR	11 36 30.0	+1.3
A29A	Manning Farm,	97.57 341	P	P	11 36 17.5	-0.4
MCWV	Mont Chateau	97.63 324	PFAKE	LR	11 36 30.0	+1.2
C31A	Landman Farms,	98.15 340	P	P	11 36 20.0	-0.5
B28A	Dugan Ranch, T	98.32 342	P	P	11 36 20.6	-0.6
A26A	Wade Farm, Ken	98.35 343	P	P	11 36 21.2	-0.2
A25A	Svangstu Ranch	98.58 344	P	P	11 36 22.2	-0.2
MDND	Maddock	98.65 341	PFAKE	LR	11 36 30.0	+7.2
ACSO	Alum Creek Sta	98.73 327	PFAKE	LR	11 36 30.0	+6.7
SPMN	St. Paul	98.77 335	PFAKE	LR	11 36 30.0	+6.6
D30A	Buchanan	99.08 340	P	Pdfl	11 36 24.7	0.0
DGMT	Dagmar	99.28 344	P	Pdfl	11 36 26.1	+0.4
DGMT	Dagmar	99.28 344	eP	Pdfl	11 36 27.1	+1.5
DGMT	Dagmar	99.28 344	eP	Pdfl	11 36 27.1	+1.5
F33A	5 Mile Ranch,	99.44 338	P	Pdfl	11 36 25.9	-0.4
JFWS	Jewell Farm	99.76 333	PFAKE	LR	11 36 40.0	+1.2
BLA	Blacksburg	99.77 323	PFAKE	LR	11 36 40.0	+1.2
D26A	Manning	100.18 342	P	Pdfl	11 36 29.1	-0.5
ANWB	Willy Bob	100.50 297	PFAKE	LR	11 36 40.0	+8.5
SFIN	Schofer Farm	100.52 329	PFAKE	LR	11 36 40.0	+8.8
WALA	Waterton Lakes	100.59 350	ePP	PP	11 40 32.1	-5.4
E26A	Carlson Angus	100.70 342	P	Pdfl	11 36 31.1	-0.9
EGMT	Eagleton	100.90 347	PFAKE	LR	11 36 40.0	+7.1
SMRT	St. Maarten	101.27 298	PFAKE	LR	11 36 50.0	+1.5
F26A	Lodgepole	101.33 342	P	Pdfl	11 36 35.0	+0.2
HDIL	Hopedale	101.33 331	PFAKE	LR	11 36 50.0	+1.5
ECSD	EROS Data Cent	101.41 337	PFAKE	LR	11 36 50.0	+1.5
LAO	LASA Array	101.43 345	P	Pdfl	11 36 36.0	+0.8
LAO	LASA Array	101.43 345	ePdif	Pdfl	11 36 37.0	+1.7
SEUS	St. Eustatius	101.52 298	PFAKE	LR	11 36 50.0	+1.4
G28A	Parade	101.55 341	P	Pdfl	11 36 35.9	+0.1
SABA	Saba	101.65 298	PFAKE	LR	11 36 50.0	+1.3
NEW	Newport	101.79 352	P	Pdfl	11 36 36.4	-0.4
NEW	Newport	101.79 352	eP	MLR	11 36 37.2	+0.4
NEW	Newport	101.79 352	P	Pdfl	11 36 36.4	-0.4
NEW	Newport	101.79 352	ePdif	Pdfl	11 36 37.2	+0.4
KMSC	Kings Mountain	101.81 322	PFAKE	LR	11 36 50.0	+1.3
G26A	Maurine	101.83 342	P	Pdfl	11 36 35.6	-1.4
B06A	Marblemount	101.94 355	ePP	PP	11 40 45.5	-2.0
SLMT	Seely Lake	102.30 350	ePdif	Pdfl	11 36 40.0	+0.8
OLIL	Olney	102.31 329	PFAKE	LR	11 36 50.0	+1.1
C09A	Chrisman Ranch	102.38 353	PFAKE	LR	11 36 50.0	+1.1
JSC	Jenkinsville	102.42 322	PFAKE	LR	11 36 50.0	+1.0
STVI	Saint Thomas	102.52 300	PFAKE	LR	11 36 50.0	+1.0
NHSC	New Hope	102.71 320	PFAKE	LR	11 36 50.0	+8.9
MSO	Missoula	102.77 350	ePP	PP	11 40 53.0	-0.9
MSO	Missoula	102.77 350	ePP	PP	11 40 53.0	-0.9
LTY	Liberty	103.14 355	PFAKE	LR	11 36 50.0	+7.2

NLWA	Neilton Lookou	103.21 357	PFAKE	LR	11 36 50.0	+6.9
RSSD	Black Hills	103.30 342	PFAKE	LR	11 36 50.0	+6.2
D05A	Enumclaw	103.30 356	ePP	PP	11 41 00.2	+2.6
D05A	Enumclaw	103.30 356	ePP	PP	11 41 00.2	+2.6
SLM	Saint Louis	103.33 330	PFAKE	LR	11 36 50.0	+6.2
CPD	Cerro La Pandu	103.44 300	P	Pdfl	11 37 00.0	+1.5
CPD	Cerro La Pandu	103.44 300	PFAKE	LR	11 36 50.0	+5.4
LRM	Limekiln Ridge	103.51 349	ePP	PP	11 40 58.3	-1.3
LRM	Limekiln Ridge	103.51 349	ePP	PP	11 40 58.3	-1.3
BOZ	Bozeman (W)	103.54 348	P	Pdfl	11 36 44.2	-0.6
BOZ	Bozeman (W)	103.54 348	PFAKE	LR	11 36 50.0	+5.2
SJG	San Juan	103.57 300	PFAKE	LR	11 37 00.0	+1.5
RLMT	Red Lodge	103.59 346	PFAKE	LR	11 37 00.0	+1.5
SIUC	Southern Ilin	103.65 329	PFAKE	LR	11 37 00.0	+1.5
LON	Longmire	103.73 355	ePP	PP	11 41 02.7	+1.8
LON	Longmire	103.73 355	ePP	PP	11 41 02.7	+1.8
AOPR	Arcicobo Observ	103.88 301	PFAKE	LR	11 37 00.0	+1.3
HAWA	Hanford	103.89 354	ePP	PP	11 41 02.7	+0.6
HAWA	Hanford	103.89 354	ePP	PP	11 41 02.7	+0.6
DLMT	Dillon	103.98 349	PFAKE	LR	11 37 00.0	+1.3
BGNE	Belgrade	103.99 337	PFAKE	LR	11 37 00.0	+1.3
F10A	Beach Ranch, E	104.06 352	PFAKE	LR	11 37 00.0	+1.3
NVL	N'azarevskaya	104.06 193	P	Pdfl	11 37 02.7	+1.7
GOGA	Godfrey	104.27 323	PFAKE	LR	11 37 00.0	+1.2
WVT	Waverly	104.31 327	PFAKE	LR	11 37 00.0	+1.2
LKWY	Lake	104.35 347	PFAKE	LR	11 37 00.0	+1.1
CRPR	Cabo Rojo, PR	104.35 301	PFAKE	LR	11 37 00.0	+1.1
H17A	Grant Village	104.55 347	PFAKE	LR	11 37 00.0	+1.1
F04A	Amboy	104.58 356	PFAKE	LR	11 37 00.0	+1.1
FLWY	Flagg Ranch	104.87 347	PFAKE	LR	11 37 00.0	+9.2
PVMO	Portageville	104.94 329	PFAKE	LR	11 37 00.0	+9.1
PBMO	Poplar Bluff	104.96 329	PFAKE	LR	11 37 00.0	+8.9
GRTK	Grand Turk	105.07 306	PFAKE	LR	11 41 20.0	
IMW	Indian Meadow	105.10 347	PFAKE	LR	11 41 20.0	
MOOW	Moose Ponds	105.20 347	ePKKPab	PKKPab	11 52 51.6	-2.0
LOHW	Long Hollow	105.31 347	PFAKE	LR	11 41 20.0	
K22A	Casper	105.31 344	ePKPdif	LR	11 41 07.0	
FXWY	Fox Creek	105.36 347	PFAKE	LR	11 41 20.0	
SNOW	Snow King Moun	105.48 347	PFAKE	LR	11 41 20.0	
KSU1	Kansas State U	105.49 335	PFAKE	LR	11 41 20.0	
TPAW	Teton Pass	105.49 347	PFAKE	LR	11 41 20.0	
CASY	Casey	105.54 159	PFAKE	LR	11 41 20.0	
REDW	Red Top Meadow	105.59 347	PFAKE	LR	11 41 20.0	
OGNE	Ogallala	105.66 340	PFAKE	LR	11 41 20.0	
H04A	Detroit Lake	105.81 355	PFAKE	LR	11 41 20.0	
TIGA	Tifton	105.86 321	PFAKE	LR	11 41 20.0	
BDFB	Brasilia	105.86 261	PFAKE	LR	11 41 20.0	
BW06	Boulder Army	105.90 346	PFAKE	LR	11 41 20.0	
HLID	Hailey	106.03 350	PFAKE	LR	11 41 20.0	
AHID	Auburn Hatcher	106.22 347	PFAKE	LR	11 41 20.0	
PHWY	Pilot Hill	106.30 342	PFAKE	LR	11 41 20.0	
OXF	Oxford	106.37 327	PFAKE	LR	11 41 20.0	
MFID	Camas Ranch	106.39 351	ePdif	Pdfl	11 36 58.9	+1.4
N23A	Red Feather La	106.81 342	PFAKE	LR	11 41 20.0	
SDDR	Presa de Saban	106.81 304	PFAKE	LR	11 41 20.0	
CBKS	Cedar Bluff	106.86 337	PFAKE	LR	11 41 20.0	
DWPF	Disney	107.15 318	PFAKE	LR	11 41 20.0	
HWUT	Hardware Ranch	107.43 347	PFAKE	LR	11 41 20.0	
UALR	University of	107.49 330	PFAKE	LR	11 41 20.0	
HVU	Hansel Valley	107.49 348	PFAKE	LR	11 41 20.0	
KSCO	Kaye Shedlock	107.61 339	PFAKE	LR	11 41 20.0	

KSCO	Wild Horse Val	107.72 352	ePP	PP	11 41 28.2	-2.3
ISCO	Idaho Springs	107.75 342	PFAKE	LR	11 41 20.0	
PAPH	Port-au-Prince	107.84 304	PFAKE	LR	11 41 20.0	
TCUT	Toone Canyon	107.87 347	PFAKE	LR	11 41 20.0	
SNA4	Sanas	107.89 196	P	PKIKP	11 41 10.8	+0.6
SNA4	Sanas	107.89 196	PFAKE	LR	11 41 20.0	
TUL1	Tulsa	107.97 333	PFAKE	LR	11 41 20.0	
BRAL	Brewton	108.03 323	PFAKE	LR	11 41 20.0	
LGNH	Logne	108.07 304	PFAKE	LR	11 41 20.0	
O20A	White River Ci	108.11 344	PFAKE	LR	11 41 20.0	
U34A	Anderson Ranch	108.18 334	PFAKE	LR	11 41 20.0	
MIAR	Mount Ida	108.22 330	PFAKE	LR	11 41 20.0	
CTU	Camp Tracy	108.34 347	PFAKE	LR	11 41 20.0	
Q24A	Divide	108.40 341	PFAKE	LR	11 41 20.0	
V34A	Guthrie	108.71 334	PFAKE	LR	11 41 20.0	
VBMS	Vicksburg	108.78 327	PFAKE	LR	11 41 20.0	
GTBY	Guantanamo Bay	108.90 307	PFAKE	LR	11 41 20.0	
DUG	Dugway	109.03 348	PFAKE	LR	11 41 20.0	
PTGA	Pitinga	109.12 280	ePP	PP	11 41 46.4	+4.0
NLU	North Lily Min	109.12 347	ePKKPab	PKKPab	11 52 33.7	-2.4
P17A	Butcher Ranch,	109.31 346	PFAKE	LR	11 41 20.0	
W34A	Bridge Creek,	109.33 334	PFAKE	LR	11 41 20.0	
SDCO	Great Sand Dun	109.64 341	PFAKE	LR	11 41 30.0	
T25A	Trinidad	109.88 340	PFAKE	LR	11 41 30.0	
WDC	Whiskeytown Da	109.92 355	PFAKE	LR	11 41 30.0	
S22A	4UR Ranch, Cre	110.00 342	PFAKE	LR	11 41 30.0	
WMOK	Wichita Mounta	110.16 334	PFAKE	LR	11 41 30.0	
MSU	Marysvalle	110.53 347	ePKKPab	PKKPab	11 52 27.8	-2.1
MVCO	Mesa Verde	110.94 343	ePP	PP	11 41 57.0	+2.8
NATX	Nacogdoches	111.07 330	PFAKE	LR	11 41 30.0	
AMTX	Amarillo	111.07 337	PFAKE	LR	11 41 30.0	
R11A	Troy Canyon, C	111.31 349	ePdif	Pdfl	11 37 21.7	+2.1
NV01	Mina Array Sit	111.63 352	ePKIKP	PKIKP	11 52 23.5	-2.8
NV01	Mina Array Sit	111.63 352	ePKIKP	PKIKP	11 41 19.6	+1.0
NVAR	Mina Array Bea	111.63 352	ePKIKP	PKIKP	11 41 18.3	-0.3
NVAR	comp=Z,2.6nm,0.6s,baz=344,slow=1.1,SNR=16			PKKPbc	11 52 14.7	+2.0
NVAR	comp=Z,0.3nm,0.5s,baz=197,slow=5.1,SNR=3.9			SKKPbc	11 55 54.0	+1.2
CCUT	Cedar City	111.70 347	ePP	PP	11 42 09.4	+1.0
MTDJ	Mount Denton	111.73 308	PFAKE	LR	11 41 30.0	
WHTX	Lake Whitney	112.05 332	PFAKE	LR	11 41 30.0	
MSTX	Muleshoe	112.27 337	PFAKE	LR	11 41 30.0	
ABTX	Ablene, Hawle	112.36 334	PFAKE	LR	11 41 30.0	
HOPE	Hope Point	112.49 219	PFAKE	LR	11 41 30.0	
ANMO	Albuquerque	112.52 341	PFAKE	LR	11 41 30.0	
SDV	Santo Domingo	112.61 295	PFAKE	LR	11 41 30.0	
TPNV	Topopah Spring	112.79 350	ePKKPdif	PKKPdif	11 52 25.2	-2.6

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like H01W3 Cape Leeuwin H, H01W1 Cape Leeuwin H, H08S2 Diego Garcia H, etc.

NNC 27 13:34:36.9-4.5, 4.2; 12N:73:59E, h0km, mb2.3, mpv2.1, Error ellipse: s-maj=46.0km s-min=8.1km az=173.0

KRNET 27 13:34:38.0-0.1, 4.2; 19N:103:67E, h13km, mb2.6, Error ellipse: s-maj=2.5km s-min=1.2km az=85.0

ISC 27 13:34:37.9-0.9, 4.2; 16N:103:73.57E, s=0.03, h8km, 7km, n20, o=44/37, 25C-BD, Kyrgyzstan

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

IDC 27 13:35:32.8-0.7, 54; 23N:169:30E, h0km, mb3.9/16, mb1.4/17, mb1mx4/0,38, mb1mp3/9/17, ML3.2/1, Error ellipse: s-maj=22.3km s-min=16.2km az=164.0

ISCJB 27 13:35:33.7-0.5, 54; 2N:0.1; 169:2E:0.1, h17km, mb4.0/22, Error ellipse: s-maj=14.6km s-min=9.0km az=177.0

NEIC 27 13:35:34.2-0.4, 54; 18N:169:33E, h10km, mb4.4/6, Error ellipse: s-maj=1.9km s-min=0.9km az=5.0

ISC 27 13:35:35.2-0.6, 54; 1N:0.1; 169:17E:0.07, h17km, n35, o=1540/29, mb4.0/22, Komandorski Islands region

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PET Petropavlovsk, PETK Petropavlovsk, YAK Yakutsk, etc.

ISCJB 27 13:45:52.0-0.6, 32; 51S:179:4E:0.1, h450km, mb3.7/4, Error ellipse: s-maj=15.9km s-min=5.9km az=8.1

IDC 27 13:45:52.9-2.1, 32; 15S:179:37E, h425km, mb3.3/4, mb1.3/7, mb1mx3/3/21, mbtmp4/3/7, Error ellipse: s-maj=20.6km s-min=19.6km az=101.0

ISC 27 13:45:53.1-1.0, 32; 56S:0:08:179:4E:0.1, h450km, n37, o=134/49, mb3.6/4, South of Kermadec Islands

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

BUI 27 14:01:08.7, 21; 57S:170:90E, h85km, mb4.6/15, mb5.0/8, NEIC 27 14:01:10.0-0.4, 21; 74S:170:85E, mb4.7/9, Error ellipse: s-maj=12.0km s-min=10.5km az=210.0

IDC 27 14:01:09.3-0.9, 21; 84S:170:88E, h82km, mb4.0/11, mb1.4/3/13, ms1mx3/1/20, Error ellipse: s-maj=19.0km s-min=16.1km az=165.0

AUST 27 14:01:10.7-2.5, 21; 87S:170:96E, h90km, Error ellipse: s-maj=1.9km s-min=1.3km az=334.0

ISC 27 14:01:11.5-0.7, 21; 83S:07:170:81E:0.08, h100km, 5km, h102km, pP, n81, o=163/94, mb4.1/6, 1D, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like NFK Norfolk Island, MSFV Nonsavu, RAO Raoul Island, OUZ Omahuta.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like LHI Lord Howe Isla, HNR Honiara, URZ Urewera, etc.

ISCJB 27 14:01:08.7, 21; 57S:170:90E, h85km, mb4.6/15, mb5.0/8, NEIC 27 14:01:10.0-0.4, 21; 74S:170:85E, mb4.7/9, Error ellipse: s-maj=12.0km s-min=10.5km az=210.0

IDC 27 14:01:09.3-0.9, 21; 84S:170:88E, h82km, mb4.0/11, mb1.4/3/13, ms1mx3/1/20, Error ellipse: s-maj=19.0km s-min=16.1km az=165.0

AUST 27 14:01:10.7-2.5, 21; 87S:170:96E, h90km, Error ellipse: s-maj=1.9km s-min=1.3km az=334.0

ISC 27 14:01:11.5-0.7, 21; 83S:07:170:81E:0.08, h100km, 5km, h102km, pP, n81, o=163/94, mb4.1/6, 1D, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BOSA Boshof, ARCES ARCESS Array B, FINES FINESS Array B, etc.

NVS	Novosibirsk	42.08 326	iP	P	15 57 09.0	-2.2
NVS			e	S	15 58 51.9	
NVS			eS	S	16 03 23.3	-5.6
NVS	comp=Z,127nm,1.9s		pmax	pmax		
NVS	comp=N,48nm,1.8s		pmax	pmax		
NVS	comp=E,68nm,1.8s		pmax	pmax		
NVS	comp=E,47nm,3.2s		smax	smax		
NJS	Nagarjunasagar	42.12 267	eP	P	15 57 11.9	-0.1
NJS			eP	P	15 57 18.9	-0.7
SRSP	Sriramsagar	42.27 271	eP	P	15 57 10.0	-3.3
SRSP			eP	P	15 57 19.9	-1.0
KSH	Kashi	42.35 302	iP	P	15 57 17.0	+3.1
KSH			eP	P	15 57 29.5	+8.1
KSH			eS	P	15 57 34.5	+1.0
KSH			eP	P	15 59 09.3	+2.2
KSH			eP	P	16 03 00.8	+1.7
KSH			eS	P	16 03 35.9	+2.1
KSH			eS	P	16 03 57.0	+1.1
KSH			eS	P	16 07 12.5	-1.9
KSH	comp=E,77nm,1.6s		PMZ			
KSH	comp=E,130nm,2.9s		LN			
KSH	comp=E,1µm,14.0s		LE			
KSH	comp=E,880nm,12.8s		LZ			
SEY	Seymchan	42.51 19	iP	P	15 57 15.5	+0.8
HYB	Hyderabad	42.53 269	eP	P	15 57 14.5	-0.9
HYB	Hyderabad (bro	42.53 269	eP	P	15 57 13.6	-2.7
SRLM	Srisaialam	42.64 267	eP	P	15 57 24.1	+0.1
SRLM			eP	P	15 57 18.4	+1.4
SKHT	Srikalahasti	42.73 263	eP	P	15 57 24.7	+0.1
SKHT			eP	P	15 57 14.9	-2.8
RCLA	Racheria	42.80 266	eP	P	15 57 25.7	+0.5
RCLA			eP	P	15 57 16.7	-1.1
FITZ	Fitzroy Crossi	42.84 177	eP	P	15 57 17.4	-1.0
KURK	Kurchatov	42.95 319	eP	P	15 57 17.4	-1.0
KURK			eP	P	15 57 18.0	-0.3
KURK	comp=Z,285nm,1.4s		pmax	pmax		
KURK	Kurchatov	42.95 319	P	P	15 57 17.7	-0.6
KURK	comp=Z,313nm,1.2s		pmax	pmax		
KURK	Kurchatov	42.95 319	eP	P	15 57 17.4	-1.0
KURK	comp=Z,285nm,1.4s		pmax	pmax		
TKM2	Tokmak 2	43.05 307	eP	P	15 57 19.9	+0.3
TKM2			eP	P	15 57 19.9	+0.3
TKM2	comp=Z,255nm,0.7s		pmax	pmax		
TKM2	Tokmak 2	43.05 307	eP	P	15 57 20.1	+0.5
TKM2	comp=Z,255nm,0.7s		pmax	pmax		
COEN	Coen	43.13 152	eP	P	15 57 20.9	+0.7
COEN	comp=Z,74nm,1.0s		pmax	pmax		
KZA	Kyzart	43.19 306	P	P	15 57 22.0	+1.1
KZA	SNR=8.9					
KBK	Karagaybulak	43.49 306	P	P	15 57 23.9	+0.8
KBK	SNR=8.0					
CHMS	Chumysh	43.68 307	P	P	15 57 24.8	+0.3
CHMS	SNR=10.0					
UCH	Uchter	43.75 306	P	P	15 57 27.2	+1.7
UCH	SNR=6.1					
FRU	Bishkek	43.75 307	eP	P	15 57 20.0	-5.0
FRU			e	P	15 57 31.0	
FRU	comp=Z,60nm,1.6s		pmax	pmax		
FRU	comp=E,2µm,14.0s		MLR	MLR		
AAK	Ala-Archa	43.81 306	iP	P	15 57 25.9	+0.2
AAK			eP	P	15 57 25.9	+0.2
AAK	comp=Z,60nm,2.5s		pmax	pmax		
AAK	comp=Z,2µm,11.0s		MLR	MLR		
AAK	Ala-Archa	43.81 306	P	P	15 57 26.9	+1.2
AAK	comp=Z,61nm,0.8s,SNR=5.2					
AAK	Ala-Archa	43.81 306	eP	P	15 57 25.9	+0.2
AAK	comp=Z,24nm,1.4s		pmax	pmax		
AAK	Ala-Archa	43.81 306	P	P	15 57 26.1	+0.4
AAK	SNR=9.0					
KLRI	Killari	44.10 271	eP	P	15 57 27.8	-0.4
KLRI			eP	P	15 57 29.5	-0.1
SFK	Sufi-Kurgan	44.29 302	eP	P	15 57 27.8	-0.4
SFK			eP	P	15 57 29.5	-0.1
SFK	comp=Z,32nm,1.2s		pmax	pmax		
EKS2	Erkin-Say	44.34 306	eP	P	15 57 30.2	+0.3
EKS2	comp=Z,6.0nm,0.7s		pmax	pmax		
EKS2	Erkin-Say	44.34 306	eP	P	15 57 30.1	+0.3
EKS2	comp=Z,5.7nm,0.7s		pmax	pmax		
EKS2	Erkin-Say	44.34 306	P	P	15 57 30.2	+0.3
EKS2	SNR=11					
URV	Uravakonda	44.51 266	eP	P	15 57 29.9	-1.5
URV			eP	P	15 57 37.3	+0.1
MNAS	Manas	45.26 306	P	P	15 57 37.3	+0.1
MNAS	comp=Z,43nm,1.3s		pmax	pmax		
WRAB	Tennant Creek	45.83 166	iP	P	15 57 41.9	+0.3
WRAB			eP	P	15 57 41.9	+0.3
WRAB	comp=Z,197nm,1.0s		pmax	pmax		
WRAB	comp=Z,498nm,16.0s		MLR	MLR		
WRAB	Tennant Creek	45.83 166	P	P	15 57 42.0	+0.3
WRAB	comp=Z,457nm,0.9s,SNR=13					
WRAB	Tennant Creek	45.83 166	eP	P	15 57 41.4	-0.3
WRAB	comp=Z,288nm,1.0s		pmax	pmax		
WRA	Waramunga Arr	45.83 166	P	P	15 57 41.6	-0.1
WRA	comp=Z,19nm,0.9s,baz=348,slow=8.8,SNR=37					
WRA	comp=Z,191nm,20.8s,baz=355,slow=34		LR		16 15 40.2	
WRA	Waramunga Arr	45.83 166	iP	P	15 57 41.5	-0.2
WRA			eP	P	15 57 41.5	-0.2
WRA	comp=Z,19nm,0.9s		pmax	pmax		
MBWA	Marble Bar	45.99 185	P	P	15 57 43.1	+0.2
MBWA	SNR=9					
MBWA	Marble Bar	45.99 185	eP	P	15 57 41.4	-1.6
MBWA	comp=Z,66nm,1.1s		pmax	pmax		
OTUK	Ortayu	46.24 314	P	P	15 57 44.5	-0.2
OTUK	comp=Z,51nm,1.0s		pmax	pmax		
KK31	Karatay Array	46.78 307	iP	P	15 57 48.7	-0.3
KK31			eP	P	15 57 48.7	-0.3
KKAR	Karatay Array	46.78 307	eP	P	15 57 48.8	-0.2
KKAR	comp=Z,4.0nm,0.8s		pmax	pmax		
KKAR	Karatay Array	46.78 307	eP	P	15 57 48.8	-0.2
KKAR	comp=Z,2.0nm,0.4s		pmax	pmax		
DZET	Dzherino	47.87 301	P	P	15 57 57.8	+0.1
DZET	comp=Z,1.7nm,0.4s		pmax	pmax		
VOSK	Vostochnaya	48.08 319	P	P	15 57 57.0	-2.0
VOSK	comp=Z,15nm,0.4s		pmax	pmax		
BVA0	Borovoye Arr	48.50 320	iP	P	15 58 01.0	-1.2
BVA0	comp=Z,27nm,1.4s		pmax	pmax		
BVA0	comp=Z,30nm,1.5s		pmax	pmax		
CHKZ	Chkalovo	48.53 321	P	P	15 58 00.8	-1.6
CHKZ	comp=Z,23nm,0.9s		pmax	pmax		
BRVK	Borovoye	48.57 320	iP	P	15 58 02.4	-0.3
BRVK			eP	P	15 58 02.4	-0.3
BRVK	comp=Z,46nm,1.7s		pmax	pmax		
BRVK	comp=Z,272nm,16.0s		MLR	MLR		
BRVK	Borovoye	48.57 320	P	P	15 58 02.3	-0.4
BRVK	comp=Z,97nm,1.2s,SNR=6.9					
BRVK	Borovoye	48.57 320	P	P	15 58 02.4	-0.3
BRVK	SNR=2					
BRVK	Borovoye	48.57 320	eP	P	15 58 01.5	-1.2
BRVK	comp=Z,57nm,1.4s		pmax	pmax		
ZRNK	Zerenda	49.30 319	P	P	15 58 06.9	-1.4
ZRNK	comp=Z,46nm,1.4s		pmax	pmax		
ASAR	Alice Springs	49.35 168	P	P	15 58 09.4	+0.4
ASAR	comp=Z,10nm,1.1s,baz=351,slow=7.3,SNR=58					
ASAR	comp=Z,142nm,20.6s,baz=354,slow=37		LR		16 20 07.1	
ASAR	Alice Springs	49.35 168	P	P	15 58 09.5	+0.4
ASAR	comp=Z,11nm,1.1s		pmax	pmax		

ASAR	comp=Z,142nm,20.6s		MLR	MLR		
CTA	Charters Tower	49.90 152	P	P	15 58 14.8	+1.6
CTA	comp=Z,4.3nm,0.9s,baz=341,slow=12,SNR=3.6					
CTA	Charters Tower	49.90 152	P	P	15 58 14.8	+1.6
CTA			eP	P	15 58 14.8	+1.6
BILL	Bilibino	50.22 19	eP	P	15 58 09.7	-5.4
BILL	comp=Z,4.0nm,0.9s		pmax	pmax		
BILL	comp=Z,6µm,20.0s		MLR	MLR		
AB31	Akbulak Array	54.49 314	iP	P	15 58 46.5	-0.6
AB31	comp=Z,13nm,0.7s		pmax	pmax		
ABKAR	Akbulak Array	54.49 314	eP	P	15 58 46.3	-0.8
ABKAR	comp=Z,10nm,0.7s		pmax	pmax		
SVE	Sverdlouk	54.74 323	eP	P	15 58 48.3	-0.5
SVE	comp=Z,41nm,1.6s		pmax	pmax		
SVE	comp=Z,110nm,1.2s		MLR	MLR		
FORT	Forrest	55.58 175	eP	P	15 58 56.0	+1.0
FORT	comp=Z,1µm,16.0s		pmax	pmax		
AKTO	Aktyubinsk	55.78 315	P	P	15 58 55.0	-1.4
AKTO	comp=Z,19nm,1.5s		pmax	pmax		
ARU	Arti	55.83 322	iP	P	15 58 55.3	-1.4
ARU	comp=Z,33nm,1.7s		pmax	pmax		
ARU	comp=Z,682nm,19.0s		MLR	MLR		
ARU	Arti	55.83 322	P	P	15 58 55.5	-1.2
ARU	comp=Z,94nm,1.6s,SNR=5.3					
ARU	Arti	55.83 322	eP	P	15 58 55.1	-1.5
ARU	comp=Z,42nm,1.4s		pmax	pmax		
ABKT	Ailbek	56.32 300	P	P	15 59 01.3	+0.8
ABKT	comp=Z,203nm,0.9s,SNR=8.9					
GEYT	Ailbek	56.32 300	P	P	15 59 00.5	0.0
GEYT	comp=Z,23nm,0.9s,baz=50,slow=2.3,SNR=38					
SOKR	Solkamsk	57.11 326	iP	P	15 59 05.8	+0.2
SOKR	comp=Z,20nm,1.0s		pmax	pmax		
SOKR	comp=Z,20nm,1.0s		MLR	MLR		
SOKR	comp=Z,680nm,20.0s		MLR	MLR		
NWAO	Narrogin (SRO)	57.88 186	P	P	15 59 11.0	-0.3
NWAO	comp=Z,24nm,1.1s		pmax	pmax		
NWAO	Narrogin (SRO)	57.88 186	P	P	15 59 11.0	-0.3
NWAO	comp=Z,24nm,1.1s		pmax	pmax		
NWAO	Narrogin (SRO)	57.88 186	eP	P	15 59 12.5	+1.2
NWAO	Buckleboe	58.66 168	eP	P	15 59 17.8	+1.0
NWAO	comp=Z,54nm,1.0s		pmax	pmax		
IDMV	Damavand	61.52 298	eP	P	15 59 36.5	-0.5
IDMV	comp=Z,1µm,26.1s		pmax	pmax		
DZM	Mont Dzumac	62.57 135	eP	P	15 59 49.7	+5.9
DZM	comp=Z,32nm,1.2s		pmax	pmax		
DZM	Mont Dzumac	62.57 135	eLR	LR	16 18 37.7	
IRAZ	Razeghan	63.23 299	P	P	15 59 48.0	-0.4
IRAZ	comp=Z,1µm,26.1s		pmax	pmax		
RBK	Rabkut	64.53 278	eP	P	16 00 05.4	+8.5
RBK	SNR=5.8					
PPLA	Keypile	65.48 30	eP	P	16 00 02.3	-0.2
PPLA	comp=Z,5.5nm,1.2s		pmax	pmax		
COLD	Coldfoot	65.80 25	eP	P	16 00 03.7	-0.6
COLD	comp=Z,5.7nm,1.2s		pmax	pmax		
TMCR	Tamitsa	65.93 331	eP	P	16 00 04.4	-0.7
TMCR	comp=Z,55nm,1.0s		pmax	pmax		
ISHB	Shabestar	65.95 303	eP	P	16 00 05.8	-0.3
ISHB	comp=Z,55nm,1.0s		pmax	pmax		
VRH	Novokhoporsk	66.00 317	eP	P	16 00 04.6	-1.2
VRH	comp=Z,55nm,1.0s		pmax	pmax		
GNI	Garni	66.19 305	iP	P	16 00 08.0	+0.5
GNI	comp=Z,35nm,1.7s		pmax	pmax		
GNI	comp=Z,326nm,16.0s		MLR	MLR		
GNI	Garni	66.19 305	P	P	16 00 08.7	+1.2
GNI	SNR=5.7					
GNI	Garni	66.19 305	eP	P	16 00 07.8	+0.3
GNI	comp=Z,63nm,1.4s		pmax	pmax		
ZEI	Tsey	66.21 308	eP	P	16 00 04.6	-3.1
ZEI	comp=Z,77nm,0.9s		pmax	pmax		
KB						

Table with columns: Call sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like KURK Kurchatov, LSA Lhasa, KHON Khomkaen, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like KKAR Karatay Array, SOKR Solikamsk, ALE Alekseyev, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like OBN Obninsk, BLMT Blacktail Mountain, VRH Novokhopynorsk, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like TREC, IBBN, K34A, TANN, GZR, ANMO, ESK, MOX, ZST, ECK, SCH, PKSG, BHH, BWH, BZS, WTSB, ROTZ, BBO1, P31A, GCD, KHC, KAS, KESW, SOP, BUG, CONA, GAL1, GEC2, GERES, WET, HPK, H12A, P32A, GRF, GRFO, M35A, MPEP, LHO, Q32A, MOA, TNS, ARSA, O34A, PGB, HGN, Q33A, MEM, P34A, VTS, S31A, CWF, RJOB, GROS, SOKA, PERS, DIVS, BCLA, FUR, FOEL, KBA, OBKA, STU, SNF, MMB, HLM1, KKB, DSB, WLF, MYKA, DOU, SSW, Q35A, LJU, WATA, WTTA, VISS, MNTX, MNTX, ABTA, RETA, MOTA.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like MCH1, STRD, PLE, BFO, BFO, CEY, MONM, GDL2, LPW, IVA, SVO, WOL, HMNX, UPM, PVY, FETA, R36A, D36A, W31A, S35A, Q37A, NKY, BRY, R37A, TTT, S36A, X31A, I28A, T35A, HEX, BUM, HCY, OHR, ULC, Z30A, T36A, S37A, TUE, TIR, TIR, TIR, WMOK, WMOK, WMOK, T37A, HDIL, HDIL, 229A, 329A, X34A, Y33A, U37A, Z32A, W35A, CCA1, CCA1, 230A, U38A, V37A, W36A, 330A, TXAR, TXAR, X35A, 231A, 429A, SFIN, X36A, V38A, 529A, W37A, Z34A, 133A, 331A, 232A, Z35A, 530A, 332A, Y36A, 431A, 134A, W38A, BNI, BNI, BNI.

Table with columns: Call sign, Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like X38A, 432A, IDI, 234A, 531A, 333A, SIUC, JCT, JCT, JCT, WHTX, 433A, 532A, 334A, Z37A, MIAR, MIAR, MIAR, 631A, TIP, 434A, NCB, 534A, KEST, ESDC, TORD, TORD, LPAZ, LPAZ, SNA, SNA, SNA, VNA, BDFB, BDFB, VNA1, CPUP, CPUP, CPUP.

CSEM 27 16:15:02.0.2.43:98N-7:83E, h5km, ML1.8/10, Error ellipse: s-maj=4.2km s-min=3.4km az=62.0 GEN 27 16:15:03.0.43:99N-7:81E, h5km, ML1.1 LDG 27 16:15:02.7.0.1.43:99N-7:84E, h2km, M2.0/3, MI1.9/10, Error ellipse: s-maj=1.6km s-min=1.1km az=79.0, Near south coast of France

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like IMI, IMI, NEGI, RORO, SBF, SBF, ENR, ENR, STV, STV, FRF, FRF, FRF, MBDF, MBDF, MBDF, MBDF, SMRF, SMRF, SMRF, SMRF, PGF, PGF, PGF, ORIF, ORIF, ORIF, LPL, LPL, LPL, VIVF, VIVF, VIVF.

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

WEL 27 16:20:46.3:0.1,43:55Sx172:00E,h9km,ML3.5/14,6C-2D, Error ellipse: s-maj=0.6km s-min=0.5km az=90.0, South Island

Main table for WEL station data, listing codes, station names, and various parameters for stations like OXF, CRL, MCQ, Rata Peaks, Lake Taylor, Waitaha Valley, etc.

ISN 27 16:21:47.9:0.5,40:21N:40:43E,h0km,779km Error ellipse: s-maj=5.0km s-min=4.1km az=2.0

ISN 27 16:22:03.7:1.0,38:71N:02:39:99E,0.02,h8km,10km, n103,01538/128, Turkey

Main table for ISN station data, listing codes, station names, and various parameters for stations like BINT, PTK, BNGB, SVRC, etc.

Main table for SIRR station data, listing codes, station names, and various parameters for stations like SIRR S-rnak, SIRT Sirkak, SIRT Sirkak, etc.

ISK 27 16:23:22.9:3.8,73N:39:99E,h6km,MD2.8 CSEM 27 16:23:23.0:3.8,68N:40:00E,h2km,MD2.8, Error ellipse: s-maj=7.8km s-min=5.4km az=85.0

DDA 27 16:23:25.3:3.8,74N:39:85E,h7km,MD2.7 ISK 27 16:23:23.6:1.3,38:70N:03:40:01E,0.04,h4km,15km, n14,0059/24, Turkey

Table for ISK station data, listing codes, station names, and various parameters for stations like PTK, SVRC, SVRC, etc.

GUC 27 16:42:17.9:0.6,34:40S:73:31W,h28km,4km,ML3.8, Off coast of central Chile

Table for GUC station data, listing codes, station names, and various parameters for stations like U65B, U65B, U65B, etc.

PRU 27 16:46:34.3:50:16N:19:14E,h0km CSEM 27 16:46:33.6:0.4,50:16N:19:13E,h1km, Error ellipse: s-maj=8.9km s-min=4.9km az=4.0, Poland

Main table for PRU station data, listing codes, station names, and various parameters for stations like OJC, OJC, OJC, etc.

Table for KECS station data, listing codes, station names, and various parameters for stations like KECS Kecoovo, KECS Kecoovo, etc.

KRSC 27 16:48:39.7:0.9,50:86N:157:70E,h41km,16km,ML3.6, Kuril Islands

Table for KRSC station data, listing codes, station names, and various parameters for stations like PAU, SKR, SKR, etc.

AUST 27 16:49:46.6:7.2,20:86S:178:72W,h606km,2km, Error ellipse: s-maj=5.0km s-min=1.8km az=249.0

ISCBJ 27 16:49:48.1:0.2,21:08S:04:17W,13W,0.04,h169km, mb4,6/47, Error ellipse: s-maj=6.1km s-min=3.9km az=142.9

NEIC 27 16:49:50.2:0.7,20:95S:179:15W,h630km,8km,mb4,7/35, Error ellipse: s-maj=9.3km s-min=6.5km az=150.0

NEIC Felt at Suva. ISK 27 16:49:49.1:0.4,21:03S:07:71W,07:00:07,h169km, n188,01519/206,mb4,7/47,1C-8D,Fiji Islands region

Main table for KRSC station data, listing codes, station names, and various parameters for stations like MSVF, AFI, AFI, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like VVDA, RKGY, BLDU, MORW, LUWI, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ILAR, CMAR, CHTO, REDW, IMW, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like TNTI, FITZ, FITZ, FITZ, FITZ, etc.

ISCJB 27 17:01:15.2:0.2:8:15S:0:03:122:45E:0:03,h200km, mb3.9/17, Error ellipse: s-maj=4.4km s-min=3.4km az=143.4

NEIC 27 17:01:15.9:0.5:8:15S:122:42E,h194km,5km,mb4.1/7, Error ellipse: s-maj=13.2km s-min=6.4km az=53.0

IDC 27 17:01:15.3:0.8:8:03S:122:58E,h186km,8km,mb3.9/14, mb1.4/0.19,mb1mx3.7/4.1,mbtmp4.4/19, Error ellipse: s-maj=22.1km s-min=9.1km az=67.0

AUST 27 17:01:18.0:8:50S:122:50E,h200km DJA 27 17:01:17.3:0.2:8:5:12:2E, h188km,3km, M4.4/29, mb4.4/29,mb5.1/8,MLV4.4/15,MW(MB)4.4/8

ISC 27 17:01:15.0:0.4:8:15S:0:04:122:47E:0:05,h200km,n93, 1:15:9/9,mb4.0/17, Fire region

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MMRI, MMRI, MMRI, etc.

IDC 27 17:17:08.5:2.5:7:89S:110:10E,h0km,mb3.6/4, mb1.3/9.4,mb1mx3.5/21,mbtmp3.6/4, Error ellipse: s-maj=128.4km s-min=20.9km az=50.0

ISCJB 27 17:17:14.1:0.5:7:49S:0:04:110:61E:0:04,h32km,5km, mb3.5/4, Error ellipse: s-maj=6.8km s-min=5.7km az=31.3

DJA 27 17:17:14.3:0.3:7:5:2:11E, h13km,3km, M3.8/16, mb3.8/1,MLV3.8/16

ISC 27 17:17:14.2:1.1:7:46S:0:04:110:65E:0:04,h23km,10km, n18,1:15:123,mb3.6/4,Java

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like SMRI, SMRI, SMRI, etc.

27d 19h

Table with columns: OHR, comp, E, S, 55nm, 0.3s, 0.51 141, i Pg, Pb, 19 12 52.4 -1.0, etc.

IDC 27 19:18:00.0.0.5, 22.53S, 175.41W, h0km, mb4.719, mb1 4.8/20, mb1mx4.6/35, mbtmp4.6/20, ML4.4/1, MS4.0/11, Ms1 4.1/11, ms1mx3.8/24, Error ellipse: s-maj=17.0km s-min=12.9km az=147.0, ISCJB 27 19:18:04.5.0.2, 22.68S, 0.06, 175.30W, 0.05, h33km, mb4.9/47, MS4.1/10, Error ellipse: s-maj=9.3km s-min=5.7km az=143.6, NEIC 27 19:18:06.0.3.0.2, 22.60S, 175.30W, h35km, mb5.0/27, Error ellipse: s-maj=9.8km s-min=6.8km az=131.0, AUST 27 19:18:06.9.23.30S, 175.83W, h0km, BJI 27 19:18:10.9.22.50S, 174.81W, h90km, mb5.2/35, mb5.3/21, MOS 27 19:18:10.3.2.8, 22.61S, 176.41W, h33km, mb5.2/11, Error ellipse: s-maj=17.4km s-min=12.5km az=44.9, ISC 27 19:18:06.1.0.4, 22.65S, 0.08, 175.24W, 0.08, h33km, n241, 1930/257, mb5.0/46, MS4.1/10, 36C-20D, Tonga Islands region

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

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Table with columns: KDU, KAKADO, 50.58 272, P, P, 19 27 01.2 -0.8, etc. Includes stations like FORT Forrest, WRKA Warakuma, MTN Manton Dam, etc.

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Table with columns: BJI Beijing, 89.23 314, P, PMZ, P, 19 30 59.8 +1.1, etc. Includes stations like ENH Enshi, HDA Harding Lake, CCB Clear Creek, etc.

27S 21h

SELS Selova 1.18 24 ePg Pb 20 57 17.5 -0.1
SELS 0.43 118 P Op 20 57 34.5 +0.7
BARS Barje 1.20 56 ePg Sbn 20 57 18.0 0.0
BARS 0.58 290 eSg Sb 20 57 33.6 0.0

ISCJB 27 21:00:12.4:0.4, 24.66N:0.06:122.55E:0.03, h2km, 7km,
Error ellipse: s-maj=10.2km s-min=3.4km az=14.6
JMA 27 21:00:12.7:0.1, 24.59N:122.54E, h2km, 2km, M1.9
TAP 27 21:00:13.7:0.2, 24.62N:122.46E, h2km, ML2.6, D
ISC 27 21:00:12.4:0.1, 24.65N:0.07:122.53E:0.03, h2km, gkm,
n18, e052/29, Taiwan region

Code Station Name Az AZ Phase ID Time Res
YJNG Yonagunijimaku 0.43 118 P Op 21 00 21.1 -0.2
YJNG 0.48 113 S P 21 00 27.2 -0.1
YOJ Yonaguni jima 0.21 20.0 -0.1 P 21 00 28.9 +0.2
YOJ 0.58 290 eS P 21 00 23.6 -0.2

WEL 27 21:10:43.5:0.1, 43.58S:172.39E, h9km, ML3.5/12, 4C-4D,
Error ellipse: s-maj=0.5km s-min=0.5km az=90.0, South
Island

Code Station Name Az AZ Phase ID Time Res
CRLZ Canterbury Las 0.17 88 JPC Op 21 10 47.1 +0.1
CRLZ 0.23 124 JPG Sg 21 10 50.1 +0.2
CRLZ 0.24 124 JPG AML P 21 10 51.1 -0.1

ISCJB 27 21:12:20.9:0.2, 7.84S:0.03:117.50E:0.02, h10km,
mb4.4/20, MS3.3/1, Error ellipse: s-maj=3.7km
s-min=3.1km az=15.8

ICD 27 21:12:20.5:0.6, 7.84S:117.45E, h0km, mb4.1/15,
mb1.4/3/19, mb1.1mx4.2/3/1, mbtmp4.2/19, ML4.3/3, MS3.6/4,
Ms1.3/8.4, ms1mx3.2/29, Error ellipse: s-maj=18.6km
s-min=12.0km az=65.0
AUST 27 21:12:21.2:2.4:2.7, 8.00S:-117.48E, h0km, Error ellipse:
s-maj=1.0km s-min=0.7km az=351.0
NEIC 27 21:12:23.4:4.1, 7.85S:-117.43E, h18km, 26km, mb4.7/8,
Error ellipse: s-maj=10.5km s-min=5.5km az=67.0
DJA 27 21:12:24.1:0.1, 8.2S:117.7E, h10km, MA 7/20,
mb4.8/20, mb5.0/8, MLv4.9/14, Mw(mb)4.4/8

Code Station Name Az AZ Phase ID Time Res
TWSI Taliwang, Sumb 1.05 214 P Op 21 12 42.6 0.0
TWSI 2.25 264 P S 21 12 56.6 +0.1
SRBI Singaraja 2.25 264 P S 21 12 58.7 -1.1

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MMRI Maumere 4.77 100 ePn Pn 21 13 34.9 +0.4
GRJI Gresik 5.05 280 P Pn 21 13 38.4 +0.2
BBKI Banjar Baraja 5.10 329 P Pn 21 13 40.9 +1.9
TTSI Tana Toraja 5.13 261 P Pn 21 13 43.7 +1.6

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EKS2 Erkin-Say 64.12 325 eP P 21 22 55.7 -1.5
ZAA0 Zalesovo Array 67.46 340 eP P 21 23 17.4 -0.9
ZALV Zalesovo Beam 67.46 340 P P 21 23 16.8 -1.4

DDA 27 21:47:51.0:34.60N:26.55E, h26km, MD3.3
ISK 27 21:47:54.8:34.73N:26.69E, h56km, ML3.3
ICD 27 21:47:57.9:1.4, 34.91N:27.13E, h0km, mb3.5/3,
mb1.3/4/5, mb1mx3.2/37, mbtmp3.4/5, ML2.5/1, Error
ellipse: s-maj=83.8km s-min=27.3km az=137.0
ATH 27 21:47:58.6:35.17N:27.00E, h21km, 1km, MD3.6/14
ISCJB 27 21:47:59.9:1.1, 35.19N:0.05:26.98E:0.03, h13km, gkm,
mb3.5/3, Error ellipse: s-maj=9.0km s-min=3.3km

CSEM 27 21:48:00.5:0.4, 35.19N:26.97E, h10km, MD3.6, Error
ellipse: s-maj=10.8km s-min=3.9km az=163.0
THE 27 21:48:03.1, 35.36N:26.77E, h0km, 3km, ML3.0/2, Error
ellipse: s-maj=8.4km s-min=1.2km az=114.0
ISC 27 21:47:59.2:1.3, 35.20N:0.05:26.97E:0.03, h6km, gkm,
n112, e120/140, mb3.6/3, Crete

Code Station Name Az AZ Phase ID Time Res
KARP Karpathos 0.38 24 ePb P 21 48 06.4 -0.2
KARP 0.38 24 eSb Sg 21 48 13.5 -1.1
KARP 0.38 24 ePb Sg 21 48 06.4 -0.2

27d 23h

Table with columns: Key, UPR, University Cam, IGT, Igoumenitsa, IGT, Igoumenitsa, EFP, Efpalio, EFP, Efpalio, EFP, Efpalio, LAKA, Lakka, LAKA, Lakka, EVR, Evrytania, EVR, Evrytania, KLV, Kalavryta, Ach, KLV, Kalavryta, Ach, KEK, Kerkira, KEK, Kerkira, KALE, Kalithea, KALE, Kalithea, ITM, Ithomi, ITM, Ithomi, ITM, Ithomi, ITM, Ithomi, PYL, Pyllos, PYL, Pyllos, JAN, Janina, JAN, Janina, GUR, Goura, GUR, Goura, MAK, Makrakomi, Fth, MAK, Makrakomi, Fth, VLX, Vlachokerasia, VLX, Vlachokerasia, AGG, Agios Georgios, AGG, Agios Georgios, THAL, Thalerio, THAL, Thalerio, THL, Klokotos Trika, THL, Klokotos Trika, AXAR, Agios Charalamb, AXAR, Agios Charalamb, LTK, Loutraki, LTK, Loutraki, LOUT, Loutraki, LOUT, Loutraki, LKR, Lokris, LKR, Lokris, NEST, Nestorio, NEST, Nestorio, KRND, Kranidi, KRND, Kranidi, DIDY, Didyma, DIDY, Didyma, DIDY, Didyma, VLI, Veliai, VLI, Veliai, SMIA, Simia, SMIA, Simia, KZN, Kozani, KZN, Kozani, NAG, Nisos Agina, NAG, Nisos Agina, NEO, Neokhori, NEO, Neokhori, ATH, Athens Observa, ATH, Athens Observa, KYTH, Kithira, KYTH, Kithira, FNA, Florina, FNA, Florina, VLY, Voula, Athens, VLY, Voula, Athens, PTL, Penteli, PTL, Penteli, OHR, Ohrid, OHR, Ohrid, TAR1, Taranto, TAR1, Taranto, TIR, Tirane, TIR, Tirane, PE1, Pezze di Greco, PE1, Pezze di Greco, THE, Thessaloniki, THE, Thessaloniki, HORT, Hortiatia, HORT, Hortiatia, PLG, Polygyros, PLG, Polygyros, SG1, Sgolgore (BA), SG1, Sgolgore (BA), SOH, Sokhos, SOH, Sokhos, KNT, Kendrikon, KNT, Kendrikon, OUR, Ouranopolis, OUR, Ouranopolis, BAI, Bari, BAI, Bari, IMMV, Iera Moni Meta, IMMV, Iera Moni Meta, CDT, Castel del Mon, CDT, Castel del Mon, NVR, Nevrokopi, NVR, Nevrokopi, APE, Apeiranthos, APE, Apeiranthos, APE, Apeiranthos, IDI, Anoyia, IDI, Anoyia, IDI, 1.2nm, 0.3s, baz=320, slow=22, SNR=5.0, MS1, Monte Sant'Ang, MS1, Monte Sant'Ang, BARS, Barje, BARS, Barje, BARS, Barje, BARS, Barje, VTS, Vitoshia, VTS, Vitoshia, VTS, Vitoshia, SJE, Sjenica, SJE, Sjenica, SJE, Sjenica, SELS, Selova, SELS, Selova, SMG, Samos, SMG, Samos, IVAS, Ivanjica, IVAS, Ivanjica, IVAS, Ivanjica, ZAPS, Zavoj, ZAPS, Zavoj, ZKR, Zakros, ZKR, Zakros, BBLs, Laziz#263;i, BBLs, Laziz#263;i, BBLs, Laziz#263;i, GRUS, Gruza, GRUS, Gruza

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Table with columns: GRUS, Divivare, DIVS, Divivare, DIVS, Divivare, DIVS, Divivare, TRUJ, Trudelij, TRUS, Trudelij, TRUS, Trudelij, KUBS, Kucevo, KUBS, Kucevo, TEKS, Tekeris, TEKS, Tekeris, GZR, Gura Zlata, GZR, Gura Zlata, BZS, Buzias, BZS, Buzias, VOIR, Voire, VOIR, Voire, MLR, Muntele Rosu, MLR, Muntele Rosu, MLR, Muntele Rosu, PLOR, Plostina, PLOR, Plostina, VRI, Vrincoiaia, VRI, Vrincoiaia, OBKA, Obir, OBKA, Obir, OBKA, Soboth, OBKA, Soboth, SOKA, Soboth, SOKA, Soboth, ARSA, Arzberg, ARSA, Arzberg, ARSA, Arzberg, MOA, Molin, MOA, Molin, MOA, Molin, KOLS, Kolonicne sedl, KOLS, Kolonicne sedl, STHS, Stenbicka Huta, STHS, Stenbicka Huta, GERES, Geress Array B, GERES, Geress Array B, MORC, Moravsky Berou, MORC, Moravsky Berou, ESDC, Sonseca Array, ESDC, Sonseca Array, HFS, Hrom, HFS, Hrom, NB2, NORSAR Subarra, NB2, NORSAR Subarra, NB2, NORSAR Subarra, NOA, NORSAR Array B, NOA, NORSAR Array B, FINES, FINESS Array B, FINES, FINESS Array B, TORD, Torodi Ar, Bea, TORD, Torodi Ar, Bea, KURBB, Kurchatov Arra, KURBB, Kurchatov Arra, MKAR, Matkanchi Array, MKAR, Matkanchi Array, ZALV, Zalesovo Beam, ZALV, Zalesovo Beam, YKA, Yankovskite Arr, YKA, Yankovskite Arr, GUC 27 22:05:42.6-0.7, 34:59S:72.04W, h15km, 6km, ML3.9, Near coast of central Chile, U65B, HualaeO, U65B, HualaeO, U65B, Los Niches, U65B, Los Niches, U73B, San Pedro, U73B, San Pedro, TALC, Talca, TALC, Talca, LNCH, Linares, LNCH, Linares, TACH, Talagante, TACH, Talagante, CHCH, Chadass Angostu, CHCH, Chadass Angostu, CLCH, Cerro Calan, CLCH, Cerro Calan, PEL, Pelduehue, PEL, Pelduehue, ERZN, Erzincan, ERZN, Erzincan, PTK, Pertek, PTK, Pertek, KEMA, Kemaliye, KEMA, Kemaliye, KEMA, Kemaliye, KEMA, Kemaliye, KELT, Kelkit, KELT, Kelkit, ELZG, Elazig, ELZG, Elazig, ELZG, Elazig, SVRC, Sivrice-ELAZID, SVRC, Sivrice-ELAZID, SVRC, Sivrice-ELAZID, BNGB, Bing'Il, BNGB, Bing'Il, GUMT, Gumushane, GUMT, Gumushane, BAYT, Ayd-Intepe-Bay, BAYT, Ayd-Intepe-Bay, SUSE, Susehri, SUSE, Susehri, SUSE, Susehri, ERZN, Erzincan, ERZN, Erzincan, PTK, Pertek, PTK, Pertek, KEMA, Kemaliye, KEMA, Kemaliye, KEMA, Kemaliye, KELT, Kelkit, KELT, Kelkit, ELZG, Elazig, ELZG, Elazig, SVRC, Sivrice-ELAZID, SVRC, Sivrice-ELAZID, BNGB, Bing'Il, GUMT, Gumushane, BAYT, Ayd-Intepe-Bay, SUSE, Susehri, SUSE, Susehri, DJA 27 22:26:21.0-5.1, S14:12'E, h15km, 7km, ML4.0/8, mb4.5/1, MLV3.8/8, Minus3.8, Malowes Peninsula, Sulawesi

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Table with columns: Code, Station Name, Delta A, AZ, Phase ID, Time Res, ISC, h, m, s, ISC, LUWI, Luwuk, 0.50 132, P, Op, ISC, h, m, s, ISC, APMSI, Ampana, 0.78 255, P, P, Pg, 22 26 34.6 -1.5, MRSI, Marisa, 1.27 339, P, P, Pg, 22 26 41.3 -2.9, PCI, Palu, 2.57 266, P, P, Pg, 22 27 03.6 +1.4, PCI, Mapaga, 2.71 393, S, S, Sb, 22 27 35.9 -2.4, MRSI, Mapaga, 2.71 393, S, S, Sb, 22 27 03.8 -0.2, MRSI, Tana Toraja, 3.47 228, P, S, Sn, 22 27 15.7 +0.9, MRSI, Tana Toraja, 3.47 228, P, S, Sn, 22 27 15.4 +0.9, SPSI, Sidrap Palu, 4.17 219, P, P, Sn, 22 27 55.7 +0.4, BKSJ, Bulukumba, 5.12 206, P, P, Sn, 22 27 35.8 -1.3, IDC 27 22:24.1-3.8, 5:85S:146:64E, h0km, mb2.7/1, mb1 3.2/2.2, mb1mx3.1/18, mbtmp3.0/2, ML3.2/1, Error ellipse: s-maj=177.7km s-min=52.9km az=118.0, Eastern New Guinea region, Code, Station Name, Delta A, AZ, Phase ID, Time Res, ISC, h, m, s, ISC, WRA, Warramunga Arr, 18.42 219, Op, ISC, h, m, s, ISC, 0.1nm, 0.3s, baz=46, slow=12, SNR=6.1, ASAR, Alice Springs, 21.55 213, P, P, 22 31 15.1 -0.1, TORD, Torodi Ar, Bea, 144.71 284, PKP, PKPbc, 22 46 03.2 +0.4, ISCJB 27 22:59:12.9-1.6, 6:8S:0:1:129:8E:0:2, h10km, mb4.0/1, Error ellipse: s-maj=26.5km s-min=16.3km az=149.3, IDC 27 22:59:14.0-2.0, 6:94S:129:35E, h0km, mb3.9/1, mb1 3.9/3, mb1mx3.5/28, mbtmp3.7/3, ML3.8/2, Error ellipse: s-maj=11.7km s-min=3.1km az=68.0, AUST 27 22:59:28.4, 7:48S:129:04E, h0km, ISC 27 22:59:16.1-1.1, 6:95S:0:1:129:7E:0:1, h10km, n9, c1946/7, Banda Sea, Code, Station Name, Delta A, AZ, Phase ID, Time Res, ISC, h, m, s, ISC, FAKI, Fak Fak, 4.70 33, P, Op, Pg, 23 00 46.7 +0.6, SOEI, Soe, 6.06 241, P, P, 23 00 47.3 +1.3, MTN, Manton Dam, 6.11 166, P, P, 23 00 53.2 +6.7, KDU, Kakadu, 6.41 155, P, P, 23 00 58.2 +7.6, KNRA, Kununurra, 8.80 186, P, P, 23 01 24.7 +1.2, WRA, Warramunga Arr, 13.77 161, P, P, 23 02 31.7 +0.2, WRA, Warramunga Arr, 13.77 161, P, P, 23 04 52.0 -1.3, ASAR, Alice Springs, 17.19 167, P, P, 23 03 15.4 -1.2, ASAR, Alice Springs, 17.19 167, P, P, 23 06 13.0 -1.5, WRKA, Warakurna, 18.11 184, P, P, 23 03 26.5 -1.5, MKAR, Makanchi Array, 67.93 327, P, P, 23 10 14.1 -1.1, DJA 27 22:59:26.2-0.8, 1 N:4:12'E, h22km, 13km, M3.6/5, MLV3.6/5, Northern Molucca Sea, Code, Station Name, Delta A, AZ, Phase ID, Time Res, ISC, h, m, s, ISC, TNTI, Ternate, 0.81 73, P, Op, Pg, 22 59 41.3 -0.4, TNTI, Ternate, 0.81 73, P, Op, Pg, 22 59 52.3 +0.1, LBMI, Labuha, 1.48 142, P, P, 22 59 51.4 -0.1, LBMI, Labuha, 1.48 142, P, P, 23 00 11.4 +0.1, SANI, Sanana, 2.63 193, P, S, Sn, 23 00 09.1 +0.7, SANI, Sanana, 2.63 193, P, S, Sn, 23 00 37.9 -0.8, GTOI, Gorontalo, 3.58 272, P, P, 23 00 23.2 +2.8, JMA 27 23:03:20.7, 24:13N:121:57E, h23km, TAP 27 23:03:21.8, 24:25N:121:72E, h18km, ML3.1/B, ISCJB 27 23:03:22.5-0.3, 24:25N:121:71E:0:03, h16km, 5km, Error ellipse: s-maj=4.4km s-min=3.0km az=20.4, ISC 27 23:02:21.0-1.8, 24:26N:0:02:121:57E:0:03, h17km, 5km, n36, c0949/52, 20: Taiwan, Code, Station Name, Delta A, AZ, Phase ID, Time Res, ISC, h, m, s, ISC, EHP, Heping Village, 0.08 51, P, Op, Pg, 23 03 25.6 +0.1, EHP, Heping Village, 0.08 51, P, Op, Pg, 23 03 28.0 +0.2, ENA, Nanau, 0.18 20, P, P, Sg, 23 03 26.5 -0.1, ENA, Nanau, 0.18 20, P, P, Sg, 23 03 29.3 -0.5, TWD, Chiawan, 0.19 201, P, P, Pg, 23 03 26.9 0.0, TWD, Chiawan, 0.19 201, P, P, Pg, 23 03 30.1 0.0, HWA, Hwalien, 0.29 193, eP, P, Sg, 23 03 28.5 +0.1, HWA, Hwalien, 0.29 193, eP, P, Sg, 23 03 34.2 +0.9, NNS, Nan Shan, 0.33 303, P, P, Sg, 23 03 30.0 +0.5, NNS, Nan Shan, 0.33 303, P, P, Sg, 23 03 35.0 +0.5, TWC, Suao, 0.38 25, P, P, Sg, 23 03 29.9 -0.1, TWC, Suao, 0.38 25, P, P, Sg, 23 03 34.9 -0.5, ENT1, Noudou, 0.39 345, P, P, P, 23 03 30.8 +0.3, ENT1, Noudou, 0.39 345, P, P, P, 23 03 36.6 +0.3, WHF, Hehuan Shan, 0.39 253, P, P, Sg, 23 03 31.0 +0.2, WHF, Hehuan Shan, 0.39 253, P, P, Sg, 23 03 36.6 +0.3, TWT, Tachien, 0.45 269, eP, P, P, 23 03 32.9 -1.0, TWT, Tachien, 0.45 269, eP, P, P, 23 03 39.2 +1.0, TWE, Neicheng, 0.46 359, P, P, Sg, 23 03 31.7 0.0, TWE, Neicheng, 0.46 359, P, P, Sg, 23 03 37.9 -0.3, NSK, Sanguang, 0.50 325, P, P, P, 23 03 33.0 +0.5, NSK, Sanguang, 0.50 325, P, P, P, 23 03 39.8 +0.2, EGS, Gao, 0.63 22, P, P, P, 23 03 34.5 -0.1, NSTT, Nanjuang, 0.71 301, eP, P, P, 23 03 37.2 -0.2, NSTT, Nanjuang, 0.71 301, eP, P, P, 23 03 47.9 +0.1, TWB1, Santiao Chiao, 0.80 21, eP, P, P, 23 03 37.4 0.0, TWB1, Santiao Chiao, 0.80 21, eP, P, P, 23 03 47.3 -0.7, SMLT, Sun Moon Lake, 0.80 242, eP, P, P, 23 03 38.5 -0.1, SMLT, Sun Moon Lake, 0.80 242, eP, P, P, 23 03 38.7 +0.1, NWF, Wu-fen Shan, 0.81 7, eP, P, P, 23 03 38.5 -0.3, NWF, Wu-fen Shan, 0.81 7, eP, P, P, 23 03 48.6 -0.2, TWQ1, Liyutan, 0.83 276, eP, P, P, 23 03 40.0 +1.1, TYC, Yuchr, 0.83 245, eP, P, P, 23 03 38.9 +0.1, TYC, Yuchr, 0.83 245, eP, P, P, 23 03 38.7 -0.2, TWS1, Kuangyinshan, 0.87 344, eP, P, P, 23 03 40.0 +0.6, YUS, Yu-Shan, 1.01 221, eP, P, P, 23 03 41.1 -0.3, ALS, Alishan, 1.09 227, eP, P, P, 23 03 42.3 -0.3, CHN5, Tsauling, 1.12 234, eP, P, P, 23 03 44.2 +0.3, CHN5, Tsauling, 1.12 234, eP, P, P, 23 03 58.7 0.0

Table with columns: CHNS, YJNG, CHKT, YOJ, STYT, WTP, THW, CHN1, TWG, IRIF, EAST. Includes station names, coordinates, and status.

TAP 27:03:28.0, 23.72N, 121.47E, h3km, 1km, ML2.5, 1C, B, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like Jichi Village, Shilin, Shoufeng Towns, Hungye, Yuli, Yu-Shan.

IDC 27:23:04:35.0, 6.32S, 150.39E, h0km, mb4.1/1.0, mb1.4/3.12, mb1mx4.1/2.8, mbtmp4.1/1.2, ML3.0/2, MS3.4/9, Ms1.3/4.9, ms1mx3.2/2.8, Error ellipse: s-maj=25.1km s-min=15.0km az=111.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like Rabaul, Port Moresby, Honiara, Charters Tower, Kakadu, Eidsvoll, Roma, Guam, Tennant Creek, Warramunga Arr, WRA, WRA, DZM, DZM, ASAR, ASAR, ASAR, LUWI, WAKA, MEEK, MJAR, KSRS, KSAR, SONM, VNDA, MKAR, ZALV, MAW, MAW, ILAR, NVAR, NVAR, GERES, GERES, TORD, TORD.

IDC 27:23:04:42.0, 6.46S, 150.52E, h36km, Error ellipse: s-maj=1.8km s-min=1.2km az=306.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like Rabaul, Port Moresby, Honiara, Charters Tower, Kakadu, Eidsvoll, Roma, Guam, Tennant Creek, Warramunga Arr, WRA, WRA, DZM, DZM, ASAR, ASAR, ASAR, LUWI, WAKA, MEEK, MJAR, KSRS, KSAR, SONM, VNDA, MKAR, ZALV, MAW, MAW, ILAR, NVAR, NVAR, GERES, GERES, TORD, TORD.

IDC 27:23:04:40.2, 6.26S, 150.50E, 0.1, h33km, n30, 0.186/30, mb4.0/1.0, MS3.2/7, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like Rabaul, Port Moresby, Honiara, Charters Tower, Kakadu, Eidsvoll, Roma, Guam, Tennant Creek, Warramunga Arr, WRA, WRA, DZM, DZM, ASAR, ASAR, ASAR, LUWI, WAKA, MEEK, MJAR, KSRS, KSAR, SONM, VNDA, MKAR, ZALV, MAW, MAW, ILAR, NVAR, NVAR, GERES, GERES, TORD, TORD.

IDC 27:23:41:39.1, 0.5, 3.48N, 0.06, 93.38E, 0.04, h19km, mb4.0/1.6, MS3.0/1, Error ellipse: s-maj=8.2km s-min=5.1km az=17.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like Rabaul, Port Moresby, Honiara, Charters Tower, Kakadu, Eidsvoll, Roma, Guam, Tennant Creek, Warramunga Arr, WRA, WRA, DZM, DZM, ASAR, ASAR, ASAR, LUWI, WAKA, MEEK, MJAR, KSRS, KSAR, SONM, VNDA, MKAR, ZALV, MAW, MAW, ILAR, NVAR, NVAR, GERES, GERES, TORD, TORD.

IDC 27:23:41:41.3, 2.3, 3.54N, 93.38E, h22km, 17km, mb4.1/3, Error ellipse: s-maj=10.5km s-min=6.7km az=219.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like Rabaul, Port Moresby, Honiara, Charters Tower, Kakadu, Eidsvoll, Roma, Guam, Tennant Creek, Warramunga Arr, WRA, WRA, DZM, DZM, ASAR, ASAR, ASAR, LUWI, WAKA, MEEK, MJAR, KSRS, KSAR, SONM, VNDA, MKAR, ZALV, MAW, MAW, ILAR, NVAR, NVAR, GERES, GERES, TORD, TORD.

IDC 27:23:41:48.1, 1.3, 3.1N, 100.94E, 1.0, h104km, 24km, M4.5/6, mb4.5/3, mb4.9/2, M4.6/4.6, M4.6/4.2, Error ellipse: s-maj=2.1km s-min=1.1km az=162.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like Rabaul, Port Moresby, Honiara, Charters Tower, Kakadu, Eidsvoll, Roma, Guam, Tennant Creek, Warramunga Arr, WRA, WRA, DZM, DZM, ASAR, ASAR, ASAR, LUWI, WAKA, MEEK, MJAR, KSRS, KSAR, SONM, VNDA, MKAR, ZALV, MAW, MAW, ILAR, NVAR, NVAR, GERES, GERES, TORD, TORD.

IDC 27:23:41:50.5, 3.44N, 100.97, 93.39E, 0.06, h19km, n46, 0.190/47, mb4.2/1.6, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like Rabaul, Port Moresby, Honiara, Charters Tower, Kakadu, Eidsvoll, Roma, Guam, Tennant Creek, Warramunga Arr, WRA, WRA, DZM, DZM, ASAR, ASAR, ASAR, LUWI, WAKA, MEEK, MJAR, KSRS, KSAR, SONM, VNDA, MKAR, ZALV, MAW, MAW, ILAR, NVAR, NVAR, GERES, GERES, TORD, TORD.

IDC 27:23:41:51.4, 2.1, 5.76S, 152.74E, h0km, mb3.5/3, mb1.3/9.3, mb1mx3.5/2.5, mbtmp3.6/3, Error ellipse: s-maj=136.9km s-min=27.9km az=127.0, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like Rabaul, Port Moresby, Honiara, Charters Tower, Kakadu, Eidsvoll, Roma, Guam, Tennant Creek, Warramunga Arr, WRA, WRA, DZM, DZM, ASAR, ASAR, ASAR, LUWI, WAKA, MEEK, MJAR, KSRS, KSAR, SONM, VNDA, MKAR, ZALV, MAW, MAW, ILAR, NVAR, NVAR, GERES, GERES, TORD, TORD.

Table with columns: TWSI, WSI, BANI, DNP, IGBI, SRBI, BSSI, BSSI, JAGI, JAGI, JAGI, MMRI, BKSI, BKSI, KPAI, KPAI, KAPI, BANI, BANI, BANI, BANI, SOEI, MTN, KDU, FAKI, MEEK, WRA, WRA, SONM, MKAR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like Warramunga Arr, Alice Springs, Eielson Array, Torodi Arr, Bea, Zalesovo Beam, Makanchi Array.

IDC 27:23:32:51.4, 2.1, 5.76S, 152.74E, h0km, mb3.5/3, mb1.3/9.3, mb1mx3.5/2.5, mbtmp3.6/3, Error ellipse: s-maj=136.9km s-min=27.9km az=127.0, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like Warramunga Arr, Alice Springs, Eielson Array, Torodi Arr, Bea, Zalesovo Beam, Makanchi Array.

IDC 27:23:41:39.1, 0.5, 3.48N, 0.06, 93.38E, 0.04, h19km, mb4.0/1.6, MS3.0/1, Error ellipse: s-maj=8.2km s-min=5.1km az=17.6

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like Rabaul, Port Moresby, Honiara, Charters Tower, Kakadu, Eidsvoll, Roma, Guam, Tennant Creek, Warramunga Arr, WRA, WRA, DZM, DZM, ASAR, ASAR, ASAR, LUWI, WAKA, MEEK, MJAR, KSRS, KSAR, SONM, VNDA, MKAR, ZALV, MAW, MAW, ILAR, NVAR, NVAR, GERES, GERES, TORD, TORD.

IDC 27:23:41:41.3, 2.3, 3.54N, 93.38E, h22km, 17km, mb4.1/3, Error ellipse: s-maj=10.5km s-min=6.7km az=219.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like Rabaul, Port Moresby, Honiara, Charters Tower, Kakadu, Eidsvoll, Roma, Guam, Tennant Creek, Warramunga Arr, WRA, WRA, DZM, DZM, ASAR, ASAR, ASAR, LUWI, WAKA, MEEK, MJAR, KSRS, KSAR, SONM, VNDA, MKAR, ZALV, MAW, MAW, ILAR, NVAR, NVAR, GERES, GERES, TORD, TORD.

IDC 27:23:41:48.1, 1.3, 3.1N, 100.94E, 1.0, h104km, 24km, M4.5/6, mb4.5/3, mb4.9/2, M4.6/4.6, M4.6/4.2, Error ellipse: s-maj=2.1km s-min=1.1km az=162.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like Rabaul, Port Moresby, Honiara, Charters Tower, Kakadu, Eidsvoll, Roma, Guam, Tennant Creek, Warramunga Arr, WRA, WRA, DZM, DZM, ASAR, ASAR, ASAR, LUWI, WAKA, MEEK, MJAR, KSRS, KSAR, SONM, VNDA, MKAR, ZALV, MAW, MAW, ILAR, NVAR, NVAR, GERES, GERES, TORD, TORD.

IDC 27:23:41:50.5, 3.44N, 100.97, 93.39E, 0.06, h19km, n46, 0.190/47, mb4.2/1.6, Off west coast of northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like Rabaul, Port Moresby, Honiara, Charters Tower, Kakadu, Eidsvoll, Roma, Guam, Tennant Creek, Warramunga Arr, WRA, WRA, DZM, DZM, ASAR, ASAR, ASAR, LUWI, WAKA, MEEK, MJAR, KSRS, KSAR, SONM, VNDA, MKAR, ZALV, MAW, MAW, ILAR, NVAR, NVAR, GERES, GERES, TORD, TORD.

IDC 27:23:41:51.4, 2.1, 5.76S, 152.74E, h0km, mb3.5/3, mb1.3/9.3, mb1mx3.5/2.5, mbtmp3.6/3, Error ellipse: s-maj=136.9km s-min=27.9km az=127.0, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like Rabaul, Port Moresby, Honiara, Charters Tower, Kakadu, Eidsvoll, Roma, Guam, Tennant Creek, Warramunga Arr, WRA, WRA, DZM, DZM, ASAR, ASAR, ASAR, LUWI, WAKA, MEEK, MJAR, KSRS, KSAR, SONM, VNDA, MKAR, ZALV, MAW, MAW, ILAR, NVAR, NVAR, GERES, GERES, TORD, TORD.

IDC 27:23:41:51.4, 2.1, 5.76S, 152.74E, h0km, mb3.5/3, mb1.3/9.3, mb1mx3.5/2.5, mbtmp3.6/3, Error ellipse: s-maj=136.9km s-min=27.9km az=127.0, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like Rabaul, Port Moresby, Honiara, Charters Tower, Kakadu, Eidsvoll, Roma, Guam, Tennant Creek, Warramunga Arr, WRA, WRA, DZM, DZM, ASAR, ASAR, ASAR, LUWI, WAKA, MEEK, MJAR, KSRS, KSAR, SONM, VNDA, MKAR, ZALV, MAW, MAW, ILAR, NVAR, NVAR, GERES, GERES, TORD, TORD.

IDC 27:23:41:51.4, 2.1, 5.76S, 152.74E, h0km, mb3.5/3, mb1.3/9.3, mb1mx3.5/2.5, mbtmp3.6/3, Error ellipse: s-maj=136.9km s-min=27.9km az=127.0, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like Rabaul, Port Moresby, Honiara, Charters Tower, Kakadu, Eidsvoll, Roma, Guam, Tennant Creek, Warramunga Arr, WRA, WRA, DZM, DZM, ASAR, ASAR, ASAR, LUWI, WAKA, MEEK, MJAR, KSRS, KSAR, SONM, VNDA, MKAR, ZALV, MAW, MAW, ILAR, NVAR, NVAR, GERES, GERES, TORD, TORD.

Table with columns: ASAR, ZALV, ZALV, BRTR, BOSB, FINES, FINES, ARCES, GERES, GERES, GERES, VESTA, VESTA, VESTA, TORD, TORD, ESCD, TXAR, CPUP, CPUP.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like La Serena, Tololo Astrono, Vallenar, Copiapo, Caldera, La Paz, Zalesovo Beam, Makanchi Array.

IDC 27:23:48:23.2, 2.1, 2.9, 80S, 71.89W, h0km, mb3.6/2, mb1.3/9.3, mb1mx3.6/1.6, mbtmp3.6/3, ML3.7/1, Error ellipse: s-maj=77.1km s-min=51.2km az=37.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like La Serena, Tololo Astrono, Vallenar, Copiapo, Caldera, La Paz, Zalesovo Beam, Makanchi Array.

GUC 27:00:02:53.5, 1.2, 3.4, 87S, 71.69W, h48km, 7km, ML3.5, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like Hualae, Los Niches, Talca, Linares, San Pedro, Antupamu, Cerro Calan, Peldehue.

IDC 27:23:48:23.2, 2.1, 2.9, 80S, 71.89W, h0km, mb3.6/2, mb1.3/9.3, mb1mx3.6/1.6, mbtmp3.6/3, ML3.7/1, Error ellipse: s-maj=77.1km s-min=51.2km az=37.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like Hualae, Los Niches, Talca, Linares, San Pedro, Antupamu, Cerro Calan, Peldehue.

GUC 27:00:02:53.5, 1.2, 3.4, 87S, 71.69W, h48km, 7km, ML3.5, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like Hualae, Los Niches, Talca, Linares, San Pedro, Antupamu, Cerro Calan, Peldehue.

IDC 27:23:48:23.2, 2.1, 2.9, 80S, 71.89W, h0km, mb3.6/2, mb1.3/9.3, mb1mx3.6/1.6, mbtmp3.6/3, ML3.7/1, Error ellipse: s-maj=77.1km s-min=51.2km az=37.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like Hualae, Los Niches, Talca, Linares, San Pedro, Antupamu, Cerro Calan, Peldehue.

GUC 27:00:02:53.5, 1.2, 3.4, 87S, 71.69W, h48km, 7km, ML3.5, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like Hualae, Los Niches, Talca, Linares, San Pedro, Antupamu, Cerro Calan, Peldehue.

IDC 27:23:48:23.2, 2.1, 2.9, 80S, 71.89W, h0km, mb3.6/2, mb1.3/9.3, mb1mx3.6/1.6, mbtmp3.6/3, ML3.7/1, Error ellipse: s-maj=77.1km s-min=51.2km az=37.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like Hualae, Los Niches, Talca, Linares, San Pedro, Antupamu, Cerro Calan, Peldehue.

GUC 27:00:02:53.5, 1.2, 3.4, 87S, 71.69W, h48km, 7km, ML3.5, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like Hualae, Los Niches, Talca, Linares, San Pedro, Antupamu, Cerro Calan, Peldehue.

IDC 27:23:48:23.2, 2.1, 2.9, 80S, 71.89W, h0km, mb3.6/2, mb1.3/9.3, mb1mx3.6/1.6, mbtmp3.6/3, ML3.7/1, Error ellipse: s-maj=77.1km s-min=51.2km az=37.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like Hualae, Los Niches, Talca, Linares, San Pedro, Antupamu, Cerro Calan, Peldehue.

GUC 27:00:02:53.5, 1.2, 3.4, 87S, 71.69W, h48km, 7km, ML3.5, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Includes stations like Hualae, Los Niches, Talca, Linares, San Pedro, Antupamu, Cerro Calan, Peldehue.

Table with columns: SRS, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Serrai, Griva, JNBK, Erimo, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Urakawa-nobuka, Erimo, Biratori 2, etc.

Table with columns: H1N1, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WAKE ISLAND Hy 30.31, Lanzhou, etc.

IDC 28 01:19:58.3-1.6, 34:39Sx178:65W, h68km, mb3.6/3, mb1 3.6/4, mb1mx3.5/20, mbtmp3.9/4, Error ellipse: s-maj=35.1km s-min=12.4km az=121.0

ISC 28 01:19:57.7-1.1, 34:47S, 0:09:178.6W, 0.1, h51km, n23, c205/34, mb3.7/3, South of Kermadec Islands

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

ASAJ baz=229,slow=19 LR Sn 01 44 59.7 +1.9

ASAJ comp=Z,256nm,21.6s,baz=216,slow=51 LR 01 45 45.7

ASAJ Asahikawa 2.10 0 ePn 01 44 33.9 +1.0

ASAJ Yuzh-Kuril'sk 3.15 49d iPn 01 44 59.9 +2.1

YUK comp=N,138nm,0.4s pmax pmax 01 45 23.6 +0.2

YUK comp=E,166nm,0.4s pmax pmax 01 45 23.6 +0.2

YUK comp=Z,499nm,0.4s pmax pmax 01 45 23.6 +0.2

YUK comp=N,11um,0.6s smax smax 01 45 23.6 +0.2

SHO Shikotan 3.63 58 i/PN 01 44 52.9 -0.9

SHO Yuzh-Sakhalins 4.94 1 ePn 01 45 33.1 -2.3

YSS comp=Z,60nm,0.9s pmax pmax 01 45 13.6 +1.9

YSS Kuril'sk 5.01 48 i/PN 01 45 15.2 +2.5

KUR comp=N,42nm,0.4s pmax pmax 01 46 11.7 +2.5

KUR comp=E,61nm,0.4s pmax pmax 01 46 11.7 +2.5

KUR comp=Z,87nm,0.4s smax smax 01 46 11.7 +2.5

KUR comp=E,66nm,0.3s smax smax 01 46 11.7 +2.5

MMJB Matsu-Sugadairi 6.38 213 ePn Pn 01 45 33.8 +2.1

MMJB Matsu-Takimoto 6.39 213 ePn Pn 01 45 34.2 +2.4

MAJO Matushiro 6.42 213 i/PN Pn 01 45 34.1 +2.0

MAJO comp=Z,27nm,0.7s ePn Pn 01 45 33.5 +1.3

MAJO Matushiro 6.42 213 ePn Pn 01 45 34.3 +2.2

MAT Matushiro 6.42 213 ePn Pn 01 46 47.7 +3.6

MJAR Matushiro Arr 6.42 213 Pn 01 45 34.5 +2.4

MJAR comp=Z,1.6nm,0.3s,baz=18,slow=14,SNR=14 LR 01 48 36.1

MJAR comp=Z,108nm,20.2s,baz=20,slow=42 MJAR 01 45 34.5 +2.4

MJAR comp=Z,2.0nm,0.3s MJAR MLR 01 45 34.5 +2.4

MJAR comp=Z,108nm,20.2s UGL 7.08 357 ePn Pn 01 45 36.1 -4.8

VLA Vladivostok 7.97 282 i/PN Pn 01 45 51.8 -1.4

USRK comp=Z,21nm,0.7s USRK 01 45 56.1 +1.8

USRK Ussuriysk Arr 8.05 289 Pn 01 48 54.0

USRK comp=Z,0.7nm,0.3s,baz=92,slow=14,SNR=22 LR 01 48 54.0

HABR Khabarovsk 8.36 323 ePn Pn 01 45 53.5 -5.0

HABR comp=E,57nm,1.5s pmax pmax 01 45 53.5 -5.0

HABR comp=N,57nm,1.5s pmax pmax 01 45 53.5 -5.0

HABR comp=Z,86nm,1.5s pmax pmax 01 45 53.5 -5.0

HABR comp=Z,161nm,19.0s TYV 8.85 0 ePn Pn 01 46 09.2 +4.0

TYV Tymoyskoe 8.85 0 ePn Pn 01 46 09.2 +4.0

KS10 comp=Z,6.0nm,0.6s KS10 01 46 50.6 +0.4

KSRS Korea Array 12.14 253 Pn 01 46 53.3 +2.8

KSRS comp=Z,0.6nm,0.3s,baz=64,slow=14,SNR=17 LR 01 45 05.2

KSRS comp=Z,125nm,20.4s,baz=62,slow=35 KSRS 01 46 53.3 +2.8

KSRS Korea Array 12.16 253 pmax pmax 01 46 53.3 +2.8

KSRS comp=Z,1.0nm,0.3s MLR MLR 01 46 53.3 +2.8

KSRS comp=Z,125nm,20.4s KSAR 12.19 253 Pn 01 46 53.3 +2.4

KSAR Wonju Array Be 12.19 253 Pn 01 46 53.3 +2.4

CN2 Changchun 12.69 284 ePn Pn 01 47 00.3 +2.7

CN2 comp=Z,10.0nm,0.5s SKR 12.74 42 i/PN Pn 01 46 56.3 -2.0

SKR Sevo-Kuril'sk 12.74 42 i/PN Pn 01 46 56.3 -2.0

TJN Taejon 13.06 249i ePn Pn 01 47 03.5 +0.7

PETK Petropavlovsk 15.05 37 LR LR 01 53 43.1

BJI Beijing 19.99 273 P P 01 48 26.5 -1.5

BJI comp=Z,15nm,0.9s PMZ PMZ 01 48 26.5 -1.5

BJI comp=Z,120nm,29.4s TIA 20.54 262 i/PN Pn 01 48 32.3 -1.7

TIA Tai'an 20.54 262 i/PN Pn 01 48 32.3 -1.7

NJ2 Nanjing 21.33 250 ePm P 01 48 43.0 +0.6

NJ2 comp=Z,80nm,1.4s SEY 21.74 12 P P 01 48 44.9 -1.7

SEY Seymchan 21.74 12 P P 01 48 44.9 -1.7

SEY comp=Z,3.9nm,0.6s,baz=198,slow=8.8,SNR=7.5 SEY 01 48 44.9 -1.7

SEY Seymchan 21.74 12i eP P 01 48 44.9 -1.7

HHC Hu-ho-hao-te 23.22 278 eP P 01 49 01.8 -0.7

HHC comp=Z,15nm,0.5s PMZ PMZ 01 49 01.8 -0.7

HHC comp=Z,130nm,4.1s WHN 25.35 252 P P 01 49 23.5 +1.5

WHN Wuhan 25.35 252 P P 01 49 23.5 +1.5

ULN Ulanbaatar 25.66 295i i/P P 01 49 24.4 -0.4

ULN comp=Z,6.0nm,1.2s ULN 01 49 24.4 -0.4

ULN Ulanbaatar 25.66 295 eP P 01 49 24.1 -0.7

ULN comp=Z,1nm,0.8s SONM 26.10 295 P P 01 49 27.7 -1.1

SONM Songoing Array 26.10 295 P P 01 49 27.7 -1.1

SONM comp=Z,2.2nm,0.5s,baz=74,slow=9,SNR=18 SONM 01 52 55.1 +0.1

SONM Songoing Array 26.10 295 P P 01 52 55.1 +0.1

SONM comp=Z,0.5nm,0.5s,baz=149,slow=4.9,SNR=9.0 SONM 02 00 20.8

SONM comp=Z,111nm,19.7s,baz=80,slow=38 SONM 01 49 27.7 -1.1

SONM Songoing Array 26.10 295 P P 01 49 27.7 -1.1

SONM comp=Z,2.0nm,0.5s pmax pmax 01 49 27.7 -1.1

SONM comp=Z,1.0nm,0.5s MLR MLR 01 49 27.7 -1.1

SONM comp=Z,111nm,19.7s H1N2 30.29 130 T T 02 21 41.9

H1N2 WAKE ISLAND Hy 30.29 130 T T 02 21 41.9

H1N1 WAKE ISLAND Hy 30.30 130 T T 02 21 40.3

CD2 comp=Z,10.0nm,0.5s PMZ PMZ 01 50 28.5 -0.4

CD2 comp=Z,140nm,7.2s CD2 01 50 40.3 -2.3

CD2 comp=Z,170nm,6.0s CD2 01 50 45.3 -3.1

CD2 comp=Z,110nm,6.0s CD2 01 51 43.8 -0.5

CD2 comp=Z,10.0nm,0.5s CD2 01 55 40.3 +2.4

CD2 comp=Z,10.0nm,0.5s CD2 01 56 03.0 -0.5

CD2 comp=Z,10.0nm,0.5s CD2 01 56 03.0 -0.5

CD2 comp=Z,10.0nm,0.5s CD2 01 56 03.0 -0.5

CD2 comp=Z,10.0nm,0.5s CD2 01 56 03.0 -0.5

CD2 comp=Z,10.0nm,0.5s CD2 01 56 03.0 -0.5

CD2 comp=Z,10.0nm,0.5s CD2 01 56 03.0 -0.5

CD2 comp=Z,10.0nm,0.5s CD2 01 56 03.0 -0.5

CD2 comp=Z,10.0nm,0.5s CD2 01 56 03.0 -0.5

CD2 comp=Z,10.0nm,0.5s CD2 01 56 03.0 -0.5

CD2 comp=Z,10.0nm,0.5s CD2 01 56 03.0 -0.5

CD2 comp=Z,10.0nm,0.5s CD2 01 56 03.0 -0.5

CD2 comp=Z,10.0nm,0.5s CD2 01 56 03.0 -0.5

CD2 comp=Z,10.0nm,0.5s CD2 01 56 03.0 -0.5

CD2 comp=Z,10.0nm,0.5s CD2 01 56 03.0 -0.5

CD2 comp=Z,10.0nm,0.5s CD2 01 56 03.0 -0.5

CD2 comp=Z,10.0nm,0.5s CD2 01 56 03.0 -0.5

CD2 comp=Z,10.0nm,0.5s CD2 01 56 03.0 -0.5

CD2 comp=Z,10.0nm,0.5s CD2 01 56 03.0 -0.5

CD2 comp=Z,10.0nm,0.5s CD2 01 56 03.0 -0.5

CD2 comp=Z,10.0nm,0.5s CD2 01 56 03.0 -0.5

CD2 comp=Z,10.0nm,0.5s CD2 01 56 03.0 -0.5

CD2 comp=Z,10.0nm,0.5s CD2 01 56 03.0 -0.5

CD2 comp=Z,10.0nm,0.5s CD2 01 56 03.0 -0.5

CD2 comp=Z,10.0nm,0.5s CD2 01 56 03.0 -0.5

CD2 comp=Z,10.0nm,0.5s CD2 01 56 03.0 -0.5

CD2 comp=Z,10.0nm,0.5s CD2 01 56 03.0 -0.5

CD2 comp=Z,10.0nm,0.5s CD2 01 56 03.0 -0.5

CD2 comp=Z,10.0nm,0.5s CD2 01 56 03.0 -0.5

CD2 comp=Z,10.0nm,0.5s CD2 01 56 03.0 -0.5

CD2 comp=Z,10.0nm,0.5s CD2 01 56 03.0 -0.5

CD2 comp=Z,10.0nm,0.5s CD2 01 56 03.0 -0.5

CD2 comp=Z,10.0nm,0.5s CD2 01 56 03.0 -0.5

CD2 comp=Z,10.0nm,0.5s CD2 01 56 03.0 -0.5

CD2 comp=Z,10.0nm,0.5s CD2 01 56 03.0 -0.5

CD2 comp=Z,10.0nm,0.5s CD2 01 56 03.0 -0.5

CD2 comp=Z,10.0nm,0.5s CD2 01 56 03.0 -0.5

CD2 comp=Z,10.0nm,0.5s CD2 01 56 03.0 -0.5

CD2 comp=Z,10.0nm,0.5s CD2 01 56 03.0 -0.5

CD2 comp=Z,10.0nm,0.5s CD2 01 56 03.0 -0.5

CD2 comp=Z,10.0nm,0.5s CD2 01 56 03.0 -0.5

CD2 comp=Z,10.0nm,0.5s CD2 01 56 03.0 -0.5

CD2 comp=Z,10.0nm,0.5s CD2 01 56 03.0 -0.5

CD2 comp=Z,10.0nm,0.5s CD2 01 56 03.0 -0.5

CD2 comp=Z,10.0nm,0.5s CD2 01 56 03.0 -0.5

CD2 comp=Z,10.0nm,0.5s CD2 01 56 03.0 -0.5

CD2 comp=Z,10.0nm,0.5s CD2 01 56 03.0 -0.5

CD2 comp=Z,10.0nm,0.5s CD2 01 56 03.0 -0.5

CD2 comp=Z,10.0nm,0.5s CD2 01 56 03.0 -0.5

IDC 28 01:36:48.6-2.0, 5:04N-125:07E, h0km, mb3.4/4, mb1 3.6/4, mb1mx3.3/38, mbtmp3.5/4, MS2.8/1, Ms1 2.8/1, ms1mx2.4/20, Error ellipse: s-maj=131.2km s-min=25.5km az=68.0, Mindanao

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

USRK comp=Z,10.0nm,0.5s USRK 01 45 56.1 +1.8

USRK Ussuriysk Arr 8.05 289 Pn 01 48 54.0

USRK comp=Z,0.7nm,0.3s,baz=92,slow=14,SNR=22 LR 01 48 54.0

HABR Khabarovsk 8.36 323 ePn Pn 01 45 53.5 -5.0

HABR comp=E,57nm,1.5s pmax pmax 01 45 53.5 -5.0

HABR comp=N,57nm,1.5s pmax pmax 01 45 53.5 -5.0

HABR comp=Z,86nm,1.5s pmax pmax 01 45 53.5 -5.0

HABR comp=Z,161nm,19.0s TYV 8.85 0 ePn Pn 01 46 09.2 +4.0

TYV Tymoyskoe 8.85 0 ePn Pn 01 46 09.2 +4.0

KS10 comp=Z,6.0nm,0.6s KS10 01 46 50.6 +0.4

KSRS Korea Array 12.14 253 Pn 01 46 53.3 +2.8

KSRS comp=Z,0.6nm,0.3s,baz=64,slow=14,SNR=17 LR 01 45 05.2

KSRS comp=Z,125nm,20.4s,baz=62,slow=35 KSRS 01 46 53.3 +2.8

KSRS Korea Array 12.16 253 pmax pmax 01 46 53.3 +2.8

KSRS comp=Z,1.0nm,0.3s MLR MLR 01 46 53.3 +2.8

KSRS comp=Z,125nm,20.4s KSAR 12.19 253 Pn 01 46 53.3 +2.4

KSAR Wonju Array Be 12.19 253 Pn 01 46 53.3 +2.4

CN2 Changchun 12.69 284 ePn Pn 01 47 00.3 +2.7

CN2 comp=Z,10.0nm,0.5s SKR 12.74 42 i/PN Pn 01 46 56.3 -2.0

SKR Sevo-Kuril'sk 12.74 42 i/PN Pn 01 46 56.3 -2.0

TJN Taejon 13.06 249i ePn Pn 01 47 03.5 +0.7

PETK Petropavlovsk 15.05 37 LR LR 01 53 43.1

BJI Beijing 19.99 273 P P 01 48 26.5 -1.5

BJI comp=Z,15nm,0.9s PMZ PMZ 01 48 26.5 -1.5

BJI comp=Z,120nm,29.4s TIA 20.54 262 i/PN Pn 01 48 32.3 -1.7

TIA Tai'an 20.54 262 i/PN Pn 01 48 32.3 -1.7

NJ2 Nanjing 21.33 250 ePm P 01 48 43.0 +0.6

NJ2 comp=Z,80nm,1.4s SEY 21.74 12 P P 01 48 44.9 -1.7

SEY Seymchan 21.74 12 P P 01 48 44.9 -1.7

SEY comp=Z,3.9nm,0.6s,baz=198,slow=8.8,SNR=7.5 SEY 01 48 44.9 -1.7

SEY Seymchan 21.74 12i eP P 01 48 44.9 -1.7

CD2 comp=Z,10.0nm,0.5s PMZ PMZ 01 50 28.5 -0.4

CD2 comp=Z,140nm,7.2s CD2 01 50 40.3 -2.3

CD2 comp=Z,170nm,6.0s CD2 01 50 45.3 -3.1

CD2 comp=Z,110nm,6.0s CD2 01 51 43.8 -0.5

28d 1h

2010 SEP

1308

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time Res, Res. Includes stations like KSH, KOLN, EKS2, INK, ARU, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time Res, Res. Includes stations like GNI, NOB, NOA, BOZ, AKASG, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time Res, Res. Includes stations like Copiapo, Freirina, Huasco, Santiago, Tierra Amarilla, etc.

832A	Faith Ranch, C	63.56	332	P	P	01 58 41.1	+1.0
733A	Divot King Ran	63.67	333	P	P	01 58 41.7	+0.9
635A	Leesville	63.67	334	P	P	01 58 41.5	+0.8
537A	Green Hill Far	63.76	336	P	P	01 58 42.5	+1.2
439A	Center Grove,	63.88	338	P	P	01 58 43.4	+1.4
634A	China Grove, S	63.89	334	P	P	01 58 42.8	+0.6
VBMS	Vicksburg	63.92	342	P	P	01 58 43.2	+0.9
732A	Laxson Ranch,	63.95	332	P	P	01 58 43.7	+1.1
438A	Sam Houston St	64.08	337	P	P	01 58 44.6	+1.2
300A	Bronson	64.16	339	P	P	01 58 44.5	+0.6
633A	Saathoff Ranch	64.28	333	P	P	01 58 45.7	+0.9
339A	Huntington	64.30	338	P	P	01 58 45.8	+0.9
534A	Blanco	64.51	334	P	P	01 58 46.5	+0.2
632A	Uvalde	64.56	333	P	P	01 58 47.7	+1.0
533A	Kerrville	64.77	333	P	P	01 58 48.9	+0.9
631A	Perdido Creek	64.80	332	P	P	01 58 48.6	+0.4
435B	Jarrell	64.86	335	P	P	01 58 49.2	+0.7
239A	Gary	64.91	338	P	P	01 58 49.6	+0.9
336A	Riesel	65.13	336	P	P	01 58 50.8	+0.6
434A	Burnet	65.14	334	P	P	01 58 50.6	+0.3
532A	Rocksprings	65.16	333	P	P	01 58 51.6	+1.0
335A	Moody	65.25	335	P	P	01 58 51.7	+0.6
237A	Washetta, Mont	65.33	337	P	P	01 58 52.6	+1.0
433A	Art	65.40	334	P	P	01 58 52.7	+0.6
JCT	Junction City	65.43	333	eP	Pmax	01 58 53.0	+0.7
JCT	Junction City	65.43	333	P	Pmax	01 58 53.0	+0.7
JCT	Junction City	65.43	333	eP	P	01 58 53.0	+0.7
531A	Rocksprings	65.45	332	P	P	01 58 53.5	+1.1
236A	Katherine and	65.58	337	P	P	01 58 53.9	+0.8
334A	Lometa	65.59	335	P	P	01 58 53.8	+0.5
SWET	Sewanee	65.71	347	eP	P	01 58 53.5	-0.5
530A	J-C Ranch, Com	65.76	332	P	P	01 58 55.4	+1.0
432A	Menard	65.78	333	P	P	01 58 55.0	+0.5
OXF	Oxford	65.81	344	eP	Pmax	01 58 53.8	-0.7
OXF	Oxford	65.81	344	eP	Pmax	01 58 53.8	-0.7
OXF	Oxford	65.81	344	eP	P	01 58 53.8	-0.7
137A	Heron Place, G	65.86	337	P	P	01 58 56.0	+1.1
333A	Richland Sprin	65.86	334	P	P	01 58 55.5	+0.5
WHTX	Lake Whitney	65.90	336	P	P	01 58 55.5	+0.3
431A	Sonora	65.93	332	P	P	01 58 55.9	+0.4
Z39A	Irene McRaven,	65.94	339	P	P	01 58 56.2	+0.7
136A	Ennis	66.01	337	P	P	01 58 56.4	+0.5
TXAR	Lajitas Array	66.06	329	P	P	01 58 57.2	+0.8
TXAR	Stev Forest Ra	66.11	331	P	P	01 58 57.7	+1.0
529A	Stev Forest Ra	66.11	331	P	P	01 58 57.7	+1.0
234A	Clairette	66.16	335	P	P	01 58 57.4	+0.5
Z38A	Mt. Pleasant	66.21	338	P	P	01 58 58.0	+0.8
332A	Millersview	66.21	334	P	P	01 58 57.8	+0.5
135A	Vickery Place,	66.39	336	P	P	01 58 58.7	+0.4
429A	Davenport Ranch	66.41	331	P	P	01 58 59.5	+0.8
331A	San Angelo	66.41	333	P	P	01 58 59.1	+0.5
233A	Rising Star	66.45	335	P	P	01 58 59.1	+0.3
Y39A	Lockesburg	66.56	339	P	P	01 58 59.9	+0.5
232A	Coleman	66.62	334	P	P	01 59 00.4	+0.5
134A	White-Moore Ra	66.65	335	P	P	01 59 00.4	+0.4
Z36A	Blue Ridge	66.70	337	P	P	01 59 00.9	+0.6
Y38A	Idabel	66.75	339	P	P	01 59 00.9	+0.3
330A	Mertzong	66.80	332	P	P	01 59 01.3	+0.3
231A	Bronte	66.92	333	P	P	01 59 02.1	+0.1
MIAR	Mount Ida	66.97	340	eP	Pmax	01 59 01.9	-0.1
MIAR	Mount Ida	66.97	340	eP	Pmax	01 59 01.9	-0.1
MIAR	Mount Ida	66.97	340	eP	P	01 59 01.9	-0.1
133A	Hamilton Ranch	66.99	335	P	P	01 59 02.7	+0.6
WVT	Waverly	66.99	345	eP	Pmax	01 59 01.3	-0.8
WVT	Waverly	66.99	345	eP	Pmax	01 59 01.3	-0.8
WVT	Waverly	66.99	345	eP	P	01 59 01.3	-0.8
Z35A	Perchaven, San	67.04	337	P	P	01 59 03.0	+0.5
Y37A	Hugo	67.08	338	P	P	01 59 03.3	+0.6
230A	Sterling City	67.20	333	P	P	01 59 03.8	+0.3
329A	Wagon Wheel Ra	67.20	332	P	P	01 59 04.2	+0.6
ABTX	Abilene, Hawle	67.27	334	P	P	01 59 04.6	+0.5
Z34A	Collier Ranch,	67.31	336	P	P	01 59 04.5	+0.3
X38A	Whitesboro	67.47	339	P	P	01 59 05.7	+0.5
Z33A	Whitaker Ranch	67.54	335	P	P	01 59 06.1	+0.5
229A	Bryant Ranch,	67.55	332	P	P	01 59 06.5	+0.7
X37A	Clayton	67.56	339	P	P	01 59 06.2	+0.5
131A	Roby	67.60	334	P	P	01 59 06.6	+0.5
SBA	Scott Base	67.74	191	eP	Pmax	01 59 08.0	+1.6
SBA	Scott Base	67.74	191	eP	Pmax	01 59 08.0	+1.6
W38A	Poteau	67.74	340	P	P	01 59 07.5	+0.6
130A	Snyder	67.76	333	P	P	01 59 07.4	+0.3
Y34A	Reagan Ranch,	67.78	336	P	P	01 59 07.2	+0.1
Z32A	Haskell	67.82	335	P	P	01 59 08.0	+0.6
X36A	Centrahoma	67.86	338	P	P	01 59 07.1	-0.6

X35A	Drake	67.92	337	P	P	01 59 07.9	-0.1
Z28A	UT Block 9, Go	68.00	332	P	P	01 59 09.0	+0.4
Z31A	Sharp Cattle R	68.00	334	P	P	01 59 09.6	+0.5
W37A	Quinton	68.09	339	P	P	01 59 09.1	+0.1
Y33A	Hilltop Ranch,	68.14	336	P	P	01 59 09.7	+0.3
129A	Stewart Farms,	68.15	332	P	P	01 59 09.8	+0.2
PBMO	Poplar Bluff	68.21	344	eP	P	01 59 09.8	+0.1
W36A	Wetumka	68.34	338	P	P	01 59 10.1	-0.6
X34A	Smith Ranch, M	68.39	337	P	P	01 59 11.3	+0.3
128A	Castleberry Fa	68.39	332	P	P	01 59 11.5	+0.3
Y32A	R-V Farms, Ver	68.43	335	P	P	01 59 11.5	+0.3
Z30A	Sanderson Ranc	68.43	333	P	P	01 59 11.4	+0.1
V38A	Canehill	68.44	340	P	P	01 59 11.0	-0.2
W35A	Tecumseh	68.57	338	P	P	01 59 11.5	-0.5
X33A	Lawton	68.57	336	P	P	01 59 11.6	-0.5
Z29A	Hungry Hill Ra	68.64	333	P	P	01 59 12.5	-0.1
V37A	Hulbert	68.68	339	P	P	01 59 12.7	0.0
WCI	Wyandotte Cave	68.70	347	eP	Pmax	01 59 11.8	-1.0
WCI	Wyandotte Cave	68.70	347	eP	Pmax	01 59 11.8	-1.0
Y31A	Reklita Farm,	68.70	334	P	P	01 59 13.4	+0.5
USIN	University of	68.72	346	eP	P	01 59 12.2	-0.6
X32A	Elmer	68.75	335	P	P	01 59 13.5	+0.3
VNDA	Vanda	68.76	191	P	P	01 59 13.9	+1.1
SIUC	Southern Illin	68.82	345	eP	P	01 59 13.3	-0.1
MNTX	Cornudas Mount	68.84	329	P	P	01 59 13.4	-0.4
MNTX	Cornudas Mount	68.84	329	eP	P	01 59 13.4	-0.4
V36A	Jenks	68.85	339	P	P	01 59 13.6	-0.2
WMOK	Wichita Mounta	68.85	336	eP	Pmax	01 59 13.6	-0.3
WMOK	Wichita Mounta	68.85	336	eP	Pmax	01 59 13.6	-0.3
Y30A	Stafford Cattl	68.86	334	P	P	01 59 14.1	+0.1
TUL1	Tulsa	68.91	339	P	P	01 59 13.9	-0.3
TUL1	Tulsa	68.91	339	eP	P	01 59 14.2	+0.1
Z28A	Tucker Farm, M	68.94	332	P	P	01 59 14.6	+0.1
W34A	Bridge Creek,	68.95	337	P	P	01 59 14.8	+0.3
U38A	Gravette	68.97	340	P	P	01 59 14.4	-0.2
V35A	Meyer Ranch, C	69.11	338	P	P	01 59 15.1	-0.3
TBI	Tubaj	69.12	255	eT	T	03 14 35.3	
Y29A	Porterfield Fa	69.15	333	P	P	01 59 16.0	+0.2
U37A	Salina	69.16	340	P	P	01 59 15.6	-0.1
X31A	McDonald Ranch	69.19	335	P	P	01 59 16.1	+0.1
V34A	Guthrie	69.40	337	P	P	01 59 17.1	-0.2
Y28A	McKinney Farm,	69.42	333	P	P	01 59 17.7	+0.2
OLIL	Olney	69.55	346	eP	P	01 59 17.3	-0.7
U35A	Pawnee	69.64	338	P	P	01 59 18.7	+0.1
V33A	Lossen Ranch,	69.65	337	P	P	01 59 18.9	+0.2
W31A	Holland Ranch,	69.67	335	P	P	01 59 18.8	-0.1
X29A	Tulia	69.68	333	P	P	01 59 19.2	+0.2
MSTX	Muleshoe	69.69	332	P	P	01 59 19.2	+0.1
T37A	Cheyenneville 18	69.76	340	P	P	01 59 19.2	-0.2
SLM	Saint Louis	69.93	344	eP	Pmax	01 59 20.1	-0.3
SLM	Saint Louis	69.93	344	eP	Pmax	01 59 20.1	-0.3
SYO	Syowa Base	69.93	159	iP	P	01 59 18.3	-1.8
SYO	Syowa Base	69.93	159	eX	P	01 59 30.0	-6.5
U34A	Anderson Ranch	69.96	338	P	P	01 59 20.7	0.0
T36A	Boggs Farm, Ca	70.00	339	P	P	01 59 20.5	-0.3
AMTX	Amarillo	70.06	334	P	P	01 59 21.8	+0.4
T35A	Sooner Cattle	70.06	339	P	P	01 59 21.4	+0.1
ACSO	Alum Creek Sta	70.09	350	eP	P	01 59 21.0	-0.3
U33A	Lingo Farm, Me	70.15	337	P	P	01 59 21.9	+0.1
V31A	Spring Creek L	70.16	336	P	P	01 59 22.7	+0.8
W29A	Amarillo	70.25	334	P	P	01 59 22.8	+0.2
S37A	Fort Scott	70.33	340	P	P	01 59 22.6	-0.2
T34A	McClaskey Farm	70.38	338	P	P	01 59 23.8	+0.6
V30A	Spur Ranch, Mi	70.46	335	P	P	01 59 24.9	+1.1
S36A	Lake Cedric, C	70.52	340	P	P	01 59 23.9	-0.1
W28A	Vega	70.59	334	P	P	01 59 25.1	+0.4
121A	Cookes Peak, D	70.64	328	P	P	01 59 26.5	+1.4
S35A	Otter Creek Ra	70.71	339	P	P	01 59 24.9	-0.2
T33A	Patterson Ranc	70.78	337	P	P	01 59 26.4	+0.8
R37A	Teagarden Farm	70.84	341	P	P	01 59 25.7	-0.2
SFIN	Scholer Farm	70.93	347	P	P	01 59 25.3	-1.1
SFIN	Scholer Farm	70.93	347	eP	P	01 59 25.1	-1.3
S34A	Willow Spring	70.97	339	P	P	01 59 26.8	0.0
V28A	Channing	71.03	334	P	P	01 59 28.2	+0.9
R36A	Gordon, Harris	71.05	340	P	P	01 59 27.0	-0.2
U32A	Huddler Ranch,	71.10	337	P	P	01 59 28.3	+0.7
T30A	WK&E Inc. Balk	71.13	335	P	P	01 59 28.5	+0.6
S33A	Kaszaul Farm,	71.16	338	P	P	01 59 28.5	+0.6
Q37A	Lonview Farm,	71.25	341	P	P	01 59 27.7	-0.7
R35A	Emporia Munic	71.26	340	P	P	01 59 28.4	-0.1
V27A	Don Oppiter Fa	71.27	333	P	P	01 59 29.4	+0.6
T31A	Randall Ranch,	71.29	336	P	P	01 59 29.1	+0.4
TIAR	Tiare	71.44	260	eT	T	03 17 25.7	

HDIL	Hopedale	71.55	346	P	P	01 59 29.4	-0.8
R34A	Isabella, Hill	71.56	339	P	P	01 59 30.4	+

28d 1h

MONP	Monument Peak baz=76	75.27 322	P	P	01 59 54.1 +1.6
BC3	Big Chuckwall baz=76,SNR=14	75.35 323	P	P	01 59 54.2 +1.4
O26A	Horse Wrangler baz=76	75.38 335	P	P	01 59 54.1 +1.2
M29A	Burnside Ranch baz=76	75.53 338	P	P	01 59 54.6 +1.0
OGNE	Ogallala baz=76	75.54 336	P	P	01 59 54.4 +0.7
IRM	Iron Mountain baz=76,SNR=11	75.58 324	P	P	01 59 55.1 +1.1
L31A	Butterfield Fa baz=76	75.59 339	P	P	01 59 54.5 +0.6
N27A	Anderson Farm, baz=76	75.60 336	P	P	01 59 55.1 +1.0
L30A	Spencer Herefo baz=76	75.67 338	P	P	01 59 55.1 +0.8
PV01	Paradox Valley comp=Z,21nm,1.1s	75.67 330	eP	P	01 59 55.7 +1.0
M28A	Bar X Bar Ranch baz=76	75.72 337	P	P	01 59 55.4 +0.7
J34A	George baz=76	75.77 342	P	P	01 59 54.9 0.0
PFO	Pinyon Flat Ob baz=76	75.84 322	eP	pmax	01 59 56.6 +0.9
PFO	Pinyon Flat Ob comp=Z,26nm,1.3s	75.84 322	P	P	01 59 57.0 +1.3
PFO	Pinyon Flat Ob comp=Z,72nm,1.2s,SNR=5.7	75.84 322	P	P	01 59 57.3 +1.6
PFO	Pinyon Flat Ob comp=Z,26nm,1.3s	75.84 322	eP	P	01 59 56.6 +0.9
ISCO	Idaho Springs baz=76	75.87 333	eP	pmax	01 59 56.6 +0.7
ISCO	Idaho Springs comp=Z,13nm,0.9s	75.87 333	P	P	01 59 56.9 +1.0
ISCO	Idaho Springs comp=Z,39nm,0.9s	75.87 333	eP	P	01 59 56.6 +0.7
SMCO	Snowmass comp=Z,34nm,0.8s	75.89 332	eP	P	01 59 57.2 +1.1
BELC	Belle Mtn. Jos baz=76,SNR=7.9	75.90 323	P	P	01 59 56.8 +0.8
K31A	O'Neill baz=76	75.97 339	P	P	01 59 56.6 +0.5
L29A	Maesberg Ranch baz=76	76.02 338	P	P	01 59 57.4 +1.0
PV04	Paradox Valley baz=76	76.03 330	eP	P	01 59 58.3 +1.6
I35A	Creekview Farm baz=76	76.04 343	P	P	01 59 56.2 -0.2
J33A	Davis baz=76	76.08 341	P	P	01 59 56.5 -0.1
MURC	Murrieta baz=76,SNR=7.2	76.23 322	P	P	01 59 59.7 +1.9
LDFC	Landfair baz=76	76.28 324	eP	P	01 59 00.0 +1.9
K30A	Basset baz=77	76.29 339	P	P	01 59 58.6 +0.7
L28A	Connealy Angus baz=77	76.31 337	P	P	01 59 59.1 +1.0
GMRC	Granite Mounta baz=77,SNR=16	76.33 324	P	P	01 59 00.0 +1.6
ECSD	EROS Data Cent baz=77	76.36 341	P	P	01 59 58.3 +0.1
ECSD	EROS Data Cent comp=Z,36nm,0.8s	76.36 341	eP	P	01 59 58.4 +0.1
J32A	Parkston baz=77	76.39 340	P	P	01 59 58.2 -0.2
311A	Geddes baz=77	76.58 340	P	P	01 59 59.4 0.0
K29A	Lazy Trails An baz=77	76.59 338	P	P	02 00 00.3 +0.7
I33A	Coleman baz=77	76.71 341	P	P	02 00 00.3 +0.1
HEC	Hector,Ludlow baz=77,SNR=22	76.72 323	P	P	02 00 02.4 +1.8
H35A	Sunnydays Ranc baz=77	76.78 343	P	P	02 00 00.4 -0.2
J30A	Dallas baz=77	76.84 339	P	P	02 00 01.1 +0.1
I32A	Karley and Nic baz=77	76.88 341	P	P	02 00 01.2 0.0
K28A	Ten Mile Ranch baz=77	76.89 338	P	P	02 00 02.7 +1.4
N23A	Red Feather La baz=77	76.94 334	P	P	02 00 03.1 +1.2
BFSO	Mount Baldy Ra baz=77,SNR=9.2	76.97 322	P	P	02 00 03.6 +1.5
TUQ	Turquoise Moun baz=77,SNR=10.0	76.97 324	P	P	02 00 03.6 +1.6
H34A	Spellman Lake, baz=77	77.00 342	P	P	02 00 01.6 -0.2
G36A	St. Michael baz=77	77.02 344	P	P	02 00 01.8 0.0
PHWY	Pilot Hill comp=Z,11nm,0.7s	77.10 334	eP	P	02 00 03.6 +0.7
J29A	Okreek baz=78	77.17 339	P	P	02 00 03.4 +0.5
G35A	Watkins baz=78	77.18 343	P	P	02 00 02.6 -0.2
PASC	Pasadena Art C comp=Z,23nm,1.1s	77.20 322	eP	P	02 00 05.1 +1.9
O20A	White River Ci baz=78	77.21 332	P	P	02 00 04.7 +1.3
H33A	Prehn Over Nor baz=78	77.28 342	P	P	02 00 03.3 -0.1
H32A	Carlson Farm, baz=78	77.31 341	P	P	02 00 03.2 -0.3
GSC	Goldstone baz=78	77.33 323	eP	P	02 00 05.5 +1.5
GSC	Goldstone baz=78,SNR=9.1	77.33 323	eP	P	02 00 05.5 +1.5
SRU	San Rafael comp=Z,23nm,0.8s	77.33 330	eP	pmax	02 00 05.0 +1.0
SRU	San Rafael comp=Z,23nm,0.8s	77.33 330	eP	P	02 00 05.0 +1.0
I30A	Ocoima baz=78	77.35 340	P	P	02 00 03.8 -0.1
CCUT	Cedar City comp=Z,26nm,1.0s	77.37 327	eP	P	02 00 06.0 +1.6
SHRP	Sheep Ranch comp=Z,23nm,0.8s	77.42 325	eP	P	02 00 05.8 +1.2
MAW	Mawson comp=Z,6.7nm,0.5s,baz=215,slow=6.3,SNR=22	77.43 164	P	P	02 00 03.9 -0.1
MAW	Mawson comp=Z,13nm,1.0s,baz=216,slow=6.3,SNR=8.1	77.43 164	P	P	02 00 21.0 +0.4
MAW	Mawson comp=Z,39nm,20.9s,baz=245,slow=35	77.43 164	P	LR	02 33 33.0
J28A	Allard Ranch, baz=78	77.48 338	P	P	02 00 05.5 +0.9
G34A	Benson baz=78	77.50 343	P	P	02 00 04.1 -0.5
F36A	Milaca baz=78	77.55 344	P	P	02 00 04.1 -0.7
H31A	Wolsey baz=78	77.58 340	P	P	02 00 04.8 -0.3
J27A	Elkhorn Farm, baz=78	77.58 338	P	P	02 00 06.3 +1.1
MSU	Marysvalle comp=Z,18nm,0.9s	77.59 328	eP	pmax	02 00 06.7 +1.2
MSU	Marysvalle comp=Z,18nm,0.9s	77.59 328	eP	P	02 00 06.7 +1.2
EDWJ	Edwards Air Fo baz=78,SNR=11	77.63 322	P	P	02 00 06.9 +1.3
BLG	Laguna Peak baz=78	77.63 321	P	P	02 00 06.8 +1.2
P18A	Preston Nutter comp=Z,32nm,0.8s	77.64 330	eP	P	02 00 07.2 +1.3
SUSD	South Dakota S baz=78	77.69 340	P	P	02 00 05.5 -0.2
I29A	Vivian Onida baz=78	77.72 339	P	P	02 00 05.9 0.0
P17A	Butcher Ranch, comp=Z,42nm,1.2s	77.72 329	eP	P	02 00 07.7 +1.5
TMUT	Trail Mountain comp=Z,14nm,1.0s	77.73 329	eP	P	02 00 07.8 +1.1
BSC	Santa Cruz Isl baz=78	77.86 321	P	P	02 00 08.2 +1.3
LRMC	Laurel Mountai baz=78,SNR=7.6	77.92 323	P	P	02 00 08.7 +1.3
I28A	Midland baz=78	77.97 338	P	P	02 00 07.9 +0.6
J26A	Sides Ranch, S baz=78	78.00 337	P	P	02 00 08.7 +1.2
F33A	5 Mile Ranch, baz=79	78.22 342	P	P	02 00 08.2 -0.4

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H29A	Onida baz=79	78.24 339	P	P	02 00 08.6 -0.2
FURC	Furnace Creek, baz=79,SNR=14	78.25 324	P	P	02 00 10.7 +1.8
MPMC	Manzan Prospect baz=79,SNR=8.2	78.26 323	P	P	02 00 10.4 +1.1
TPNV	Topopah Spring baz=79	78.31 325	P	P	02 00 11.0 +1.5
J25A	Sunshine Ranch baz=79	78.32 336	P	P	02 00 10.5 +1.2
I27A	Quinn baz=79	78.32 338	P	P	02 00 10.3 +1.0
ISA	Isabella comp=Z,19nm,0.9s	78.48 322	eP	pmax	02 00 11.6 +1.2
ISA	Isabella baz=79,SNR=20	78.48 322	eP	P	02 00 12.0 +1.6
ISA	Isabella comp=Z,19nm,0.9s	78.48 322	eP	P	02 00 11.6 +1.2
DAC	Darwin (Calif) comp=Z,18nm,0.9s	78.48 323	P	pmax	02 00 11.3 +0.8
DAC	Darwin (Calif) comp=Z,18nm,0.9s	78.48 323	P	P	02 00 11.3 +0.8
D37A	Cotton baz=79	78.53 345	P	P	02 00 10.1 -0.1
H28A	Mission Ridge baz=79	78.53 339	P	P	02 00 10.7 +0.3
I26A	New Underwood baz=79	78.56 337	P	P	02 00 11.4 +0.8
PKM	Peak Mountain baz=79,SNR=13	78.63 321	P	P	02 00 13.0 +1.6
G29A	Hoven baz=79	78.66 340	P	P	02 00 11.1 0.0
O16A	Springville comp=Z,22nm,0.9s	78.66 330	eP	P	02 00 06.3 -5.1
K22A	Casper baz=79	78.67 334	P	P	02 00 12.4 +1.0
C39A	Grand Marais baz=79	78.68 347	P	P	02 00 10.6 -0.5
NLU	North Lily Min comp=Z,17nm,1.2s	78.71 329	eP	P	02 00 12.8 +1.1
E33A	Westby DABS, E baz=79	78.77 343	P	P	02 00 11.0 -0.6
F31A	Hecla baz=79	78.78 341	P	P	02 00 11.5 -0.2
C38A	Sawbill Land. baz=79	78.81 346	P	P	02 00 11.3 -0.5
D35A	Remer baz=79	78.82 344	P	P	02 00 11.9 0.0
H27A	Hoves baz=79	78.83 338	P	P	02 00 12.3 +0.3
I25A	Rochford baz=79	78.84 337	P	P	02 00 13.4 +1.0
G28A	Parke baz=79	78.86 339	P	P	02 00 12.5 +0.3
CWC	Cottonwood Cre baz=79	78.86 323	P	P	02 00 14.2 +1.6
GRAC	Grapevine Rang baz=79,SNR=7.5	78.92 324	P	P	02 00 14.2 +1.4
YES	Vestal, Richgr baz=79,SNR=10	78.94 322	P	P	02 00 14.1 +1.3
F30A	Leola baz=79	78.98 341	P	P	02 00 12.9 +0.2
RSSD	Black Hills comp=Z,10.0nm,0.9s	79.04 337	eP	pmax	02 00 13.8 +0.4
RSSD	Black Hills comp=Z,7.7nm,0.9s	79.04 321	P	P	02 00 15.2 +1.8
SMCC	Simmler baz=79,SNR=8.4	79.05 338	P	P	02 00 14.2 +0.9
H26A	Fairpoint baz=79	79.05 338	P	P	02 00 14.2 +0.9
R11A	Troy Canyon, C baz=79	79.07 326	P	P	02 00 15.1 +1.4
CTU	Camp Tracy comp=Z,6.5nm,0.8s	79.17 330	eP	P	02 00 15.1 +1.0
F29A	Eureka baz=80	79.21 340	P	P	02 00 14.3 +0.3
DUG	Dugway comp=Z,13nm,0.9s	79.24 329	eP	pmax	02 00 14.8 +0.3
DUG	Dugway comp=Z,13nm,0.9s	79.24 329	eP	P	02 00 15.6 +1.1
DUG	Dugway comp=Z,13nm,0.9s	79.24 329	eP	P	02 00 14.8 +0.3
D33A	Antam, Waubun baz=80	79.32 343	P	P	02 00 14.8 +0.3
E31A	Nome baz=80	79.32 342	P	P	02 00 14.3 -0.3
H25A	Fruitdale baz=80	79.33 337	P	P	02 00 15.2 +0.4
TCUT	Toone Canyon comp=Z,17nm,0.7s	79.36 330	eP	P	02 00 15.9 +0.6
RCTC	Reactor, Farmer baz=80	79.38 322	P	P	02 00 16.6 +1.4
C35A	Jirik Farms, M baz=80	79.39 345	P	P	02 00 14.5 -0.4
TIN	Tinemaha baz=80	79.41 323	P	P	02 00 17.4 +1.9
G27A	Dupree baz=80	79.45 339	P	P	02 00 15.7 +0.3
F28A	McLaughlin baz=80	79.52 339	P	P	02 00 16.2 +0.4
E30A	Jud baz=80	79.55 341	P	P	02 00 16.1 +0.2
D32A	Dogwood Acres, baz=80	79.61 342	P	P	02 00 16.0 -0.1
D31A	McClifflin, Tow baz=80	79.72 342	P	P	02 00 16.8 +0.1
G25A	Newell baz=80	79.77 338	P	P	02 00 17.7 +0.5
E29A	Napoleon baz=80	79.82 341	P	P	02 00 17.5 +0.1
HWUT	Hardware Ranch comp=Z,28nm,0.8s	79.83 330	eP	P	02 00 18.0 +0.2
TSUM	Tsumeb baz=80	79.86 106	eP	P	02 00 19.1 +0.6
C33A	Trail baz=80	79.87 343	P	P	02 00 17.2 -0.4
F27A	Lemmon baz=80	79.92 339	P	P	02 00 18.0 +0.1
SPW0	Boulder Array comp=Z,13nm,1.4s	79.95 332	eP	P	02 00 18.7 +0.3
BTUT	South Promonto comp=Z,22nm,0.8s	79.97 330	eP	P	02 00 19.1 +0.6
D30A	Buchanan baz=80	80.06 341	P	P	02 00 19.0 +0.3
F26A	Lodgepole baz=80	80.11 338	P	P	02 00 19.4 +0.4
E28A	Huff baz=80	80.14 340	P	P	02 00 19.4 +0.3
D29A	Pettibone, Tap baz=81	80.25 341	P	P	02 00 19.9 +0.3
E27A	Carson baz=81	80.27 339	P	P	02 00 20.2 +0.4
B34A	Aery, Baudette baz=81	80.28 344	P	P	02 00 19.5 -0.3
AGMN	Agassiz Nation baz=81	80.40 344	P	P	02 00 20.1 -0.2
AGMN	Agassiz Nation comp=Z,16nm,0.8s				

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Az2, Phase ID, Time, Res, Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like Alice Springs, Warramunga Arr, Karatay Array, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like XAN, CD2, WRA, ASAR, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like DRO, DRO, DRO, DRO, etc.

28d 3h

Table with columns: BRTR, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like Keskin Array B, Keskin Array A, Tahtakopru-Hat, etc.

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Table with columns: SONM, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like Schefferville, Inuvik, Villa Florida, etc.

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Table with columns: MPSI, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Rows include stations like Mapaga, Sandakan, Honiara, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like Trail Mountain, Boulder Array, Butcher Ranch, San Rafael, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like Villacollemand, Dublin, Bardonecchia, Saint Sauveur, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like Mitsune, Hachiojimakas, Hachiojijima, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like COEN, ASAR, WRKA, MKAR.

BJI 28 04:39:04.3, 21.70N, 144.54E, h170km, mb4.5/23, mB4.7/15
ISCJB 28 04:39:11.8, 0.8, 22.22'26"N, 0.04, 143.49E, 0.06, h151km, 7km, mb4.4/46, Error ellipse: s-maj=9.4km

Main table for station 1317, listing various stations (JHHJ, CBIJ, GUMO, etc.) with their respective coordinates and parameters.

Main table for station 2001 SEP, listing various stations (WRAB, WRA, WRA, FITZ, etc.) with their respective coordinates and parameters.

Table for station 28d 4h, listing stations like NOA, BRTR, BRTR, STHS, etc.

CASC 28 04:42:45.2, 3.6, 11.68N, 82.58W, h7km, 20km, MD4.2, 2D, North of Panama

Table for station CASC, listing stations like BUEN, BUS, CGAZ, etc.

NEIC 28 04:44:59.3, 43.43S, 172.14E, h8km, ML4.0 (WEL), After WEL

NEIC Fall in Canterbury, WEL 28 04:44:59.4, 0.1, 43.43S, 172.11E, h7km, ML4.0/25, 2C-3D, Error ellipse: s-maj=0.6km s-min=0.4km az=90.0, South Island

Main table for station NEIC, listing various stations (OXZ, OXF, CRLZ, etc.) with their respective coordinates and parameters.

Table with columns: Station Name, Az, Phase ID, Time, Res. Includes stations like DUVWZ, TUZ, CAW, etc.

CSEM 28 05:03:07.9.0.7, 34.22N, 25.18E, h5km, ML2.4, Error ellipse: s-maj=12.9km s-min=7.9km az=4.0

ATH 28 05:03:07.7.3.16N, 25.07E, h2km, 2km, MD3.4/8 THE 28 05:03:13.8.34.50N, 25.08E, h0km, 1km, ML2.4, Error ellipse: s-maj=2.8km s-min=1.1km az=186.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SIVA, LAST, ANOYIA, etc.

ISK 28 05:03:14.0.38.59N, 25.28E, h8km, MD3.0 CSEM 28 05:03:15.6.0.3, 38.62N, 25.43E, h10km, MD3.0, Error ellipse: s-maj=6.3km s-min=5.1km az=105.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CHOS, SIGR, PARASKEVI, etc.

Table with columns: Station Name, Az, Phase ID, Time, Res. Includes stations like APE, GADA, SERI, etc.

DJA 28 05:06:29.3.1.4, 13.1N, 11.12E, 1.1h, h10km, M4.4/11, mb4.6/11, mb5.0/8, Mw(mb)4.3/8

MAN 28 05:06:24.13.07N, 124.58E, h9km, mb5.1, ML4.0, MS4.1 ISCBJ 28 05:06:25.5.0.9, 13.01N, 02.124.65E, 0.04, h15km, 7km, mb4.4/23, MS4.2/36, Error ellipse: s-maj=7.3km s-min=3.8km az=170.0

ISC 28 05:06:25.8.1.4, 13.02N, 0.003, 124.67E, 0.05, h3km, 8km, n102, c196/72, mb4.5/23, MS4.1/36, 7-6D, Luzon

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CNP, PVCP, MPMH, etc.

ISK 28 05:03:17.2.38.66N, 25.63E, h6km, MD2.8 ISCBJ 28 05:03:16.0.1, 2.3861N, 0.03, 25.46E, 0.03, h16km, 10km, n39, c075/59, Aegean Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GYA, MAMRI, TWISI, etc.

Large table with columns: Station Name, Az, Phase ID, Time, Res. Includes stations like XAN, CMAI, LEJ, etc.

comp=Z,138nm,21.3s,baz=80,slow=36

NEIC 28 05:10:21.6, 6.51:09N:178:50W, h26km, ML3.6(AEIC), After AEIC

ISCJB 28 05:10:23.6, 0.9, 51:3N, 0.1:178:53W, 0.06, h55km, 5km, mb3.7/12, Error ellipse: s-maj=20.5km s-min=4.9km

az=170.5

IDC 28 05:10:25.1, 6.6, 51:35N:178:48W, h57km, 58km, mb3.6/10, mb1.3/8/11, mb1mx3.5/2, mbtmp3.9/11, ML4.2/1, Error ellipse: s-maj=32.3km s-min=21.2km az=169.0

ISC 28 05:10:23.5, 1.6, 51:2N, 0.1:178:52W, 0.04, h44km, 13km, n48, e0598/47, mb3.8/12, Andronof Islands

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

IDC 28 05:20:22.6, 10.0, 21:82S:176:13W, h0km, mb3.6/2, mb1 4.0/2, mb1mx3.5/30, mbtmp3.6/2, Error ellipse: s-maj=471.0km s-min=46.9km az=148.0, Fiji Islands region

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

ISCJB 28 05:21:05.9, 0.6, 18:14N, 0.09:145:16E, 0.2, h300km, mb3.8/13, Error ellipse: s-maj=22.5km s-min=11.9km az=9.8

IDC 28 05:21:06.5, 4.1, 18:21N:145:16E, h289km, 85km, mb3.6/13, mb1 3.9/11, mb1mx3.5/41, mbtmp4.2/13, Error ellipse: s-maj=23.1km s-min=13.5km az=79.0

ISC 28 05:21:07.0, 0.7, 18:03N, 0.10:145:16E, 0.2, h300km, n22, c1545/16, mb3.9/13, Mariana Islands

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

Table with columns: Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Lists stations like FINES, TORD, LPAZ.

LJU 28 05:23:03.3, 46:04N:14:17E, h7km, ML0.0, 1C-2D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Lists stations in the Northwestern Balkan Peninsula region.

THE 28 05:26:58.9, 38:83N:23:52E, h4km, 5km, ML2.0/7, Error ellipse: s-maj=5.9km s-min=0.4km az=177.0

CSEM 28 05:26:58.5, 0.1, 38:83N:23:54E, h5km, MD2.9, Error ellipse: s-maj=3.1km s-min=2.2km az=96.0

ATH 28 05:26:58.6, 0.9, 38:84N:23:54E, h4km, MD2.9/16

ISC 28 05:26:58.6, 0.9, 38:83N:0.02:23:53E, 0.02, h9km, 6km, n43, e0577/81, Greece

Large table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Lists numerous seismic stations across various regions.

BYKL 28 05:47:44.7, 0.3, 53:31N:108:47E, MOS 28 05:47:44.7, 1.7, 53:30N:108:50E, h1km, mb4.4/1, Error ellipse: s-maj=24.2km s-min=12.7km az=141.0

ISC 28 05:47:44.6, 0.7, 53:26N:0.02:108:57E, 0.02, h10km, n34, c1869/75, 8C-8D, Lake Baykal region

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

Large table with columns: Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, ISC. Lists numerous seismic stations across various regions.

28d 7h

Table with columns: MOY, eSg, Sb, 05 50 13.8 +4.4, etc. Includes stations like Orlik, Tupik, and various time and phase data.

IGQ 28 05:53:20.0, 9.1, 665.81, 85W, h5km, 56km, Mb4.3, 2C-2D, Error ellipse: s-maj=6.7km s-min=4.5km az=10.0, Off coast of Ecuador

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Lists stations like ISPT, CHIS, JAMA, MAGI, etc.

MAN 28 06:26:16.13, 12N, 124.86E, h10km, mb4.9, ML3.9, MS3.9, IDC 28 06:26:17.2, 0.9, 13.03N, 124.96E, h0km, mb4.1/9, mb1.4/2.10, mb1mx3.9/4.1, mbtmp4.1/10, ML3.9/1, MS3.5/9, Ms1.3/5.9, ms1mx3.2/2.5, Error ellipse: s-maj=30.1km s-min=16.1km az=74.0

ISCJB 28 06:26:21.2, 0.5, 13.03N, 124.04, 124.72E, 0.06, h41km, mb4.1/11, MS3.5/8, Error ellipse: s-maj=8.8km s-min=5.3km az=160.1

NEIC 28 06:26:22.3, 0.7, 13.06N, 124.92E, h35km, mb4.3/2, Error ellipse: s-maj=22.6km s-min=11.0km az=73.0

ISC 28 06:26:23.0, 0.8, 13.00N, 124.92E, 0.08, h41km, n40, +192.23, mb4.3/11, MS3.6/6, 3C-4D, Samar

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Lists stations like CNP, PVP, PLP, OCLP, AQP, etc.

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Table with columns: KURK Kurchatov, 52.95 325 P, P, 06 35 36.0 +0.4, etc. Includes stations like KURKB, GEYT, ALBECK, etc.

IDC 28 06:29:58.4, 0.6, 4.10N, 126.47E, h0km, mb4.0/14, mb1.4/1.15, mb1mx4.0/4.6, mbtmp4.1/15, ML4.4/1, Error ellipse: s-maj=37.3km s-min=13.6km az=73.0

ISCJB 28 06:30:02.7, 0.4, 4.15N, 126.05, 126.65E, 0.06, h45km, mb4.1/17, Error ellipse: s-maj=8.5km s-min=6.7km az=154.0

NEIC 28 06:30:03.9, 1.3, 4.07N, 126.41E, h38km, 12km, mb4.2/2, Error ellipse: s-maj=15.1km s-min=7.8km az=71.0

DJA 28 06:30:09.2, 0.6, 3.15N, 121.66E, h10km, M4.5/5, mb4.6/2, ML4.5/5

ISC 28 06:30:04.7, 0.5, 4.12N, 126.57E, 0.08, h45km, n34, +087/31, mb4.2/17, 1D, Talaud Islands

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

JMA 28 06:46:39.9, 0.1, 24.39N, 122.63E, h93km, 2km, M2.2, ISCJB 28 06:46:40.6, 0.6, 24.7N, 122.65E, 0.02, h84km, 6km, Error ellipse: s-maj=6.5km s-min=3.0km az=176.7

TAP 28 06:46:40.8, 2.4, 48N, 122.64E, h80km, 1km, ML3.3, D, ISC 28 06:46:40.8, 1.5, 24.46N, 122.65E, 0.03, h85km, 10km, n35, +065/66, 1D, Taiwan region

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

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Table with columns: WHF, baz=255, eS, Sn, 06 47 21.1 -0.7, etc. Includes stations like TWT, JJI, JST, etc.

MAN 28 06:48:48.13, 10N, 124.85E, h3km, mb4.8, ML3.7, MS3.8, ISCJB 28 06:48:49.1, 0.8, 13.03N, 124.78E, 0.07, h10km, mb3.7/5, Error ellipse: s-maj=10.8km s-min=6.3km

IDC 28 06:48:49.0, 1.6, 12.90N, 124.72E, h0km, mb3.7/5, mb1.3/8.5, mb1mx3.6/3.4, mbtmp3.7/5, MS2.9/1, Ms1.2/9.1, ms1mx2.3/3.3, Error ellipse: s-maj=175.3km s-min=19.5km az=69.0

ISC 28 06:48:49.9, 1.2, 13.00N, 124.72E, 0.10, h10km, n19, +132/14, mb3.6/5, 3C-1D, Samar

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

DDA 28 06:55:23.5, 37.20N, 28.23E, h7km, MD2.8, ISK 28 06:55:23.1, 37.26N, 28.22E, h2km, MD2.6, ISCJB 28 06:55:24.0, 5.3, 37.23N, 28.22E, 0.04, h0km, Error ellipse: s-maj=5.1km s-min=4.2km az=44.1

CSEM 28 06:55:24.3, 0.2, 37.23N, 28.22E, h1km, MD2.6, Error ellipse: s-maj=5.4km s-min=3.6km az=49.0, Mining explosion.

ISC 28 06:55:23.1, 0.9, 37.23N, 28.21E, 0.03, h0km, n18, +0955/23, Turkey

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

ISCJB 28 07:30:04.0, 0.8, 5.85S, 0.1, 150.9E, 0.1, h43km, mb3.8/8, MS3.0/1, Error ellipse: s-maj=20.4km s-min=15.2km az=31.8

IDC 28 07:30:06.7, 2.8, 5.87S, 150.98E, h47km, 25km, mb3.6/8, mb1.3/9.9, mb1mx3.7/3.2, mbtmp3.9/9, ML2.3/1, MS3.0/2, Ms1.3/0.2, ms1mx2.7/2.8, Error ellipse: s-maj=26.2km s-min=21.5km az=98.0

ISC 28 07:30:06.0, 0.9, 5.95S, 0.1, 151.0E, 0.2, h43km, n14, +132/14, mb3.9/8, New Britain region

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

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like KIF Kilpisjärvi, HFS Hagfors, etc.

IDC 28 09:28:59.3, 1.0, 28.94N, 59.93E, h0km, mb3.9/15, mb1.4/16, mb1mx3.9/50, mbtmp3.9/16, ML3.6/1, MS3.5/16, Ms1.3/5.16, ms1mx3.4/42, Error ellipse: s-maj=24.5km

ISCJB 28 09:29:00.5, 0.3, 29.09N, 0.04, 60.00E, 0.03, h10km, mb4.0/17, MS3.5/14, Error ellipse: s-maj=5.5km

THR 28 09:29:01.8, 0.5, 29.10N, 60.10E, h38km, km, ML4.3, CSEM 28 09:29:01.2, 0.2, 29.12N, 60.01E, h5km, ML4.3, Error ellipse: s-maj=5.7km s-min=3.4km az=138.0

TEH 28 09:29:03.0, 29.11N, 60.10E, h20km, ML4.3, NEIC 28 09:29:03.0, 29.11N, 60.10E, h20km, mb4.0/5, ML4.3(THR), MN4.3(TEH), After TEH

DSN 28 09:29:10.7, 0.1, 28.99N, 58.93E, h10km, mb3.4/6, ML4.4/5, Error ellipse: s-maj=11.5km s-min=4.7km az=31.0

ISC 28 09:29:14.0, 0.6, 29.14N, 0.05, 59.97E, 0.04, h10km, n107, s1906/110, mb4.0/17, MS3.6/15, SC-1D, Southern Iran

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like ZHFS Zahedan, CHMN Cheshme madani, TVBK TV Kerman, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like KKN Kakani, PKIN Phulochi, GUN Gumba, etc.

GUC 28 09:31:15.4, 0.5, 20.24S, 70.13W, h67km, 52km, ML3.7, IC-2D, Near coast of northern Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like PB01 IPOC Station P, MNNC Minimimi, etc.

IDC 28 09:37:42.8, 0.8, 65.16S, 178.77E, h0km, mb4.3/8, mb1.4/9, mb1mx4.3/20, mbtmp4.3/9, ML3.7/1, MS4.6/15, Ms1.4/6.15, ms1mx4.5/18, Error ellipse: s-maj=34.5km

ISCJB 28 09:37:43.5, 0.6, 65.21S, 0.06, 178.8E, 0.4, h10km, mb4.7/15, MS4.6/14, Error ellipse: s-maj=23.2km

NEIC 28 09:37:45.1, 0.6, 65.25S, 178.73E, h10km, mb5.1/11, Error ellipse: s-maj=22.8km s-min=8.6km az=84.0

GCMT 28 09:37:45.1, 0.1, 65.03S, 179.16E, h12km, MW5.3/98, Moment Tensor Solution, s76.c112: s98.c164; Duration: 1s1 Moment tensor: Scale 1017Nm;

Mn-0.20±.02; Mn0.1, 1.4±.02; Mn0.0, 0.9±.02; Mn0.0, 0.53±.04; Mn0.0, 18±.02; Mn0.0, 24±.04; Best double couple: Mo1.177000x10^17 NP1.319.000000, s88.000000, 125.000000; NP2.s228.000000, s65.000000, 177.000000;

Principal axes: T1.3480, Plg20.0000; Azm187.0000; N-0.3400, Plg4.0000; Azm325.0000; P-1.0060, Plg16.0000; Azm91.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

AWI 28 09:37:46.8, 0.6, 65.34S, 178.29E, BUJ 28 09:37:46.8, 0.6, 65.30S, 178.30E, h10km, mb5.2/1, mb5.5/6, Ms5.1/6, Ms7.4/7

ISC 28 09:37:44.8, 0.5, 65.15S, 0.06, 179.7E, 0.1, h10km, n71, s1996/60, mb4.6/15, MS4.6/14, 1C, Balleny Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like SBA Scott Base, VNSA Vanda, VNSD Vanda, etc.

Main station list table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like QSPA South Pole Qui, BKZ Black Stump Fm, URZ Ureua, etc.

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KSH, IL1, ILAR, ABKAR, etc.

MAN 28 09:48:48, 13:10N, 124:85E, h4km, mb4.8, ML3.7, MS3.8, Luzon

ISCJCB 28 09:57:46.4-0.5, 24:68N-0:03-121:93E-0:02, h78km, 4km, Error ellipse: s-maj=5.5km s-min=2.8km az=158.5

JMA 28 09:57:46.2-0.2, 24:58N-121:90E, h76km, 3km, M2.8

TAP 28 09:57:46.1, 24:72N-121:89E, h82km, 1km, ML3.5, C

ISC 28 09:57:46.9-1.4, 24:68N-0:04-121:93E-0:03, h77km, 7km, n47, c095/88, 2C-1D, Taiwan

Main table of station data for the 1323 event, listing station names, coordinates, and seismic parameters.

Table of station data for the 2010 SEP event, including stations like JKRS, CHN1, CHN11, etc.

CASC 28 10:03:52.2-2.6, 9:06N-83:73W, h35km, 7km, MD3.8, 1C-1D, Costa Rica

Table of station data for the CASC event, listing stations like BUS, ACR, CTRC, etc.

CSEM 28 10:40:04.0-4.0, 37:71N-43:69E, h10km, MD2.6, Error ellipse: s-maj=22.7km s-min=5.1km az=71.0

DDA 28 10:40:05.2, 37:71N-43:62E, h7km, MD2.6

ISC 28 10:40:04.1-2.0, 37:76N-0:04-43:8E-0:02, h9km, 10km, n11, c056/19, Turkey

Table of station data for the CSEM event, listing stations like HKR, HAKKARI, etc.

ISCJCB 28 10:49:18.5-0.5, 23:89N-0:03-122:68E-0:02, h15km, 6km, Error ellipse: s-maj=5.7km s-min=2.6km az=163.9

TAP 28 10:49:20.0, 23:92N-122:45E, h4km, 2km, M2.9, D

JMA 28 10:49:19.5-0.1, 24:01N-122:64E, h38km, 4km, M2.3

ISC 28 10:49:18.1-0.9, 23:87N-0:04-122:67E-0:02, h22km, 9km, n31, c062/57, Taiwan region

Main table of station data for the 2010 SEP event, listing station names, coordinates, and seismic parameters.

Table of station data for the 28d 11h event, including stations like SMLT, TYC, JISG, etc.

DJA 28 10:54:43.7-1.7, 6'S-14'x10'2E, h10km, M4.0/3, ML4.0/3, Southwest of Sumatra

Table of station data for the DJA event, listing stations like MNAI, LWLI, KASI, etc.

JMA 28 11:01:59.8-0.1, 35:66N-140:04E, h67km, 2km, M2.6, Near east coast of eastern Honshu

Table of station data for the JMA event, listing stations like JCN, JOD2, JOD2, etc.

CSEM 28 11:29:39.8-0.1, 45:95N-1:41W, h2km, ML4.5/31, Error ellipse: s-maj=2.1km s-min=1.8km az=104.0

IDC 28 11:29:37.5-2.0, 46:07N-1:91W, h0km, mb3.8/3, mb1 3.9/8, mb1mx3.5/1, mbtmp3.7/8, ML4.0/5, MS3.3/1, Ms1 3.3/1, ms1mx2.3/4.5, Error ellipse: s-maj=31.2km s-min=27.0km az=107.0

LDG 28 11:29:39.8-0.1, 45:95N-1:42W, h2km, Md3.9/6, ML4.5/50, Error ellipse: s-maj=1.3km s-min=1.1km az=103.0

NEIC 28 11:29:39.8, 45:95N-1:42W, h2km, mb4.2/1, ML4.3(BGS), ML4.5(LDG), After LDG.

NEIC Felt at Lagard, on Ile d'Oleron and Ile de Re and as far as Choleat

BGS 28 11:29:39.5-1.3, 45:92N-1:42W, h5km, ML4.3

INMG 28 11:29:41.8-2.1, 45:95N-1:59W, h10km, ML3.0, Error ellipse: s-maj=17.2km s-min=11.1km az=119.0

STR 28 11:29:41.5-0.2, 45:79N-1:27W, h2km, ML4.0, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0

UCC 28 11:29:41.8-2.9, 46:43N-1:40W, h0km, ML3.3

ISC 28 11:29:38.4-1.0, 45:95N-0:01-1:41W-0:02, h9km, 7km, n373, c1974/610, mb4.0/5, 9C-2D, France

Main table of station data for the 28d 11h event, listing station names, coordinates, and seismic parameters.

28d 11h

Table with columns for club name, date, time, and performance metrics. Includes clubs like GORRON, TOULX STE CROIX, CALVIAC, OSSES, ROSTRENE, VERMEUGHEOL, ORDIARP, ELIZONDO, LDF, STE JEAN, FOURSOLS, FLN, ALETTE, HUMBIGNY, LABASSERE, PUY MANS, ETSAUT, SAINT AGOULIN.

2010 SEP

Table with columns for club name, date, time, and performance metrics. Includes clubs like ESPARROS, VIEY, JERSEY, SAINT AUBIN, SAINT SAULGE, MONTILIEU, LORMES, SALAU, LORMES, SAINT SAUVEUR, VALCEBOLLERE, SAINT JULIEN I.

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Table with columns for club name, date, time, and performance metrics. Includes clubs like SAINT JULIEN I, SAINT JULIEN II, FILLOS, FONTMARTINA, HERSTMONCEUX, MAIZIERES J VI, MAIZIERES J VI, LA CHAPELLE, SIMIANE LA ROT, SIMIANE LA ROT, EXMOOR, WOLVERTON, HARTLAND, FORT DE PAGNY, SWINDON, BAIF, HAU.

28d 12h

2010 SEP

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KRSC 28 11:57:59.0±0.2, 0.54°SN, 163°68'E, h66km±20km, ML3.7, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like MYK, MKZ, KBTR, etc.

NNC 28 12:05:33.5±5.5, 36.77°N, 69.87°E, h0km, mb3.5, mpv3.1, 4C-5Z, Error ellipse: s-maj=44.5km s-min=27.7km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like DZET, SFK, SFK, etc.

ISCJB 28 12:07:09.2±0.5, 17.13S±0.08, 175.06W±0.09, h256km, mb4.3/22, Error ellipse: s-maj=14.4km s-min=7.3km

ISC 28 12:07:10.1±1.7, 17.20S±1.75, 175.00W±1.66km, mb4.0/16, mb1.4, 1/18, mb1mx3.9/1, mbtmp4/18, Error ellipse: s-maj=15.4km s-min=11.9km az=133.0

NEIC 28 12:07:11.9±1.1, 17.17S±1.74, 174.99W±1.72km, mb4.4/7, Error ellipse: s-maj=15.5km s-min=10.1km az=146.0

AUST 28 12:07:13.6±1.6, 16.73S±1.74, 174.92W±1.60km, Error ellipse: s-maj=15.5km s-min=10.1km az=146.0

ISC 28 12:07:10.5±0.5, 17.16S±0.09, 174.97W±0.09, h256km, n72, e1508/76, mb4.3/22, 3C-2D, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like AFI, MSVF, DZM, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like MJAR, GSPA, PETK, etc.

ISCJB 28 12:23:05.4±2.4, 38.73°N±0.05, 39.4E±0.1, h27km±15km, Error ellipse: s-maj=17.6km s-min=7.8km az=178.3

CSEM 28 12:23:06.0±0.3, 38.74°N±0.39, 39.28E±1.0km, MD2.6, Error ellipse: s-maj=8.3km s-min=5.1km az=83.3

DDA 28 12:23:06.2±0.3, 38.78°N±0.32E, h74km, MD2.6, Error ellipse: s-maj=8.3km s-min=5.1km az=83.3

DDA 28 12:23:06.1±1.2, 38.73°N±0.03, 39.34E±0.06, h19km±2km, n8, e045/15, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like PTK, SVRC, etc.

NIED 28 12:31:00.25±70N, 126.40E, h20km, Mw4.5 Best double couple: M6.50000±0.015 NP1±0.337, 0.00000±0.339, 0.00000±0.7, -93.00000±0. NP2±0.160, 0.00000±0.851, 0.00000±0.7

BUI 28 12:31:09.2±0.2, 25.34N±1.26, 94E, h10km, mb4.5/39, mb4.6/37, Mb4.1/2, Ms4.3/53, Ms7.4/248

SZGRF 28 12:31:09.7, 24.28N±1.26, 87E, h33km, mb5.3, MS4.3, Ryukyu Islands, Japan

ISC 28 12:31:13.8±0.6, 25.74N±1.26, 94E, h0km, mb4.5/19, mb1.4/6/21, mb1mx4.6/27, mbtmp4/4/21, ML2.8/1, MS3.7/19, Ms1.3/7/19, ms1mx3.5/40, Error ellipse: s-maj=18.6km s-min=14.9km az=73.0

ISCJB 28 12:31:16.7±0.6, 25.78N±0.03, 126.36E±0.03, h23km±4km, mb4.8/104, MS3.8/20, Error ellipse: s-maj=5.6km s-min=2.2km az=143.2

MOS 28 12:31:17.9±1.3, 25.75N±1.26, 94E, h34km, mb4.8/47, Error ellipse: s-maj=8.7km s-min=5.3km az=109.0

JMA 28 12:31:17.2±0.1, 25.73N±1.26, 94E, h28km, M4.9, JMA Fell II, J1

NEIC 28 12:31:17.2±0.1, 25.73N±1.26, 94E, h39km±5km, mb5.0/48, MW4.5(NIED), Error ellipse: s-maj=7.1km s-min=4.9km az=139.0

NEIC Fell [II] at Chatan, Okinawa and Yomitan, Okinawa. Also felt at Ishikawa, Itoman and Naha. Recorded [2 JMA] in the Kerama-retto and on Kume-jima; [1 JMA] on Miyako-jima, Okinawa and Tonaki-jima.

ISC 28 12:31:17.1±0.5, 25.71N±0.04, 126.44E±0.03, h18km±1km, h18km±1km, n325, e150/359, mb4.8/107, MS3.8/21, 19C-17D, Ryukyu Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like JKE, JAGN, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like HATJ, YJK, etc.

JHU 14.3jo Hachijo jima 2 13.77 54 LR LR 12 39 15.9

MAJO Matsuhiro 14.76 40 P pmax 12 34 45.1 +0.3

MAT Matsuhiro 14.76 40 P p 12 34 50.7 -0.1

MJAR Matsuhiro Arr 14.76 40 Pn P 12 34 51.7 +0.7

MJAR Matsuhiro Arr 14.76 40 Pn P 12 34 51.7 +0.7

SNY Shenyang 16.25 352 P S 12 35 16.0 +8.7

SNY Shenyang 16.25 352 P S 12 38 21.0 +4.3

SNY Shenyang 16.25 352 P S 12 38 21.0 +4.3

SNY Shenyang 16.25 352 P S 12 38 21.0 +4.3

SNY Shenyang 16.25 352 P S 12 38 21.0 +4.3

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SNY Shenyang 16.25 352 P S 12 38 21.0 +4.3

SNY Shenyang 16.25 352 P S 12 38 21.0 +4.3

28d 13h

Table with columns: Station Name, Time, Res, Phase ID, ISC, h, m, s, ISC. Includes stations like KSP, KRLC, KRC, etc.

2010 SEP

Table with columns: Station Name, Time, Res, Phase ID, ISC, h, m, s, ISC. Includes stations like LKWY, H17A, H17A, etc.

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Table with columns: Station Name, Time, Res, Phase ID, ISC, h, m, s, ISC. Includes stations like YKA, H1N3, H1N2, etc.

IDC 28 14:04:32.51.9.11.133S:118.30E, h0km, mb3.4/1, mb1 3.8/6, mb1mx3.6/27, mbtmp3.7/6, ML3.7/5, Error ellipse: s-maj=51.4km s-min=22.7km az=51.0

ISCJB 28 14:04:35.9.0.4.11.27S:0.074:118.35E:0.05, h33km, mb3.5/1, Error ellipse: s-maj=7.3km s-min=4.9km az=138.3

AUST 28 14:04:37.0.10.99S:118.44E, h35km, DJA 28 14:04:37.1.2.4.11.5.5x11.8E, h32km, 30km, M4.2/13, mb4.3/7, mb5.0/2, MLV4.1/6, MLV4.2/13, Mw(m)h3.4/3.2

ISC 28 14:04:37.9.0.4.11.27S:0.074:118.32E:0.08, h33km, n27, r19.026, South of Sumbawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BANI Baing, Sumba, BANI Taliwang, Sumb, TWSI Taliwang, Sumb, IGBI Denpasar, 2.89 308 P, JAGI Jajag, Banyuw, 4.96 304 P, BATI Baumata, 5.36 79 P, BATI Baumata, 5.36 79 Pn, BSSI Bau Bau, Buton, 5.53 23 P, SOEI Soe, 6.04 76 P, SOEI Soe, 6.04 76 P, BAKSI Bulukumba, 6.17 17 P, KAPI Kappang, 6.38 13 P, SPSI Sidrap Palu, 7.40 11 P, PCJI Pacitan, 7.67 29 P, FITZ Fitzroy Crossi, 9.81 193 P, FITZ Fitzroy Crossi, 9.81 193 Pn, KNRA Kununurra, 11.06 114 P, GIRL Giralla, 11.96 199 P, MEEK Meekatharra, 15.29 179 P, WRKA Warakuma, 16.64 147 P, WRA Warramunga Arr, 17.66 121 P, MORW Morawa, 17.84 187 P, ASAR Alice Springs, 19.29 132 P, ASAR Alice Springs, 19.29 132 Pn, BLBU Ballidu, 19.31 184 P, KLDU Kellerberrin, 20.23 181 P, NWAO Narrogin (SRO), 21.58 182 P, MKAR Makonchi Array, 66.17 334 P

NSSP 28 14:15:19.6.40.52N:42.95E, h7km, Ms2.7, TIF 28 14:15:22.3.40.50N:43.04E, h8km, 3km, CSEM 28 14:15:23.1.0.2.40.53N:43.01E, h2km, MD2.6, Error ellipse: s-maj=4.0km s-min=3.4km az=140.0

ISC 28 14:15:23.2.40.55N:43.03E, h6km, MD2.6, DDA 28 14:15:23.1.40.51N:43.02E, h7km, MD3.0, ISC 28 14:15:23.4.0.9.45N:0.02:43.04E:0.02, h10km, 7km, n34, r0.95/54.2D, Turkey-Georgia-Armenia border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KARS Kars, 0.10 17 PG, DIGO Kars, 0.28 116 P, DIGO Kars, 0.28 116 P, EAK Akyaka, 0.46 71 P, EAK Akyaka, 0.46 71 P, EATA Eleskirt, 0.80 212 P, EATA Eleskirt, 0.80 212 P, AKH Akhalkalaki, 0.94 21 P, AKH Akhalkalaki, 0.94 21 P, AKH Akhalkalaki, 0.94 21 P, AGRB Hanur-Agry, 0.96 182 eP, AGRB Hanur-Agry, 0.96 182 eP, HOMI Horasan, 1.00 241 P, DAGI Agililar, 1.01 303 P, DEMIRK Demirkent, 1.04 290 P, DDEM Demirkent, 1.04 290 P, ARTV Artvin, 1.06 308 P, ARTV Artvin, 1.06 308 P, STEP Stepavanan, 1.11 65 P, STEP Stepavanan, 1.11 65 P, TUTA Tutak, 1.15 189 P, DBOC Borcka, 1.32 308 P, DBOC Borcka, 1.32 308 P, GNI Garni, 1.36 106 P, BCA Borcka, 1.41 311 eP, BCA Borcka, 1.41 311 eP, ERZURUM Erzurum, 1.43 244 eP, EKAR Karacoban, 1.48 211 P, EKAR Karacoban, 1.48 211 P, DGRG David-gareji, 1.99 62 P, DGRG David-gareji, 1.99 62 P, ONI Oni, 4.08 8 P

IDC 28 14:15:44.4.2.0.8.40.61S:78.01E, h0km, mb3.6/4, mb1 3.8/4, mb1mx3.5/26, mbtmp3.6/4, MS3.6/2, Ms1 3.5/2, ms1mx3.0/18, Error ellipse: s-maj=253.8km s-min=32.9km az=129.0, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MAW Mawson, 28.30 192 LR, H01W2 Cape Leeuwin H, 28.99 90 T, H01W3 Cape Leeuwin H, 28.99 90 T, H01W1 Cape Leeuwin H, 29.00 90 T, BOSA Boshof, 44.44 269 LR, VANDA Vanda, 49.41 163 P

0.5nm, 0.7s, baz=283, slow=6.3, SNR=2.9, ASAR Alice Springs, 49.44 88 P, QSPA South Pole Qui, 49.55 180 P, WRA Warramunga Arr, 51.81 84 P

ISK 28 14:17:58.8.40.87N:33.96E, h8km, MD2.8, CSEM 28 14:17:58.9.0.2.40.89N:33.94E, h12km, MD2.8, Error ellipse: s-maj=6.1km s-min=3.7km az=137.0

ISCJB 28 14:17:59.1.0.8.40.90N:0.05:33.91E:0.07, h11km, 7km, Error ellipse: s-maj=10.4km s-min=5.8km az=135.5, DDA 28 14:17:59.9.40.82N:33.98E, h7km, MD2.7, ISC 28 14:17:58.9.1.0.40.86N:0.04:33.96E:0.04, h10km, 10km, n16, r0.046/23, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TOS Tosya, 0.18 14 OP, TOS Tosya, 0.18 14 eP, CANT Cankiri, 0.36 226 eP, ELDT Eldivan, 0.55 228 P, ELDT Eldivan, 0.55 228 P, CTCT Corum, 0.67 110 P, BOYAT Boyabat, 0.91 51 P, BOYAT Boyabat, 0.91 51 P, SAFRAN Bolu, 1.04 292 eP, SAFRAN Bolu, 1.04 292 eP, CICEK Cicekdag, 1.27 166 P, KAMT Kaman, 1.50 187 eP, KAMT Kaman, 1.50 187 eP, YOZ Yozgat, 1.60 139 eP, YOZ Yozgat, 1.60 139 eP

WEL 28 14:19:54.6.0.1.43.65S:172.34E, h9km, ML3.5/12.2C-SD, Error ellipse: s-maj=0.5km 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 CRLZ Canterbury Las, 0.22 70 PG, MOZ McQueen's Vall, 0.23 105 PG, OXF Oxford, 0.39 326 PG, LTZ Lake Taylor, 0.87 357 P, RATA Rata Peaks, 0.94 265 P, WVA Waitaha Valley, 1.30 296 P, KHZ Kahutara, 1.51 36 P, LBZ Lake Benmore, 1.72 244 P, OTAH Otahua Downs, 1.85 221 P, BSWS Blackbirch Sta, 2.24 31 P, WKZ Wanaka, 2.66 243 P, EAR Earnsclough, 2.69 233 P, TUZ Tuapeka, 3.01 219 P, CANN Cannon Point, 3.25 39 P, SYZ Scrubby Hill, 3.67 217 P, MRZ Mangataniaki R, 3.83 40 P, WHZ Wether Hill R, 3.88 233 P, BIR Birch Farm, 4.15 46 P

GUC 28 14:30:44.7.0.3.23.83S:67.72W, h236km, 9km, ML4.2, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IPOC IPOC Station P, 2.04 303 eS, IPOC IPOC Station P, 2.46 325 eS, IPOC IPOC Station P, 2.62 276 eS, IPOC IPOC Station P, 2.69 303 eS, IPOC IPOC Station P, 2.90 316 eS, IPOC IPOC Station P, 3.22 329 eS

DDA 28 14:32:31.7.39.79N:25.92E, h20km, MD2.5, ISCJB 28 14:32:33.0.4.39.79N:26.03E, h22km, 1km, MD2.9/5, Error ellipse: s-maj=5.8km s-min=3.4km az=165.5, ATH 28 14:32:33.1.39.73N:26.06E, h22km, 1km, MD2.9/5, CSEM 28 14:32:33.0.2.39.74N:26.02E, h17km, 2km, MD2.9, Error ellipse: s-maj=4.8km s-min=2.5km az=67.0, THE 28 14:32:33.6.2.39.73N:26.03E, h10km, 2km, ML1.9/5, Error ellipse: s-maj=2.8km s-min=0.6km az=238.0, ISC 28 14:32:33.4.0.9.39.73N:0.02:26.06E:0.03, h17km, 9km, n28, r0.41/53, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BOZC Bozcaada, 0.11 357 P, PRK Parasevki, 0.51 161 eP, PRK Parasevki, 0.51 161 eP, PRK Parasevki, 0.51 161 eP, SIGR SIGRI, 0.54 197 eP, SIGR SIGRI, 0.54 197 P

SIGR SIGRI, 0.54 197 P, SIGR SIGRI, 0.54 197 P, AYVA Ayyalik, 0.64 131 P, AYVA Ayyalik, 0.64 131 P, LIA Limnos Island, 0.70 284 P, LIA Limnos Island, 0.70 284 P, LIA Limnos Island, 0.70 284 P, SMTH Samothraki Isl, 0.84 331 eP, SMTH Samothraki Isl, 0.84 331 eP, SMTH Samothraki Isl, 0.84 331 P, ALN Alexandroupoli, 1.17 359 eP, ALN Alexandroupoli, 1.17 359 eP, ALN Alexandroupoli, 1.17 359 P, SART Tekirdag, 1.28 41 P, SART Tekirdag, 1.28 41 P, CHOS Chios island, 1.34 180 eP, CHOS Chios island, 1.34 180 eP, CHOS Chios island, 1.34 180 eP, CHOS Chios island, 1.34 180 P, URLA Izmir, 1.43 163 P, URLA Izmir, 1.43 163 P

NEIC 28 14:32:46.0.57.60N:136.96W, h5km, ML3.0(AEIC), ML3.6(OTT) After OTT, PGC 28 14:32:46.0.6.1.57.60N:136.96W, h5km, ML3.6/7, 115km Wnw of Sitka, Ak Southeastern Alaska, Southeastern Alaska

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BESE Bessie Mountai, 1.49 48 P, DHAK Deception Hill, 1.64 337 P, PLBC Pleasant Camp, 1.89 9 P, PLBC Pleasant Camp, 1.89 9 P, CRAIG Craig, 3.01 133 P, PCA Pinnaacle, 3.04 327 P, WHY Whitehorse, 3.26 18 P, WHY Whitehorse, 3.26 18 P, TABL Table Mountain, 3.58 325 P, DLBC Dease Lake, 3.79 74 eP, DLBC Dease Lake, 3.79 74 eP, LOGN Logan Glacier, 3.85 29 P, BAGL Bagley keeflet, 3.93 320 P, GRNC Granite Creek, 4.00 324 P, CTGM Chitina Glacie, 4.05 328 P, BARN Barnard Glacie, 4.23 327 P, NAD Naden, 4.30 146 P, NAD Naden, 4.30 146 P, KIAG Kiagna River, 4.34 323 P, TGL Tana Glacier, 4.42 324 P, CROM Cromie, 4.49 318 P, MCAR McCarthy VSAT, 4.98 323 P, VIB Van Inlet, 5.03 148 P, VIB Van Inlet, 5.03 148 P, DIB Dawson Inlet, 5.09 148 P, BMRM Bremner River, 5.17 314 P, MOBC Moresby Island, 5.25 145 P, BNB Barry Inlet, 5.89 147 P, KLU Klutina, 6.00 314 P, DAWY Dawson, 6.06 351 P, DAWY Dawson, 6.06 351 P

DJA 28 14:47:49.6.1.3.3S:5.130E, h27km, 16km, M3.3/8, MLV3.3/8, Seram

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MASAI Masohi, 1.35 244 P, BNDI Bandanaira, 1.78 185 P, FAKI Fak Fak, 2.11 98 P, SWI Sorong, 2.18 31 P, NLAJ Namlea, 3.08 261 P, LBMI Labuha, 3.37 308 P, BNDI Bandanaira, 1.78 185 P, FAKI Fak Fak, 2.11 98 P, SWI Sorong, 2.18 31 P, NLAJ Namlea, 3.08 261 P, LBMI Labuha, 3.37 308 P

IDC 28 15:25:36.2.7.22.30S:176.13W, h126km, 10km, mb3.9/6, mb1 4.0/9, mb1mx3.8/24, mbtmp3.4/9, Error ellipse: s-maj=44.6km s-min=19.1km az=139.0

ISCJB 28 15:25:38.0.0.7.22.38S:0.08:176.3W:0.1, h150km, mb4.0/8, Error ellipse: s-maj=15.0km s-min=9.8km az=31.6

NEIC 28 15:25:38.6.0.8.22.39S:176.09W, h150km, mb4.3/3, Error ellipse: s-maj=22.0km s-min=15.4km az=137.0

AUST 28 15:25:42.6.21.82S:175.99W, h200km, ISC 28 15:25:39.2.0.7.22.6S:0.1:176.1W:0.1, h150km, n26, r131/29, mb4.2/8, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NIUE Niue, 6.77 60 P, AFI Afiamalu, 9.56 26 P, AFI Afiamalu, 9.56 26 P, DZM Mont Dzumac, 16.13 268 P, DZM Mont Dzumac, 16.13 268 P, URZ Urewera, 16.67 199 P, URZ Urewera, 16.67 199 P, CMAA Cobar Meteorol, 35.00 247 P, CTA Charters Tower, 35.06 267 P, CTAO Charters Tower, 35.06 267 P, QLP Quilpie, 36.16 255 P, ASAR Alice Springs, 45.77 258 P, ASAR Alice Springs, 45.77 258 P, ASAR Alice Springs, 45.77 258 P, WRAB Trenton Creek, 46.05 264 P

28d 16h

Table with columns: WRA, KDU, FORT, WRKA, KNRA, FITZ, QSPA, MJAR, ILAR, CMAR, AKASO, BRTR, GELL, CRES. Includes station names, coordinates, and various codes.

JMA 28 15:27:44.4, 0.1, 43.323N x 146.166E, h83km, 1km, M3.5, Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Nemuro 2, Rausu, Nakash, etc.

ISC/JB 28 15:34:11.6, 0.4, 41.88N, 0.1, 23.99E, 0.03, h3km, 3km, Error ellipse: s-maj=3.4km s-min=2.5km az=169.1

CSEM 28 15:34:12.2, 0.1, 41.87N, 0.2, 24.02E, h5km, MD3.0, Error ellipse: s-maj=2.5km s-min=2.0km az=77.0

SOF 28 15:34:12.2, 0.1, 41.87N, 0.1, 24.01E, h8km, MD3.0, Error ellipse: s-maj=2.5km s-min=2.0km az=77.0

ATH 28 15:34:12.2, 0.1, 41.84N, 0.2, 24.00E, h2km, MD3.4/14

BE0 28 15:34:13.7, 0.4, 41.89N, 0.3, 23.99E, h7km, 2km, ML2.7/9

THE 28 15:34:13.0, 0.1, 41.82N, 0.1, 24.01E, h2km, 1km, ML2.9/8, Error ellipse: s-maj=1.4km s-min=1.1km az=257.0

SKO 28 15:34:13.9, 0.1, 41.91N, 0.2, 23.98E, h1km, M2.5, ML2.8

ISC 28 15:34:12.4, 0.1, 41.85N, 0.1, 24.00E, 0.02, h5km, 9km, n103, 0.08/140, 5C-8D, Greece-Bulgaria border region

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists numerous stations including Musomiste, Neurokopi, Rozhen, etc.

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Table with columns: PLG, Polygyros, Pavlikeni, Zavojski, etc. Includes station names, coordinates, and various codes.

WEL 28 15:54:13.7, 0.8, 34.98S, 178.00E, h33km, ML3.7/4, Error ellipse: s-maj=11.7km s-min=5.6km az=90.0, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Matakaoa Point, Te Kaha, etc.

MOS 28 15:58:09.2, 5.5, 53.24N, 108.65E, h8km, mb4.2/1, Error ellipse: s-maj=99.9km s-min=29.5km az=59.1

BYKL 28 15:58:11.6, 0.3, 53.32N, 108.14E, Error ellipse: s-maj=10.7, 1.2, 53.32N, 108.15E, 0.02, h2km, 11km, n33, 0.25/11/53, 1C-2D, Lake Baykal region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Matakaoa Point, Te Kaha, etc.

PRU 28 16:01:33.4, 50.14N, 19.06E, h0km, CSEM 28 16:01:32.3, 0.5, 50.19N, 19.00E, h1km, Error ellipse: s-maj=12.6km s-min=7.0km az=11.0, Poland

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Ojcow, Ostrava-Krasne, etc.

PRU 28 16:01:52.7, 51.46N, 16.07E, h0km, CSEM 28 16:01:51.0, 0.5, 51.50N, 16.06E, h2km, ML2.7/7, Error ellipse: s-maj=8.3km s-min=5.1km az=12.0, Poland

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

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Large table with columns: IRK, KMO, CIT, YOA, ARS, SVKR, KPC, ZAK, MOY, NLYR, ORL, BOD, ULN, OJC, OKC, MORC, KRLC, STHS, VYHS, DPC. Includes station names, coordinates, and various codes.

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NSTT Nanjiang, WSTA Wuchang, and others.

KRSC 28 17:06:34.6-0.8, 53.15N, 158.32E, h162km, 5km, ML3.5, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KOK Koryaka, PET Petropavlovsk, and others.

ISCJB 28 17:17:47.7-0.6, 39.68N, 159.04E, h190km, 7km, Error ellipse: s-maj=7.5km s-min=4.8km az=137.3

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like LIA Limnos Island, BOZC Bozcaada, and others.

ISCJB 28 17:17:47.7-0.6, 39.68N, 159.04E, h190km, 7km, Error ellipse: s-maj=7.5km s-min=4.8km az=137.3

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NSTT Nanjiang, WSTA Wuchang, and others.

ISCJB 28 17:06:59.5-0.6, 18.37N, 145.35E, h1450km, mb3.5/18, Error ellipse: s-maj=18.0km s-min=10.3km az=4.4

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like GUMO Guam, JOW Kunigami, and others.

NIED 28 17:33:00.24, 10N, 121.70E, h5km, Mw5.0 Best double couple: M4.2100x=1019 s-min=2.6km az=109.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NIWA Nihoa, NEIC NEIC, and others.

ISCJB 28 17:06:59.5-0.6, 18.37N, 145.35E, h1450km, mb3.5/18, Error ellipse: s-maj=18.0km s-min=10.3km az=4.4

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NSTT Nanjiang, WSTA Wuchang, and others.

ISCJB 28 17:07:28.3-0.9, 13.08N, 124.86E, h10km, mb3.5/5, MS2.6/2, Error ellipse: s-maj=11.5km s-min=5.8km az=146.5

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PVPC Virac, PLP Palo, and others.

ISCJB 28 17:33:53.6-0.4, 24.11N, 121.75E, h10km, mb3.5/3, h13km, pp-P, n376, c1950/443, mb4.7/116, MS4.1/34, 33C-25, Taiwan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like TWD Chiawan, NACB Nancangchiao, and others.

ISCJB 28 17:07:28.3-0.9, 13.08N, 124.86E, h10km, mb3.5/5, MS2.6/2, Error ellipse: s-maj=11.5km s-min=5.8km az=146.5

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NSTT Nanjiang, WSTA Wuchang, and others.

Table with columns: Station, Azimuth, Elevation, SNR, Azimuth Error, Elevation Error, SNR Error, and other parameters. Includes stations like JIJ, Hengchun, TWKI, TSEB, JISG, etc.

Table with columns: Station, Azimuth, Elevation, SNR, Azimuth Error, Elevation Error, SNR Error, and other parameters. Includes stations like BJI, KMI, KMI, KMI, KMI, etc.

Table with columns: Station, Azimuth, Elevation, SNR, Azimuth Error, Elevation Error, SNR Error, and other parameters. Includes stations like GTA, GTA, GTA, GTA, GUMO, etc.

28d 17h

Table with columns: EQU, Quantar, 9.03 87 P, Pn, 17 43 04.0 +1.7, SJPF, Ste Jean, 11.85 57 P, Pn, 17 43 43.9 +3.1, AVFE, Vinchina, 1.84 38 IAML, Sn, 17 42 48.1 +0.4

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Table with columns: EQU, Quantar, 9.03 87 P, Pn, 17 43 04.0 +1.7, SJPF, Ste Jean, 11.85 57 P, Pn, 17 43 43.9 +3.1, AVFE, Vinchina, 1.84 38 IAML, Sn, 17 42 48.1 +0.4

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Table with columns: EQU, Quantar, 9.03 87 P, Pn, 17 43 04.0 +1.7, SJPF, Ste Jean, 11.85 57 P, Pn, 17 43 43.9 +3.1, AVFE, Vinchina, 1.84 38 IAML, Sn, 17 42 48.1 +0.4

BUI 28 17:41:50.3, 30'20S:69'30W, h89km, mb4.5/1, Ms5.0/2, Ms7.4/6/2
ISCJB 28 17:41:52.0, 30'0.3, 17S:0'02:69'49W, 0'03, h116km, 3km, mb4.1/12, Error ellipse: s-maj=4.9km s-min=3.6km

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC, TLL, Tololo Astrono, 1.12 2711 eP, Pn, 17 42 16.3 +0.4

KRSC 28 17:44:43.1, 6.5024N:157.07E, h60km, 22km, ML3.6, Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s ISC, SKR, Severo-Kuril's, 0.75 306 iP, Pn, 17 44 58.4 +0.2

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

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

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

28d 21h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PICO, PGRA Graciosa, and PGRA 45nm 0.5s.

DJA 28 21:13:36.21.0.2 N.8.12.2E. h10km, M4.2/8, mb4.4/2, MLv4.2/8, Minahasa Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MRSI Marisa, KMSI Cibinong, and MRSI Mapaga.

IDC 28 21:18:57.1.6.8.3.06S.148.22E, h0km, mb3.7/2, mb1 4.0/2, mb1mx3.4/29, mbtmp3.7/2, Error ellipse: s-maj=288.9km s-min=15.1km az=107.0, Bismarck Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, and H11S3 WAKE ISLAND Hy 28.10.

IDC 28 21:20:21.0.7.3.06S.148.09E, h0km, mb4.3/15, mb1 4.4/17, mb1mx4.2/31, mbtmp4.3/17, MLO 9.1/1, MS3.8/5, Ms1 3.8/5, ms1mx3.5/22, Error ellipse: s-maj=92.1km s-min=15.5km az=97.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, and H11S3 WAKE ISLAND Hy 28.10.

IDC 28 21:20:22.9.0.5.3.10S.0.05x148.10E.0.09, h2km, mb4.3/19, MS3.8/5, Error ellipse: s-maj=12.9km s-min=6.8km az=179.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PMG Port Moresby, GUMO Guam, and WRA Warramunga Arr.

IDC 28 21:22:39.2.2.1.3.45S.149.02E, h0km, mb3.6/3, mb1 3.9/3, mb1mx3.4/28, mbtmp3.6/3, MS3.7/2, Ms1 3.7/2, ms1mx3.1/21, Error ellipse: s-maj=166.5km s-min=28.0km az=121.0, Bismarck Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, and H11S3 WAKE ISLAND Hy 28.10.

2010 SEP

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, and H11S3 WAKE ISLAND Hy 28.10.

TAP 28 21:26:18.9.23.74N.121.84E, h31km, 1km, ML2.8, D, ISCJB 28 21:26:19.0.4.23.74N.0.02.121.88E.0.02, h24km, 3km, Error ellipse: s-maj=3.7km s-min=2.3km az=138.5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, and H11S3 WAKE ISLAND Hy 28.10.

JMA 28 21:26:19.5.23.75N.121.83E, h31km, 2km, ML2.6, ISC 28 21:26:19.6.0.9.23.75N.0.02.121.82E.0.02, h32km, 8km, n44, 0.65/8/1, Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HWA Hwalien, HWA Hwa, and H11S3 WAKE ISLAND Hy 28.10.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SCZT baz=219, IRIF Iriomote-Funau, and HATJ Hatema jima.

IDC 28 21:29:03.1.0.8.3.10S.147.99E, h0km, mb4.0/10, mb1 4.2/10, mb1mx3.9/22, mbtmp4.0/10, Error ellipse: s-maj=27.1km s-min=20.0km az=105.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, and H11S3 WAKE ISLAND Hy 28.10.

DDA 28 21:31:20.5.39.42N.26.35E, h7km, MD3.2, ATH 28 21:31:20.9.39.44N.26.34E, h9km, 1km, MD3.4/7, ISCJB 28 21:31:20.9.0.3.39.41N.0.02.26.32E.0.02, h8km, 3km, Error ellipse: s-maj=3.2km s-min=2.7km az=171.9

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PRK Paraskevi, PRK Paraskevi, and PRK Paraskevi.

ISC 28 21:31:21.4.0.8.39.41N.0.02.26.33E.0.02, h13km, 6km, n126, 0.69/4/157, 3C, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PRK Paraskevi, PRK Paraskevi, and PRK Paraskevi.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like EDC Edincik, MRMT Marmara Adasi, etc.

ISCJB 28 21:38:25.0-5.50:19N-0:03-18.98E:0.03,h0km, Error ellipse: s-maj=5.1km s-min=2.1km az=16.9

IPEC 28 21:38:26.7-0.2:50.24N-19:11'E,h0km,ML2.5/3, Error ellipse: s-maj=2.8km s-min=1.1km az=169.0

CSEM 28 21:38:26.4-0.3:50.20N-19:01'E,h2km,ML3.1/10, Error ellipse: s-maj=7.5km s-min=3.0km az=13.0

PRU 28 21:38:27.7-50:16N-19:04'E,h0km

ISC 28 21:38:26.7-0.8:50:11N-0:03-19.05E:0.02,h0km,n42, e097/85,Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CHP Chorzow, OJC Ojcow, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GOPC GO Pecny, Ondr, GOPC Gopce, etc.

ISC 28 21:46:10.8-1.7:27:77N-87:70E,h0km,mb3.7/6, mb1.3/8.7,mb1mx3.5/4.2,mbtmp3.7/7,ML3.2/1, Error ellipse: s-maj=6.1km s-min=25.6km az=59.0

ISCJB 28 21:46:18.2-1.3:27:9N:0:2-87:8E:0:2,h68km,mb3.6/6, Error ellipse: s-maj=36.3km s-min=7.2km az=136.9

ISC 28 21:46:19.9-1.5:27:9N:0:2-87:8E:0:3,h68km,n9, e047/11,mb3.5/6,Nepal

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

CSEM 28 21:51:38.2-0.6:39:60N-29:60W,h5km,ML2.4, PDA 28 21:51:38.2-0.6:39:60N-29:60W,h5km,MD3.5,ML2.4, Error ellipse: s-maj=15.3km s-min=5.5km az=54.0, Azores Islands

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

ISC 28 21:51:38.2-1.7:4:18N-127:07E,h0km,mb3.5/3, mb1.3/7.3,mb1mx3.3/3.6,mbtmp3.5/3,1D, Error ellipse: s-maj=163.2km s-min=25.6km az=67.0, Talaud Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CTBH Cotabato-PC H, WRA Warramunga Arr, etc.

ISC 28 21:51:43.7-1.7:30:23S-177:50W,h0km,mb3.8/2, mb1.4/0.2,mb1mx3.7/2.0,mbtmp3.8/2, Error ellipse: s-maj=45.4km s-min=29.7km az=87.0, Kermadec Islands

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

ISCJB 28 21:56:46.4-0.5:31:26N:0:04-115:64W:0:04,h8km,7km, Error ellipse: s-maj=7.2km s-min=5.1km az=36.6

ECX 28 21:56:47.2-0.4:31:24N:115:63W,h5km,MD3.0,ML3.2

MEX 28 21:56:48.3-0.3:31:16N:115:65W,h10km,MD3.6

ISC 28 21:56:48.3-0.9:31:25N:0:05-115:65W:0:04, h14km,11km,n14,e093/23,5C-7D,Baja California

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SPIG San Pedro Mart, SPIG San Pedro Mart, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ZAX Rancho Dawling, RDX Rancho Dawling, etc.

GUC 28 22:25:18.3-0.5:34:77S-71:84W,h11km,4km,ML3.6, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LNCM Linares, RCDM Rinconada Maip, etc.

ISC 28 22:31:21.5-1.0:33:27S:72:73W,h0km,mb3.9/5, mb1.4/0.8,mb1mx3.8/2.8,mbtmp3.9/8,ML3.4/2,MS3.6/5, Ms1.3/6.5,ms1mx3.3/1.9, Error ellipse: s-maj=37.1km s-min=22.1km az=102.0

ISCJB 28 22:31:23.7-1.4:33:33S:0:04-72:40W:0:06,h17km,9km, mb4.0/6,MS3.7/2, Error ellipse: s-maj=8.1km s-min=6.9km az=177.3

GUC 28 22:31:25.6:0.4:33:51S:72:21W,h14km,19km,ML4.1

NEIC 28 22:31:25.0:33:51S:72:21W,h14km,mb4.5/2, ML4.1(GUC),After GUC

ISC 28 22:31:23.1-1.2:33:29S:0:05-72:31W:0:07,h7km,12km, n30,e192/33,mb4.2/6,Off coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like U73B San Pedro, RCDM Rinconada Maip, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LACH Col Las Americ, LNCM Linares, etc.

LPAZ La Paz 17 15 14 P 22 35 29.8 +1.9

SIV San Ignacio 20.00 33 LR 22 45 07.0

SAML Samuel 25.65 21 ePn P 22 36 54.4 +0.8

BDFB 28 21:57 17 LR 22 49 09.3

VNA1 Neumayer-Stat 50.41 157 P 22 40 23.0 +2.3

VNA2 Neumayer-Watz 50.75 157 P 22 40 24.1 +0.8

SNA4 Zalesovo Beam 52.32 158 P 22 40 35.9 +0.7

SNA5 Sanae 52.32 158 P 22 40 35.7 +0.5

QSPA South Pole Pk 56.94 180 P 22 41 08.4 -0.5

QSPA South Pole Pk 56.94 180 ePn P 22 41 07.5 -1.4

TXAR Lajitas Array 69.01 331 P 22 42 57.9 -1.6

MAW Maxwell 73.92 164 P 22 42 58.0 +0.8

TORD Torodi Arr Be 84.18 70 P 22 43 56.4 +0.8

H1S2 WAKE ISLAND Hyt25.56 270 T 01 08 45.7

H1S1 WAKE ISLAND Hyt25.56 270 T 01 08 45.0

H1S3 WAKE ISLAND Hyt25.56 270 T 01 08 53.1

ZALV Zalesovo Beam 153.75 31 PKP PKPdf 22 51 12.0 -2.5

ZALV Zalesovo Beam 153.75 31 PKP PKP 22 51 23.4 +0.9

MKAR Makanchi Array 156.48 48 PKPab PKPab 22 51 48.2 +1.1

ISC 28 22:53:24.3-2.2:29:63N:51:70E,h0km,mb3.5/9, mb1.3/6/10,mb1mx3.4/1.1,mbtmp3.5/10,ML3.1/1,MS2.6/2, Ms1.2/6.2,ms1mx2.2/0.6, Error ellipse: s-maj=48.4km s-min=21.9km az=157.0

ISCJB 28 22:53:25.3:0.4:29:80N:0:04-51:76E:0:10,h0km, mb3.5/8,MS2.2/1, Error ellipse: s-maj=6.3km s-min=5.1km az=7.7

THR 28 22:53:27.8:0.5:29:77N:51:84E,h10km,8km,ML3.5

CSEM 28 22:53:28.6:0.4:29:70N:51:80E,h10km,ML3.5,MS3.8, Error ellipse: s-maj=9.0km s-min=7.4km az=149.0

DSN 28 22:53:29.4:1.5:29:62N:51:73E,h15km,mb3.8/8,MS3.6/6, Error ellipse: s-maj=16.5km s-min=11.8km az=134.0

ISC 28 22:53:27.1-0.7:29:76N:0:04-51:74E:0:05,h10km,n38, e1913/39,mb3.5/8,2C-3D,Southern Iran

Code Station Name Az Az' Phase ID Time Res

AHBU AHARAM 0.97 204 ePn P 22 53 46.7 +0.8

AHBU AHBU 0.97 204 ePn P 22 54 00.7 +2.1

GHIR Ghir-Karzin 1.83 143 ePn P 22 54 00.4 -0.3

GHIR Ghir-Karzin 1.83 143 ePn P 22 54 36.9

GHIR Ghir-Karzin 1.83 143 ePn P 22 54 00.4 -0.3

NASN Na'in 3.16 16 ePn P 22 54 19.2 +1.9

NASN Na'in 3.16 16 ePn P 22 54 19.2 +1.9

KFJS Kerman 3.68 246 P 22 54 25.0 +0.9

Table with columns for station name, coordinates, and status. Includes stations like Makanchi Array, Songino Array, Ulaanbaatar, etc.

Table with columns for station name, coordinates, and status. Includes stations like Akbulak array, Khabarovsk, Cobar Meteorol, etc.

Table with columns for station name, coordinates, and status. Includes stations like VSR, BZR21, LPSR, etc.

Table with columns: Code, Name, RA, Dec, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z. Includes stations like MORC, ARAO, ARCES, KRCL, etc.

Table with columns: Code, Name, RA, Dec, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z. Includes stations like NVL, TAM, TORO, etc.

Table with columns: Code, Name, RA, Dec, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z. Includes stations like PAE, PPT, WKZ, etc.

ICD 28 23:48:37.8;0.6,22.57S;175.27W,h0km,mb4.7/18, mb1.4/8.19,mb1mx4.6/40,mbtmp4.7/19,ML5.4/1,MS3.9/5, Ms1.3.9/5,Ms1mx3.6/22,Error ellipse: s-maj=24.5km

ISCJB 28 23:48:41.6;0.3,22.77S;175.30W;0.08,h35km, mb4.9/34,MS3.9/4,Error ellipse: s-maj=11.3km

NEIC 28 23:48:42.0;0.3,22.77S;175.25W,h35km,mb5.2/17, Error ellipse: s-maj=11.5km s-min=6.6km az=125.0

BJI 28 23:48:48.5;2.10S;175.63W,h63km,mb5.2/23, mb5.5/15,Ms5.4/12,Ms7.5/0.12

ISC 28 23:48:43.2;0.4,22.69S;0.07-175.31W;0.10,h35km, n132,1s36/137,mb5.0/34,MS3.8/4,17C-13D,Tonga

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

ZALV Zalovo Beam 117.36 320 PKIKP PKIKP 00 07 16.3 -1.4

29d 1h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Makanchi Array, ARCES ARCES Array B, GEYT Alibek, etc.

2010 SEP

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IRIF Iriomote-Funau, JISG Ishigakijima, TAP 29 00:26:26.1, etc.

1350

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

1351

MFVIF	Luceram	0.66	172	Pg	Sg	01 47 03.3	-0.1
LCUF	Luceram	0.66	172	Pg	Sg	01 46 54.9	-0.2
LCUF	Luceram	0.66	172	Pg	Sg	01 47 03.8	+0.2
LCUF	Luceram	0.66	172	Pg	Sg	01 46 54.9	-0.2
SBF	Sospel	0.70	167	eP	Sg	01 47 03.8	+0.2
SBF	Sospel	0.70	167	eP	Sg	01 46 55.3	-0.3
SBF	Sospel	0.70	167	eP	Sg	01 47 04.5	-0.4
SBF	Sospel	0.70	167	eP	Sg	01 46 55.5	-0.3
SBF	Sospel	0.70	167	eP	Sg	01 47 04.5	-0.4
RORO	Rocca Rossa	0.74	125	Pg	Sg	01 46 56.3	-0.4
RORO	Rocca Rossa	0.74	125	Pg	Sg	01 47 05.6	-0.7
RORO	Rocca Rossa	0.74	125	P	Sg	01 46 56.2	-0.4
RORO	Rocca Rossa	0.74	125	P	Sg	01 47 05.6	-0.7
NEGI	Seborga	0.78	153	P	Pg	01 46 56.9	-0.4
IMI	Imperia	0.79	143	Pg	Sg	01 46 57.2	-0.5
IMI	Imperia	0.79	143	P	Sg	01 47 07.3	-0.7
IMI	Imperia	0.79	143	P	Sg	01 46 57.2	-0.5
IMI	Imperia	0.79	143	P	Sg	01 47 07.3	-0.7
REV	Revere	0.81	173	Pg	Sg	01 46 57.5	-0.5
REV	Revere	0.81	173	Pg	Sg	01 47 08.8	+0.3
REV	Revere	0.81	173	Pg	Sg	01 46 57.5	-0.5
REV	Revere	0.81	173	Pg	Sg	01 47 08.8	+0.3
CALN	Calern	0.83	197	Pg	Sg	01 46 58.9	-0.1
CALN	Calern	0.83	197	Pg	Sg	01 47 09.7	+0.6
CALN	Calern	0.83	197	Pg	Sg	01 46 58.9	-0.1
CALN	Calern	0.83	197	Pg	Sg	01 47 09.7	+0.6
QLNO	Quiliano	0.83	105	Pg	Sg	01 46 58.5	+0.1
QLNO	Quiliano	0.83	105	Pg	Sg	01 47 08.9	-0.3
QLNO	Quiliano	0.83	105	Pg	Sg	01 46 58.5	+0.1
QLNO	Quiliano	0.83	105	Pg	Sg	01 47 08.9	-0.3
ROTM	Rocchetta Tana	0.86	69	P	Pb	01 46 59.5	0.0
FINB	Finale Ligure	0.87	114	Pg	Sg	01 46 58.8	-0.3
FINB	Finale Ligure	0.87	114	Pg	Sg	01 47 09.2	-1.2
FINB	Finale Ligure	0.87	114	Pg	Sg	01 46 58.8	-0.3
FINB	Finale Ligure	0.87	114	Pg	Sg	01 47 09.2	-1.2
LSD	Lago del Serru	0.92	356	Pg	Sb	01 46 59.9	-0.2
LSD	Lago del Serru	0.92	356	Pg	Sb	01 47 13.4	+0.3
LSD	Lago del Serru	0.92	356	Pg	Sb	01 46 59.9	-0.2
LSD	Lago del Serru	0.92	356	Pg	Sb	01 47 13.4	+0.3
PCP	Piancastagn	0.94	90	Pg	Sg	01 47 00.5	0.0
PCP	Piancastagn	0.94	90	Pg	Sg	01 47 12.6	-0.2
PCP	Piancastagn	0.94	90	Pg	Sg	01 47 00.5	0.0
PCP	Piancastagn	0.94	90	Pg	Sg	01 47 12.6	-0.2
LPG	La Plagne	1.01	341	eP	Sb	01 47 02.4	+0.1
LPG	La Plagne	1.01	341	eP	Sb	01 47 16.5	-1.1
LPG	La Plagne	1.01	341	eP	Sb	01 47 02.4	+0.1
LPG	La Plagne	1.01	341	eP	Sb	01 47 16.5	-1.1
GDM	Grand Maison	1.03	310	Pg	Pn	01 47 03.5	+0.3
GDM	Grand Maison	1.03	310	Pg	Pn	01 47 03.5	+0.3
ORIF	Oris-en-Rattie	1.03	292	eP	Sb	01 47 03.2	0.0
ORIF	Oris-en-Rattie	1.03	292	eP	Sb	01 47 16.6	+0.2
ORIF	Oris-en-Rattie	1.03	292	eP	Sb	01 47 03.2	0.0
ORIF	Oris-en-Rattie	1.03	292	eP	Sb	01 47 16.6	+0.2
LPL	La Plagne	1.03	340	eP	Sb	01 47 03.2	-0.2
LPL	La Plagne	1.03	340	eP	Sb	01 47 16.6	+0.2
LPL	La Plagne	1.03	340	eP	Sb	01 47 03.2	-0.2
LPL	La Plagne	1.03	340	eP	Sb	01 47 16.6	+0.2
TRAV	Traversella	1.04	21	Pg	Pg	01 47 00.6	-1.7
TRAV	Traversella	1.04	21	Pg	Pg	01 47 00.6	-1.7
TRAV	Traversella	1.04	21	Pg	Pg	01 47 01.1	-1.2
TRAV	Traversella	1.04	21	Pg	Pg	01 47 14.0	-1.8
FRF	La Foret Royal	1.07	203	eP	Sg	01 47 02.7	-0.3
FRF	La Foret Royal	1.07	203	eP	Sg	01 47 16.1	-0.6
FRF	La Foret Royal	1.07	203	eP	Sg	01 47 02.7	-0.3
FRF	La Foret Royal	1.07	203	eP	Sg	01 47 16.1	-0.6
CIRO	Champorcher	1.09	13	Pg	Pb	01 47 01.6	-2.0
CIRO	Champorcher	1.09	13	Pg	Pb	01 47 01.6	-2.0
RSL	Roselend	1.22	340	Pg	Pg	01 47 06.9	+1.0
RSL	Roselend	1.22	340	Pg	Pg	01 47 06.9	+1.0
MRGE	Morge	1.23	355	Pg	Pn	01 47 05.7	-0.3
MRGE	Morge	1.23	355	Pg	Pn	01 47 05.7	-0.3
GRN	Grenoble	1.26	304	Pg	Pg	01 47 07.5	+0.9
GRN	Grenoble	1.26	304	Pg	Pg	01 47 25.6	+2.6
GRN	Grenoble	1.26	304	Pg	Pg	01 47 07.5	+0.9
GRN	Grenoble	1.26	304	Pg	Pg	01 47 25.6	+2.6
SMRF	Simiane la Rot	1.31	245	eP	Sg	01 47 08.2	+0.6
SMRF	Simiane la Rot	1.31	245	eP	Sg	01 47 20.2	+2.4
SMRF	Simiane la Rot	1.31	245	eP	Sg	01 47 08.2	+0.6
SMRF	Simiane la Rot	1.31	245	eP	Sg	01 47 20.2	+2.4
LMR	La Moure	1.31	203	eP	Sb	01 47 06.8	-0.2
LMR	La Moure	1.31	203	eP	Sb	01 47 23.8	-0.4
LMR	La Moure	1.31	203	eP	Sb	01 47 06.8	-0.2
LMR	La Moure	1.31	203	eP	Sb	01 47 23.8	-0.4
SATI	Passo del Sala	1.41	19	Pg	Pg	01 47 06.4	-2.2
LEPF	PUYLOUBIER	1.50	228	Pn	Sb	01 47 10.1	-0.3
LEPF	PUYLOUBIER	1.50	228	Pn	Sb	01 47 31.1	+0.5
LEPF	PUYLOUBIER	1.50	228	Pn	Sb	01 47 10.1	-0.3
LEPF	PUYLOUBIER	1.50	228	Pn	Sb	01 47 31.1	+0.5
EMV	Vieux Emossou	1.54	352	Pn	Pb	01 47 11.5	+0.3
EMV	Vieux Emossou	1.54	352	Pn	Pb	01 47 11.5	+0.3
DIX	Grande Dixence	1.54	5	Pn	Pn	01 47 09.5	-0.9
DIX	Grande Dixence	1.54	5	Pn	Pn	01 47 09.5	-0.9
BOB	Bobbio (Coli)	1.60	81	Pn	Pb	01 47 11.9	-0.3
BOB	Bobbio (Coli)	1.60	81	Pn	Pb	01 47 11.9	-0.3
SC2M	Scurtabou	1.66	94	Pg	Pn	01 47 10.5	-1.3
VARE	Varese	1.72	39	Pn	Pn	01 47 12.5	-0.1
VARE	Varese	1.72	39	Pn	Pn	01 47 12.5	-0.1
VIVF	Saint-Julien-I	1.85	281	eP	Sg	01 47 15.8	-0.6
VIVF	Saint-Julien-I	1.85	281	eP	Sg	01 47 41.6	-0.1
VIVF	Saint-Julien-I	1.85	281	eP	Sg	01 47 15.8	-0.6
VIVF	Saint-Julien-I	1.85	281	eP	Sg	01 47 41.6	-0.1
MUGIO	Muggio	1.88	42	Pn	Pn	01 47 14.1	-0.8
MUGIO	Muggio	1.88	42	Pn	Pn	01 47 14.1	-0.8
SSB	Saint Sauveur	2.04	292	Pn	Pb	01 47 18.4	-1.3
SSB	Saint Sauveur	2.04	292	Pn	Pb	01 47 18.4	-1.3
CABF	La Chapelle	2.22	339	eP	Sg	01 47 21.3	-1.4
CABF	La Chapelle	2.22	339	eP	Sg	01 47 53.7	+0.1
CABF	La Chapelle	2.22	339	eP	Sg	01 47 21.3	-1.4
CABF	La Chapelle	2.22	339	eP	Sg	01 47 53.7	+0.1
PGF	Pioggiola	2.38	146	eP	Sn	01 47 19.3	-2.3
PGF	Pioggiola	2.38	146	eP	Sn	01 47 45.4	-5.6
PGF	Pioggiola	2.38	146	eP	Sn	01 47 19.3	-2.3
PGF	Pioggiola	2.38	146	eP	Sn	01 47 45.4	-5.6
TUE	Stuetta	2.44	37	Pn	Pn	01 47 22.3	-0.3
TUE	Stuetta	2.44	37	Pn	Pn	01 47 22.3	-0.3
TUE	Stuetta	2.44	37	Pn	Pn	01 47 22.3	-0.3
TUE	Stuetta	2.44	37	Pn	Pn	01 47 22.3	-0.3
LASF	Ste Croix	2.46	260	eP	Pn	01 47 23.3	+0.5
LASF	Ste Croix	2.46	260	eP	Pn	01 47 48.7	-0.9
LASF	Ste Croix	2.46	260	eP	Pn	01 47 23.3	+0.5
LASF	Ste Croix	2.46	260	eP	Pn	01 47 48.7	-0.9
BNALP	Bannalp	2.48	19	Pn	Pn	01 47 24.2	+1.1

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BNALP	Bannalp	2.48	19	Pn	Pn	01 47 24.2	+1.1
PIL	Pisa	2.51	108	Pn	Pn	01 47 22.5	-0.9
PIL	Pisa	2.51	108	Pn	Pn	01 47 22.5	-0.9
MAGA	Magasa	2.71	62	Pn	Pn	01 47 24.9	-1.3
MAGA	Magasa	2.71	62	Pn	Pn	01 47 24.9	-1.3
BERNI	Berninapass	2.71	45	Pn	Pn	01 47 26.5	0.0
BERNI	Berninapass	2.71	45	Pn	Pn	01 47 26.5	0.0
LOMF	Lomont	2.82	354	Pn	Pn	01 47 29.1	+1.3
LOMF	Lomont	2.82	354	Pn	Pn	01 47 29.1	+1.3
LBL	Lublihuac	2.91	285	Pn	Pn	01 47 29.7	+0.7
LBL	Lublihuac	2.91	285	Pn	Pn	01 47 29.7	+0.7
PLDF	La Plantade	2.92	301	Pn	Pn	01 47 30.4	+1.3
PLDF	La Plantade	2.92	301	Pn	Pn	01 47 30.4	+1.3
BBS	Basel-Blauen	2.93	4	Pn	Pn	01 47 30.0	+0.8
BBS	Basel-Blauen	2.93	4	Pn	Pn	01 47 30.0	+0.8
BRMO	Bormio	2.94	48	Pn	Pn	01 47 30.2	+0.8
BRMO	Bormio	2.94	48	Pn	Pn	01 47 30.2	+0.8
SMF	Signal de Mont	3.17	313	eP	Sg	01 47 34.3	+1.8
SMF	Signal de Mont	3.17	313	eP	Sg	01 48 23.2	-1.0
SMF	Signal de Mont	3.17	313	eP	Sg	01 47 34.3	+1.8
SMF	Signal de Mont	3.17	313	eP	Sg	01 48 23.2	-1.0
PYM	Petit Puy Mans	3.22	294	Pn	Pn	01 47 34.5	+1.3
PYM	Petit Puy Mans	3.22	294	Pn	Pn	01 47 34.5	+1.3
HINF	Hinteralfeld	3.29	356	eP	Sn	01 47 34.9	+0.8
HINF	Hinteralfeld	3.29	356	eP	Sn	01 48 08.4	-4.9
HINF	Hinteralfeld	3.29	356	eP	Sn	01 47 34.9	+0.8
HINF	Hinteralfeld	3.29	356	eP	Sn	01 48 08.4	-4.9
MOF	Molkenrain	3.31	359	Pn	Pn	01 47 34.8	+0.3
MOF	Molkenrain	3.31	359	Pn	Pn	01 47 34.8	+0.3
DAVA	Damuels	3.31	33	Pn	Pn	01 47 36.5	+1.9
DAVA	Damuels	3.31	33	Pn	Pn	01 47 36.5	+1.9
DAVA	Damuels	3.31	33	Pn	Pn	01 47 36.5	+1.9
DAVA	Damuels	3.31	33	Pn	Pn	01 47 36.5	+1.9
FELD	Feldberg im Sc	3.38	9	Pn	Pn	01 47 35.1	-0.4
FELD	Feldberg im Sc	3.38	9	Pn	Pn	01 47 35.1	-0.4
FETA	Feichten	3.49	43	Pn	Pn	01 47 39.4	+2.4
FETA	Feichten	3.49	43	Pn	Pn	01 47 39.4	+2.4
FETA	Feichten	3.49	43	Pn	Pn	01 47 39.4	+2.4
FETA	Feichten	3.49	43	Pn	Pn	01 47 39.4	+2.4
HAU	Haudompre	3.52	350	eP	Sn	01 47 38.1	+0.8
HAU	Haudompre	3.52	350	eP	Sn	01 48 14.0	-5.0
HAU	Haudompre	3.52	350	eP	Sn	01 47 38.1	+0.8
HAU	Haudompre	3.52	350	eP	Sn	01 48 14.0	-5.0
AVF	Avril sur Loir	3.52	311	eP	Sg	01 47 38.8	+1.5
AVF	Avril sur Loir	3.52	311	eP	Sg	01 48 34.2	-1.3
AVF	Avril sur Loir	3.52	311	eP	Sg	01 47 38.8	+1.5
AVF	Avril sur Loir	3.52	311	eP	Sg	01 48 34.2	-1.3
CRE	Caprese Michel	3.53	104	Pn	Pn	01 47 37.2	-0.3
CRE	Caprese Michel	3.53	104	Pn	Pn	01 47 37.2	-0.3
LOR	Lormes	3.60	320				

Table with columns for station name, frequency, mode, and other technical details. Includes stations like KMNR, KOZ, SRDR, etc.

Table with columns for station name, frequency, mode, and other technical details. Includes stations like MJAR, EGAK, JHJ, etc.

Table with columns for station name, frequency, mode, and other technical details. Includes stations like RLMT, NVAR, TKM2, etc.

29d 2h

Table with columns for station name, frequency, power, and other technical details. Includes stations like FITZ, USRK, COEN, WRAB, WRA, etc.

2010 SEP

Table with columns for station name, frequency, power, and other technical details. Includes stations like AAK, AAK, NVS, NVS, EKS2, etc.

1354

Table with columns for station name, frequency, power, and other technical details. Includes stations like JKT, JKT, MJAR, MJAR, MAT, etc.

NIED 29 02:27:00, 36°30'N, 139°20'E, h170km, Mw4.1 Best double couple: M1: 87000; 1015 NP1: 198.00000°, 861.00000°, 18.00000°. NP2: 99.00000°, 875.00000°, 1.150.00000°.

LDG 29 02:57:26.0±0.1, 44°19'N, 7°16'E, h3km, Md1.4/3, M11.5/7, Error ellipse: s-maj=1.5km s-min=0.8km az=79.0 GEN 29 02:57:26.5±0.4, 16°N, 7°16'E, h8km, MLO.8 CSEM 29 02:57:26.0±0.1, 44°19'N, 7°15'E, h12km, M11.4/7, Error ellipse: s-maj=1.5km s-min=1.2km az=74.0, Northern Italy

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Phase Error, Time, Residual, and other parameters. Includes stations like MBDF Montbardon, BHB Bricherasio, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Phase Error, Time, Residual, and other parameters. Includes stations like JMA 29 03:01:12.4, etc.

NIED 29 03:01:00, 37:30N, 140:00E, h5km, Mw4.7. Best double couple: M1.34000-1.0161, N1.34000-1.00000, ...

ISCJB 29 03:01:57.0, 37:28N, 140:02E, h14km, 2km, mb4.8/83, MS3.9/24, Error ellipse: s-maj=3.5km

JMA 29 03:01:57.6, 37:30N, 140:05E, h6km, 2km, M4.8. Broadband fault plane solution: P waves. N1P1: ...

SZGRF 29 03:01:57.7, 36:80N, 141:34E, h33km, mb5.3, Near east coast of eastern Honshu, Japan

MOS 29 03:02:00.6, 1.2, 37:31N, 139:95E, h42km, mb4.9/50, Error ellipse: s-maj=1.8km s-min=5.5km az=110.9

NEIC 29 03:02:02.0, 0.6, 37:27N, 139:95E, h42km, 5km, mb5.0/31, MW4.7(NIED), Error ellipse: s-maj=5.6km s-min=4.4km

NEIC Felt at Aizu-Wakamatsu. Recorded [3 JMA] in Fukushima; [2 JMA] in Ibaraki and Tochigi; [1 JMA] in Chiba, Gumma, Miyagi, Niigata, Saitama and Yamagata.

ISC 29 03:01:58.1, 0.7, 37:28N, 140:07E, h13km, 3km, n303, r124/334, mb4.9/83, MS3.9/24, 26C-20D, Eastern Honshu

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Phase Error, Time, Residual, and other parameters. Includes stations like JFY Yanaizu, JFT Otama, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Phase Error, Time, Residual, and other parameters. Includes stations like KRSR Korea Array, CSRS, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Phase Error, Time, Residual, and other parameters. Includes stations like LZH, GYA, etc.

29d 3h

2010 SEP

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Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like TKM2, MCK, KZA, SOEI, RND, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like LPSR, FINES, VSR, VORD, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like DRGR, MORC, DPC, etc.

ISCJB 29 03:06:31.3i.0.4.20'43S:0'07:177.55W:0'08,h450km, mb3.7/8, Error ellipse: s-maj=12.2km s-min=7.5km az=41.8

Table with columns: Code, Station Name, Azimuth, Elevation, Time, and other parameters. Includes stations like NIUE, AFI, RAO, etc.

29d 6h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NSTT, TWA, TWQ1, TWB1, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TAP 29 04:19:16.3,24:18N,121:65E, etc.

2010 SEP

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IDC 29 04:28:06.5,2.2,5:54S, etc.

TAP 29 04:38:25.5,24:14N,121:68E, h8km, 1km, ML1.9, D,

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

IDC 29 05:10:01.3,2.6,53:42N,169:53W, h0km, mb4.1/4, mb1.4/3.5, mb1mx3/7.50, mbtmp4.1/5, ML4.2/1, Error ellipse: s-maj=62.6km s-min=28.8km az=30.0

ISCJB 29 05:10:17.4,0.6,53:6N,0:1:168:7W,0:1.1, h126km, 6km, mb4.0/4, Error ellipse: s-maj=25.7km s-min=6.8km az=151.2

NEIC 29 05:10:18.0,53:26N,168:23W, h126km, MG3.5(AEIC), After AEIC.

ISC 29 05:10:17.6,1.1,53:6N,0:2:168:9W,0:1.1, h119km, 9km, n36, c079/34, mb4.1/4, Fox Islands

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

ILAR 0.2nm, 0.3s, baz=210, slow=7.8, SNR=3.8

NVAR 1.4nm, 0.8s, baz=300, slow=7.0, SNR=10

H112 WAKE ISLAND Hy 38.65 218 T T 05 58 55.8

H113 WAKE ISLAND Hy 38.66 218 T T 05 58 56.3

H111 WAKE ISLAND Hy 38.67 218 T T 05 58 56.8

H115 WAKE ISLAND Hy 39.84 218 T T 06 00 24.2

H112 WAKE ISLAND Hy 39.86 218 T T 06 00 25.5

H113 WAKE ISLAND Hy 39.86 218 T T 06 00 24.9

TXAR Lajitas Array 52.42 90 P P 05 19 17.7 -0.1

FINES FINES Array B 64.65 352 P P 05 20 42.1 +0.2

HFS Hagfors 66.55 359 P P 05 20 53.1 -1.1

DDA 29 05:14:35.2,37:45N,26:95E, h7km, MD2.6

ISK 29 05:14:35.7,37:46N,27:11E, h2km, MD2.5

CSEM 29 05:14:36.8,0.2,37:47N,27:08E, h5km, MD2.5, Error ellipse: s-maj=5.3km s-min=4.9km az=76.0

ISC 29 05:14:36.4,1.5,37:47N,0:03:27:12E,0:04, h5km, 13km, n16, c069/26, Turkey

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

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Table with columns: APE, Apeiranthos, 1.32 253 ePn Pg 05 15 01.9 -1.0

TEH 29 05:48:12.6,29:75N,51:59E, h9km, ML3.5

ISCJB 29 05:48:13.2,1.1,29:65N,0:04:51:57E,0:06, h11km, 8km, Error ellipse: s-maj=8.4km s-min=6.0km az=170.6

CSEM 29 05:48:14.9,0.2,29:70N,51:64E, h10km, ML3.5, Ms3.5, Error ellipse: s-maj=5.5km s-min=5.5km az=85.0

THR 29 05:48:15.0,0.5,29:75N,51:71E, h34km, 9km, ML3.5

DSN 29 05:48:20.6,0.1,29:27N,51:94E, h10km, mb3.3/3, Ms3.5/2, Error ellipse: s-maj=9.0km s-min=4.7km az=27.0

ISC 29 05:48:15.1,1.5,29:69N,0:06:51:63E,0:05, h7km, 10km, n50, c094/56, 2C-1D, Southern Iran

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IKAZ, Kazeroun, Pars, Sarvestan, etc.

IMEH Zefreh comp=2,1um,0.1s

IZEF Na'in 3.26 18 ePn Pn 05 49 06.2 -0.6

NASN Na'in 3.26 18 ePn Pn 05 49 06.3 -0.7

NASH Na'in 3.26 18 ePn Pn 05 49 06.3 -0.7

ICHK Chekehek comp=2,656nm,0.2s 3.49 42 e Pn Pn 05 49 24.3

ICHK KFJS 3.56 246 ePn Pn 05 49 09.7 -0.3

IKLH Kolahrood 3.62 359 ePn Pn 05 49 11.9 +1.1

IKLH Kolahrood 3.62 359 ePn Pn 05 49 13.6

IBAF Batgh 3.89 60 ePn Pn 05 49 15.2 -0.3

IBAF Batgh comp=2,467nm,0.1s 3.89 60 ePn Pn 05 49 15.2 -0.3

QAM Ghamsar 4.06 358 ePn Pn 05 49 17.0 -0.9

ASAO Ashtian 5.03 345 ePn Pn 05 49 30.9 -0.3

ASAO Ashtian 5.03 345 ePn Pn 05 49 31.0 -0.3

BANOM Banah 5.59 313 P Pn 05 49 37.4 -1.4

BTHS Bafgh 5.67 187 ePn Pn 05 49 40.0 +0.3

BTHS Bafgh 5.67 187 ePn Pn 05 49 40.1 +0.3

IKOM Komasi 5.67 323 ePn Pn 05 49 39.5 -0.5

IKOM Komasi 5.67 323 ePn Pn 05 50 48.1

DAMV Damavand 5.93 3 ePn Pn 05 49 42.9 -0.7

DAMV Damavand 5.93 3 ePn Pn 05 49 42.9 -0.7

ASUD Al Ashush, Dub 6.03 146 P Pn 05 49 43.8 -0.9

ASUD Al Ashush, Dub 6.03 146 P Pn 05 49 43.8 -0.9

TABS Tabas 6.12 48 ePn Pn 05 49 45.2 -0.9

TABS Tabas 6.12 48 ePn Pn 05 49 45.2 -0.9

CHTH Charan 6.21 368 ePn Pn 05 49 47.1 -0.4

CHTH Charan 6.21 368 ePn Pn 05 49 47.1 -0.4

ASHO Ashiyah 6.36 141 P Pn 05 49 47.3 -2.0

ASHO Ashiyah 6.36 141 P Pn 05 49 47.3 -2.0

ASYS Ashush 6.76 253 P Pn 05 49 53.9 -0.9

SHRO Shahrood 7.28 29 ePn Pn 05 50 01.1 -1.0

SHRO Shahrood 7.28 29 ePn Pn 05 50 01.1 -1.0

LYLS Lyleh 8.58 208 P Pn 05 50 19.0 -0.8

LYLS Lyleh 8.58 208 P Pn 05 50 19.3 -0.5

TRN 29 05:51:11.2,16:96N,61:20W, h20km, MD3.5, M3.2(FDF), 3C, Leeward Islands

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

IDC 29 06:00:49.6,0.7,11:87N,143:30E, h0km, mb4.0/12, mb1.4/2.13, mb1mx4.0/34, mbtmp4.0/13, ML3.9/1, MS3.1/6, MS1.3/16, ms1mx2.0/34, Error ellipse: s-maj=25.5km s-min=16.1km az=97.7

ISC 29 06:00:52.8,0.8,11:30N,0:1:143:5E,0:1, h25km, n17, c1945/15, mb4.0/12, MS3.0/5, South of Mariana Islands

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

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residuals. Includes stations like MJAR, HNR, KSRS, WRA, USRK, ASAR, etc.

ISC 29 06:18:14.7,23.0,40.59S:78.10E,h0km,mb3.6/3, mb1 3.8/3,mb1mx3.5/27,mbtmp3.6/3,Error ellipse: s-maj=565.9km s-min=43.4km az=124.0, Mid-Indian Ridge

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residuals. Includes stations like H1012, H1013, H1011, etc.

ISCJB 29 06:47:36.6,0.7,51.80N:0.05:159.07E:0.09,h69km,5km, mb3.9/14, Error ellipse: s-maj=10.9km s-min=6.1km az=3-7.2

MOS 29 06:47:36.6,1.4,51.81N:158.88E,h71km,mb4.3/11, Error ellipse: s-maj=18.1km s-min=6.0km az=90.0

KRSC 29 06:47:37.3,1.5,51.91N:159.17E,h59km,18km,ML4.5

ISC 29 06:47:41.5,1.8,51.93N:158.84E,h92km,12km,mb3.7/14, mb1 3.9/14,mb1mx3.6/54,mbtmp4.1/14, Error ellipse: s-maj=19.1km s-min=18.4km az=26.0

ISC 29 06:47:37.6,0.9,51.79N:0.06:159.04E:0.05,h63km,7km, m6.9,+1935/89,mb4.1/14,1D,Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residuals. Includes stations like RUS, MTR, GRL, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residuals. Includes stations like NLC, UGLR, SPN, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residuals. Includes stations like SMAR, AVH, SDLR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residuals. Includes stations like KIL, MKZ, KZV, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residuals. Includes stations like H11N3, H11N1, H11S1, etc.

ISC 29 07:11:16.8,1.6,41.49S:88.03E,h0km,mb4.1/7, mb1 4.3/7,mb1mx3.9/34,mbtmp4.1/7,MS3.9/7,Ms1 3.9/7, ms1mx3.6/24, Error ellipse: s-maj=54.8km s-min=19.3km az=132.0

ISC 29 07:11:18.8,1.7,41.55S:0.3:88.2E,0.3,h10km,n20, a1912.12,mb4.2/7,MS3.9/7,Southeast Indian Ridge

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residuals. Includes stations like ARCES, NVAR, FINES, etc.

ISC 29 06:53:35.2,0.2,6.70S:150.43E,h0km,mb3.6/4, mb1 3.9/4,mb1mx3.5/29,mbtmp3.6/4, Error ellipse: s-maj=114.6km s-min=26.6km az=130.0, New Britain region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residuals. Includes stations like PMG, WRA, ASAR, etc.

ISC 29 06:56:32.1,2.0,6.39S:150.15E,h0km,mb3.5/4, mb1 3.8/5,mb1mx3.5/22,mbtmp3.6/5,ML1.3/1, Error ellipse: s-maj=116.7km s-min=23.2km az=129.0, New Britain region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residuals. Includes stations like PMG, WRA, ASAR, etc.

WEL 29 07:10:12.5,0.1,43.62S:172.21E,h10km,ML3.5/13, 2C-3D, Error ellipse: s-maj=0.9km s-min=0.8km az=0.0, South Island

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residuals. Includes stations like CRUZ, ORX, OXZ, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residuals. Includes stations like EAZ, TUZ, etc.

ISC 29 07:11:16.8,1.6,41.49S:88.03E,h0km,mb4.1/7, mb1 4.3/7,mb1mx3.9/34,mbtmp4.1/7,MS3.9/7,Ms1 3.9/7, ms1mx3.6/24, Error ellipse: s-maj=54.8km s-min=19.3km az=132.0

ISC 29 07:11:18.8,1.7,41.55S:0.3:88.2E,0.3,h10km,n20, a1912.12,mb4.2/7,MS3.9/7,Southeast Indian Ridge

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residuals. Includes stations like H1012, H1013, MAW, etc.

ISC 29 07:16:17.3,3.4,40.43S:78.07E,h0km,mb3.8/3, mb1 4.1/3,mb1mx3.6/36,mbtmp3.8/3, Error ellipse: s-maj=88.0km s-min=42.0km az=124.0, Mid-Indian Ridge

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residuals. Includes stations like H1012, H1013, H1011, etc.

ISCJB 29 07:17:54.0,0.9,40.70S:0.2:78.5E:0.2,h10km,mb4.1/7, mb1 4.1/3,mb1mx3.6/36,mbtmp3.8/3, Error ellipse: s-maj=88.0km s-min=42.0km az=124.0

ISC 29 07:17:53.8,1.0,40.61S:78.37E,h0km,mb4.0/7, mb1 4.2/7,mb1mx3.8/35,mbtmp4.0/7, Error ellipse: s-maj=30.3km s-min=24.4km az=118.0

ISC 29 07:17:55.3,0.9,40.65S:0.2:78.4E:0.2,h10km,n11, o065/9,mb3.9/7, Mid-Indian Ridge

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residuals. Includes stations like MAW, H1012, H1013, etc.

ISCJB 29 07:30:07.9,0.5,42.26N:0.03:75.44E:0.03,h4km,4km, Error ellipse: s-maj=4.5km s-min=3.2km az=178.3

KNET 29 07:30:07.1,0.4,42.26N:75.44E,h15km,4km,ml2.8, Error ellipse: s-maj=3.7km s-min=2.5km az=171.0

KRNET 29 07:30:07.8,0.1,42.24N:75.43E,h14km,mb3.3, mbp3.3, Error ellipse: s-maj=4.9km s-min=1.4km az=153.0

ISC 29 07:30:08.3,0.9,42.24N:0.03:75.44E:0.02,h12km,8km, n34, o086/59,35C-26D,La Issey-Kul region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Phase ID, Time, Residuals. Includes stations like KZA, KBA, KKB, etc.

29d 7h

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like LVV, BEL, LKWY, BSD, etc.

2010 SEP

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like UZH, OJC, QJC, DECC, ANTO, etc.

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Table with columns for station call letters, frequency, power, and other technical details. Includes stations like A30A, PSZ, PFO, 109C, etc.

O20A	White River Ci	80.75	46	P	P	08 12 10.6	-0.3
TREC	Trest	80.79	327	AMS	AMS	08 52	20.0
F28A	McLaughlin	80.82	38	P	P	08 12 10.8	-0.2
E29A	Napoleon	80.87	37	P	P	08 12 10.7	-0.6
C31A	Landman Farms,	80.89	35	P	P	08 12 10.3	-0.9
MMAI	Mount Meron Ar	80.90	305	P	P	08 12 11.7	0.0
D30A	Buchanan	80.91	36	P	P	08 12 10.6	-0.7
PDMCJ	Parker Dam,Lak	80.91	54	P	P	08 12 11.7	+0.1
CLZ	Claustral	80.94	331	eP	P	08 12 11.5	0.0
B32A	Ashes, Strandq	80.99	34	P	P	08 12 10.6	-1.1
Y12C	Blythe	81.00	54	P	P	08 12 12.5	+0.4
J25A	Sunshine Ranch	81.01	41	P	P	08 12 11.3	-0.8
CSS	Prodhromos	81.02	307	eP	LR	08 12 12.1	-0.1
H27A	Hoves	81.04	40	P	P	08 12 11.9	-0.3
I26A	New Underwood	81.06	41	P	P	08 12 12.3	0.0
MPEP	Malo Peshtene	81.07	319	iP	P	08 12 12.8	+0.5
RAR	Rarotonga	81.22	125	PFAKE	LR	08 12 20.0	+6.8
RANR	Tannenbergs	81.22	329	eP	P	08 12 13.0	0.0
GLA	Glamis	81.24	55	eP	Pmax	08 12 13.8	+0.3
GLA	Glamis	81.24	55	P	P	08 12 14.0	+0.6
GLA	Glamis	81.24	55	eP	P	08 12 13.8	+0.3
E30A	Jud	81.27	37	P	P	08 12 12.8	-0.5
PV09	Paradox Valley	81.31	48	eP	P	08 12 14.8	+0.8
F29A	Eureka	81.31	38	P	P	08 12 13.1	-0.4
G28A	Parade	81.31	39	P	P	08 12 13.4	-0.2
AGMN	Agassiz Nation	81.36	34	P	P	08 12 13.5	-0.3
AGMN	Agassiz Nation	81.36	34	eP	LR	08 12 12.9	-0.9
MOX	Moxa	81.39	330	eP	P	08 12 13.7	-0.1
MOX	Moxa	81.39	330	eP	L	08 49	58.1
PLD	Plodivd	81.42	317	iP	P	08 12 15.3	+1.2
J26A	Sides Ranch, S	81.44	41	P	P	08 12 14.2	-0.2
PV10	Paradox Valley	81.44	48	eP	P	08 12 15.7	+1.0
I27A	Quinn	81.45	40	P	P	08 12 14.3	-0.1
K25A	Mack Ranch, Ha	81.51	42	P	P	08 12 15.8	+1.0
PV04	Paradox Valley	81.51	48	eP	P	08 12 16.1	+1.2
SOP	Sopron	81.51	325	iP	P	08 12 15.3	+0.8
PHWY	Pilot Hill	81.54	44	eP	P	08 12 15.6	+0.4
H28A	Mission Ridge	81.54	39	P	P	08 12 14.7	-0.1
IBBN	Ibbenburen	81.56	333	eP	P	08 12 14.3	-0.4
CONA	Conrad Observa	81.64	326	iP	P	08 12 16.0	+0.6
RZN	Rozhen	81.70	317	iP	P	08 12 16.6	+0.7
D31A	Dogwood Acres,	81.70	35	P	P	08 12 15.0	-0.5
E32A	Norne	81.72	36	P	P	08 12 15.6	0.0
G29A	Hoven	81.72	38	P	P	08 12 15.1	-0.6
KHC	Kasperske Hory	81.74	328	eP	P	08 12 15.5	-0.3
KHC	Kasperske Hory	81.74	328	eP	P	08 12 23.5	+2.0
KHC	Kasperske Hory	81.74	328	eP	P	08 22 27.9	-0.3
KHC	Kasperske Hory	81.74	328	eP	P	08 12 15.5	-0.3
KHC	Kasperske Hory	81.75	33	P	P	08 12 15.4	-0.4
C33A	Trail	81.80	34	P	P	08 12 15.1	-1.0
K26A	Motz Farm, Whi	81.81	42	P	P	08 12 16.2	-0.2
ROTZ	Rotzenmuhle	81.83	329	eP	P	08 12 16.6	+0.4
VTS	Vitosha	81.89	318	iP	P	08 12 17.0	+0.2
VTS	Vitosha	81.89	318	iP	P	08 12 16.5	-0.3
WUAZ	Wupatki	81.89	51	P	P	08 12 17.1	+0.2
WUAZ	Wupatki	81.89	51	eP	LR	08 12 16.6	-0.4
WUAZ	Wupatki	81.89	51	eP	LR	08 12 16.6	-0.4
GEC2	GERESS Array S	81.90	327	eP	P	08 12 16.0	-0.7
GEC2	GERESS Array S	81.90	327	eP	P	08 12 16.0	-0.7
GERES	GERESS Array B	81.90	327	P	P	08 12 16.6	-0.1
GERES	GERESS Array B	81.90	327	P	P	08 12 16.6	-0.1
GERES	GERESS Array B	81.90	327	P	P	08 12 16.6	-0.1
I28A	Midland	81.95	40	P	P	08 12 16.6	-0.3
H29A	Onida	81.98	39	P	P	08 12 16.6	-0.5
WET	Wetzell	82.02	328	eP	P	08 12 17.4	+0.1
J27A	Elkthorn Farm,	82.04	41	P	P	08 12 17.5	-0.1
F31A	Hecla	82.05	37	P	P	08 12 16.8	-0.6
SMCO	Snowmass	82.12	46	eP	P	08 12 18.8	+0.3
G30A	Faultkon	82.15	38	P	P	08 12 17.4	-0.6
GRF	Grabenberg Arr	82.29	329	eP	P	08 12 18.9	+0.3
GRF	Grabenberg	82.29	329	eP	L	08 50	22.7
GRFO	Grabenberg	82.29	329	eP	P	08 12 18.8	+0.2
GRFO	Grabenberg	82.29	329	eP	P	08 12 18.8	+0.2
MMB	Musomiste	82.30	317	iP	P	08 12 19.2	+0.3
ARSA	Arzberg	82.30	325	iP	P	08 12 19.3	+0.5
K27A	Flueckinger Fa	82.31	41	P	P	08 12 18.6	-0.4
BEH	Beesehly	82.31	324	iP	P	08 12 19.7	+0.9
J28A	Allard Ranch,	82.32	40	P	P	08 12 18.9	-0.1
I29A	Vivian Onida	82.37	39	P	P	08 12 18.8	-0.4
NVR	Neurokopi	82.39	317	P	P	08 12 18.9	-0.5
MOA	Molin	82.41	327	iP	P	08 12 20.5	+1.1
BUG	Bochum-Univer	82.44	332	eP	P	08 12 18.7	-0.6
ISCO	Idaho Springs	82.45	318	iP	P	08 12 20.0	+0.4
ISCO	Idaho Springs	82.45	318	iP	P	08 12 20.0	+0.4
ISCO	Idaho Springs	82.47	45	P	P	08 12 20.5	+0.3
ISCO	Idaho Springs	82.47	45	eP	LR	08 12 20.8	+0.6
ISCO	Idaho Springs	82.47	45	eP	LR	08 12 20.8	+0.6
DIVS	Divibare	82.48	321	P	P	08 12 19.2	-0.6
MVCO	Mesa Verde	82.53	49	P	P	08 12 20.6	+0.2
MVCO	Mesa Verde	82.53	49	eP	P	08 12 20.6	+0.2

MVCO	comp-Z,1um,21.0s						
G31A	Conde	82.54	37	P	P	08 12 19.5	-0.5
ESK	Eskdalemuir	82.54	340	PFAKE	LR	08 12 30.0	+1.0
D34A	Park Rapids	82.57	34	P	P	08 12 19.2	-1.0
KOGS	Kog	82.57	325	iP	P	08 12 20.0	-0.1
URZ	Urevera	82.60	151	LR	LR	08 45	30.3
E33A	Westby DABS, E	82.63	35	P	P	08 12 19.8	-0.7
C35A	Jirik Farms, M	82.64	33	P	P	08 12 19.7	-0.8
SRS	Serrai	82.70	317	P	P	08 12 20.3	-0.6
SUSD	South Dakota S	82.74	38	P	P	08 12 20.6	-0.5
K28A	Ten Mile Ranch	82.76	41	P	P	08 12 21.0	-0.3
J29A	Okreek	82.80	40	P	P	08 12 20.7	-0.7
G32A	Webster	82.86	37	P	P	08 12 21.3	-0.4
I30A	Oacoma	82.89	39	P	P	08 12 21.4	-0.5
GROS	Grobnik	82.91	325	iP	P	08 12 21.8	-0.2
H31A	Wolsey	82.95	38	P	P	08 12 21.4	-0.7
PERS	Pernice	82.95	325	eP	P	08 12 22.1	-0.1
SOKA	Sotho	82.96	325	iP	P	08 12 22.1	-0.1
TNS	Tausms	82.97	331	eP	P	08 12 22.0	-0.2
F33A	5 Mile Ranch,	82.99	36	P	P	08 12 21.8	-0.5
E34A	Wadena	83.01	35	P	P	08 12 22.3	-0.1
KNT	Kendrikon	83.05	317	P	P	08 12 22.1	-0.6
M27A	Reverse DX Ran	83.05	42	P	P	08 12 22.7	-0.2
D35A	Remer	83.08	34	P	P	08 12 22.4	-0.4
C36A	Pine Crest Far	83.10	33	P	P	08 12 22.4	-0.4
RJOB	Joehberg	83.14	327	eP	P	08 12 23.3	+0.1
DOBS	Dobrina	83.15	325	eP	P	08 12 22.9	-0.3
K29A	Lazy Trails An	83.27	40	P	P	08 12 23.6	-0.3
J30A	Dallas	83.28	39	P	P	08 12 23.1	-0.8
EIL	Elat	83.30	302	P	P	08 12 24.5	+0.3
PLG	Polygyros	83.30	317	iP	P	08 12 23.2	-0.9
OBKA	Obir	83.30	325	iP	P	08 12 23.8	-0.3
E35A	Pequot Lakes	83.32	34	P	P	08 12 23.9	-0.1
PLE	Plejevlja	83.34	321	iP	P	08 12 26.0	+1.7
C37A	Embrass	83.40	32	P	P	08 12 23.4	-1.0
D36A	Goodland	83.40	33	P	P	08 12 23.7	-0.7
KBA	Koelnbreinsper	83.41	327	iP	P	08 12 25.6	+0.9
IVA	Berane	83.41	320	iP	P	08 12 25.3	+0.6
H32A	Carlson Farm,	83.44	37	P	P	08 12 24.6	-0.1
O26A	Horse Wrangler	83.45	44	P	P	08 12 25.4	+0.4
FUR	Furstenfeldbru	83.45	328	eP	P	08 12 24.7	0.0
GRG	Grip	83.46	318	P	P	08 12 24.0	-0.9
PAIG	Paliouri	83.48	316	P	P	08 12 23.7	-1.2
N27A	Anderson Farm,	83.48	43	P	P	08 12 24.4	-0.7
EYMN	Ely	83.53	32	P	P	08 12 24.4	-0.7
EYMN	Ely	83.53	32	P	LR	08 12 24.5	-0.6
BEEN	Beenal	83.54	333	P	P	08 12 25.2	+0.1
MEM	Membach	83.58	333	P	P	08 12 25.0	-0.2
MEM	Membach	83.58	333	eP	P	08 12 25.7	+0.5
MEM	Membach	83.58	333	eP	P	08 12 25.7	+0.5
PVY	Ply	83.59	317	iP	P	08 12 26.1	+0.5
MYKA	Terra Mystica	83.62	326	iP	P	08 12 25.3	-0.3
H33A	Prehn Over Nor	83.64	37	P	P	08 12 25.2	-0.5
OGNE	Ogallala	83.65	42	P	P	08 12 26.1	+0.2
OGNE	Ogallala	83.65	42	eP	LR	08 12 26.9	+0.9
LJU	Ljubljana	83.66	325	iP	P	08 12 25.4	-0.5
UPM	Unac-Piva	83.67	321	iP	P	08 12 25.8	-0.4
L29A	Maesberg Ranch	83.68	41	P	P	08 12 25.6	-0.5
J31A	Geddes	83.68	39	P	P	08 12 25.5	-0.5
M28A	Bar X Bar Ranc	83.69	42	P	P	08 12 25.5	-0.6
K30A	Basset	83.69	40	P	P	08	

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

JMA 29 08:00:31.8, 37:25N, 140:02E, h9km, 1km, M4.0, Eastern Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations in the Honshu region.

Main table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for a large number of stations.

JMA 29 08:00:31.8, 37:27N, 140:02E, h8km, 1km, M4.4, Eastern Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations in the Honshu region.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations in the Vostok region.

JMA 29 08:06:09.1, 37:27N, 140:05E, h8km, 1km, M1.9, Eastern Honshu

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations in the Honshu region.

ISCJB 29 08:06:08.7, 0.9, 22:41S, 0:07:70.64W, 0:09, h31km, mb4.0/6, MS3.2/1, Error ellipse: s-maj=12.3km

IDC 29 08:06:15.5, 2.2, 22:56S, 70:34W, h71km, 17km, mb3.8/6, mb1 3.8/9, mb1mx3.6/28, mbtmp3.9/9, MS2.9/5, Ms1 2.9/5, ms1mx2.9/27, Error ellipse: s-maj=22.0km s-min=18.6km az=88.0

ISC 29 06:06:11.4, 0.9, 22:36S, 0:09:70.48W, 0:09, h31km, n20, e174.1/3, mb4.1/6, Near coast of northern Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for stations in the WAKE ISLAND region.

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NIED 29 08:06:00.37:30N:140.00E, h5km, Mw4.3 Best double couple: M3.29000+1015 NP130.43 00000+823.00000+1.72.00000... NP230.243.00000+868.00000+9.98.00000...

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like SPiG San Pedro Mart, SPiG San Pedro Mart, SPiG San Pedro Mart, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like JFY Yanaizu, JFY Otama, JFY Kawauchi, etc.

JMA 29 08:09:10.0, 37.25N:140.00E, h8km, 1km, M1.9, Eastern Honshu

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like JFY Yanaizu, JFY Otama, JFY Kawauchi, etc.

IDC 29 08:12:26.6:1.4, 37.24N:140.17E, h0km, mb3.4/3, mb1 3.7/3, mb1mx3.4/40, mbtmp3.4/3, Error ellipse: s-maj=32.9km s-min=15.3km az=150.0

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like JFY Yanaizu, JFY Otama, JFY Kawauchi, etc.

JMA 29 08:14:35.1, 37.25N:140.03E, h7km, 1km, M2.6, Eastern Honshu

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like JFY Yanaizu, JFY Otama, JFY Kawauchi, etc.

ISCJB 29 08:18:54.3:1.0, 24.7S:0.1:179.8E:0.2, h517km, mb3.7/4, Error ellipse: s-maj=19.4km s-min=14.1km az=10.3

n33, c0699/54, 3C-8D, Baja California

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like SPiG San Pedro Mart, SPiG San Pedro Mart, SPiG San Pedro Mart, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like EL Chinero, El Zacaton, Barrett, etc.

ISC 29 08:23:27.9, 39.66N:30.24E, h19km, MD2.6

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like ULDT Uludag, ULDT Uludag, ULDT Uludag, etc.

ISC 29 08:23:48.1, 37.25N:140.02E, h5km, 1km, M2.6, Eastern Honshu

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like JFY Yanaizu, JFY Otama, JFY Kawauchi, etc.

s-maj=594.7km s-min=44.0km az=124.0, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like H01W2 Cape Leeuwin H, H01W1 Cape Leeuwin H, H01W1 Cape Leeuwin H, etc.

JMA 29 08:37:29.9, 37.30N:140.05E, h7km, 1km, M2.8, Eastern Honshu

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like JFY Yanaizu, JFY Otama, JFY Kawauchi, etc.

IDC 29 08:45:51.8:3.1, 32.93S:178.19W, h0km, mb3.8/2, mb1 4.0/3, mb1mx3.7/24, mbtmp3.8/3, ML3.7/1, Error ellipse: s-maj=72.5km s-min=45.4km az=123.0, South of Kermadec Islands

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like URZ Urewera, URZ Alice Springs, WRA Warramunga Arr, etc.

NIED 29 08:51:00.37:30N:140.00E, h5km, Mw3.9 Best double couple: M3.81000+1014 NP130.43 00000+823.00000+1.72.00000...

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like JFY Yanaizu, JFY Otama, JFY Kawauchi, etc.

ISCJB 29 08:54:36.1:0.8, 39.31N:27.72E, h6km, MD2.5

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res, ISC. Rows include stations like BALB Balikesir, BALB Balikesir, AKHS Akhisar, etc.

ISC 29 08:54:36.1:0.8, 39.31N:27.72E, h7km, MD2.1

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

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

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

DJA 29 08:58:17.4:0.0,3.0;S:2.122E, h16km,5km, M4.2/11, mb4.6/2, mb5.5/1, MLV4.0/11, Mw(mb)5.0/1, Minahas

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

JMA 29 08:59:02.6:37.27N,140.04E, h4km,2km, M2.5, Eastern Honshu

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

IDC 29 08:59:14.7:2.3, 6.69S, 129.41E, h0km, mb3.7/1, mb1.3/4.0, mb1mx3.3/29, mbtm3.3/3, ML3.1/2.2, Error ellipse: s-maj=146.4km s-min=32.5km az=68.0, Banda Sea

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

WEL 29 09:05:29.8:0.3, 39.51S, 174.22E, h190km,2km, ML3.6/13, 17C-8D, Error ellipse: s-maj=2.3km s-min=1.5km

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

ISCJB 29 09:09:22.4:0.4, 29.40S, 0.04:143.57E, 0.04, h10km, mb4.1/5, Error ellipse: s-maj=6.7km s-min=5.1km az=29.6

IDC 29 09:09:25.0:1.2, 29.41S, 143.53E, h0km, mb4.0/5, mb1.4/1.9, mb1mx3.9/36, mbtm3.4/0.9, ML4.0/4, Error ellipse: s-maj=44.4km s-min=19.3km az=71.0

AUST 29 09:09:25.0:0.6, 29.57S, 143.75E, h0km, Error ellipse: s-maj=3.8km s-min=3.1km az=140.0

NEIC 29 09:09:25.0:0.6, 29.57S, 143.75E, h0km, mb4.2/1, ISC 29 09:09:25.0:0.6, 29.33S, 0.06:143.59E, 0.06, h10km, n33, r155/36, mb4.0/5, New South Wales

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like QLP, RMSQ, HTT, YNG, ARMA, etc.

ISCJB 29 09:22:03.8:0.6, 37.26N, 0.04:140.04E, 0.04, h1km,4km, mb3.7/4, MS3.8/2, Error ellipse: s-maj=6.7km s-min=4.2km

IDC 29 09:22:03.0:1.3, 37.33N, 140.10E, h0km, mb3.7/4, mb1.3/9.4, mb1mx3.6/33, mbtm3.7/4, MS3.5/3, ms1mx2.9/42, Error ellipse: s-maj=29.8km s-min=14.5km

JMA 29 09:22:04.2:37.26N, 140.03E, h5km,2km, M3.3 Broadband fault plane solution: P waves. NP1: e=162.00000; s=55.00000; t=71.00000; NP2: e=13.00000; s=83.00000; t=115.00000. Principal axes: T P1: 72.00000; Azm24.00000; N P1: 15.00000; Azm172.00000; P1: 9.00000; Azm265.00000;

JMA Fell J1, ISC 29 09:22:03.8:1.2, 37.28N, 0.04:140.06E, 0.04, h6km,9km, n19, e=70/23, mb3.7/4, 1C-6D, Eastern Honshu

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

ISK 29 09:24:10.4, 39.89N, 29.23E, h11km, MD2.6 ISCJB 29 09:24:11.0:0.5, 39.90N, 0.03:29.20E, 0.04, h10km, Error ellipse: s-maj=5.6km s-min=3.3km az=40.4

DDA 29 09:24:11.6, 39.89N, 29.21E, h7km, MD2.6 CSEM 29 09:24:11.2:0.2, 39.91N, 29.21E, h10km, MD2.6, Error ellipse: s-maj=4.4km s-min=3.0km az=135.0

ISC 29 09:24:11.0:0.9, 39.89N, 0.02:29.22E, 0.02, h10km, n44, e=40/52, Turkey

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

NSSC 29 10:06:51.6:1.8, 35.12N, 36.56E, h3km,5km, ML2.0, 1C, Jordan - Syria region

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

29d 10h

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SKHL 29 10:18:32.1+1.3, 46.64N-153.52E, h63km, 5km, mb4.7/5
JMA 29 10:18:32.8+0.8, 47.03N-153.05E, h30km, M4.4
MOS 29 10:18:33.9+1.2, 47.07N-152.99E, h58km, mb4.5/1.1, Error ellipse: s-maj=15.0km s-min=8.1km az=64.5

ISCJB 29 10:18:33.5+0.5, 47.01N-152.92E, 0.1, h56km, mb4.2/18, MS3.0/5, Error ellipse: s-maj=14.3km s-min=3.6km az=138.2
IDC 29 10:18:34.8+0.6, 47.02N-152.92E, h54km, 6km, mb3.8/15, mb1.4/0.19, mb1mx3.8/43, mbtmp4.1/19, MS3.0/6, Ms1.3/1.6, ms1mx2.8/45, Error ellipse: s-maj=18.8km s-min=12.4km az=133.0

NEIC 29 10:18:35.1+0.5, 47.06N-152.90E, mb4.4/1, Error ellipse: s-maj=15.8km s-min=7.2km az=137.0
ISC 29 10:18:35.1+0.6, 47.01N-152.90E, h56km, n104, c124/108, mb4.3/18, MS3.1/5, 7C-1D, Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Kuril'sk, Severo-Kuril'sk, Shikotan, Yuzh-Kuril'sk, Nemuro 2, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H11S1 WAKE ISLAND, H11S2 WAKE ISLAND, ILAR Eielson Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ANDN Andirind, BNN Bunyan, KOZT Kozan, etc.

DJA 29 10:23:28.5+0.9, 2.5N-122.2E, h10km, M4.1/8, mb4.4/3, mb4.9/2, MLV4.0/8, Mw(mb)4.2/2, Minahassa Peninsula, Sulu Is.

IDC 29 10:28:16.9+1.0, 24.35S-66.99W, h168km, 12km, mb3.4/1, mb1.3/6.6, mb1mx3.4/30, mbtmp4.0/6, Error ellipse: s-maj=18.4km s-min=13.7km az=76.0

ISCJB 29 10:28:17.6+0.6, 24.28S-66.07W, h194km, 5km, mb3.5/1, Error ellipse: s-maj=10.8km s-min=7.4km az=154.3

SJA 29 10:28:17.5+1.2, 24.26S-67.14W, h186km, 21km, ML3.2
ISC 29 10:28:18.4+0.9, 24.33S-66.67W, h11W, 0.07, h185km, 8km, n18, c148/25, Chile-Argentina border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like San Lorenzo, Zapla, Humahuaca, Cafayete, etc.

CASC 29 10:31:40.7+1.8, 10.16N-86.16W, h23km, 7km, MD3.8
IDC 29 10:31:41.9+3.6, 11.30N-84.74W, h0km, mb3.7/3, mb1.4/1.3, mb1mx3.6/26, mbtmp3.7/3, Error ellipse: s-maj=109.2km s-min=10.9km az=91.0

ISC 29 10:31:41.0+0.3, 10.18N-86.00W, 0.07, h3km, 24km, n21, c094/26, mb3.7/3, 1D, Costa Rica

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Finca Las Im, Bodega del ICE, Buena Vista, etc.

CASC 29 10:34:40.2+3.3, 10.10N-86.03W, h15km, 12km, MD3.8, Off coast of Costa Rica

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Finca Las Im, Bodega del ICE, Buena Vista, etc.

JMA 29 10:35:29.6.0.1, 24.26N, 122.22E, h16km, 2km, M1.9
ISCJB 29 10:35:30.0.6.24, 30N, 0.04, 122.23E, 0.02,
h5km, 10km, Error ellipse: s-maj=7.0km s-min=3.3km
az=164.6

TAP 29 10:35:31.4, 24.33N, 122.15E, h47km, ML2.8, D
ISC 29 10:35:30.2.1.5, 24.32N, 0.05, 122.22E, 0.03, h57km, 15km,
n23, c062/42, Taiwan region

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

ISCJB 29 10:43:53.2.0.6, 25.56N, 0.06, 110.03W, 0.05, h10km,
mb4.2/17, MS3.7/10, Error ellipse: s-maj=8.6km
s-min=5.7km az=23.4

ISC 29 10:43:53.1.0.9, 25.64N, 109.92W, h0km, mb3.8/3,
mb1.4/0.6, mb1mx3.8/43, mbtmp3.6/6, ML3.2/3, MS3.7/14,
Ms1.3/7/14, ms1mx3.5/34, Error ellipse: s-maj=22.6km
s-min=10.6km az=108.0

NEIC 29 10:43:55.0.5, 25.57N, 110.18W, h10km, mb4.2/34,
Error ellipse: s-maj=7.9km s-min=6.1km az=58.0

ISC 29 10:43:55.9.0.9, 25.67N, 107.10W, 0.08W, 0.10, h10km, n88,
c135/80, mb4.1/17, MS3.7/10, Gulf of California

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

P18A Preston Nutter 13.92 359 ePn Pn 10 47 14.1 +0.6
NLU North Lily Min 14.34 354 ePn Pn 10 47 21.4 +2.2
NVAR Mina Aray Bea 14.49 333 ePn Pn 10 47 22.1 +0.8

comp=Z.250mm, 0.2s, baz=160, slow=34
DUG Dugway 14.66 352 ePn Pn 10 47 24.9 +1.4
CMB Columbia Cole 15.10 327 ePn Pn 10 47 29.9 +0.5

8.1mm, 1.4s
BGU Big Grassy Mou 15.41 352 ePn Pn 10 47 33.8 +0.3
ELK Elko 15.63 345 ePn Pn 10 47 36.7 +0.2

CBKS Cedar Bluff 15.74 31 ePn Pn 10 47 40.1 -1.6
HWUT Hardware Ranch 15.94 356 ePn Pn 10 47 41.4 +1.0

HVU Hansel Valley 16.22 353 ePn Pn 10 47 46.9 -0.3
CMIG Matias Romero 16.52 118 Pn Pn 10 47 49.5 -0.9

comp=Z.397mm, 18.1s, baz=269, slow=36
MIAR Mount Ida 16.76 54 ePn Pn 10 47 54.9 +1.6

BW06 Boulder Array 17.06 1 ePn Pn 10 47 54.5 -0.2
KSU1 Kansas State U 17.54 37 ePn Pn 10 48 01.4 -0.2

TPAW Teton Pass 17.79 358 ePn Pn 10 48 04.5 -0.1
HLID Hailey 18.19 350 ePn Pn 10 48 11.0 +2.1

IMW Indian Meadow 18.19 358 ePn Pn 10 48 09.2 +0.1
MFID Camas Ranch 18.31 347 ePn Pn 10 48 12.8 +2.5

FLWY Flagg Ranch 18.37 359 ePn Pn 10 48 11.2 +0.2
J08A Circle Bar Ran 18.93 341 ePn Pn 10 48 17.9 +0.3

YBH Yreka Blue Hor 19.12 330 LR LR 10 54 20.0
QLMT Flagstaff Lake 19.15 357 ePn Pn 10 48 20.6 +0.2

K05A Summer Lake 19.15 353 ePn Pn 10 48 21.6 +0.7
MCMT McKenzie Canyo 19.24 354 ePn Pn 10 48 21.5 0.0

RLMT Red Lodge 19.42 2 ePn Pn 10 48 23.2 -0.3
I07A Izeze 19.90 340 ePn Pn 10 48 28.8 +1.1

BOZ Bozeman (W) 19.97 357 ePn Pn 10 48 29.2 +0.8
LRM Limekiln Ridge 20.20 355 ePn Pn 10 48 31.7 +0.7

G08A Pilot Rock 20.84 342 ePn Pn 10 48 38.1 +0.2
HRY Horner Researc 21.04 357 ePn Pn 10 48 40.6 +0.6

ECSO EROS Data Cent 21.10 28 ePn Pn 10 48 41.9 +1.4
MSO Missoula 21.34 353 ePn Pn 10 48 43.5 +0.4

CHMT Chamberlain Mo 21.35 354 ePn Pn 10 48 43.6 +0.3
SOUT Southern Illin 21.38 51 ePn Pn 10 48 44.1 +0.6

SLMT Seelye Lake 21.70 354 ePn Pn 10 48 49.2 +2.2
WVT Waverly 21.70 56 ePn Pn 10 48 51.4 +4.3

SWMT Swartz Lake 22.01 353 ePn Pn 10 48 50.1 -0.3
JTMT Jette 22.28 353 ePn Pn 10 48 52.8 -0.5

EGMT Eagleton 22.31 1 ePn Pn 10 48 53.5 -0.1
D08A Wolfman Farm, 22.47 344 ePn Pn 10 48 55.0 -0.1

OLIL Olney 22.63 50 ePn Pn 10 48 59.5 +2.5
LON Longmire 23.01 339 ePn Pn 10 49 01.2 +0.2

NEW Newport 23.22 348 P P 10 49 01.0 -2.0
NEW comp=Z.203mm, 21.4s, baz=172, slow=37

NEWB Newburg 23.22 348 ePn Pn 10 49 02.3 -0.8
B08A Colville River 23.73 345 ePn Pn 10 49 03.8 -0.3

TKL Tuckaleechee C 24.65 60 P P 10 49 16.0 -0.8
TKL comp=Z.261mm, 19.0s, baz=254, slow=39

ULM Lac du Bonnet 26.88 20 LR LR 11 00 34.0
BBB Bella Bella 29.79 337 LR LR 11 01 41.5

SADO Sadova 31.38 45 LR LR 11 03 39.6
ROSC El Rosal 40.00 115 LR LR 11 09 42.7

ILAR Alice Springs 45.66 339 P P 10 52 15.9 -0.4
ILAR comp=Z.86mm, 19.6s, baz=136, slow=39

SPITS Spitsbergen Ar 71.88 10 LR LR 11 27 46.2
BDBF Brasilia 73.03 117 LR LR 11 31 38.7

ARCES ARCES Array B 79.83 14 LR LR 11 31 36.8
WRA Warramunga Arr 120.84 261 PKP PKPdf 11 02 49.3 +0.3

ASAR Alice Springs 122.24 257 PKP PKPdf 11 02 51.9 +0.1
IDC 29 10:44:20.4.1.8, 6.87S, 150.67E, h0km, mb3.7/4,
mb1.4/0.5, mb1mx3.6/34, mbtmp3.8/5, ML1.5/1, Error
ellipse: s-maj=95.5km s-min=22.5km az=132.0

ISCJB 29 10:44:21.8.1.5, 7.05S, 150.8E, 0.4, h26km, mb3.6/3,
Error ellipse: s-maj=91.0km s-min=14.2km az=140.2

ISC 29 10:44:23.3.2.1, 6.85S, 0.6, 150.7E, 0.6, h26km, n6, c086/7,
New Britain region

Code Station Name Az Az' Phase ID Time Res ISC
PMG Port Moresby 4.34 233 Op ISC h m s ISC
2.0mm, 0.3s, baz=46, slow=7.1, SNR=4.4

PMG 4.6mm, 0.3s, baz=26, slow=18, SNR=8.1
WRA Warramunga Arr 20.54 229 P P 10 48 59.9 -0.2

ASAR Alice Springs 23.25 222 P P 10 49 28.6 -0.3
FITZ Fitzroy Crossi 26.87 243 P P 10 50 02.2 +0.1

ILAR Elision Array 84.81 22 P P 10 56 56.0 +0.8
TORD Torodi Ar, Bea 148.84 284 PKPb PKPab 11 04 12.3 -1.3

CASC 29 10:44:47.9.3.6, 8.90N, 82.84W, h6km, 12km, MD4.2
ISCJB 29 10:44:48.1.0.8, 8.92N, 0.09, 82.89W, 0.05, h5km, 7km,
Error ellipse: s-maj=17.2km s-min=3.2km az=23.4

ISC 29 10:44:48.0.9, 8.93N, 0.09, 82.81W, 0.04, h16km, 7km,
n14, c1547/23, SC, Panama-Costa Rica border region

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

AZU Azuero 2.76 114 iP Pb 10 45 34.8 -2.1
AZU eS Sb 10 46 10.3 -0.3

PTEN Parque Tenorio 2.78 310 iP Pn 10 45 36.1 -1.3
CUI Cuipilapa 2.88 307 iP Pn 10 45 34.3 +0.9

BCIP Isla Barro Col 2.95 85 iP Pn 10 46 10.8 +3.0
BCIP eS Sb 10 45 35.5 +1.2

MESS Mesas 2.96 308 iP Pn 10 46 09.1 -0.3
CASC 29 10:52:27.4.1.6, 10.24N, 85.72W, h1km, 4km, MD3.5,
1C-10, Costa Rica

Code Station Name Az Az' Phase ID Time Res ISC
LAPC Finca La Perla 0.59 28 iP Pn 10 52 39.9 -0.8

GBS3 Finca Las Im'i 0.59 26 iP Sb 10 52 39.9 -0.8
GBS3 Bodega del ICE 0.62 34 iP Sb 10 52 42.9 -0.5

GBS2 Las Lilas 0.65 24 iP Sb 10 52 40.0 -0.4
GBS2 Limonal 0.65 46 iP Sb 10 52 40.0 -0.4

GB1A Borinquen-Arri 0.65 29 iP Sb 10 52 41.1 -0.5
GB1A Colonia 0.66 50 iP Sb 10 52 41.3 -0.5

CUI Cuipilapa 0.68 53 iP Sb 10 52 41.8 -0.5
CUI Mesas 0.71 46 iP Sb 10 52 42.2 -0.6

MESS Jicaral 0.72 123 eP Pn 10 52 41.9 +0.6
JTS JuntasAbangare 0.76 86 iP Pg 10 52 42.6 +0.6

JTS Alto Masis 0.80 63 iP Pn 10 52 43.7 -0.7
CAO Cabo 0.81 132 iP Pn 10 52 56.0 +0.1

PTEN Parque Tenorio 0.86 57 iP Pn 10 52 55.5 -0.5
BANCA Blanca Lucia 0.92 73 iP Pn 10 52 46.2 -0.6

CASO Castillo 0.99 79 iP Pn 10 52 47.1 -0.4
CEDE Laguna Cede-o 1.03 76 iP Pn 10 52 48.2 0.0

CEDE Cerro Gallo 2 1.26 100 eP Pn 10 52 51.2 -0.5
CGA2 Buena Vista 2.05 109 eP Pn 10 53 04.2 +0.5

ISCJB 29 10:54:01.3.0.8, 56.1S, 0.1, 28.0W, 0.2, h112km, mb4.1/7,
Error ellipse: s-maj=19.1km s-min=8.8km az=37.9

NEIC 29 10:54:02.8.1.9, 56.02S, 27.78W, h14km, 16km, mb4.2/3,
Error ellipse: s-maj=20.4km s-min=9.9km az=60.0

IDC 29 10:54:05.3.8.9, 55.98S, 27.68W, h134km, 81km, mb3.8/6,
mb1.4/0.6, mb1mx3.7/19, mbtmp4.2/6, Error ellipse:
s-maj=32.7km s-min=17.6km az=62.0

ISC 29 10:54:02.8.0.8, 56.0S, 0.1, 27.9W, 0.1, h112km, n16,
c1918/19, mb4.1/6, South Sandwich Islands region

Code Station Name Az Az' Phase ID Time Res ISC
HOPE Hope Point 5.20 286 ePn Pn 10 55 19.5 +1.3

HOPE Neumayer-Watz 17.40 157 P P 10 57 57.2 -0.6
SNAAS Sanza 18.96 156 P P 10 58 14.1 -0.9

SNAAS Sanza 18.96 156 eP P 10 58 13.8 -1.2
PMSA South Pole Qui 18.92 229 P P 10 58 21.3 -0.7

QSPA South Pole Qui 34.25 180 eP P 11 00 38.2 +0.5
QSPA Villa Florida 36.47 312 eP P 11 01 04.7 +2.1

QSPA Villa Florida 36.47 312 eP P 11 01 56.9 +0.1
CPUP Sanza 36.47 312 eP P 11 01 28.8 -0.7

MAW Mawson 40.44 144 P P 11 01 26.9 +0.7
VANDA Vanda 46.61 183 P P 11 02 19.6 +0.7

LPZA La Paz 50.01 306 P P 11 02 47.7 +1.3
TORD Torodi Ar, Bea 73.22 30 P P 11 05 21.3 -0.1

ASAR Alice Springs 99.16 183 P Pdf 11 07 30.6 -1.0
ILAR Elision Array 149.73 312 PKPb PKPbc 11 13 37.7 -0.3

SONM Songo Array 151.14 87 PKPb PKPbc 11 13 40.3 -1.6
KTH Kantishna Hill 151.24 309 ePKPb PKPbc 11 13 41.9 +0.2

BPAW Bear Paw Mtn. 151.38 309 ePKPb PKPbc 11 13 41.8 0.0
IDC 29 11:04:28.7.2.8, 54.14N, 87.72E, h0km, mb1.3/0.2,
mb1mx2.9/7, mbtmp3.0/2, ML2.5/2, Error ellipse:
s-maj=22.4km s-min=16.4km az=53.0

NNC 29 11:04:36.8.4.5, 53.90N, 87.24E, h6km, 19km, mb3.5,
mpv3.1, Error ellipse: s-maj=29.1km s-min=25.4km
az=90.0

ISC 29 11:04:30.3.4.5, 54.2N, 0.2, 87.6E, 0.2, h10km, n7, c0997/8,
4C-3D, Southwestern Siberia

Code Station Name Az Az' Phase ID Time Res ISC
I46RU ZALESOVO INFRA 1.65 261 iP ISC h m s ISC
baz=85, slow=339, SNR=0.2

ZALV Zalevovo Beam 1.65 261 Pn Pn 11 04 58.8 -0.6
ZALV 4.7mm, 0.3s, baz=79, slow=15, SNR=32

KURK Kurchatov 6.51 241 iP Pn 11 06 09.1 +3.1
KURK 1.9mm, 1.0s

KURB Kurchatov Arra 6.61 241 iP Pn 11 06 08.9 +1.4
KURBB 4.3mm, 0.6s

KURB Kurchatov Arra 6.61 241 Pn Pn 11 07 55.8
KURBB 4.7mm, 0.7s

KURB Kurchatov Arra 6.61 241 Pn Pn 11 07 08.3 +0.8
KURBB 0.1mm, 0.3s, baz=56, slow=14, SNR=3.7

KURBB 0.0mm, 0.3s, baz=51, slow=20, SNR=3.7
KURBB 0.1mm, 0.3s, baz=54, slow=33, SNR=8.1

MK31 Makanchi Array 8.17 206 iS Sn 11 08 00.4 -0.9
MK31 0.3mm, 0.3s

MKAR Makanchi Array 8.17 206 Pn Pn 11 06 28.6 -0.3
MKAR 0.1mm, 0.3s, baz=24, slow=14, SNR=2.1

MKAR 0.2mm, 0.3s, baz=27, slow=28, SNR=5.2
MKAR 0.1mm, 0.3s, baz=32, slow=30, SNR=5.4

GUC 29 11:08:04.3.0.4, 33.87S, 71.94W, h34km, 4km, ML3.3
ISC 29 11:08:00.9.4.0, 33.9S, 0.1, 72.2W, 0.2, h30km, 18km, n14,
c1919/16, 1D, Off coast of central Chile

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

Table with columns: Name, Comp, B, S, L, P, Max, Min, etc. Includes entries like ARCES, KRLC, KRALIKY, etc.

Table with columns: Name, Comp, B, S, L, P, Max, Min, etc. Includes entries like BNI, BNL, Bardonecchia, etc.

Table with columns: Name, Comp, B, S, L, P, Max, Min, etc. Includes entries like TPNV, FURC, J26A, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include 633A Saathoff Ranch, 537A Green Hill Far, 733A Divot King Ran, etc.

ROM 29 11:42:51.0, 0.42, 226N-13.34E, h7km, 4km, Md1.5/2, MI1.2/3, Error ellipse: s-maj=3.4km s-min=1.6km az=4.0, Central Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include T0106 Roio Piano, T0104 Madonna delle, T0104 L'Aquila, etc.

DDA 29 11:51:07.9, 38.62N, 39.26E, h7km, MD2.6

ISCJB 29 11:51:12.7, 0.7, 38.59N, 0.05, 38.92E, 0.09, h12km, 11km, Error ellipse: s-maj=13.3km s-min=7.0km az=30.4

CSEM 29 11:51:12.0, 0.3, 38.59N, 38.91E, h10km, MD2.6, Error ellipse: s-maj=7.6km s-min=6.5km az=8.0

ISC 29 11:51:11.4, 0.9, 38.61N, 0.04, 38.96E, 0.04, h18km, 4km, n10, 0.65/18, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include ELZG Elazig, SVRC Svirice-ELAZID, SVRC Svirice-ELAZID, etc.

ISCJB 29 11:57:22.4, 1.2, 34.83S, 0.03, 72.30W, 0.10, h10km, Error ellipse: s-maj=11.4km s-min=4.2km az=177.7

GUC 29 11:57:23.0, 0.5, 34.84S, 0.20, 72.0W, h38km, 2M, 3.7

ISC 29 11:57:22.1, 2.0, 34.83S, 0.04, 72.3W, 0.11, h10km, n18, 0.15/25, Near coast of central Italy

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include TALC Talca, NICH Los Niches, U73B San Pedro, etc.

ROCI El Roble, PEL Peldehue, CANA Cavihue, ARCO CERRO ARCO, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include AUSP Uspallata, ASAL Salagasta, RTLS Leoncito, etc.

DDA 29 12:01:45.9, 39.57N, 33.25E, h6km, MD2.8

ISC 29 12:01:45.6, 39.54N, 33.22E, h13km, MD2.7

ISCJB 29 12:01:46.2, 0.5, 39.50N, 0.03, 33.22E, 0.04, h8km, 4km, Error ellipse: s-maj=5.7km s-min=4.2km az=39.1

CSEM 29 12:01:46.1, 0.2, 39.52N, 33.24E, h8km, MD2.8, Error ellipse: s-maj=4.5km s-min=4.1km az=30.0

ISC 29 12:01:46.2, 0.9, 39.56N, 0.02, 33.24E, 0.02, h6km, 8km, n37, 0.99/52, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include BBAL Bala, AFRS Af-ar-Bala (A), AFRS Af-ar-Bala (A), KAMT Kaman, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include KAMT Kaman, LOD Lodumlu, LOD Lodumlu, etc.

ISK 29 12:05:30.1, 37.64N, 27.62E, h5km, MD2.6

ISCJB 29 12:05:31.8, 0.6, 37.64N, 0.03, 27.61E, 0.06, h21km, 8km, Error ellipse: s-maj=7.8km s-min=5.3km az=13.7

CSEM 29 12:05:31.2, 0.3, 37.64N, 27.67E, h5km, MD2.6, Error ellipse: s-maj=7.2km s-min=4.8km az=81.0

DDA 29 12:05:32.7, 37.56N, 27.63E, h7km, MD2.6

ISC 29 12:05:31.4, 1.0, 37.64N, 0.03, 27.63E, 0.04, h25km, 9km, n19, 0.64/30, Turkey

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

IDC 29 12:07:29.3, 2.2, 37.28N, 140.28E, h0km, mb3.4/2, mb1.3/6/2, mb1mx3.2/25, mbtmp3.4/2, Error ellipse: s-maj=38.3km s-min=35.1km az=32.0

ISCJB 29 12:07:31.5, 0.7, 37.28N, 0.05, 140.04E, 0.04, h12km, 5km, n33, 3/2, Error ellipse: s-maj=7.8km s-min=4.8km az=166.8

JMA 29 12:07:31.7, 37.26N, 140.02E, h7km, 1km, M2.8

ISC 29 12:07:31.2, 1.2, 37.28N, 0.04, 140.06E, 0.04, h10km, 10km, n17, 0.67/19, Eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include JFY Yanaizu, JFT Otama, JFT Otama, etc.

MAT Matsushiro, H1N2 WAKE ISLAND Hy 29.20 119 T, H1N1 WAKE ISLAND Hy 29.21 119 T, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include H1N3 WAKE ISLAND Hy 29.21 119 T, H1S1 WAKE ISLAND Hy 29.31 121 T, etc.

ISCJB 29 12:25:09.8, 0.6, 18.83S, 0.10, 175.56W, 0.10, h10km, mb4/1/4, MS4-2/1, Error ellipse: s-maj=17.3km s-min=7.9km az=137.5

IDC 29 12:25:09.5, 0.8, 18.64S, 175.48W, h0km, mb4.2/1/1, Mb1.4/4/1, mb1mx3.4/25, mbtmp4.2/13, ML3.6/2, MS4.2/17, Mb1.4/2/17, mb1mx1.1/19, Error ellipse: s-maj=32.8km s-min=16.9km az=143.0

GCMT 29 12:25:14.7, 0.2, 18.64S, 175.51W, h14km, 1km, MW5.0/89, Moment Tensor Solution, s38, c49, s89, c133, Duration: 0 Moment tensor: Scale 10^18Nm; Mr=0.66; 14; Mw=0.40; 22; Ms=1.06; 12; M0=0.41; 25; Ms=3.90; 11; Mw=0.20; 22; Best double couple: M3.90000*10^16 Np1.95, 0.00000*1.89, 0.00000*1.74, 0.00000* -NP2; q=185, 0.00000* 384, 0.00000* 1.0, 0.00000* - Principal axes: T 4.3320, P1q5, 0.00000* Azm50, 0.00000* - N - 0.6840, P1q4, 0.00000* Azm268, 0.00000* P - 3.6480, P1q4, 0.00000* Azm140, 0.00000*; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 29 12:25:14.7, 0.5, 18.72S, 175.53W, h35km, mb4.8/4 Error

ellipse: s-maj=13.6km s-min=9.6km az=146.0

ISC 29 12:25:10.7, 0.8, 18.7S, 0.2, 175.44W, 0.1, h10km, n39, 0.19/23, mb4.3/14, MS4.1/15, Tonga Islands

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

ISCJB 29 12:27:41.3, 0.2, 56.61N, 0.02, 122.09W, 0.05, h3km, mb3.6/9, Error ellipse: s-maj=3.7km s-min=2.8km az=7.7

PGC 29 12:27:44.7, 0.0, 56.63N, 122.21W, h1km, ML4.2/8, Mw4.0, 94km WNW of Fort St. John, Br British Columbia

NEIC 29 12:27:44.7, 5.6/63N, 122.21W, h1km, mb3.8/5, MW4.0(OTT), After OTT.

IDC 29 12:27:44.9, 0.9, 56.63N, 121.43W, h0km, mb3.6/5, mb1.4/0/8, mb1mx3.7/48, mbtmp3.7/8, ML3.7/3, Error ellipse: s-maj=23.7km s-min=16.1km az=84.0

ISC 29 12:27:43.0, 0.5, 56.53N, 0.03, 122.14W, 0.03, h3km, n97, 0.29/135, mb3.8/9, British Columbia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Rows include WAPA Wapiti River, WAPA Wapiti River, WAPA Wapiti River, etc.

ISCJB 29 12:27:43.0, 0.5, 56.53N, 0.03, 122.14W, 0.03, h3km, n97, 0.29/135, mb3.8/9, British Columbia

ISC 29 12:27:43.0, 0.5, 56.53N, 0.03, 122.14W, 0.03, h3km, n97, 0.29/135, mb3.8/9, British Columbia

ISC 29 12:27:43.0, 0.5, 56.53N, 0.03, 122.14W, 0.03, h3km, n97, 0.29/135, mb3.8/9, British Columbia

ISC 29 12:27:43.0, 0.5, 56.53N, 0.03, 122.14W, 0.03, h3km, n97, 0.29/135, mb3.8/9, British Columbia

ISC 29 12:27:43.0, 0.5, 56.53N, 0.03, 122.14W, 0.03, h3km, n97, 0.29/135, mb3.8/9, British Columbia

ISC 29 12:27:43.0, 0.5, 56.53N, 0.03, 122.14W, 0.03, h3km, n97, 0.29/135, mb3.8/9, British Columbia

ISC 29 12:27:43.0, 0.5, 56.53N, 0.03, 122.14W, 0.03, h3km, n97, 0.29/135, mb3.8/9, British Columbia

ISC 29 12:27:43.0, 0.5, 56.53N, 0.03, 122.14W, 0.03, h3km, n97, 0.29/135, mb3.8/9, British Columbia

ISC 29 12:27:43.0, 0.5, 56.53N, 0.03, 122.14W, 0.03, h3km, n97, 0.29/135, mb3.8/9, British Columbia

ISC 29 12:27:43.0, 0.5, 56.53N, 0.03, 122.14W, 0.03, h3km, n97, 0.29/135, mb3.8/9, British Columbia

ISC 29 12:27:43.0, 0.5, 56.53N, 0.03, 122.14W, 0.03, h3km, n97, 0.29/135, mb3.8/9, British Columbia

ISC 29 12:27:43.0, 0.5, 56.53N, 0.03, 122.14W, 0.03, h3km, n97, 0.29/135, mb3.8/9, British Columbia

ISC 29 12:27:43.0, 0.5, 56.53N, 0.03, 122.14W, 0.03, h3km, n97, 0.29/135, mb3.8/9, British Columbia

ISC 29 12:27:43.0, 0.5, 56.53N, 0.03, 122.14W, 0.03, h3km, n97, 0.29/135, mb3.8/9, British Columbia

ISC 29 12:27:43.0, 0.5, 56.53N, 0.03, 122.14W, 0.03, h3km, n97, 0.29/135, mb3.8/9, British Columbia

ISC 29 12:27:43.0, 0.5, 56.53N, 0.03, 122.14W, 0.03, h3km, n97, 0.29/135, mb3.8/9, British Columbia

ISC 29 12:27:43.0, 0.5, 56.53N, 0.03, 122.14W, 0.03, h3km, n97, 0.29/135, mb3.8/9, British Columbia

ISC 29 12:27:43.0, 0.5, 56.53N, 0.03, 122.14W, 0.03, h3km, n97, 0.29/135, mb3.8/9, British Columbia

ISC 29 12:27:43.0, 0.5, 56.53N, 0.03, 122.14W, 0.03, h3km, n97, 0.29/135, mb3.8/9, British Columbia

ISC 29 12:27:43.0, 0.5, 56.53N, 0.03, 122.14W, 0.03, h3km, n97, 0.29/135, mb3.8/9, British Columbia

ISC 29 12:27:43.0, 0.5, 56.53N, 0.03, 122.14W, 0.03, h3km, n97, 0.29/135, mb3.8/9, British Columbia

ISC 29 12:27:43.0, 0.5, 56.53N, 0.03, 122.14W, 0.03, h3km, n97, 0.29/135, mb3.8/9, British Columbia

ISC 29 12:27:43.0, 0.5, 56.53N, 0.03, 122.14W, 0.03, h3km, n97, 0.29/135, mb3.8/9, British Columbia

ISC 29 12:27:43.0, 0.5, 56.53N, 0.03, 122.14W, 0.03, h3km, n97, 0.29/135, mb3.8/9, British Columbia

ISC 29 12:27:43.0, 0.5, 56.53N, 0.03, 122.14W, 0.03, h3km, n97, 0.29/135, mb3.8/9, British Columbia

ISC 29 12:27:43.0, 0.5, 56.53N, 0.03, 122.14W, 0.03, h3km, n97, 0.29/135, mb3.8/9, British Columbia

Table with columns: Code, Station Name, Az, El, P, Pmax, SNR, etc. Includes stations like KRLC, ULM, SRU, BRG, CLL, KHC, GERES, BFO, ANMO, TXAR, LPAZ.

SJA 29 16:29:39.5:1.4, 36.105:70.82W, h258km, 31km, ML6.1
BUJ 29 16:29:49.9, 34.805:71.60W, h44km, mb5.0/5, Ms5.1/1,
M57 4.9/1
NEIC 29 16:29:49.0, 34.805:71.80W, h51km, mb4.9/29, After
GUC.
NEIC Felt [V] at Curico, Iloca, Molina, Navidad, Paredones,
Rancagua, San Javier, San Vicente and Talca; [IV] at
Cauquenes, Constitucion, Linares, Longavi, Los Quenes,
Pencahue, Pichilemu, San Clemente, San Fernando, San
Francisco, Santa Cruz and Santiago; [III] in Cordillera and
at Algarrobo, Casablanca, Chimbarongo, Colbun, Hijuelas,
Lolol, Maipo, Melipilla, Quilota, San Antonio, Talagante,
Valparaiso and Vina del Mar. Also felt at Buin, Colina,
Penafol, Puente Alto, Quilpe and Villa Alemana.
GCMT 29 16:29:49.0, 34.805:71.75W, h57km, mb4.9/29, After
Moment Tensor Solution. s42,c57; s44,c59; Duration:
0 Moment tensor: Scale 10^19Nm; Mr3.32±.30;
Mw-0.63±.26; Mw-2.69±.29; Mw0.60±.17; Mw-2.83±.21;
Ms-2.20±.26; Best double couple: M=4.73300x10^16
NP1: 0.190, 0.00000, 0.861, 0.00000, 0.58, 0.00000. NP2:
0.62, 0.00000, 0.42, 0.00000, 0.134, 0.00000. Principal axes: T
4.5190, P16.0, N206.00000, Azm51.0000, N 0.4250,
P128.0000, Azm206.0000; P -4.9460, P111.0000,
Azm302.0000; nst21 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s.
GUC 29 16:29:49.1:0.6, 34.805:71.80W, h51km, ML5.6
ISCJB 29 16:29:50.1:0.4, 34.835:0.03:71.75W, 0.6, h60km, 4km,
mb4.8/42, MS4.4/2, Error ellipse: s-maj=8.9km
s-min=4.5km az=15.0
IDC 29 16:29:50.3:0.6, 34.765:71.64W, h45km, 5km, mb4.6/13,
mb1.4/7/16, mb1mx4.6/21, mbmp4.8/16, ML4.6/3, MS4.4/5,
Ms1.4/4/5, ms1mx4.0/20, Error ellipse: s-maj=17.9km
s-min=13.4km az=94.0
ISC 29 16:29:50.4:0.5, 34.855:0.04:71.72W, 0.07, h51km, 4km,
h51km; P-P, N435, s1909/459, mb4.8/42, 1C-2D, Near
coast of central Chile

Table with columns: Code, Station Name, Az, El, P, Pmax, SNR, etc. Includes stations like NICH, TALC, U73B, U73B, U73B, RCDM, ANTU, SAN, LACH, CLCH, PEL, ROCH, CFAA, AVFE, LCO, ALC, VCA, VCA, VCA, AHML, FSA, LVC, LVC, LVC, CPUP, CPUP.

Table with columns: Code, Station Name, Az, El, P, Pmax, SNR, etc. Includes stations like LPAZ, USHA, SIV, SAML, BDFB, BDFB, OTAV, ROSC, SDV, RCRB, VNA1, VNA2, SNA, SNA, CRPR, OBIP, CELP, LRS, VNA, SYO, SYO, 035A, 034A, TIGA, 934A, 933A, 835A, 834A, 736A, 735A, 833A, 832A, 734A, 636A, 733A, 635A, 732A, 438A, 535A, 633A, 340A, 632A, 534A, 436A, 631A, 338A, 533A, 435B, 239A, 239A, 434A, 336A, 335A, 531A, 531A, 433A, 334A, 530A, 432A, TXAR, 431A, 333A, 529A, WHTX, 137A, Z39A, SWET, OXF, 332A, 234A, 429A, 331A, 233A, 135A, 232A, 134A, 330A, Y38A, 133A, 329A, 230A.

Table with columns: Code, Station Name, Az, El, P, Pmax, SNR, etc. Includes stations like Z35A, MIAR, Y37A, ABTX, Y36A, Z34A, WVT, Y35A, MAW, 131A, Z33A, Y35A, X38A, 130A, Z32A, X37A, Z32A, Y34A, W38A, X36A, X35A, Z31A, Y33A, W37A, 128A, Z30A, Y32A, X34A, W36A, Z29A, MNTX, GD2L, X33A, Y38A, X31A, W35A, X32A, Y30A, Z28A, Y37A, WMOK, Y36A, W34A, Y34A, TUL1, W33A, U38A, X31A, Y35A, X30A, U37A, W32A, Y34A, V34A, MSTX, X29A, W31A, Y33A, U35A, Y32A, T37A, U34A, T36A, V31A, W29A, T35A, U33A, 121A, DBIC, U32A, V30A, S37A, S36A, S35A, T33A, R37A, S34A, U30A, T32A, V27A, R36A, S33A.

29d 16h

Table with columns: LPM, Name, Time, Frequency, Modulation, and other technical details. Includes entries like Los Pinos Moun, Scholer Farm, Emporia Munici, etc.

2010 SEP

Table with columns: Call Sign, Name, Time, Frequency, Modulation, and other technical details. Includes entries like Creekview Farm, Turquoise Moun, McRoberts Ranc, etc.

1386

Table with columns: Call Sign, Name, Time, Frequency, Modulation, and other technical details. Includes entries like Teton Pass, Ashes, Strandq, Miller Ranch, etc.

Table with columns for station ID, frequency, and various signal quality metrics. Includes stations like NJ2, TARA, UTHA, KSWAN, etc.

Table with columns for station ID, frequency, and various signal quality metrics. Includes stations like KMI, KMSR, KSRK, etc.

Table with columns for station ID, frequency, and various signal quality metrics. Includes stations like USRK, CN2, ASAJ, etc.

BRVK	Borovoye	78.45 327 P	P	17 22 51.9 +0.1	COLA	comp=Z,35nm,0.8s	pmx	pmx	ANN	Anapa	97.97 314 eP	P	17 24 25.4 -1.8	
BRVK	Borovoye	78.45 327 P	P	17 22 51.5 -0.3	COLA	College	89.49 25 eP	P	17 23 48.0 +0.2	ANN	ANN		17 24 59.9	
BRVK	Borovoye	78.45 327 eP	P	17 22 50.7 -1.1	DIV	Divide	89.66 29 eP	P	17 23 49.4 +0.6	ANN	comp=E,25nm,1.0s	pmx	pmx	
JMDO	Jabal Madar	78.72 294 P	P	17 22 57.4 +3.3	ILAR	Eielsen Array	89.87 25 eP	P	17 23 47.6 -2.0	ANN	comp=Z,101nm,1.0s	pmx	pmx	
FALS	False Pass	78.81 32 eP	P	17 22 54.4 +0.7	ILAR	comp=Z,2.4nm,0.8s,baz=59,slow=3.1,SNR=43			17 23 47.6 -2.0	ANN	comp=N,23nm,1.0s	pmx	pmx	
SMDO	Samad	78.90 295 P	P	17 22 55.5 +0.4	ILAR	Eielsen Array	89.87 25 P	P	17 23 47.6 -2.0	ANN	comp=E,81nm,5.2s	pmx	pmx	
IDAH	Dahanechah	79.25 304 eP	P	17 22 56.6 -0.4	ILAR	Eielsen Array	89.87 25 P	P	17 23 47.6 -2.0	ANN	comp=Z,333nm,10.4s	pmx	pmx	
GAMB	Gambell	79.58 22 eP	P	17 23 00.0 +2.3	PAX	Paxson	90.14 27 eP	P	17 23 52.4 +1.3	ANN	comp=N,167nm,10.4s	pmx	pmx	
HOQ	Hoqain	79.66 295 P	P	17 22 59.4 +0.3	PAX	Paxson	90.14 27 eP	P	17 23 52.4 +1.3	DARE	Darende-Malaty	97.98 308 eP	Pdf	17 24 28.1 +0.4
IMYA	Miami	79.89 308 eP	P	17 22 59.1 -1.3	PAX	Paxson	90.14 27 eP	P	17 23 52.4 +1.3	OBN	Obninsk	96.15 325 d/P	P	17 24 27.2 -0.6
IKOO	Kooshah	79.90 304 eP	P	17 22 59.9 -0.7	PAX	Paxson	90.14 27 eP	P	17 23 52.4 +1.3	OBN	Obninsk	96.15 325 d/P	P	17 28 23.8
ITEG	Tejag	80.21 304 eP	P	17 23 02.0 -0.1	BMRM	Bremner River	90.19 29 eP	P	17 23 51.5 +0.2	OBN	Obninsk	98.15 325 eP	P	17 24 26.0 -1.8
ARQ	Araji	80.33 295 P	P	17 23 02.8 +0.1	RAYN	Ar Rayn	90.39 293 P	P	17 23 52.0 -1.1	APA	Apaitity	98.49 338 i/P	Pdf	17 24 31.0 +1.9
SHAO	Shalim	80.33 298 P	P	17 23 05.7 +2.8	RAYN	Ar Rayn	90.39 293 eP	P	17 23 51.9 -1.1	APA	comp=Z,76nm,1.4s	MLR	MLR	
ISRO	Mashad	80.38 308 eP	P	17 23 02.0 -0.9	MAK	Makhachkala	90.61 313 eP	P	17 23 49.0 -4.6	POGA	Pongola	98.53 242 eP	IAMS_20	17 24 29.2 -1.0
IMOG	Moghan	80.44 308 eP	P	17 23 03.1 -0.4	MAK	Makhachkala	90.61 313 eP	P	17 23 49.0 -4.6	POGA	Pongola	98.53 242 eP	IAMS_20	17 53 09.7
SDPT	Sand Point	80.55 32 eP	P	17 23 02.7 -0.5	DAMY	Dhamar	90.66 284 P	P	17 23 55.0 +0.2	SNA	Sanae	98.53 193 P	P	17 24 29.1 -0.3
IPAY	Paveh	80.79 308 eP	P	17 23 04.5 -0.8	DAMY	Dhamar	90.66 284 eP	P	17 23 56.0 +1.3	SNA	Sanae	98.53 193 PKKPbc	P	17 41 01.4 -0.4
UOSS	Wadi Hillu	80.88 296 P	P	17 23 05.0 -0.7	DAMY	Dhamar	90.66 284 eP	P	17 23 56.0 +1.3	SNA	Sanae	98.53 193 PKKPbc	P	17 24 28.4 -1.0
CRZF	Crozet Islands	80.91 224 P	P	17 23 20.0 +1.5	DOT	Dot Lake	90.88 26 eP	P	17 23 54.9 +0.4	SNA	Sanae	98.53 193 eP	P	17 24 28.4 -1.0
CRZF	Crozet Islands	80.91 224 P	P	17 23 20.0 +1.5	MENT	Mentasta	90.92 27 eP	P	17 23 55.5 +0.9	SNA	Sanae	98.53 193 eP	P	17 24 28.4 -1.0
HATD	Hatta, Dubai	80.93 296 P	P	17 23 08.9 +3.0	MENT	Botlikh	91.52 313 eP	P	17 23 59.1 +1.2	SNA	Sanae	98.53 193 eP	P	17 24 28.4 -1.0
HATD	Hatta, Dubai	80.93 296 i/P	P	17 23 05.5 -0.4	BTLR	BTLR				SNA	Sanae	98.53 193 eP	P	17 24 28.4 -1.0
BANOM	Banah	80.96 297 P	P	17 23 09.5 +3.3	DGRG	David-gareji	92.05 311 P	P	17 23 59.7 -0.7	SNA	Sanae	98.53 193 eP	P	17 24 28.4 -1.0
BANOM	Banah	80.96 297 i/P	P	17 23 06.2 +0.1	DGRG	David-gareji	92.05 311 P	P	17 23 59.7 -0.7	SNA	Sanae	98.53 193 eP	P	17 24 28.4 -1.0
ASHO	Ashtiyah	80.97 296 P	P	17 23 09.0 +2.8	EGAK	Eagle	92.29 25 eP	P	17 24 01.2 +0.3	SNA	Sanae	98.53 193 eP	P	17 24 28.4 -1.0
ASHO	Ashtiyah	80.97 296 i/P	P	17 23 05.7 -0.5	GNI	Garni	92.42 310 eP	P	17 24 03.0 +0.7	SNA	Sanae	98.53 193 eP	P	17 24 28.4 -1.0
IAKL	Akhelmad	81.01 308 eP	P	17 23 05.7 -0.7	GNI	Garni	92.42 310 eP	P	17 24 03.0 +0.7	SNA	Sanae	98.53 193 eP	P	17 24 28.4 -1.0
IKRD	Kardesh	81.24 308 eP	P	17 23 02.9 -4.7	GNI	Garni	92.42 310 i/P	P	17 24 01.6 -0.7	SNA	Sanae	98.53 193 eP	P	17 24 28.4 -1.0
ITEMG	Emangholi	81.27 308 eP	P	17 23 07.6 -0.3	GNI	Garni	92.42 310 i/P	P	17 24 01.6 -0.7	SNA	Sanae	98.53 193 eP	P	17 24 28.4 -1.0
NAZ	Nazwa, Dubai	81.38 296 P	P	17 23 08.1 -0.1	GNI	Garni	92.42 310 eP	P	17 24 04.3 +2.0	SNA	Sanae	98.53 193 eP	P	17 24 28.4 -1.0
NAZ	Nazwa, Dubai	81.38 296 i/P	P	17 23 07.6 -0.7	GNI	Garni	92.42 310 eP	P	17 24 04.3 +2.0	SNA	Sanae	98.53 193 eP	P	17 24 28.4 -1.0
FAQ	Al Faqa, Dubai	80.94 296 i/P	P	17 23 07.9 -0.5	TBLG	Delisi	92.54 311 eP	P	17 24 02.6 0.0	SNA	Sanae	98.53 193 eP	P	17 24 28.4 -1.0
ASHT	Ashtiyah	81.60 309 P	P	17 23 10.2 +1.0	TBLG	Delisi	92.54 311 eP	P	17 24 02.6 0.0	SNA	Sanae	98.53 193 eP	P	17 24 28.4 -1.0
ASHT	Ashtiyah	81.60 309 i/P	P	17 23 05.7 -0.5	TBLG	Delisi	92.54 311 eP	P	17 24 02.6 0.0	SNA	Sanae	98.53 193 eP	P	17 24 28.4 -1.0
RBK	Rabkut	81.60 288 P	P	17 23 09.7 0.0	DUS	Dusheti	92.60 312 P	P	17 24 05.0 +2.1	SNA	Sanae	98.53 193 eP	P	17 24 28.4 -1.0
ASUD	Al Ashush, Dub	81.61 296 P	P	17 23 10.1 +0.5	DUS	Dusheti	92.60 312 P	P	17 24 05.0 +2.1	SNA	Sanae	98.53 193 eP	P	17 24 28.4 -1.0
ASUD	Al Ashush, Dub	81.61 296 i/P	P	17 23 09.4 -0.2	CLDR	Caldiran	92.98 309 eP	P	17 24 00.1 -4.9	SNA	Sanae	98.53 193 eP	P	17 24 28.4 -1.0
ISFR	Sfrayin	81.70 308 eP	P	17 23 10.0 -0.1	DAWY	Dawson	92.98 26 eP	P	17 24 04.8 +0.6	SNA	Sanae	98.53 193 eP	P	17 24 28.4 -1.0
ABKT	Aibek	81.80 309 eP	P	17 23 10.1 -0.2	CUKT	Cukurca	93.10 307 eP	P	17 24 05.0 -0.4	SNA	Sanae	98.53 193 eP	P	17 24 28.4 -1.0
GEYT	Ailbeck	81.80 309 eP	P	17 23 09.9 -0.4	ZEI	Tsey	93.24 312 eP	P	17 24 03.9 -2.1	SNA	Sanae	98.53 193 eP	P	17 24 28.4 -1.0
TNA	Tin City	81.92 21 eP	P	17 23 11.4 +1.1	ZEI	Tsey	93.24 312 eP	P	17 24 03.9 -2.1	SNA	Sanae	98.53 193 eP	P	17 24 28.4 -1.0
CHGN	Chignik	81.99 31 eP	P	17 23 10.1 -0.7	AKH	Akhalkalaki	93.45 311 eP	P	17 24 09.1 +2.0	SNA	Sanae	98.53 193 eP	P	17 24 28.4 -1.0
ABTO	Aybut	82.44 288 P	P	17 23 13.6 -0.5	AKH	Akhalkalaki	93.45 311 eP	P	17 24 07.9 +0.9	SNA	Sanae	98.53 193 eP	P	17 24 28.4 -1.0
AB31	Akbulak array	83.28 321 P	P	17 23 15.9 -1.8	AKH	Akhalkalaki	93.45 311 eP	P	17 24 08.7 +1.7	SNA	Sanae	98.53 193 eP	P	17 24 28.4 -1.0
AB31	Akbulak array	83.28 321 P	P	17 23 15.9 -1.8	AKH	Akhalkalaki	93.45 311 eP	P	17 24 08.7 +1.7	SNA	Sanae	98.53 193 eP	P	17 24 28.4 -1.0
ABKAR	Akbulak array	83.28 321 eP	P	17 23 16.2 -1.5	AKH	Akhalkalaki	93.45 311 eP	P	17 24 08.7 +1.7	SNA	Sanae	98.53 193 eP	P	17 24 28.4 -1.0
IMEH	Melhi	83.36 302 eP	P	17 23 16.1 -2.7	AKH	Akhalkalaki	93.45 311 eP	P	17 24 08.7 +1.7	SNA	Sanae	98.53 193 eP	P	17 24 28.4 -1.0
ISAD	Sadrabad	84.23 303 eP	P	17 23 22.3 -1.0	AKH	Akhalkalaki	93.45 311 eP	P	17 24 08.7 +1.7	SNA	Sanae	98.53 193 eP	P	17 24 28.4 -1.0
ISRV	Sarvestan	84.32 300 eP	P	17 23 22.4 -1.5	NCK	Nalchik	93.50 313 i/P	P	17 24 08.1 +1.1	SNA	Sanae	98.53 193 eP	P	17 24 28.4 -1.0
IPAR	Pars	84.44 301 eP	P	17 23 23.9 -0.6	ONI	Oni	93.55 312 P	P	17 24 06.0 -1.3	SNA	Sanae	98.53 193 eP	P	17 24 28.4 -1.0
AKTO	Aktyubinsk	84.78 322 P	P	17 23 24.3 -1.1	ONI	Oni	93.55 312 P	P	17 24 06.0 -1.3	SNA	Sanae	98.53 193 eP	P	17 24 28.4 -1.0
AKTO	Aktyubinsk	84.78 322 P	P	17 23 24.3 -1.1	AGRB	Hanur-Agry	93.73 309 eP	P	17 24 07.9 +2.5	SNA	Sanae	98.53 193 eP	P	17 24 28.4 -1.0
IGLO	Ghalogh	84.88 307 eP	P	17 23 25.4 -1.0	GOF	Golitskoye	93.99 313 eP	P	17 24 10.2 -1.9	SNA	Sanae	98.53 193 eP	P	17 24 28.4 -1.0
OHAK	Old Harob	84.96 31 eP	P	17 23 27.4 +1.3	KBZ	Khabaz	94.02 313 P	P	17 24 08.0 -1.3	SNA	Sanae	98.53 193 eP	P	17 24 28.4 -1.0
SVE	Sverdlovsk	84.98 328 eP	P	17 23 24.9 -1.3	KBZ	Khabaz	94.02 313 P	P	17 24 08.0 -1.3	SNA	Sanae	98.53 193 eP	P	17 24 28.4 -1.0
SVE	Sverdlovsk	84.98 328 eP	P	17 23 24.9 -1.3	KBZ	Khabaz	94.02 313 P	P	17 24 08.0 -1.3	SNA	Sanae	98.53 193 eP	P	17 24 28.4 -1.0
QSPA	South Pole Qui	85.04 180 PKKPbc	P	17 49 37.4 -3.1	SIRT	Sirnak	94.05 307 eP	P	17 24 16.3 +6.6	SNA	Sanae	98.53 193 eP	P	17 24 28.4 -1.0
QSPA	South Pole Qui	85.04 180 eP	P	17 23 25.4 -1.1	NEY	Neytrino	94.12 313 i/P	P	17 24 11.6 +1.5	SNA	Sanae	98.53 193 eP	P	17 24 28.4 -1.0
QSPA	South Pole Qui	85.04 180 eP	P	17 23 25.4 -1.1	NEY	Neytrino	94.12 313 i/P	P	17 24 11.6 +1.5	SNA	Sanae	98.53 193 eP	P	17 24 28.4 -1.0
QSPA	South Pole Qui	85.04 180 eP	P	17 23 25.4 -1.1	NEY	Neytrino	94.12 313 i/P	P	17 24 11.6 +1.5	SNA	Sanae	98.53 193 eP	P	17 24 28.4 -1.0
QSPA	South Pole Qui	85.04 180 eP	P	17 23 25.4 -1.1	NEY	Neytrino	94.12 313 i/P	P	17 24 11.6 +1.5	SNA	Sanae	98.53 193 eP	P	17 24 28.4 -1.0
QSPA	South Pole Qui	85.04 180 eP	P	17 23 25.4 -1.1	NEY	Neytrino	94.12 313 i/P	P	17 24 11.6 +1.5	SNA	Sanae	98.53 193 eP	P	17 24 28.4 -1.0
QSPA	South Pole Qui	85.04 180 eP	P	17 23 25.4 -1.1	NEY	Neytrino	94.12 313 i/P	P	17 24 11.6 +1.5	SNA	Sanae	98.53 193 eP	P	17 24 28.4 -1.0
QSPA	South Pole Qui	85.04 180 eP	P	17 23 25.4 -1.1	NEY	Neytrino	94.12 313 i/P	P	17 24 11.6 +1.5	SNA	Sanae	98.53 193 eP	P	17 24 28.4 -1.0
QSPA	South Pole Qui	85.04 180 eP	P	17 23 25.4 -1.1	NEY	Neytrino	94.12 313 i/P	P	17 24 11.6 +1.5	SNA	Sanae	98.53 193 eP	P	17 24 28.4 -1.0
QSPA	South Pole Qui	85.04 180 eP	P	17 23 25.4 -1.1	NEY	Neytrino	94.12 313 i/P	P	17 24 11.6 +1.5	SNA	Sanae	98.53 193 eP	P	17 24 28.4 -1.0
QSPA	South Pole Qui	85.04 180 eP	P	17 23 25.4 -1.1	NEY	Neytrino	94.12 313 i/P	P	17 24 11.6 +1.5					

Table with columns: Name, Date, Time, Az, El, Status, etc. Includes entries like BOSA Boshof, BOSA Boshof, BOSA Boshof, etc.

Table with columns: Name, Date, Time, Az, El, Status, etc. Includes entries like BFSC Mount Baldy Ra, MFID Camas Ranch, IDI Anoyia, etc.

Table with columns: Name, Date, Time, Az, El, Status, etc. Includes entries like CLL Tsumeb, TSUM Tsumeb, SRU San Rafael, etc.

I27A	Quinn	117.52	42	P	PKPdf	17 29 39.9	+2.6
MDND	Maddock	117.58	38	P	PKPdf	17 29 40.0	+2.8
F28A	McLaughlin	117.66	40	P	PKPdf	17 29 39.3	+1.9
M26A	McRoberts Ranc	117.68	45	P	PKPdf	17 29 40.6	+2.9
J27A	Elkhorn Farm,	117.85	43	P	PKPdf	17 29 41.4	+3.4
A30A	Hoffart Farm,	117.87	36	P	PKPdf	17 29 40.8	+3.1
K27A	Fluckinger Fa	117.89	44	P	PKPdf	17 29 40.6	+2.6
G28A	Parade	117.89	41	P	PKPdf	17 29 40.6	+2.7
D29A	Pettibone, Tap	117.92	38	P	PKPdf	17 29 41.1	+3.2
O26A	Horse Wrangler	117.96	47	P	PKPdf	17 29 39.9	+1.6
L27A	Mission Ridge	117.98	41	P	PKPdf	17 29 40.7	+2.6
H28A	75 Ranch, Ellis	118.05	44	P	PKPdf	17 29 40.7	+2.3
T25A	Trinidad	118.07	50	P	PKPdf	17 29 40.8	+2.1
B30A	Myrvik Farm, E	118.08	37	P	PKPdf	17 29 39.6	+1.5
E29A	Napoleon	118.10	39	P	PKPdf	17 29 39.7	+1.4
I28A	Midland	118.14	42	P	PKPdf	17 29 39.9	+1.5
P26A	Davis Ranch, A	118.15	47	P	PKPdf	17 29 39.9	+1.2
M27A	Reverse DX Ran	118.20	45	P	PKPdf	17 29 39.7	+1.1
Q26A	Hugo	118.22	48	P	PKPdf	17 29 40.0	+1.1
F29A	Eureka	118.29	40	P	PKPdf	17 29 38.3	-0.3
J28A	Allard Ranch,	118.31	43	P	PKPdf	17 29 39.7	+0.9
C30A	Mose, Pekin	118.33	37	P	PKPdf	17 29 38.4	-0.3
N27A	Anderson Farm,	118.33	46	P	PKPdf	17 29 39.3	+0.3
D30A	Buchanan	118.42	38	P	PKPdf	17 29 39.9	+1.1
R26A	Arlington	118.46	49	P	PKPdf	17 29 41.7	+2.4
K28A	Ten Mile Ranch	118.49	43	P	PKPdf	17 29 40.5	+1.3
G29A	Hoven	118.49	40	P	PKPdf	17 29 40.2	+1.2
B31A	Greenbush Farm	118.50	36	P	PKPdf	17 29 40.1	+1.2
A31A	Linda, St. Vin	118.53	36	P	PKPdf	17 29 40.4	+1.5
H29A	Onida	118.53	41	P	PKPdf	17 29 40.4	+1.3
O27A	Beecher Island	118.58	47	P	PKPdf	17 29 40.5	+1.1
E30A	Jud	118.59	39	P	PKPdf	17 29 40.5	+1.3
ULM	Lac du Bonnet	118.63	34	PKP	PKPdf	17 29 38.0	-1.1
ULM	comp=Z,1.4nm,0.9s,baz=0.3,slow=3.2,SNR=7.4			PKP	PKPbcb	17 29 56.4	-0.6
L28A	Connealy Angus	118.64	44	P	PKPdf	17 29 42.0	+2.5
S26A	Kim	118.65	50	P	PKPdf	17 29 40.2	+0.5
MNTX	Cornudas Mount	118.66	57	ePKPdf	PKPdf	17 29 39.6	-0.1
T26A	Comanche Natio	118.69	50	P	PKPdf	17 29 40.4	+0.5
I29A	Vivian Onida	118.71	42	P	PKPdf	17 29 40.4	+0.9
P27A	Ficken Ranch,	118.72	47	P	PKPdf	17 29 40.3	+0.6
C31A	Landman Farms,	118.73	37	P	PKPdf	17 29 40.4	+1.0
F30A	Leola	118.80	39	P	PKPdf	17 29 40.8	+1.2
K30A	Kaye Shedlock	118.85	48	P	PKPdf	17 29 40.8	+0.8
J29A	Okreek	118.93	42	P	PKPdf	17 29 41.3	+1.4
R27A	Eads	118.95	49	P	PKPdf	17 29 41.5	+1.3
M28A	Bar X Bar Ranc	118.96	45	P	PKPdf	17 29 42.2	+2.1
G30A	Faulkton	119.02	40	P	PKPdf	17 29 40.5	+0.5
S27A	Las Animas	119.06	49	P	PKPdf	17 29 41.5	+1.0
D31A	McClaffin, Tow	119.08	38	P	PKPdf	17 29 40.8	+0.8
EKA	Eskdalemir Ar	119.08	334	PKP	PKPbcb	17 29 54.8	-0.8
NEA	Pribbeno Ranch	119.09	46	P	PKPdf	17 29 41.6	+1.2
BNI	Bardonecchia	119.10	320	ePKP	PKPdf	17 29 40.4	0.0
BNJ	Bardonecchia	119.10	320	ePKP	PKPdf	17 29 40.4	0.0
O28A	Krutsinger Ran	119.11	46	P	PKPdf	17 29 41.6	+1.1
B32A	Ashes, Strandq	119.16	36	P	PKPdf	17 29 41.2	+1.0
K29A	Lazy Trails An	119.19	43	P	PKPdf	17 29 41.5	+1.1
E31A	Nome	119.20	38	P	PKPdf	17 29 40.9	+0.6
F31A	Hecla	119.28	39	P	PKPdf	17 29 41.6	+1.1
P28A	Saint Francis	119.31	47	P	PKPdf	17 29 41.4	+0.6
I30A	Oacoma	119.33	42	P	PKPdf	17 29 41.8	+1.1
L29A	Maesberg Ranch	119.34	44	P	PKPdf	17 29 41.1	+0.3
T27A	Campo	119.39	50	P	PKPdf	17 29 41.0	-0.1
M29A	Burnside Ranch	119.42	45	P	PKPdf	17 29 41.5	+0.5
Q28A	Sharon Springs	119.42	48	P	PKPdf	17 29 41.7	+0.6
SUSD	South Dakota S	119.43	41	P	PKPdf	17 29 42.0	+1.2
D32A	Dogwood Acres,	119.47	37	P	PKPdf	17 29 42.1	+1.3
U27A	Thompson Grove	119.50	51	P	PKPdf	17 29 42.1	+0.7
G30A	Dallas	119.52	42	P	PKPdf	17 29 42.2	+1.1
J31A	Conde	119.58	40	P	PKPdf	17 29 41.5	+0.5
AGMN	Agassiz Nation	119.60	36	ePKPdf	PKPdf	17 29 40.6	-0.4
R28A	Tribune	119.67	48	P	PKPdf	17 29 41.5	-0.1
V27A	Dan Oppiter Fa	119.68	51	P	PKPdf	17 29 41.4	-0.3
E32A	Braaten, Kindr	119.69	38	P	PKPdf	17 29 41.7	+0.5
N29A	Votaw Ranch, W	119.69	45	P	PKPdf	17 29 41.5	0.0
K30A	Basset	119.70	43	P	PKPdf	17 29 41.5	+0.1
H31A	Wolsey	119.72	41	P	PKPdf	17 29 41.8	+0.4
T28A	Walsh	119.83	50	P	PKPdf	17 29 42.5	+0.5
S28A	Manter	119.85	49	P	PKPdf	17 29 41.7	-0.2
I31A	Royce, Wessing	119.87	41	P	PKPdf	17 29 41.5	-0.2
P29A	Atwood	119.90	47	P	PKPdf	17 29 41.7	-0.3
L30A	Spencer Herefo	119.90	44	P	PKPdf	17 29 41.7	-0.7
C33A	Trail	119.92	36	P	PKPdf	17 29 43.4	+1.7
M30A	Dale-Ortello V	119.95	44	P	PKPdf	17 29 41.9	-0.1
U28A	Mallet	119.97	51	P	PKPdf	17 29 42.7	+0.5
G32A	Webster	120.02	40	P	PKPdf	17 29 41.5	-0.5
J31A	Geddes	120.04	42	P	PKPdf	17 29 42.4	+0.4

N30A	Hueftle Ranch,	120.07	45	P	PKPdf	17 29 42.3	0.0
Q29A	Oakley	120.11	47	P	PKPdf	17 29 42.0	-0.4
R29A	Marienthal	120.15	48	P	PKPdf	17 29 42.1	-0.4
V28A	Channing	120.16	51	P	PKPdf	17 29 42.2	-0.4
D33A	AnnSam, Wauburn	120.17	37	P	PKPdf	17 29 42.0	-0.1
B34A	Aery, Baudette	120.21	35	P	PKPdf	17 29 42.0	-0.2
MSTX	Mulder	120.23	53	P	PKPdf	17 29 43.1	+0.3
MSTX	Muleshoe	120.23	53	ePKPdf	PKPdf	17 29 44.1	+1.2
K31A	O'Neill	120.30	43	P	PKPdf	17 29 42.8	+0.2
W28A	Vega	120.31	52	P	PKPdf	17 29 42.8	-0.2
O30A	MW Ranch, Wils	120.33	46	P	PKPdf	17 29 42.7	0.0
SSB	Saint Sauveur	120.37	321	ePKP	PKPdf	17 29 43.9	+1.3
SSB	Saint Sauveur	120.37	321	ePKP	PKPdf	17 29 43.9	+1.3
E33A	Westby DABS, E	120.38	38	P	PKPdf	17 29 42.7	+0.1
H32A	Carlson Farm,	120.39	40	P	PKPdf	17 29 42.8	+0.1
P30A	Selden	120.42	47	P	PKPdf	17 29 42.9	0.0
S29A	Ulysses	120.42	49	P	PKPdf	17 29 42.8	-0.2
T29A	Hugoton	120.44	49	P	PKPdf	17 29 42.9	-0.2
F33A	5 Mile Ranch,	120.51	38	P	PKPdf	17 29 43.3	+0.5
X28A	Dimmitt	120.53	53	P	PKPdf	17 29 43.7	+0.3
KEST	Kesra	120.55	309	PKP	PKPdf	17 29 42.8	-0.5
I32A	Karley and Nic	120.57	41	P	PKPdf	17 29 43.6	+0.5
D34A	Park Rapids	120.59	37	P	PKPdf	17 29 43.6	+0.6
J32A	Parkston	120.60	42	P	PKPdf	17 29 43.6	+0.5
TXAR	Lajitas Array	120.62	59	PKP	PKPdf	17 29 43.7	0.0
TXAR	comp=Z,7.2nm,0.7s,baz=124,slow=6.2,SNR=9.9			PKP	PKPab	17 39 49.9	-0.2
TXAR	comp=Z,7.2nm,0.7s,baz=124,slow=6.2,SNR=9.9			PKP	PKPab	17 39 49.9	-0.2
Q30A	Quinter	120.63	47	P	PKPdf	17 29 43.7	+0.3
M31A	Lamtech Ranc	120.65	44	P	PKPdf	17 29 44.0	+0.7
Y28A	McKinney Farm,	120.66	53	P	PKPdf	17 29 43.7	+0.1
V29A	Stinnett	120.67	51	P	PKPdf	17 29 43.9	+0.4
U29A	Oasis Ranch, S	120.68	50	P	PKPdf	17 29 43.8	+0.3
Z28A	Tucker Farm, M	120.72	54	P	PKPdf	17 29 43.9	+0.2
H33A	Prehn Over Nor	120.75	40	P	PKPdf	17 29 43.9	+0.5
W29A	Amrillio	120.79	52	P	PKPdf	17 29 43.9	+0.1
K32A	Verdigre	120.81	42	P	PKPdf	17 29 43.4	-0.1
R28A	Castleberry Fa	120.82	55	P	PKPdf	17 29 44.2	+0.3
R30A	Dighton	120.83	48	P	PKPdf	17 29 43.9	+0.1
AMTX	Amarillo	120.84	52	ePKPdf	PKPdf	17 29 45.8	+1.9
O31A	Wolven Ranch,	120.86	46	P	PKPdf	17 29 43.9	+0.1
Z28A	UT Block 9, Go	120.86	55	P	PKPdf	17 29 44.2	+0.2
N31A	Bailey Ranch,	120.87	45	P	PKPdf	17 29 44.4	+0.6
E34A	Wazema	120.88	37	P	PKPdf	17 29 43.6	+0.1
S30A	Montezuma	120.91	49	P	PKPdf	17 29 44.0	0.0
X29A	Tulla	120.95	53	P	PKPdf	17 29 44.0	-0.2
I33A	Coleman	121.00	41	P	PKPdf	17 29 44.1	+0.3
CBKS	Cedar Bluff	121.04	47	ePKP	PKPdf	17 29 45.4	+1.2
CBKS	Cedar Bluff	121.04	47	ePKP	PKPdf	17 29 45.4	+1.2
P31A	Stockton	121.05	46	P	PKPdf	17 29 44.1	0.0
T30A	Plains	121.06	49	P	PKPdf	17 29 44.4	+0.2
L32A	Elgin	121.06	43	P	PKPdf	17 29 44.2	+0.2
U30A	WK& Inc. Balk	121.13	50	P	PKPdf	17 29 44.7	+0.3
Y29A	Porterfield Fa	121.14	53	P	PKPdf	17 29 44.2	-0.3
G34A	Benson	121.19	39	P	PKPdf	17 29 44.1	-0.1
BGNE	Belgrade	121.20	44	P	PKPdf	17 29 44.0	-0.3
BGNE	Belgrade	121.20	44	ePKPdf	PKPdf	17 29 44.6	+0.3
Q31A	Ellis	121.22	47	P	PKPdf	17 29 43.9	-0.6
ECSD	EROS Data Cent	121.25	41	ePKPdf	PKPdf	17 29 44.8	+0.4
D35A	Renne	121.27	36	P	PKPdf	17 29 44.4	+0.1
Z29A	Hungry Hill Ra	121.28	54	P	PKPdf	17 29 45.4	+0.5
I29A	Stewart Lakes,	121.32	55	P	PKPdf	17 29 44.5	-0.4
E35A	Pequot Farms,	121.32	37	P	PKPdf	17 29 44.7	+0.3
V30A	Spur Ranch, Mi	121.34	51	P	PKPdf	17 29 44.2	-0.6
N32A	Stulken Farm,	121.35	45	P	PKPdf	17 29 44.8	+0.2
H34A	Spellman Lake,	121.37	40	P	PKPdf	17 29 45.1	+0.5
R31A	Burdett	121.38	48	P	PKPdf	17 29 44.8	0.0
K33A	Hardington	121.49	42	P	PKPdf	17 29 45.2	+0.3
L33A	Stones	121.49	43	P	PKPdf	17 29 45.3	+0.4
Z29A	Wagon Wheel Ra	121.53	56	P	PKPdf	17 29 46.0	+0.6
O32A	Bryant Ranch,	121.54	55	P	PKPdf	17 29 45.1	-0.2
O32A	Brockman Farm,	121.56	45	P	PKPdf	17 29 45.0	-0.1
F35A	Swanville	121.56	38	P	PKPdf	17 29 45.8	+0.9
P32A	Huittig Farm,	121.57	46	P	PKPdf	17 29 45.4	+0.3
X30A	Coker Ranch, T	121.60	52	P	PKPdf	17 29 45.5	+0.1
I34A	Hadley	121.61	40	P	PKPdf	17 29 45.4	+0.4
W30A	Crocket Farms	121.61	51	P	PKPdf	17 29 45.4	0.0
C36A	Pine Crest Far	121.63	35	P	PKPdf	17 29 44.8	-0.2
S31A	Mullinville	121.65	48	P</			

Table with columns: Station, Az, El, AzM, ElM, AzR, ElR, AzP, ElP, AzS, ElS, AzT, ElT, AzC, ElC, AzD, ElD, AzE, ElE, AzF, ElF, AzG, ElG, AzH, ElH, AzI, ElI, AzJ, ElJ, AzK, ElK, AzL, ElL, AzM, ElM, AzN, ElN, AzO, ElO, AzP, ElP, AzQ, ElQ, AzR, ElR, AzS, ElS, AzT, ElT, AzU, ElU, AzV, ElV, AzW, ElW, AzX, ElX, AzY, ElY, AzZ, ElZ. Rows include stations like 632A Uvalde, 233A Rising Star, 732A Laxson Ranch, etc.

Table with columns: Station, Az, El, AzM, ElM, AzR, ElR, AzP, ElP, AzS, ElS, AzT, ElT, AzC, ElC, AzD, ElD, AzE, ElE, AzF, ElF, AzG, ElG, AzH, ElH, AzI, ElI, AzJ, ElJ, AzK, ElK, AzL, ElL, AzM, ElM, AzN, ElN, AzO, ElO, AzP, ElP, AzQ, ElQ, AzR, ElR, AzS, ElS, AzT, ElT, AzU, ElU, AzV, ElV, AzW, ElW, AzX, ElX, AzY, ElY, AzZ, ElZ. Rows include stations like Z38A Mt. Pleasant, EANR 'Ain N'Sour, 138A Matatal' Enter, etc.

Table with columns: Station, Az, El, AzM, ElM, AzR, ElR, AzP, ElP, AzS, ElS, AzT, ElT, AzC, ElC, AzD, ElD, AzE, ElE, AzF, ElF, AzG, ElG, AzH, ElH, AzI, ElI, AzJ, ElJ, AzK, ElK, AzL, ElL, AzM, ElM, AzN, ElN, AzO, ElO, AzP, ElP, AzQ, ElQ, AzR, ElR, AzS, ElS, AzT, ElT, AzU, ElU, AzV, ElV, AzW, ElW, AzX, ElX, AzY, ElY, AzZ, ElZ. Rows include stations like CPUP comp=Z,244nm,0.8s, OTAV Otavalo, BBBS BB Station, LPAZ La Paz, etc.

1395

Table with columns for station name, frequency, power, and other technical details. Includes stations like Port Moresby, Warramunga Arr, Alice Springs, etc.

2010 SEP

Table with columns for station name, frequency, power, and other technical details. Includes stations like ARMA Armidale, BTD F Bukit Timah D, MYKOA Kota Tinggi, etc.

29d 17h

Table with columns for station name, frequency, power, and other technical details. Includes stations like PSI Mont Dzumac, DZM Mont Dzumac, KWAJ Kwaialein Atol, etc.

Table with columns: YAK, comp, LR, LR, and numerical data. Includes entries like BHJ Bhuj, MKAR Makanchi Array, MKAR Makanchi Array, etc.

Table with columns: MAW, comp, LR, LR, and numerical data. Includes entries like MAW Mawson, MAW Mawson, MAW Mawson, etc.

Table with columns: KBZ, comp, MLR, MLR, and numerical data. Includes entries like KBZ Kislodovsk, KIV Kislodovsk, KIV Kislodovsk, etc.

29d 17h

Table with columns for race ID, name, distance, time, and status. Includes entries like S22A 4UR Ranch, Cre, 116.12, 50, PKIKP, PKPdf, 17 30 05.9 -1.6.

2010 SEP

Table with columns for race ID, name, distance, time, and status. Includes entries like O26A Horse Wrangler, 118.03, 47, PKIKP, PKPdf, 17 30 10.1 -0.9.

1400

Table with columns for race ID, name, distance, time, and status. Includes entries like E32A Braaten, Kindr, 119.76, 38, PKIKP, PKPdf, 17 30 13.4 -0.4.

L32A	Elgin	121.13	43	PKIKP	PKPdf	17 30 16.3	-0.4
U30A	WK&E Inc. Balk	121.20	50	PKIKP	PKPdf	17 30 16.0	-1.0
Y29A	Porterfield Fa	121.20	53	PKIKP	PKPdf	17 30 16.2	-1.0
BGNE	Belgrade	121.27	44	PKIKP	PKPdf	17 30 16.6	-0.4
BGNE	Belgrade	121.27	44	ePKPdf	PKPdf	17 30 16.1	-0.8
G34A	Benson	121.27	39	PKIKP	PKPdf	17 30 16.3	-0.5
J33A	Davis	121.28	41	PKIKP	PKPdf	17 30 16.5	-0.4
Q31A	Ellis	121.29	47	PKIKP	PKPdf	17 30 16.8	-0.3
ECSD	EROS Data Cent	121.33	41	PFAKE	LR	17 30 30.0	+1.3
ECSD	comp=Z,26um,20.0s			LR	LR		
D35A	Reme	121.34	36	PKIKP	PKPdf	17 30 16.1	-0.8
Z29A	Hungry Hill Ra	121.34	54	PKIKP	PKPdf	17 30 16.7	-0.8
129A	Stewart Farms,	121.38	55	PKIKP	PKPdf	17 30 16.8	-0.8
E35A	Pequot Lakes	121.39	37	PKIKP	PKPdf	17 30 16.4	-0.6
V30A	Spur Ranch, Mi	121.41	51	PKIKP	PKPdf	17 30 16.7	-0.8
N32A	Stulken Farm,	121.42	45	PKIKP	PKPdf	17 30 16.5	-0.8
H34A	Spellman Lake,	121.44	40	PKIKP	PKPdf	17 30 16.4	-0.8
R31A	Burdett	121.45	48	PKIKP	PKPdf	17 30 17.0	-0.5
K33A	Hardington	121.56	42	PKIKP	PKPdf	17 30 17.1	-0.4
L33A	Hoskins	121.56	43	PKIKP	PKPdf	17 30 17.1	-0.4
LPW	Lampeter	121.56	331	AMS	AMS	18 24 23.7	-0.0
329A	comp=Z,19um,26.5s						
329A	Wagon Wheel Ra	121.59	56	PKIKP	PKPdf	17 30 16.8	-1.2
229A	Bryant Ranch,	121.61	55	PKIKP	PKPdf	17 30 17.2	-0.8
Q32A	Brookman Farm,	121.63	45	PKIKP	PKPdf	17 30 16.2	-1.5
F35A	Swanville	121.63	38	PKIKP	PKPdf	17 30 17.3	-0.2
P32A	Huiting Farm,	121.64	46	PKIKP	PKPdf	17 30 17.1	-0.7
X30A	Coker Ranch, T	121.67	52	PKIKP	PKPdf	17 30 17.0	-1.0
I34A	Hadley	121.68	40	PKIKP	PKPdf	17 30 17.6	-0.1
W30A	Crocket Farms	121.68	51	PKIKP	PKPdf	17 30 17.2	-0.8
C36A	Pine Crest Far	121.70	35	PKIKP	PKPdf	17 30 17.0	-0.6
S31A	Mullinville	121.72	48	PKIKP	PKPdf	17 30 17.3	-0.6
529A	Stev Forest Ra	121.72	58	PKIKP	PKPdf	17 30 17.4	-0.8
T31A	Randall Ranch,	121.75	49	PKIKP	PKPdf	17 30 17.0	-1.0
Z30A	Sanderson Ranc	121.80	54	PKIKP	PKPdf	17 30 17.4	-0.9
D36A	Goodland	121.81	36	PKIKP	PKPdf	17 30 17.2	-0.6
Y30A	Stafford Catti	121.82	53	PKIKP	PKPdf	17 30 17.3	-1.0
M33A	Taylor Creek F	121.86	43	PKIKP	PKPdf	17 30 17.3	-0.8
U31A	Nine Bar Ranch	121.86	50	PKIKP	PKPdf	17 30 17.8	-0.5
429A	Davenport Ranc	121.88	57	PKIKP	PKPdf	17 30 18.0	-0.6
Q32A	Metler Ranch,	121.91	47	PKIKP	PKPdf	17 30 17.8	-0.4
DSB	Dublin	121.92	333	ePKPdf	PKPdf	17 30 17.4	-0.3
J44A	George	121.95	41	PKIKP	PKPdf	17 30 17.9	-0.3
G35A	Watkins	122.00	38	PKIKP	PKPdf	17 30 17.9	-0.3
R32A	Long Quarter,	122.00	47	PKIKP	PKPdf	17 30 17.6	-0.8
N33A	J Bar K, Exete	122.02	44	PKIKP	PKPdf	17 30 17.5	-0.9
V31A	Spring Creek L	122.06	51	PKIKP	PKPdf	17 30 17.8	-0.9
C37A	Embarrass	122.09	35	PKIKP	PKPdf	17 30 18.1	-0.2
S32A	Newby Ranch, P	122.09	48	PKIKP	PKPdf	17 30 17.8	-0.9
130A	Snyder	122.12	54	PKIKP	PKPdf	17 30 18.2	-0.8
Q34A	Le Mars	122.13	42	PKIKP	PKPdf	17 30 17.6	-1.0
W31A	Holland Ranch,	122.17	51	PKIKP	PKPdf	17 30 18.1	-0.8
O33A	Helbron	122.19	45	PKIKP	PKPdf	17 30 18.2	-0.5
230A	Sterling City	122.20	55	PKIKP	PKPdf	17 30 18.2	-0.9
L34A	Svensen Farm,	122.25	43	PKIKP	PKPdf	17 30 18.2	-0.6
D37A	Cotton	122.25	36	PKIKP	PKPdf	17 30 18.3	-0.4
F36A	Milaca	122.27	37	PKIKP	PKPdf	17 30 18.1	-0.6
330A	Mertzson	122.28	56	PKIKP	PKPdf	17 30 18.6	-0.7
T32A	Huddler Ranch,	122.29	49	PKIKP	PKPdf	17 30 18.4	-0.6
Y31A	Rieketa Farm,	122.30	53	PKIKP	PKPdf	17 30 18.7	-0.5
M34A	Aspy Farms, Fr	122.31	43	PKIKP	PKPdf	17 30 18.1	-0.9
X31A	McDonald Ranch	122.31	52	PKIKP	PKPdf	17 30 18.8	-0.4
I35A	Creekview Farm	122.33	40	PKIKP	PKPdf	17 30 18.8	-0.1
JSA	Saint Aubin	122.34	327	AMS	AMS	18 32 33.2	-0.0
P33A	Williams Farm,	122.36	46	PKIKP	PKPdf	17 30 18.7	-0.4
EYMN	Ely	122.36	34	PFAKE	LR	17 30 30.0	+1.1
EYMN	comp=Z,34um,21.0s			LR	LR		
430A	Baggett Ranch,	122.39	57	PKIKP	PKPdf	17 30 18.7	-0.8
J35A	Milford	122.41	41	PKIKP	PKPdf	17 30 18.2	-0.8
Q33A	Connelly Farm,	122.43	46	PKIKP	PKPdf	17 30 18.9	-0.3
G36A	St. Michael	122.44	38	PKIKP	PKPdf	17 30 18.4	-0.6
HTL	Hartland	122.46	330	eP	AMS	17 26 47.2	-1.4
HTL	AMS			AMS	AMS	18 28 51.6	-0.0
530A	J-C Ranch, Com	122.46	57	PKIKP	PKPdf	17 30 18.6	-1.1
U32A	Winter Ranch,	122.50	50	PKIKP	PKPdf	17 30 19.0	-0.5
DYA	Yadworthy	122.52	329	eP	AMS	17 26 45.8	-3.1
DYA	AMS			AMS	AMS	18 28 27.5	-0.0
131A	Roby	122.57	54	PKIKP	PKPdf	17 30 19.4	-0.4
R33A	Olander Ranch,	122.58	47	PKIKP	PKPdf	17 30 19.1	-0.5
Z31A	Sharp Cattle R	122.58	53	PKIKP	PKPdf	17 30 19.3	-0.5
N34A	Sawbill Land,	122.61	35	PKIKP	PKPdf	17 30 19.2	-0.1
C38A	Lincoln	122.64	44	PKIKP	PKPdf	17 30 19.1	-0.5
EFI	East Falkland	122.66	171	ePKIKP	PKPdf	17 30 20.1	+0.8
EFI	MLR			MLR	MLR	17 31 59.0	-0.0
EFI	comp=Z,54um,22.0s						
EFI	East Falkland	122.66	171	ePKPdf	PKPdf	17 30 20.1	+0.8
EFI	ePP			PP	PP	17 31 59.0	+3.4
EFI	LR			LR	LR		
K35A	Storm Lake	122.68	41	PKIKP	PKPdf	17 30 19.1	-0.5
V32A	Arapaho	122.69	50	PKIKP	PKPdf	17 30 19.5	-0.4

W32A	Sentinel	122.73	51	PKIKP	PKPdf	17 30 19.4	-0.6
L35A	Bielow Farm, R	122.74	42	PKIKP	PKPdf	17 30 19.4	-0.4
O34A	Beauche	122.77	45	PKIKP	PKPdf	17 30 19.1	-0.8
S33A	Kaszmual Farm,	122.83	48	PKIKP	PKPdf	17 30 19.1	-1.0
T33A	Patterson Ranc	122.83	49	PKIKP	PKPdf	17 30 19.2	-0.9
231A	Bronte	122.84	55	PKIKP	PKPdf	17 30 19.0	-1.3
I36A	Fitzsimmons Fa	122.87	40	PKIKP	PKPdf	17 30 19.2	-0.7
331A	San Angelo	122.92	56	PKIKP	PKPdf	17 30 19.6	-0.9
M35A	Neola	122.92	43	PKIKP	PKPdf	17 30 19.5	-0.6
X32A	Elmer	122.92	52	PKIKP	PKPdf	17 30 19.5	-0.8
Y32A	R-V Farms, Ver	122.93	52	PKIKP	PKPdf	17 30 19.4	-0.9
431A	Sonora	122.93	57	PKIKP	PKPdf	17 30 19.6	-0.9
P34A	Walnut Farm, R	122.93	45	PKIKP	PKPdf	17 30 19.7	-0.6
SPMM	St. Paul	123.03	38	PKIKP	PKPdf	17 30 19.8	-0.4
Q34A	Chapman	123.10	46	PKIKP	PKPdf	17 30 19.8	-0.7
Z32A	Haskell	123.12	53	PKIKP	PKPdf	17 30 20.0	-0.7
R34A	Isabella, Hill	123.12	47	PKIKP	PKPdf	17 30 19.9	-0.7
531A	Rocksprings	123.12	57	PKIKP	PKPdf	17 30 20.1	-0.8
U33A	Lingo Farm, Me	123.16	49	PKIKP	PKPdf	17 30 20.1	-0.6
ABTX	Abilene, Hawle	123.19	54	PKIKP	PKPdf	17 30 20.2	-0.7
WMOK	Wichita Mounta	123.22	51	PFAKE	LR	17 30 30.0	+9.1
WMOK	WMOK			LR	LR		
N35A	Tabor	123.22	44	PKIKP	PKPdf	17 30 19.9	-0.8
V33A	Johnson Ranch,	123.24	50	PKIKP	PKPdf	17 30 20.6	-0.3
KSU1	Kansas State U	123.27	46	ePKPdf	LR	17 30 20.2	-0.6
KSU1	comp=Z,34um,22.0s			LR	LR		
631A	Perdido Creek	123.28	58	PKIKP	PKPdf	17 30 20.3	-0.9
O35A	Humboldt	123.28	44	PKIKP	PKPdf	17 30 20.6	-0.3
W33A	Coalton, Fort Co	123.32	51	PKIKP	PKPdf	17 30 20.4	-0.7
CCA1	Carmenellis	123.33	330	AMS	AMS	18 27 53.4	-0.0
232A	Coleman	123.40	55	PKIKP	PKPdf	17 30 20.8	-0.5
S34A	Willow Spring	123.44	48	PKIKP	PKPdf	17 30 20.6	-0.6
332A	Millersview	123.46	56	PKIKP	PKPdf	17 30 20.7	-0.8
X33A	Lawlers	123.50	52	PKIKP	PKPdf	17 30 20.6	-0.8
P35A	Duane Minner,	123.51	45	PKIKP	PKPdf	17 30 20.6	-0.7
432A	Menard	123.56	56	PKIKP	PKPdf	17 30 20.9	-0.8
Y33A	Hilltop Ranch,	123.57	52	PKIKP	PKPdf	17 30 21.0	-0.6
U34A	Anderson Ranch	123.59	49	PKIKP	PKPdf	17 30 21.4	-0.1
U34A	Anderson Ranch	123.59	49	ePKPdf	PKPdf	17 30 21.7	+0.1
T34A	McClasky Farm	123.64	48	PKIKP	PKPdf	17 30 20.9	-0.7
JCT	Junction City	123.66	57	PFAKE	LR	17 30 30.0	+8.1
JCT	comp=Z,36um,20.0s			LR	LR		
532A	Rocksprings	123.67	57	PKIKP	PKPdf	17 30 21.1	-0.8
Z33A	Whitaker Ranch	123.69	53	PKIKP	PKPdf	17 30 21.1	-0.7
Q35A	Mercer Eighty,	123.77	46	PKIKP	PKPdf	17 30 21.4	-0.5
133A	Hamilton Ranch	123.78	54	PKIKP	PKPdf	17 30 21.6	-0.5
V34A	Guthrie	123.82	50	PKIKP	PKPdf	17 30 21.2	-0.8
W34A	Bridge Creek,	123.83	51	PKIKP	PKPdf	17 30 21.6	-0.4
W34A	Bridge Creek,	123.83	51	ePKPdf	PKPdf	17 30 21.5	-0.6
R35A	Emporia Munci	123.87	47	PKIKP	PKPdf	17 30 21.3	-0.7
632A	Uvalde	123.93	58	PKIKP	PKPdf	17 30 21.6	-0.8
233A	Rising Star	123.97	55	PKIKP	PKPdf	17 30 21.3	-1.1
732A	Laxson Ranch,	123.97	59	PKIKP	PKPdf	17 30 21.3	-1.2

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for SJIJ Sorong, BATI Baumata, WRA Warramunga Arr, ASAR Alice Springs, CTA Charters Tower, CMAR Chiang Mai Arr, TORO Torodi Ar. Bea.

IDC 29 17:36:58.4:1.1, 4.97S:133.41E, h0km, mb4.1/4, mb1 4.4/7, mb1mx4.0/37, mbtmp4.3/7, ML4.4/2, Error ellipse: s-maj=39.6km s-min=23.2km az=64.0, Central

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for SJIJ Sorong, PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, CTA Charters Tower, CMAR Chiang Mai Arr, USR Kurusik Ar., PETK Petropavlovsk, MKAR Makanchi Arr, TORO Torodi Ar. Bea.

IDC 29 17:38:40.8:0.8, 4.79S:133.45E, h0km, mb3.9/7, mb1 4.2/12, mb1mx4.0/40, mbtmp4.2/12, ML4.4/4, Error ellipse: s-maj=32.9km s-min=18.2km az=65.0

ISCJB 29 17:38:41.3:0.5, 4.95S:133.43E, 0.07, h25km, mb3.9/7, Error ellipse: s-maj=9.7km s-min=8.5km az=10.3

NEIC 29 17:38:42.1:0.5, 4.79S:133.50E, h10km, mb4.2/2, Error ellipse: s-maj=12.9km s-min=10.0km az=52.0

ISC 29 17:38:43.5:0.6, 4.86S:133.45E, 0.08, h25km, n21, r1540/21, mb4.0/7, Irian Jaya region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for SJIJ Sorong, BATI Baumata, COEN Coen, PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, CTA Charters Tower, CTAO Charters Tower, MBWA Marble Bar, CMAR Chiang Mai Arr, KSAR Wonju Arr, KSRS Korea Arr, USR Kurusik Ar., SONM Songo Arr, MKAR Makanchi Arr, ZALV Zalesovo Beam, ILAR Eielson Arr, TORO Torodi Ar. Bea, LVC Limon Verde, CPUP Villa Florida, LPAZ La Paz.

IDC 29 17:42:07.2:1.3, 3.81N:32.50W, h0km, mb3.8/6, mb1 4.1/7, mb1mx3.8/53, mbtmp3.9/7, ML3.9/1, Error ellipse: s-maj=42.8km s-min=26.8km az=150.0, Central

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for RCBR Riachuelo, H10N3 ASCENSION HYDR21.36 123 T, H10N2 ASCENSION HYDR21.37 123 T, H10N1 ASCENSION HYDR21.38 123 T, H10S3 ASCENSION HYDR21.84 126 T, H10S1 ASCENSION HYDR21.84 126 T, H10S2 ASCENSION HYDR21.86 126 T, H05S1 Guadeloupe/Mar 28.86 296 T, H05N1 Guadeloupe/Mar 30.68 296 T, ESCD Sonsec Array 44.06 32 P, GERES GERES Array B 59.61 34 P, BRTR Keskin Array B 69.31 49 P, AKASG Malin Array Be 69.41 37 P, TXAR Lajitas Array 71.73 300 P.

IDC 29 17:49:39.9:1.0, 5.23S:133.99E, h0km, mb3.8/4, mb1 3.9/9, mb1mx3.7/39, mbtmp3.8/9, ML3.1/4, Error ellipse: s-maj=10.0km s-min=19.8km az=68.0

ISCJB 29 17:49:42.0:0.8, 5.31S:133.97E, 0.07, h28km, mb3.7/4, Error ellipse: s-maj=12.0km s-min=10.1km az=179.0

ISC 29 17:49:43.7:0.9, 5.19S:133.99E, 0.1, h28km, n11, r159/13, mb3.8/4, Aru Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for SJIJ Sorong, SJIJ Sorong.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for BATI Baumata, WRA Warramunga Arr, ASAR Alice Springs, CTA Charters Tower, CMAR Chiang Mai Arr, KSRS Korea Arr, MKAR Makanchi Arr, CPUP Villa Florida, LPAZ La Paz.

IDC 29 17:51:19.3:6.6, 5.06S:134.35E, h0km, mb3.6/1, mb1 3.6/3, mb1mx3.2/6, mbtmp3.7/5, ML2.3/2, Error ellipse: s-maj=356.4km s-min=34.8km az=79.0, Aru

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Arr.

IDC 29 17:51:55.8:3.0, 5.02S:133.85E, h0km, mb3.5/2, mb1 3.8/5, mb1mx3.5/37, mbtmp3.7/5, ML3.5/3, Error ellipse: s-maj=148.2km s-min=28.0km az=75.0, Aru

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for SJIJ Sorong, SJIJ Sorong, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Arr, KURBB Kurchatov Arr.

ISCJB 29 17:54:14.1:1.1, 2.81N:139.42E, 0.2, h448km, mb3.1/6, Error ellipse: s-maj=29.7km s-min=20.9km az=170.8

IDC 29 17:54:17.1:3.2, 2.81N:139.54E, h467km, mb2.8/6, mb1 3.0/7, mb1mx2.7/47, mbtmp3.6/7, Error ellipse: s-maj=23.8km s-min=19.1km az=85.0

ISC 29 17:54:15.6:1.1, 2.83N:139.62E, 0.2, h448km, n7, r1507/7, mb3.1/6, Bonin Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for MJAR Matsushiro Arr, MKAR Makanchi Arr, KURBB Kurchatov Arr, ASAR Alice Springs, BVAR Borovoye Arr, ILAR Eielson Arr, NVAR Vanda.

IDC 29 17:57:14.4:2.2, 5.25S:133.99E, h0km, mb3.6/2, mb1 3.9/5, mb1mx3.5/37, mbtmp3.7/5, ML3.6/3, Error ellipse: s-maj=139.2km s-min=25.7km az=73.0, Aru

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for SJIJ Sorong, SJIJ Sorong, SMPI Sarmi, GENI Genyem, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Arr, KURBB Kurchatov Arr, CPUP Villa Florida.

IDC 29 17:58:42.2:1.2, 4.92S:133.75E, h0km, mb3.7/3, mb1 3.9/9, mb1mx3.7/39, mbtmp3.8/9, ML3.8/5, Error ellipse: s-maj=49.0km s-min=21.5km az=68.0

ISCJB 29 17:58:43.0:0.8, 4.94S:133.8E, 0.1, h25km, mb3.6/3, Error ellipse: s-maj=19.8km s-min=8.3km az=166.7

ISC 29 17:58:45.0:1.1, 4.95S:133.8E, 0.2, h25km, n13, r1508/10, mb3.7/3, Irian Jaya region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for FAKI Fak Fak, SJIJ Sorong, KDU Kakadu, MTN Mantou Dam, BATI Baumata, KNRA Kunurra, WRA Warramunga Arr, ASAR Alice Springs, CTA Charters Tower, MKAR Makanchi Arr, KURBB Kurchatov Arr, BVAR Borovoye Arr, CPUP Villa Florida.

ISCJB 29 17:58:53.0:0.4, 4.88S:133.79E, 0.05, h10km, mb4.1/10, Error ellipse: s-maj=8.7km s-min=5.9km az=140.6

IDC 29 17:58:54.0:0.8, 4.86S:133.75E, h0km, mb4.2/8, mb1 4.3/14, mb1mx4.1/39, mbtmp4.3/14, ML4.3/2, Error ellipse: s-maj=29.6km s-min=16.7km az=64.0

NEIC 29 17:59:09.5:6.4, 4.55S:133.69E, h2km, mb4.2/4, Error ellipse: s-maj=15.4km s-min=8.0km az=63.0

AUST 29 17:59:09.5:6.4, 4.55S:133.69E, h2km, mb4.2/4, Error ellipse: s-maj=15.4km s-min=8.0km az=63.0

ISC 29 17:58:55.3:0.5, 4.83S:133.76E, 0.06, h10km, n60, r1522/56, mb4.2/10, Irian Jaya region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for FAKI Fak Fak.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for BNDI Bandanaira, SJIJ Sorong, SWI Sorong, MSAI Masohi, GENI Genyem, NLAI Namlea, LBMI Labuha, SBNI Sanana, TNTI Ternate, TMTI Ternate, SOEI Soe, SOEI Soe, BATI Baumata, BATI Baumata, BPSI Bau Bau, KAPI Kappang, KAPI Kappang, SPSP Sidrap Palu, PMG Port Moresby, WRAB Tennant Creek, WRA Warramunga Arr, WRA Warramunga Arr, QIS Mount Isa, ASAR Alice Springs, ASAR Alice Springs, CTA Charters Tower, CTAO Charters Tower, JAGI Jagaj, Banyuwa, WRKA Warakuna, MBWA Marble Bar, QLP Qulpiie, BLDU Balidu, CMAR Chiang Mai Arr, USR Kurusik Ar., YAK Yakutsk, YAK Yakutsk, MKAR Makanchi Arr, MKAR Makanchi Arr, ZALV Zalesovo Beam, ZALV Zalesovo Beam, KURK Kurchatov, KURBB Kurchatov Arr, VANDA Vanda, VANDA Vanda, BVAR Borovoye Arr, BVAR Borovoye Arr, BRVK Borovoye.

IDC 29 18:00:42.9:0.6, 5.09S:133.78E, h0km, mb4.3/17, mb1 4.4/23, mb1mx4.3/39, mbtmp4.4/23, ML4.4/3, Error ellipse: s-maj=22.1km s-min=14.2km az=72.0

ISCJB 29 18:00:42.5:0.3, 5.09S:133.8E, 0.05, h10km, mb4.4/25, Error ellipse: s-maj=7.2km s-min=5.1km az=144.0

BUI 29 18:00:44.0:5.0, 5.04S:133.83E, h12km, mb4.5/16

NEIC 29 18:00:45.3:0.3, 5.02S:133.78E, h14km, mb4.7/9, Error ellipse: s-maj=9.0km s-min=5.4km az=69.0

AUST 29 18:00:48.2:4.9, 5.06S:134.03E, h60km, mb4.5/10, mb1 5.0/30, mb1mx5.1/39, mbtmp5.1/39, ML5.1/3, Error ellipse: s-maj=11.5km s-min=7.5km az=72.0

DJA 29 18:00:50.3:0.3, 5.14S:133.4E, 0.1, h10km, mb5.1/30, mb5.0/30, mb5.9/1, MLV5.1/3, Mb(mb)5.1/5

ISC 29 18:00:49.0:5.0, 5.07S:133.84E, 0.07, h10km, n90, r1534/83, mb4.4/25, Aru Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for FAKI Fak Fak, FAKI Fak Fak, FAKI Fak Fak, SJIJ Sorong, SJIJ Sorong, MSAI Masohi, JAY Jayapura, LBMI Labuha, SBNI Sanana, TMTI Ternate, TMTI Ternate, SOEI Soe, SOEI Soe, KDI Kendari, BATI Baumata, BATI Baumata, BATI Baumata, KMSI Cibinong, LUWI Luwik, LUWI Luwik, LUWI Luwik, COEN Coen, APSI Ampana, MRSI Marisa.

IDC 29 18:00:42.9:0.6, 5.09S:133.78E, h0km, mb4.3/17, mb1 4.4/23, mb1mx4.3/39, mbtmp4.4/23, ML4.4/3, Error ellipse: s-maj=22.1km s-min=14.2km az=72.0

ISCJB 29 18:00:42.5:0.3, 5.09S:133.8E, 0.05, h10km, mb4.4/25, Error ellipse: s-maj=7.2km s-min=5.1km az=144.0

BUI 29 18:00:44.0:5.0, 5.04S:133.83E, h12km, mb4.5/16

NEIC 29 18:00:45.3:0.3, 5.02S:133.78E, h14km, mb4.7/9, Error ellipse: s-maj=9.0km s-min=5.4km az=69.0

AUST 29 18:00:48.2:4.9, 5.06S:134.03E, h60km, mb4.5/10, mb1 5.0/30, mb1mx5.1/39, mbtmp5.1/39, ML5.1/3, Error ellipse: s-maj=11.5km s-min=7.5km az=72.0

DJA 29 18:00:50.3:0.3, 5.14S:133.4E, 0.1, h10km, mb5.1/30, mb5.0/30, mb5.9/1, MLV5.1/3, Mb(mb)5.1/5

ISC 29 18:00:49.0:5.0, 5.07S:133.84E, 0.07, h10km, n90, r1534/83, mb4.4/25, Aru Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes entries for FAKI Fak Fak, FAKI Fak Fak, FAKI Fak Fak, SJIJ Sorong, SJIJ Sorong, MSAI Masohi, JAY Jayapura, LBMI Labuha, SBNI Sanana, TMTI Ternate, TMTI Ternate, SOEI Soe, SOEI Soe, KDI Kendari, BATI Baumata, BATI Baumata, BATI Baumata, KMSI Cibinong, LUWI Luwik, LUWI Luwik, LUWI Luwik, COEN Coen, APSI Ampana, MRSI Marisa.

PAE	23nm,0.9s	21.74	98	eT	T	19 16 04.0	WRKA	Warakurna	56.22	250	P	P	18 59 11.2	-0.7	baz=73,SNR=5.6	Hector,Ludlow	73.00	45	P	P	19 01 01.9	+0.6		
PPT	5.8nm,0.2s	17.74	98	P	P	18 54 22.5	-0.9	FORT	Forrest	56.35	243	P	P	18 59 12.1	-0.7	baz=73,SNR=8.5	GLA	Glamis	73.09	48	P	P	19 01 02.8	+1.0
PPT	comp=Z,34nm,0.4s	21.74	98	P	P	18 54 22.5	-0.9	FORT	Forrest	56.35	243	eP	P	18 59 11.3	-1.5	baz=73,SNR=2.9	GLA	Glamis	73.09	48	P	P	19 01 02.8	+0.9
PPT2	comp=Z,150nm,1.1s	21.74	98	eP	LR	18 59 19.4		KNRA	Kunurra	56.69	261	P	P	18 59 14.7	-0.7	baz=73,SNR=1.0	YBH	Yreka Blue Hor	73.10	36	P	P	19 01 03.3	+1.5
TIAR	comp=Z,61um,22.8s	21.96	98	eP	P	18 54 24.7	-1.1	PALU	Palau	57.56	289	P	P	18 59 21.0	-0.5	baz=73,SNR=21	YBH	Yreka Blue Hor	73.10	36	eP	P	19 01 03.3	+1.5
TVO	comp=Z,34nm,0.9s	22.06	99	eP	P	18 54 25.5	-1.4	SLJI	Silong	57.66	279	P	P	18 59 22.8	+0.4	baz=73,SNR=15	PETK	Petrovlovsk	73.24	342	P	P	19 01 02.8	+0.6
TARA	Tarawa	22.42	118	eP	P	18 54 33.5	+2.9	SWI	Sorong	57.67	279	P	P	18 59 23.2	+0.9	comp=Z,138nm,0.7s,SNR=8.0,slow=8.1,SNR=62	PETK	Petrovlovsk	73.24	342	P	P	19 01 02.8	+0.6
TBI	Tubuai	22.72	113	eP	P	18 54 33.0	-0.8	SWI	Sorong	57.67	279	P	P	18 59 23.5	+1.2	comp=Z,318nm,0.9s,comp=Z,3um	GMRC	Granite Mounta	73.43	46	P	P	19 01 04.5	+0.6
TBI	comp=Z,91um,26.8s	22.72	113	eT	LR	18 59 50.5		NLAI	Namlea	60.96	275	P	P	18 59 45.5	+0.4	baz=58,SNR=30	IRM	Iron Mountain	73.45	47	P	P	19 01 05.1	+1.2
TBI	comp=Z,22nm,0.3s	23.19	99	eP	P	19 17 49.2		LBMI	Labuha	61.32	278	P	P	18 59 48.7	+1.2	comp=Z,115nm,1.6s	GRAC	Grapevine Rang	73.51	43	P	P	19 01 05.5	+1.2
MEH	Mehetia	22.72	113	eP	P	19 54 37.1	-1.6	KMBL	Kambalada	61.65	243	P	P	18 59 49.0	-0.6	comp=Z,183nm,1.3s,comp=Z,3um	HULL	Hull Mountain	73.52	36	eP	P	19 01 05.9	+1.7
Ouz	Omahuta	23.29	211	eP	P	18 54 40.0	+0.6	TNTI	Ternate	61.87	279	P	P	18 59 51.5	+0.2	baz=62,SNR=6.7	FURC	Furnace Creek,	73.55	44	P	P	19 01 05.7	+0.7
PMOR	Pomario Rio	23.43	92	eP	T	18 54 38.7	-2.4	TNTI	Ternate	61.87	279	eP	P	18 59 51.6	+0.4	comp=Z,207nm,1.0s	TUQ	Turquoise Moun	73.61	45	P	P	19 01 06.3	+0.7
PMOR	Pomario Rio	23.43	92	eT	T	19 18 29.9		SOEI	Soe	62.09	267	P	P	18 59 54.2	+1.3	comp=Z,222nm,1.0s	M04C	Macdoel	73.63	37	P	P	19 01 06.5	+1.4
WMGZ	Waionatini S	23.59	199	PN	P	18 54 43.1	+0.7	SOEI	Soe	62.09	267	eP	P	18 59 54.1	+1.3	baz=62,SNR=2.3	NVAR	Mina Array Bea	73.73	41	P	P	19 01 06.5	+0.7
KUZ	Kuotunou	23.60	205	PN	P	18 54 43.1	+0.5	SANI	Sanana	62.35	276	P	P	18 59 54.5	0.0	comp=Z,176nm,0.9s	I03D	Drain, OR	74.02	35	P	P	19 01 08.3	+1.4
VAH	Vaihoa	23.67	92	eP	P	18 54 40.6	-2.8	BATI	Baumata	62.58	266	P	P	18 59 57.5	+1.8	comp=Z,108nm,1.4s,comp=Z,2um	PDMC	Parker Dam,Lak	74.23	47	P	P	19 01 09.4	+1.0
HAZ	Te Kaha	23.74	200	PN	P	18 54 46.5	+2.7	BATI	Baumata	62.58	266	P	P	18 59 57.5	+1.8	comp=Z,55nm,0.7s	J04D	Umpqua Nationa	74.41	36	P	P	19 01 11.0	+1.4
URZ	Urewera	24.42	201	PN	P	18 54 49.7	+1.5	BATI	Baumata	62.58	266	P	P	18 59 56.5	+0.5	comp=Z,63nm,0.6s,SNR=128,slow=4.7,SNR=12	I04A	Tack Farm,	74.59	35	P	P	19 01 11.6	+1.1
URZ	comp=Z,73nm,0.5s,SNR=342,slow=9.6,SNR=5.5	24.42	201	S	S	18 59 09.5	+1.5	BATI	Baumata	62.58	266	LR	LR	19 28 05.0		baz=75	MOD	Modoc	74.60	38	eP	P	19 01 11.1	+0.4
URZ	comp=Z,4.2nm,0.3s,SNR=48,slow=19,SNR=3.9	24.42	201	PN	P	18 54 48.7	-1.5	SBA	Scott Base	63.10	185	eP	P	18 59 59.8	+1.4	comp=Z,25nm,0.9s	SHPR	Sheep Range	74.71	44	eP	P	19 01 12.4	+1.0
URZ	Urewera	24.42	201	eP	P	18 54 53.3	+3.2	SBA	Scott Base	63.10	185	eP	P	18 59 59.8	+1.4	comp=Z,22nm,0.8s	K05A	Summit Lake	74.77	37	eP	P	19 01 12.9	+1.2
URZ	Urewera	24.42	201	eP	P	18 59 09.4	+1.5	SBA	Scott Base	63.10	185	eP	P	18 59 59.8	+1.4	comp=Z,22nm,0.8s	J05D	Fort Rock, OR	74.93	36	P	P	19 01 14.0	+1.5
URZ	Urewera	24.42	201	PN	P	18 54 48.7	-1.5	VNDA	Vandana	63.25	186	P	P	18 59 59.9	+0.4	comp=Z,42nm,0.8s	KDAD	Kodiak Island	74.94	11	P	P	19 01 12.7	+0.6
URZ	Urewera	24.42	201	PN	P	18 54 56.2	+1.5	MMRI	Maumere	64.29	268	P	P	19 00 07.0	-0.4	comp=Z,8.4nm,0.9s,SNR=7.2,slow=6.4,SNR=45	KDAD	Kodiak Island	74.94	11	iP	P	19 01 13.0	+1.0
BKZ	Black Stump Fm	25.45	201	eP	P	18 55 03.1	+3.6	MMRI	Maumere	64.29	268	eP	P	19 00 06.9	-0.4	comp=Z,100nm,0.8s	R11A	Troy Canyon, C	75.44	43	P	P	19 01 16.9	+1.3
HIZ	Haiti	25.48	204	PN	P	18 55 02.3	+2.6	MBWA	Marble Bar	64.42	254	eP	P	19 00 08.1	0.0	comp=Z,226nm,1.5s	I05D	Terebonne, OR	75.53	35	P	P	19 01 17.2	+1.4
BFZ	Birch Farm	26.89	200	PN	P	18 55 12.6	0.0	MEEK	Meekatharra	64.81	248	P	P	19 00 10.0	-0.6	baz=76	BMN	Battle Mountain	75.58	40	eP	P	19 01 17.3	+1.0
BFZ	Birch Farm	26.89	200	eP	P	18 55 13.2	+0.7	KLBR	Kellerberrin	65.16	242	P	P	19 00 12.8	0.0	comp=Z,191nm,0.9s	BMN	Battle Mountain	75.58	40	eP	P	19 01 17.3	+1.0
SNZO	South Karori	27.97	201	eP	P	18 55 23.4	+1.3	NWAO	Narogin (SRO)	65.52	241	eP	P	19 00 14.5	-0.6	comp=Z,65,SNR=11	TUC	Tucson	75.64	50	eP	P	19 01 17.5	+0.7
KHZ	Kahutara	29.36	202	ePN	P	18 55 36.8	+2.3	NWAO	Narogin (SRO)	65.52	241	eP	P	19 00 15.9	+0.8	comp=Z,9.0nm,0.6s	TUC	Tucson	75.64	50	eP	P	19 01 17.5	+0.7
KHZ	Kahutara	29.36	202	eP	P	18 55 38.9	+4.4	NWAO	Narogin (SRO)	65.52	241	eP	P	19 00 14.5	-0.6	comp=Z,66,SNR=14	TUC	Tucson	75.64	50	eP	P	19 01 17.5	+0.7
MOZ	McQueen's Vall	30.80	202	PN	P	18 55 51.1	+3.8	NWAO	Narogin (SRO)	65.52	241	eP	P	19 00 17.6	+1.0	comp=Z,9.2nm,0.6s	UGM	Wanagama	75.73	266	P	P	19 01 18.1	+0.4
RPZ	Rata Peaks	31.41	204	P	P	18 55 52.3	-0.3	NWAO	Narogin (SRO)	65.52	241	eP	P	19 00 17.6	+1.0	comp=Z,22nm,0.5s,SNR=51,slow=8.9,SNR=9.5	G05D	Wanagama	75.73	266	P	P	19 01 20.3	+1.1
RPZ	Rata Peaks	31.41	204	eP	P	18 55 55.9	+3.3	LUWI	Luwuk	65.72	276	P	P	19 00 17.3	+0.7	comp=Z,7.3nm,0.7s	TPUB	Ta-pu	76.12	34	P	P	19 01 19.5	-0.8
TAOE	Nuku Hiva Isla	31.99	82	eT	T	19 29 06.9		LUWI	Luwuk	65.72	276	eP	P	19 00 17.3	+0.7	comp=Z,34nm,0.9s	I07A	Waipapa, OR	76.40	36	eP	P	19 01 22.1	+1.1
ODZ	Otaua Downs	32.69	203	eP	P	18 56 08.2	+4.4	BLDU	Ballidu	66.13	243	P	P	19 00 18.8	-0.2	comp=Z,20nm,1.0s	J08A	Circle Bar Ran	76.56	37	eP	P	19 01 22.8	+1.0
WHZ	Wether Hill Ro	34.45	205	eP	P	18 56 21.6	+2.5	MORW	Morawa	66.84	245	P	P	19 00 23.5	-0.2	comp=Z,20nm,1.0s	J08A	Circle Bar Ran	76.56	37	eP	P	19 01 22.8	+1.0
RKT	Rikitea	35.80	108	eP	P	18 56 30.3	-0.7	KAPI	Kappang	67.56	271	P	P	19 00 28.7	+0.3	comp=Z,33nm,1.1s	KSDG	Daegwallycong	76.78	316	P	P	19 01 25.1	+2.0
RKT	Rikitea	35.80	108	eT	T	19 33 58.3		KAPI	Kappang	67.56	271	P	P	19 00 28.4	0.0	comp=Z,223nm,1.4s,SNR=5.3	WUAZ	Wupatiki	76.81	47	eP	P	19 01 24.9	+1.4
ARMA	Armidale	36.23	240	P	P	18 56 33.7	-1.0	KAPI	Kappang	67.56	271	eP	P	19 00 28.1	+0.7	comp=Z,223nm,1.4s,SNR=5.3	WUAZ	Wupatiki	76.81	47	eP	P	19 01 24.9	+1.4
ARMA	Armidale	36.23	240	PN	P	18 56 33.5	-1.3	KAPI	Kappang	67.56	271	eP	P	19 00 28.1	+0.7	comp=Z,223nm,1.4s,SNR=5.3	WUAZ	Wupatiki	76.81	47	eP	P	19 01 24.9	+1.4
PATS	Pohnpel	36.79	305	P	P	18 56 42.3	+2.7	GIRL	Girralda	69.26	251	P	P	19 00 38.8	-0.1	comp=Z,24nm,1.3s	WUJAZ	Wujunji	76.82	276	eP	P	19 01 36.8	+2.2
MGCD	Mangrove Creek	37.47	335	P	P	18 56 45.7	+0.4	MJAR	Matsushiro Arr	69.89	319	P	P	19 00 42.6	+0.1	comp=Z,24nm,1.3s	SBUM	Sibu	76.82	276	eP	P	19 01 24.5	+0.7
RMQ	Roma	38.78	247	P	P	18 56 47.3	-1.4	MJAR	Matsushiro Arr	69.89	319	P	P	19 00 42.6	+0.1	comp=Z,24nm,1.3s	KSJM	Jumunjin	76.83	316	P	P	19 01 25.6	+2.3
CNB	Canberra	39.53	233	P	P	18 57 02.6	0.0	MJAR	Matsushiro Arr	69.89	319	P	P	19 00 42.6	+0.1	SNR=7.4	LON	Longmire	76.83	33	eP	P	19 01 23.7	+0.5
CTA	Charters Tower	39.73	257	P	P	18 57 02.2	-2.2	MAJO	Matsushiro	69.90	319	eP	P	19 00 41.6	-0.9	comp=Z,60nm,1.8s	LON	Longmire	76.83	33	eP	P	19 01 23.7	+0.5
CTA	Charters Tower	39.73	257	P	P	19 11 43.7		MAJO	Matsushiro	69.90	319	eP	P	19 00 41.6	-0.9	comp=Z,60nm,1.8s	LON	Longmire	76.83	33	eP	P	19 01 23.7	+0.5
CTA	Charters Tower	39.73	257	P	P	18 57 02.2	-2.2	MAJO	Matsushiro	69.90	319	eP	P	19 00 41.6	-0.9	comp=Z,60nm,1.8s	KSJU	Jeongeup	76.86	313	P	P	19 01 25.9	+2.4
CTA	Charters Tower	39.73	257	P	P	18 57 02.2	-2.2	MAT	Matsushiro	69.90	319	P	P	19 00 42.3	-0.2	SNR=6.7	D05A	Enunclaw	77.02	33	eP	P	19 01 26.0	+1.8
CTA	Charters Tower	39.73	257	P	P	18 57 02.2	-2.2	BSC	Santa Cruz Isl	70.28	44	P	P	19 00 46.0	+1.1	comp=Z,82nm,1.3s	KSRS	Korea Array	77.17	315	P	P	19 01 26.4	+1.2
CTA	Charters Tower	39.73	257	P	P	18 57 01.5	-2.9	SCI	San Clemente I	70.44	46	P	P	19 00 47.1	+1.2	comp=Z,18nm,1.0s,SNR=140,slow=4.7,SNR=43	KSRS	Korea Array	77.17	315	P	P	19 01 26.4	+1.2
CTA	Charters Tower	39.73	257	P	P	18 57 01.5	-2.9	PKM	Peak Mountain	70.68	44	P	P	19 00 48.8	+1.3	comp=Z,18nm,1.0s	KSRS	Korea Array	77.17	315	P	P	19 01 26.4	+1.2
CTA	Charters Tower	39.73	257	P	P	18 57 01.5	-2.9	BLG	Laguna Peak	70.73	45	P	P	19 00 49.2	+1.6	comp=Z,18nm,1.0s	KSRS	Korea Array	77.17	315	P	P	19 01 26.4	+1.2
CTA	Charters Tower	39.73	257	eP	P	18 57 01.5	-2.9	SMMC	Simmler	70.80	43	P	P	19 00 49.6	+									

29d 18h

Table with columns: Station ID, Name, Frequency, Power, Modulation, and Signal-to-Noise Ratio. Includes stations like HANS VALLEY, COLVILLE RESER, HANS VALLEY, etc.

2010 SEP

Table with columns: Station ID, Name, Frequency, Power, Modulation, and Signal-to-Noise Ratio. Includes stations like CHAPARRAL WMA, IDAHO SPRINGS, IDAHO SPRINGS, etc.

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Table with columns: Station ID, Name, Frequency, Power, Modulation, and Signal-to-Noise Ratio. Includes stations like USHA, EDMONTON, EDMONTON, etc.

Table with columns: ID, Name, Az, El, P, M, Date, RA, Dec, SNR, etc. Includes entries like D25A Fairfield, R33A Olander Ranch, G27A Dupree, etc.

Table with columns: SNA, Name, Az, El, P, M, Date, RA, Dec, SNR, etc. Includes entries like SNA Snae, SNA Snae, SNA Snae, etc.

Table with columns: AKASG, Name, Az, El, P, M, Date, RA, Dec, SNR, etc. Includes entries like AKASG Kiev, AKASG Kiev, AKASG Kiev, etc.

2010 SEP

1410

29d 18h

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like HARR Harsova, KMBO Kilima Mbogo, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like KYTH Kithira, MHLO Agia Marina, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like KLV Kalavryta, Ach, KLV Kalavryta, Ach, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Malin Array Be, Stebnicka Huta, Yvonne, Little Rabbit, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Sorong, Baunata, Warrungarra Arr, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Barranco-Do-Ve, Nicolau / Gran, Marnele, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like FAKI, BNDI, SJIJ, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Sorong, Warrungarra Arr, ASAR, etc.

ISCJB 29 19:15:39.9-0.7, 6.5N-0.1, 123.5E-0.2, h600km, mb3.8/9, Error ellipse: s-maj=30.7km s-min=11.1km az=149.5

ISCJB 29 19:30:13.2-1.0, 5.24S-133.52E, h0km, mb3.5/1, mb1 4.0/5, mb1mx3.6/26, mbtmp3.8/5, ML3.9/3, Error ellipse: s-maj=93.5km s-min=24.8km az=67.0, Aru Islands region

ISCJB 29 19:45:55.7-4.9, 5.48S-132.86E, h0km, mb3.5/1, mb1 3.8/4, mb1mx3.4/26, mbtmp3.5/4, ML3.1/3, Error ellipse: s-maj=317.8km s-min=27.7km az=77.0, Aru Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Baunata, Chiang Mai Arr, Warrungarra Arr, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Sorong, Warrungarra Arr, ASAR, etc.

ISCJB 29 19:16:37.4-2.6, 5.21S-133.96E, h0km, mb3.7/1, mb1 4.0/5, mb1mx3.6/39, mbtmp3.9/5, ML3.7/3, MS4.3/1, Ms1 4.3/1, ms1mx3.4/33, Error ellipse: s-maj=68.7km s-min=28.3km az=81.0, Aru Islands region

ISCJB 29 19:30:32.1-0.6, 37.37N-129.47E, h0km, az-41-D, Error ellipse: s-maj=7.1km s-min=2.0km az=68.0, South Korea

ISCJB 29 19:55:26.5-1.8, 4.84S-133.78E, h0km, mb3.5/1, mb1 3.6/5, mb1mx3.4/27, mbtmp3.4/5, ML3.4/4, Error ellipse: s-maj=89.9km s-min=23.4km az=66.0, Irian Jaya region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Sorong, Baunata, Warrungarra Arr, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Sorong, Baunata, Warrungarra Arr, etc.

1415

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like KSH Kashi, MKAR Makanchi Array, BOD Bodaibo, etc.

2010 SEP

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like AKASG Malin Array Be, ARCES ARCES Array B, FINES FINES Array B, etc.

29d 20h

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like FAKI Fak Fak, RANSKI Ransiki, BNDI Bandonaira, etc.

IDC 29 20:22:41.1-3.0, 4.89S, 134.51E, h0km, mb3.5/1, mb1 3.5/4, mb1mx3.3/27, mbtmp3.3/4, ML3.0/3, Error ellipse: s-maj=111.0km s-min=29.5km az=73.0, Irian Jaya region

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

Table with columns: Station Name, Frequency, Power, Direction, and other parameters. Includes stations like ZALV Zalesovo Beam, KURK Kurchatov, VNSA Vanda, etc.

ISCBJ 29 20:39:17.8-0.4, 4.3'64S:0.0'03:172.48E:0.04, h27km,3km, mb3.3/2, Error ellipse: s-maj=6.4km s-min=3.8km az=139.3 NEIC 29 20:39:18.9, 43'63S:172.38E, h10km, ML4.5(WEL), After WEL NEIC Fell in the Chrichstchurch area WEL 29 20:39:19.1-0.1, 4.3'61S:172.37E, h10km, ML4.4/35, Error ellipse: s-maj=0.7km s-min=0.5km az=0 WEL Fell in the Canterbury region, maximum reported intensity MM 6. IDC 29 20:39:19.4-1.6, 4.3'26S:172.16E, h0km, mb3.9/2, mb1 3.8/3, mb1mx3.5/25, mbtmp3.6/3, ML3.9/1, Error

29d 21h

ellipse: s-maj=48.0km s-min=12.5km az=145.0
ISC 29:20:39:18.9,0.9,43.61E,0.03:172.40E,0.03,h15km,6km,
n76,-0.096/72,2C-3D, South Island

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like Canterbury Las, McQueen's Vall, Waitaha Valley, Kahutara, Lake Benmore, etc.

2010 SEP

Main table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like Dannevirke, The Paps, Vera Road, Hauiti, Urewera, etc.

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Table with columns: Code, Station Name, Time Res, ISC. Lists stations like Sidrap Palu, Tana Toraja, Baing, Sumba, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like NLAI Namlea, LBDI Labuha, SANI Sanana, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like ATH 29:22:00, CSEM 29:22:00, SKO 29:22:00, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like CAPV Capacho, VIGV El Vigia, SANC Sanar, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like SIJI 1.6nm, SIJI 3.8nm, WRA Warrungarra Arr, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like SCPH Surigao, MSPL Maasin, BUTP Butuan, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like CHZP Chorzow, OJC Ojcow, OKC Ostrava-Krasne, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like LANS Liptovska Anna, NIE Niedzica, KRALC Kralicky, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like AFSR Af'ar-Bala, AFSR Af'ar-Bala, AFSR Af'ar-Bala, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like KAMT Kaman, KAMT Kaman, KAMT Kaman, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like AUST 29:22:18, AUST 29:22:18, AUST 29:22:18, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like FAJI Fak Fak, SIJI Sorong, SIJI Sorong, etc.

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

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

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

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like BUI 29:22:36, MOS 29:22:36, NEIC 29:22:36, etc.

29d 22h

ISC 29 22:36:40.0, 3.2, 237N, 0.04, 126.75E, 0.05, h51km, 2km, n353, r1944/365, mb4.9/83, MS3.8/19, 23C-32D, Northern Molucca Sea

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

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Table with columns: PSI, Pmax, Pmax, Time, Res, ISC. Lists seismic events with their parameters and station identifiers.

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Table with columns: Station Name, Time, Res, ISC. Lists seismic stations and their recorded data for a specific event.

Table with columns: LEF, Lefka, 0.92 97 ePg, Pg, 23 14 42.6 +0.4, etc. Lists various stations and their coordinates.

IDC 29 23:15:44.2.3.2.5:29S, 133:76E, h0km, mb3.5/1, mb1 3.9/4, mb1mx3.5/31, mbtmp3.7/4, ML3.6/3, MS3.4/1, MS1 3.4/1, ms1mx2.6/24, Error ellipse: s-maj=134.6km s-min=14.0km az=81.0

ISCJB 29 23:15:45.9.0.9.5:16S, 101:06E, h25km, mb3.5/1, MS3.3/1, Error ellipse: s-maj=23.2km s-min=7.2km az=168.8

DJA 29 23:16:04.6.0.6.3:5.6*13.2E, h163km, 11km, M4.2/8, mb4.7/1, mB5.6/1, MLV3.9/8, Mw(MB)5.1/1

ISC 29 23:15:47.1.1.2.5:14S, 107:133.5E, 0.1, h25km, n10, az=67/10, Aru Islands region

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

KRSC 29 23:17:27.6.1.4.52:93N, 162:28E, h53km, 24km, ML3.8, Off east coast of Kamchatka Peninsula

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

IDC 29 23:31:44.9.1.2.5:28S, 133:22E, h0km, mb3.7/4, mb1 4.1/8, mb1mx3.8/28, mbtmp3.9/8, ML4.2/4, MS3.1/1, MS1 3.1/1, ms1mx2.6/25, Error ellipse: s-maj=85.3km s-min=18.7km az=68.0

ISCJB 29 23:31:46.0.0.6.5:1S, 0:06E, 133:6E, 0.1, h25km, mb3.6/4, Error ellipse: s-maj=19.4km s-min=6.9km az=162.3

AUST 29 23:31:47.6.4.9:56S, 133:53E, h60km, mb3.5/1, mb1 4.6/32, mb1mx4.5/37, mbtmp5.0/32, Error ellipse: s-maj=10.8km s-min=6.6km az=87.0

NEIC 30 00:24:10.4.0.1.24:69N, 141:18E, mb5.3/209, MW5.1(NIED), Error ellipse: s-maj=3.5km s-min=2.8km az=133.0

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

Table with columns: KDU, Kakadu, 7.72 189 P, Pn, 23 33 38.9 +0.6, etc. Lists stations like MTN, KNRA, COEN, etc.

ISCJB 29 23:42:53.9.0.6.39:27N, 101:04:33.26E, 0.04, h5km, 7km, Error ellipse: s-maj=7.2km s-min=5.2km az=25.2

DDA 29 23:42:53.1.39:25N, 33:29E, h7km, MD2.8, ISK 29 23:42:53.6.39:30N, 33:27E, h9km, MD2.7, CSEM 29 23:42:53.7.0.2.39:27N, 33:26E, h2km, MD2.7, Error ellipse: s-maj=4.7km s-min=3.6km az=34.0

ISC 29 23:42:53.8.1.0.39:27N, 101:04:33.27E, 0.03, h11km, 10km, n25, az=52/34, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Lists stations like AFSR, BBAL, KAMT, etc.

IDC 29 23:54:47.8.5.5:38S, 133:50E, h0km, mb3.8/1, mb1 3.9/4, mb1mx3.5/27, mbtmp3.7/4, ML3.5/3, Error ellipse: s-maj=307.4km s-min=27.5km az=76.0, Aru Islands region

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

ISCJB 30 00:01:47.0.0.8.4:54S, 107:130.64E, 0.04, h10km, Error ellipse: s-maj=9.7km s-min=6.3km az=174.9

DJA 30 00:01:49.3.0.6.5:5S, 1:13E, h27km, 6km, M4.0/5, mb5.4/1, mB5.4/1, MLV3.4/8, Mw(MB)4.9/1, AUST 30 00:01:48.8.1.2.4:56S, 108:08E, 130:61E, 0.05, h10km, n8, Error ellipse: s-maj=3.2km s-min=0.9km az=271.0

ISC 30 00:01:47.8.1.2.4:56S, 108:08E, 130:61E, 0.05, h10km, n8, az=62/10, Banda Sea

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

NIED 30 00:24:06.24:56N, 141:43E, h208km, mb5.1/67, mb4.8/46

ISCJB 30 00:24:08.4.0.4.24:67N, 101:02:14.19E, 0.02, h203km, 3km, mb5.1/273, Error ellipse: s-maj=3.3km s-min=2.6km az=159.4

MOS 30 00:24:08.2.0.9.24:74N, 141:107E, h204km, mb5.1/71, MS5.2/8, Error ellipse: s-maj=7.3km s-min=4.5km az=104.1

GCMT 30 00:24:10.4.0.6.24:67N, 141:20E, h210km, 5km, MW5.2/62, Moment tensor. s28,c37; s62,c100; Duration: 1s0 Moment tensor. Scale: 1017Nm; Mo:0.50E+05; Mw:0.35E+05; Ms:0.84E+05; Mo-0.52E+04; Mo-0.07E+05; Mo-0.03E+05; Best double couple: Mo:90100x1017 Np1:210.00000, s58.00000, 1.141.00000, Np2:324.00000, s57.00000, 1.39.00000

Principal axes: T: 0.9500, Plg49.0000, Azm177.0000; N: -0.0960, Plg41.0000, Azm357.0000; P: -0.8530, Plg0.0000, Azm267.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s.

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

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

NEIC Recorded [1 JMA] in the Chichijima-retto and Haha-jima-retto, JMA 30 00:24:10.7.0.2.24:91N, 141:29E, h201km, M5.3, JMA Felt J1, ISC 30 00:24:10.5.0.3.24:81N, 141:31E, 0.03, h211km, 2km, h211km, pP-P, n898, s1s36/983, mb5.2/274, 26C-26D, Volcano Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h m s, ISC. Lists stations like ANA, JKO, BS01, etc.

ISC 30 00:24:10.5.0.3.24:81N, 141:31E, 0.03, h211km, 2km, h211km, pP-P, n898, s1s36/983, mb5.2/274, 26C-26D, Volcano Islands region

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

ISC 30 00:24:10.5.0.3.24:81N, 141:31E, 0.03, h211km, 2km, h211km, pP-P, n898, s1s36/983, mb5.2/274, 26C-26D, Volcano Islands region

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

ISC 30 00:24:10.5.0.3.24:81N, 141:31E, 0.03, h211km, 2km, h211km, pP-P, n898, s1s36/983, mb5.2/274, 26C-26D, Volcano Islands region

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

ISC 30 00:24:10.5.0.3.24:81N, 141:31E, 0.03, h211km, 2km, h211km, pP-P, n898, s1s36/983, mb5.2/274, 26C-26D, Volcano Islands region

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

ISC 30 00:24:10.5.0.3.24:81N, 141:31E, 0.03, h211km, 2km, h211km, pP-P, n898, s1s36/983, mb5.2/274, 26C-26D, Volcano Islands region

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

30d Oh

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like KURK Kurchatov, MSVF Nonsavu, and many others.

2010 SEP

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like SCM Sheep Creek Mo, CCB Clear Creek Bu, and many others.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like E03A Lebam, HATD Hatta, Dubai, and many others.

I07A	Izeze	79.35	46	eP	P	00 35 54.5 +1.4
NSHM	Saint Helena R	79.44	53	eP	P	00 35 55.1 +1.5
FAIO	FINNESS Array S	79.64	334	eP	P	00 35 52.9 -1.2
FIAD	FINNESS Array B	79.64	334	eP	P	00 35 52.9 -1.2
FINES	FINNESS Array B	79.64	334	eP	P	00 35 52.9 -1.2
MOD	Modoc	79.70	49	eP	P	00 35 56.4 +1.2
IVIS	Zeis	79.80	303	eP	P	00 35 54.1 -1.6
OHCM	Honcut	79.92	51	eP	P	00 35 57.4 +1.3
F10A	Beach Ranch, E	80.03	44	eP	P	00 35 57.9 +1.2
J08A	Circle Bar Ranch	80.33	47	eP	P	00 35 59.9 +1.5
WVOR	Wild Horse Val	80.61	48	eP	P	00 36 01.3 +1.3
WVOR	Wild Horse Val	80.61	48	eP	P	00 36 01.2 +1.3
WALA	Waterton Lakes	80.69	40	eP	P	00 36 01.7 +1.5
BSMT	Bassoo Peak	80.71	41	eP	P	00 36 02.0 +1.5
BLMT	Blacktail Moun	80.89	41	eP	P	00 36 02.9 +1.2
SAO	San Andreas Ge	80.98	54	eP	P	00 36 03.1 +1.2
SAO	San Andreas Ge	80.98	54	eP	P	00 36 03.1 +1.2
JTMT	Jetty	81.06	41	eP	P	00 36 03.5 +1.3
ABTO	Abtut	81.15	285	P	P	00 36 02.6 -0.5
YBMT	Yellow Bay	81.17	41	eP	P	00 36 04.0 +1.2
CMB	Columbia Colle	81.23	52	eP	P	00 36 04.3 +1.1
CMB	Columbia Colle	81.23	52	eP	P	00 36 04.3 +1.1
CMB	Columbia Colle	81.23	52	eP	P	00 36 04.3 +1.1
SWMT	Swartz Lake	81.34	42	eP	P	00 36 04.6 +1.0
MSO	Missoula	81.69	42	eP	P	00 36 06.3 +0.8
SLMT	Seeley Lake	81.77	42	eP	P	00 36 07.0 +1.0
MFID	Camas Ranch	82.05	46	eP	P	00 36 08.6 +1.2
CHMT	Chamberlain Mo	82.07	42	eP	P	00 36 08.1 +0.5
ANN	Anapa	82.07	316	eP	P	00 36 06.2 -1.1
BMN	Battle Mountai	82.43	49	eP	P	00 36 11.2 +1.6
BMN	Battle Mountai	82.43	49	eP	P	00 36 11.2 +1.6
BMN	Battle Mountai	82.43	49	eP	P	00 36 11.2 +1.6
MLAC	Mammoth Lakes	82.52	52	eP	P	00 36 11.4 +1.3
NV01	Mina Array Sit	82.55	51	eP	P	00 36 11.1 +0.8
NVAR	Mina Array Sit	82.55	51	eP	P	00 36 11.4 +1.1
SMMC	Simmler	82.66	55	P	P	00 36 12.0 +1.3
RCTO	Rector, Farmer	82.79	53	P	P	00 36 11.6 +0.4
MTUM	Tungsten Hills	82.83	52	eP	P	00 36 12.8 +1.0
HLID	Hailey	82.90	45	eP	P	00 36 13.2 +1.3
PKM	Peak Mountain	82.97	55	P	P	00 36 13.6 +1.1
HRY	Holter Researc	83.02	42	eP	P	00 36 13.7 +1.2
LRM	Limekiln Ridge	83.07	43	eP	P	00 39 21.2 -4.6
VES	Vestlal, Richgr	83.10	54	P	P	00 36 13.9 +1.1
DLMT	Dillon	83.20	43	eP	P	00 36 14.8 +1.4
TIN	Tinemaha	83.20	52	P	P	00 36 14.5 +0.9
SBC	Santa Barbara	83.24	55	P	P	00 36 15.1 +1.5
MCMT	McKenzie Canyo	83.30	44	eP	P	00 36 15.3 +1.2
CWC	Santa Cruz Isl	83.49	56	P	P	00 36 15.8 +0.9
BSC	Cottonwood Cre	83.58	53	P	P	00 36 16.1 +0.6
ARVC	Arvin	83.60	54	P	P	00 36 16.1 +0.7
EGMT	Eggleton	83.61	40	eP	P	00 36 16.3 +0.9
ISA	Isabella	83.63	54	eP	P	00 36 15.8 +0.1
ISA	Isabella	83.63	54	eP	P	00 36 15.9 +0.2
ISA	Isabella	83.63	54	eP	P	00 36 15.8 +0.2
ELK	Elko	83.64	48	eP	P	00 36 17.1 +1.2
ELK	Elko	83.64	48	eP	P	00 36 17.1 +1.2
BOZ	Bozeman (W)	83.66	42	eP	P	00 36 16.9 +1.2
BOZ	Bozeman (W)	83.66	42	eP	P	00 36 16.9 +1.2
BOZ	Bozeman (W)	83.66	42	eP	P	00 36 16.9 +1.2
GRAC	Grapevine Rang	83.84	52	P	P	00 36 17.6 +0.9
BLG	Laguna Peak	83.87	55	P	P	00 36 17.6 +0.8
AKASG	Malin Array Be	83.98	324	eP	P	00 36 15.4 -1.6
AKASG	Malin Array Be	83.98	324	eP	P	00 36 15.6 -1.4
AKASG	Malin Array Be	83.98	324	eP	P	00 36 15.4 -1.6
AKB	Malin Array S	83.98	324	eP	P	00 36 15.4 -1.6
AKB	Malin Array S	83.98	324	eP	P	00 36 15.4 -1.6
KIEV	Kiev	83.98	324	eP	P	00 36 15.2 -1.9
KIEV	Kiev	83.98	324	eP	P	00 36 15.7 -1.4
KIEV	Kiev	83.98	324	eP	P	00 36 15.7 -1.4
DAR	Darwin (Calif)	84.00	53	eP	P	00 36 18.4 +0.7
DAC	Darwin (Calif)	84.00	53	eP	P	00 36 18.4 +0.7
DAC	Darwin (Calif)	84.00	53	eP	P	00 36 18.4 +0.7
AK11	Malin Array Si	84.03	324	eP	P	00 36 15.6 -1.6
SIM	Simferopol'	84.08	317	eP	P	00 36 16.7 -1.0
SIM	Simferopol'	84.08	317	eP	P	00 37 10.0 +1.1
FFC	Flin Flon	84.09	31	eP	P	00 36 18.2 +0.7
FFC	Flin Flon	84.09	31	eP	P	00 36 18.0 +0.5
FFC	Flin Flon	84.09	31	eP	P	00 36 18.2 +0.7
MPMC	Manual Prospec	84.17	53	P	P	00 36 19.4 +0.8
QLMT	Earthquake Lak	84.18	43	eP	P	00 36 20.1 +1.7
LRMC	Laurel Mountai	84.28	54	P	P	00 36 20.0 +0.9
EDW2	Edwards Air Fo	84.33	54	P	P	00 36 20.3 +1.1
DECC	Green Verdugo	84.35	55	P	P	00 36 20.4 +1.1
PASC	Pasadena Art C	84.49	55	eP	P	00 36 21.0 +1.0
R11A	Troy Canyon, C	84.50	50	P	P	00 36 21.0 +0.8
R11A	Troy Canyon, C	84.50	50	P	P	00 36 21.0 +0.8
YHH	Holmes Hill	84.56	43	eP	P	00 36 22.2 +1.7
TPNV	Topopah Spring	84.67	52	eP	P	00 36 21.8 +0.8
TPNV	Topopah Spring	84.67	52	eP	P	00 36 21.8 +0.8
TPNV	Topopah Spring	84.67	52	eP	P	00 36 21.8 +0.8
GCMT	Greyciff	84.78	42	eP	P	00 36 22.7 +1.3
HVU	Hansel Valley	84.80	46	eP	P	00 36 23.0 +1.4
HVU	Hansel Valley	84.80	46	eP	P	00 36 23.0 +1.4
HVU	Hansel Valley	84.80	46	eP	P	00 36 23.0 +1.4
BFSC	Mount Baldy Ra	84.86	55	P	P	00 36 22.4 +0.5

H17A	Grant Village	84.93	43	P	P	00 36 23.7 +1.5
H17A	Grant Village	84.93	43	eP	P	00 36 24.9 +2.6
IMW	Indian Meadow	84.95	44	eP	P	00 36 24.1 +1.7
LKWY	Lake	84.95	43	eP	P	00 36 26.0 +3.6
LKWY	Lake	84.95	43	eP	P	00 36 26.0 +3.6
LKWY	Lake	84.95	43	eP	P	00 36 26.0 +3.6
FLWY	Flagg Ranch	85.01	43	eP	P	00 36 24.6 +2.0
GSC	Goldstone	85.01	53	eP	P	00 36 23.5 +0.9
GSC	Goldstone	85.01	53	P	P	00 36 23.7 +1.0
GSC	Goldstone	85.01	53	eP	P	00 36 23.5 +0.9
FXWY	Fox Creek	85.02	44	eP	P	00 36 24.3 +1.6
BGU	Big Grassy Mou	85.04	47	eP	P	00 36 23.9 +1.1
TPAW	Teton Pass	85.14	44	eP	P	00 36 25.3 +1.9
MOOV	Moose Pond	85.14	44	eP	P	00 36 24.7 +1.4
SUW	Suwalki	85.18	329	eP	P	00 36 20.7 -2.2
SUW	Suwalki	85.18	329	eP	P	00 36 20.7 -2.2
SUW	Suwalki	85.18	329	eP	P	00 36 20.3 -2.6
SPUT	South Promont	85.24	47	eP	P	00 36 24.8 +1.1
REDW	Red Top Meadow	85.27	44	eP	P	00 36 25.3 +1.3
SNOW	Snow King Moun	85.28	44	eP	P	00 36 26.0 +1.9
LOHW	Long Hollow	85.30	44	eP	P	00 36 25.2 +1.2
RAYN	Ar Rayn	85.34	294	P	P	00 36 24.0 -0.4
RLMT	Red Lodge	85.37	42	eP	P	00 36 25.9 +1.5
AHID	Auburn Hatcher	85.41	45	eP	P	00 36 26.1 +1.6
NB2	NORSAR Subarra	85.43	338	P	P	00 36 21.6 -2.5
NB200	NORSAR Array S	85.43	338	eP	P	00 36 22.0 -2.1
NOA	NORSAR Array B	85.43	338	eP	P	00 36 22.0 -2.1
MURC	Murrieta	85.48	58	eP	P	00 36 25.5 +0.6
DUG	Dugway	85.53	48	eP	P	00 36 26.2 +1.0
DUG	Dugway	85.53	48	eP	P	00 36 26.2 +1.0
HEC	Hector,Ludlow	85.57	54	P	P	00 36 26.2 +0.8
TUQ	Turquoise Moun	85.59	53	P	P	00 36 26.3 +0.7
SHPR	Sheep Range	85.56	52	eP	P	00 36 27.0 +1.1
HWUT	Hardware Ranch	85.58	46	eP	P	00 36 27.0 +1.1
RSUT	Red Spur Moun	85.76	46	eP	P	00 36 27.6 +1.1
109C	Camp Elliot, M	85.87	56	P	P	00 36 27.5 +0.7
CTU	Camp Tracy	86.00	47	eP	P	00 36 28.8 +1.2
TCUT	Toone Canyon	86.02	46	eP	P	00 36 28.9 +1.2
PFO	Pinyon Flat Ob	86.03	55	eP	P	00 36 28.4 +0.6
PFO	Pinyon Flat Ob	86.03	55	P	P	00 36 28.0 +0.2
PFO	Pinyon Flat Ob	86.03	55	P	P	00 36 28.5 +0.8
PFO	Pinyon Flat Ob	86.03	55	eP	P	00 36 28.4 +0.6
GMRC	Granite Moun	86.08	53	P	P	00 36 28.7 +0.7
NLU	North Lily Min	86.15	48	eP	P	00 36 29.4 +1.1
BELC	Belle Mtn. Jos	86.19	54	P	P	00 36 29.0 +0.4
BAR	Barrett	86.29	56	eP	P	00 36 29.5 +0.6
LDFC	Landfair	86.35	53	eP	P	00 36 30.1 +0.8
MONP	Monument Peak	86.39	55	P	P	00 36 30.6 +1.0
BW06	Boulder Array	86.39	44	eP	P	00 36 30.1 +0.7
O16A	Springville	86.41	47	eP	P	00 36 35.2 +5.6
MPU	Maple Canyon	86.41	47	eP	P	00 36 30.9 +1.3
CCUT	Cedar City	86.43	50	eP	P	00 36 31.2 +1.4
DGMT	Dagmar	86.52	37	eP	P	00 36 30.4 +0.7
IBP	Imperial Block	86.73	56	P	P	00 36 31.8 +0.6
IRM	Iron Mountain	86.74	54	P	P	00 36 31.9 +0.8
BC3	Big chuckwall	86.75	54	P	P	00 36 32.1 +0.8
MSU	Marysvale	86.78	49	eP	P	00 36 32.8 +1.3
MSU	Marysvale	86.78	49	eP	P	00 36 32.1 +0.6
SWSC	Sam W. Stewart	86.83	55	P	P	00 36 32.1 +0.9
A25A	Svangust Ranch	86.84	37	P	P	00 36 32.1 +0.9
NEE2	Needles Airpor	86.85	53	P	P	00 36 32.0 +0.5
BR101	Keskin Array S	86.96	313	eP	P	00 36 30.6 -1.6
BR101	Keskin Array S	86.96	313	eP	P	00 37 22.4 -1.4
BR101	Keskin Array S	86.96	313	eP	P	00 54 22.1 0.0
BRTR	Keskin Array B	86.97	313	eP	P	00 36 30.6 -1.6
BRTR	Keskin Array B	86.97	313	eP	P	00 37 22.4 -1.4
BRTR	Keskin Array B	86.97	313	eP	P	00 54 22.1 0.0
TMUT	Trail Mountai	87.05	55	eP	P	00 36 34.7 +1.8
B25A	Knox Farm, Ray	87.20	37	P	P	00 36 33.7 +0.7
P17A	Butcher Ranch,	87.28	47	eP	P	00 36 35.0 +1.3
PDMC	Parker Dam,Lak	87.42	53	P	P	00 36 34.8 +0.6
A26A	Wade Farm, Ken	87.45	36	P	P	00 36 34.6 +0.4
ANTO	Ankara	87.46	313	eP	P	00 36 33.6 -0.8
C25A	Fred Ranch, W	87.47	38	P	P	00 36 34.9 +0.6
BR231	Keskin MP Arra	87.48	313	eP	P	00 36 31.3 -3.3
BR231	Keskin MP Arra	87.48	313	eP	P	00 37 21.9 -4.0
GLA	Glamis	87.50	55	eP	P	00 36 36.3 +1.6
GLA	Glamis	87.50	55	P	P	00 36 35.5 +0.8
GLA	Glamis	87.50	55	eP	P	00 36 36.3 +1.6
P18A	Preston Nutter	87.53	47	eP	P	00 36 36.2 +1.1
SRU	San Rafael	87.61	48	eP	P	00 36 36.1 +0.8
SRU	San Rafael	87.61	48	eP	P	00 36 36.1 +0.8
B26A	Jensen Ranch,	87.64	37	P	P	00 36 35.8 +0.7
D25A	Fairfield	87.75	38	P	P	00 36 36.5 +0.8
A27A	Ledoux Ranch,	87.84	36	P	P	00 36 36.5 +0.5
BURAR	Bucovina Array	87.88	323	eP	P	00 36 35.4 -0.9
BUR04	Bucovina Ar. S	87.89	323	eP	P	00

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W30A	Crocket Farms	75.56 337	P	P	00 38 02.1 -0.4
V32A	Arapaho	75.59 339	P	P	00 38 02.3 -0.3
AMTX	Amarillo	75.64 336	eP	P	00 38 03.0 -0.1
AMTX	comp-Z,500nm,18.0s		LR	LR	
121A	Cookes Peak, D	75.74 330	P	P	00 38 03.2 -0.6
T37A	Cheneyville 18	75.80 342	P	P	00 38 03.7 -0.1
U34A	Anderson Ranch	75.83 340	P	P	00 38 03.6 -0.4
U34A	Anderson Ranch	75.83 340	eP	P	00 38 06.2 +2.2
W29A	Amraillo	75.85 336	P	P	00 38 03.9 -0.3
MCWV	Mont Chateau	75.86 355	eSP	P	00 38 08.4 +4.4
V31A	Spring Creek L	75.88 338	eP	P	00 38 03.7 -0.6
OLIL	Olney	75.94 348	eP	P	00 38 05.9 +1.4
T36A	Boggs Farm, Ca	75.98 342	P	P	00 38 04.8 +0.1
U33A	Lingo Farm, Me	75.99 340	P	P	00 38 04.6 -0.3
T35A	Sooner Cattle	76.01 341	P	P	00 38 04.3 -0.6
MVL	Millersville	76.01 358	eP	P	00 38 08.6 +3.7
MVL	Millersville	76.01 358	eP	P	00 38 04.7 -0.1
BLO	Bloomington	76.12 349	eP	P	00 38 07.5 +2.0
BLO	Bloomington	76.12 349	eP	P	00 38 07.5 +2.0
V30A	Spur Ranch, Mi	76.13 337	P	P	00 38 05.5 -0.3
W28A	Vega	76.15 336	P	P	00 38 05.2 -0.7
U32A	Winter Ranch,	76.19 339	P	P	00 38 06.3 +0.2
SLM	Saint Louis	76.23 346	eSP	P	00 38 10.2 +4.1
T34A	McClaskey Farm	76.29 340	P	P	00 38 06.2 -0.4
S37A	Fort Scott	76.38 343	P	P	00 38 06.7 -0.3
U31A	Nine Bar Ranch	76.44 338	P	P	00 38 07.7 +0.3
LIC	Lamto	76.45 72	eP	P	00 38 08.1 0.0
V29A	Stinnett	76.50 337	P	P	00 38 06.6 -1.3
S36A	Lake Cedric, C	76.53 342	P	P	00 38 08.0 0.0
V28A	Channing	76.61 336	P	P	00 38 08.7 +0.2
T33A	Patterson Ranc	76.63 340	P	P	00 38 07.3 -1.3
BRNJ	Basking Ridge	76.65 359	eP	P	00 38 13.4 +4.9
BRNJ	Basking Ridge	76.65 359	PFAKE	LR	00 38 10.0 +1.6
S35A	Otter Creek Ra	76.68 341	P	P	00 38 08.6 -0.1
SSPA	Standing Stone	76.71 356	eP	P	00 38 07.2 -1.6
ACSO	Alum Creek Sta	76.71 352	eP	P	00 38 07.2 -1.7
ACSO	comp-Z,258nm,1.7s		LR	LR	
ACSO	comp-Z,900nm,21.0s		LR	LR	
BNC	Barren Site	76.72 332	eP	P	00 38 10.2 +0.8
TTC	Toumudi	76.73 71	eP	P	00 38 10.1 +0.5
CPNY	Central Park	76.75 359	PFAKE	LR	00 38 10.0 +1.0
CPNY	comp-Z,800nm,19.0s		LR	LR	
KIC	Kosan Boka	76.76 72	eP	P	00 38 09.2 -0.6
Y22D	IRIS PASSCAL I	76.77 332	P	P	00 38 09.9 +0.4
Y22D	IRIS PASSCAL I	76.77 332	PFAKE	LR	00 38 10.0 +0.5
TUC	Tucson	76.79 328	eP	P	00 38 09.4 -0.2
TUC	Tucson	76.79 328	eP	P	00 38 09.3 -0.2
V27A	Dan Oppiter Fa	76.82 336	P	P	00 38 09.7 0.0
U30A	WK&E Inc. Balk	76.83 338	P	P	00 38 09.8 +0.1
DBIC	Dimbokro	76.87 72	eP	P	00 38 10.2 -0.1
DBIC	Dimbokro	76.87 72	eP	P	00 38 11.0 +0.7
DBIC	comp-Z,25nm,1.1s,baz=196,slow=5.4,SNR=17		LR	LR	01 09 58.7
DBIC	comp-Z,1um,19.4s,baz=220,slow=34		LR	LR	
DBIC	Dimbokro	76.87 72	eP	P	00 38 11.1 +0.7
DBIC	comp-Z,71nm,1.4s		LR	LR	
DBIC	comp-Z,71nm,1.4s		LR	LR	
LPM	Los Pinos Moun	76.87 332	eP	P	00 38 13.0 +2.9
S34A	Willow Spring	76.90 341	P	P	00 38 09.8 -0.2
R37A	Teagarden Farm	76.91 343	P	P	00 38 09.8 -0.2
T32A	Huddler Ranch,	76.92 339	P	P	00 38 10.3 +0.2
U29A	Oasis Ranch, S	76.95 337	P	P	00 38 10.4 0.0
PAL	Palisades	76.97 359	PFAKE	LR	00 38 10.0 -0.2
PAL	comp-Z,900nm,20.0s		LR	LR	
S33A	Kaszmaul Farm,	77.04 340	P	P	00 38 10.8 0.0
ODNJ	Ogdensburg	77.05 359	eP	P	00 38 12.0 +1.2
ODNJ	comp-Z,900nm,20.0s		LR	LR	
T31A	Randall Ranch,	77.06 339	P	P	00 38 11.4 +0.4
R36A	Gordon, Harris	77.08 342	P	P	00 38 11.4 +0.4
LAZ	Ladron	77.14 332	eP	P	00 38 12.5 +0.8
U28A	Mallet	77.19 336	P	P	00 38 12.3 +0.5
R35A	Emporia Municipi	77.25 342	P	P	00 38 12.6 +0.6
T30A	Plains	77.27 338	P	P	00 38 12.8 +0.6
YLE	Yale	77.27 0	eP	LR	00 38 18.5 +6.5
Q37A	Longview Farm,	77.35 343	P	P	00 38 12.8 +0.3
ANMO	Albuquerque	77.37 333	iP	P	00 38 15.2 +2.3
ANMO	comp-Z,49nm,1.3s		LR	LR	
ANMO	Albuquerque	77.37 333	eP	P	00 38 12.6 -0.3
ANMO	comp-Z,1um,20.0s		LR	LR	
SFIN	Scholer Farm	77.39 349	P	P	00 38 13.3 +0.6
SFIN	Scholer Farm	77.39 349	eP	P	00 38 16.5 +3.9
SFIN	comp-Z,1um,19.0s		LR	LR	
S32A	Newby Ranch, P	77.41 339	P	P	00 38 13.6 +0.7
U27A	Thompson Grove	77.42 336	P	P	00 38 13.5 +0.4
S31A	Mullinville	77.49 339	P	P	00 38 13.9 +0.5
R34A	Isabella, Hill	77.50 341	P	P	00 38 13.9 +0.5
T29A	Hugoton	77.60 337	P	P	00 38 14.4 +0.3
CASY	Casey	77.67 182	eP	P	00 38 13.7 -0.4
CASY	comp-Z,116nm,1.5s		LR	LR	
Q36A	Arnold C. Orve	77.67 342	P	P	00 38 15.6 +1.3
R33A	Olander Ranch,	77.71 340	P	P	00 38 15.2 +0.7
SOE	Somerset East	77.71 122	eP	IAMB	00 38 13.2 -1.8
SOE	comp-Z,82nm,1.3s		LR	LR	00 38 48.2
Q35A	Mercer Eighty,	77.72 342	P	P	00 38 15.6 +1.0
S30A	Montezuma	77.80 338	P	P	00 38 15.7 +0.6
T28A	Walsh	77.83 337	P	P	00 38 16.0 +0.7
ALLY	Alegheny Colle	77.86 355	eP	P	00 38 20.0 +4.8

BRYW	Bryant College	77.89 1	eP	P	00 38 19.1 +3.7
HDIL	Hopedale	77.92 348	eP	P	00 38 18.4 +2.8
T27A	Campo	77.97 336	P	P	00 38 16.8 +0.6
S29A	Ulysses	77.97 338	P	P	00 38 16.7 +0.6
Q34A	Chapman	78.01 341	P	P	00 38 16.2 0.0
R32A	Long Quarter,	78.02 340	P	P	00 38 16.8 +0.6
KSU1	Kansas State U	78.09 342	eP	P	00 38 17.4 +0.8
R31A	Burdett	78.12 339	P	P	00 38 17.5 +0.7
S28A	Manter	78.19 337	P	P	00 38 18.1 +0.8
BINY	Binghamton	78.19 358	ePcP	PcP	00 38 22.1 -4.5
BINY	comp-Z,1um,20.0s		LR	LR	
P36A	Good Intent, A	78.24 343	P	P	00 38 18.4 +1.0
Q33A	Connelly Farm,	78.31 341	P	P	00 38 18.7 +0.8
ERPA	Erie	78.32 355	PFAKE	LR	00 38 20.0 +2.2
ERPA	comp-Z,900nm,19.0s		LR	LR	
R30A	Dighton	78.34 339	P	P	00 38 19.1 +1.0
P35A	Duane Minner,	78.35 342	P	P	00 38 17.8 -0.2
T26A	Comanche Natio	78.36 336	P	P	00 38 17.8 -0.6
HRV	Adam Dzewonski	78.48 1	eP	P	00 38 22.1 +3.5
HRV	Adam Dzewonski	78.48 1	eP	P	00 38 22.1 +3.5
Q32A	Mettler Ranch,	78.50 340	P	P	00 38 17.9 -1.3
P34A	Walnut Farm, R	78.57 342	P	P	00 38 17.9 -1.4
S27A	Las Animas	78.59 336	P	P	00 38 18.1 -1.5
T25A	Trinidad	78.60 335	P	P	00 38 17.9 -1.9
T25A	Trinidad	78.60 335	eP	P	00 38 19.1 -0.6
T25A	comp-Z,500nm,19.0s		LR	LR	
Q36A	Bolckow	78.67 343	P	P	00 38 18.4 -1.3
CBKS	Cedar Bluff	78.67 339	eP	P	00 38 18.8 -1.1
CBKS	Cedar Bluff	78.67 339	eP	P	00 38 18.8 -1.1
TRY	Troy	78.69 360	eP	P	00 38 20.9 +1.1
P33A	Williams Farm,	78.69 341	P	P	00 38 18.9 -1.0
R29A	Mentelhal	78.72 338	P	P	00 38 18.8 -1.4
S26A	Kim	78.72 336	P	P	00 38 19.2 -1.2
Q31A	Ellis	78.75 340	P	P	00 38 19.6 -0.7
W18A	Petrified Fore	78.79 330	P	P	00 38 19.8 -1.0
W18A	Petrified Fore	78.79 330	eP	LR	00 38 24.3 +3.5
W18A	comp-Z,1um,19.0s		LR	LR	
MMNV	Mt. Morris Dam	78.80 357	eP	P	00 38 17.4 -3.1
MMNV	comp-Z,100nm,1.5s		LR	LR	
MMNV	comp-Z,900nm,20.0s		LR	LR	
R28A	Tribune	78.85 337	P	P	00 38 19.9 -1.1
HVD	Gariep Dam	78.88 120	eP	IAMB	00 38 22.3 +0.7
HVD	comp-Z,109nm,1.4s		IAMB	IAMB	00 38 23.6
Q30A	Quinter	78.96 339	P	P	00 38 20.9 -0.6
Q35A	Humboldt	79.02 343	P	P	00 38 21.5 -0.2
Q29A	Oakley	79.10 338	P	P	00 38 22.0 -0.3
P32A	Huiting Farm,	79.11 340	P	P	00 38 21.4 -0.8
R27A	Paradox Valley	79.11 337	P	P	00 38 21.7 -0.7
Q34A	Beatrice	79.14 342	P	P	00 38 21.7 -0.6
GLA	Glamis	79.21 325	eP	P	00 38 22.9 -0.1
GLA	Glamis	79.21 325	eP	P	00 38 21.7 -1.3
GLA	Glamis	79.21 325	eP	P	00 38 22.9 -0.1
P31A	Stockton	79.23 340	P	P	00 38 21.8 -1.1
Q33A	Heron	79.26 341	P	P	00 38 22.1 -0.9
R26A	Arlington	79.33 336	P	P	00 38 22.6 -1.0
ACCN	Adirondack Com	79.34 360	eP	P	00 38 23.6 +0.2
P30A	Selden	79.49 339	P	P	00 38 23.5 -0.9
N35A	Tabor	79.52 343	P	P	00 38 23.4 -1.0
Q28A	Sharon Springs	79.52 338	P	P	00 38 24.3 -0.3
SDCO	Great Sand Dun	79.52 335	eP	LR	00 38 24.4 -0.5
SDCO	comp-Z,600nm,20.0s		LR	LR	
TSUM	Tsumeb	79.53 106	eP	P	00 38 26.9 +1.5
TSUM	comp-Z,106nm,1.8s		LR	LR	
TSUM	comp-Z,1um,19.0s		LR	LR	
SWSC	Sam W. Stewart	79.57 325	P	P	00 38 24.0 -0.8
Q32A	Brockman Farm,	79.62 341	P	P	00 38 24.1 -0.9
N34A	Lincoln	79.70 342	P	P	00 38 25.1 -0.4
KSCO	Kaye Shedlock'	79.72 337	P	P	00 38 25.2 -0.5
P29A	Atwood	79.75 339	P	P	00 38 25.2 -0.5
BAR	Barrett	79.76 324	eP	P	00 38 29.6 +3.6
WUAZ	Wupatki	79.80 329	eP	LR	00 38 29.4 +3.1
WUAZ	comp-Z,900nm,18.0s		LR	LR	
Q31A	Woolen Ranch,	79.80 340	P	P	00 38 25.7 -0.3
MONP	Monument Peak	79.82 324	P	P	00 38 25.5 -1.0
N33A	J Bar K, Exete	79.85 342	P	P	00 38 25.6 -0.7
BOSA	Boshof	79.87 118	iP	IAMB	00 38 27.3 +0.3
BOSA	comp-Z,91nm,1.4s		IAMB	IAMB	00 38 27.9
BOSA	comp-Z,2um,5.2s		IAMS_20	IAMS_20	00 46

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K29A	Lazy Trails An	82.50 340	P	P	00 38 40.6 +0.3
N23A	Red Feather La	82.50 336	P	P	00 38 41.0 +0.4
N23A	Red Feather La	82.50 336	eP	LR	00 38 43.2 +2.6
N23A	comp=Z,500nm,18.0s				
LRMC	Laurel Mountai	82.54 325	P	P	00 38 40.6 -0.2
SRU	San Rafael	82.57 332	eP	MLR	00 38 43.4 +2.5
SRU	comp=Z,800nm,18.0s				
SRU	San Rafael	82.57 332	eP	LR	00 38 43.4 +2.5
J31A	Geddes	82.58 342	P	P	00 38 39.8 -0.8
I34A	Hadley	82.59 344	P	P	00 38 38.7 -2.0
O20A	White River Ci	82.62 334	P	P	00 38 40.8 -0.4
O20A	White River Ci	82.62 334	eP	P	00 38 43.8 +2.6
MSU	Marysville	82.70 330	eP	P	00 38 43.9 +2.2
MSU	Marysville	82.70 330	eP	P	00 38 43.9 +2.2
PHWY	Pilot Hill	82.70 336	eP	P	00 38 44.1 +2.4
K28A	Ten Mile Ranch	82.75 340	P	P	00 38 41.1 -0.5
J30A	Dallas	82.80 341	P	P	00 38 41.0 -0.9
I33A	Coleman	82.81 343	P	P	00 38 40.6 -1.2
P18A	Preston Nutter	82.91 332	eP	LR	00 38 42.9 0.0
P18A	comp=Z,1um,18.0s				
MPMC	Manual Prospec	82.93 325	P	P	00 38 41.4 -1.5
I32A	Karley and Nic	82.95 343	P	P	00 38 40.5 -2.1
P17A	Butcher Ranch	82.96 332	eP	LR	00 38 45.5 +2.5
P17A	comp=Z,600nm,22.0s				
FURC	Furnace Creek,	82.98 326	P	P	00 38 42.1 -0.8
K27A	Flueckinger Fa	82.99 339	P	P	00 38 43.1 +0.2
TMUT	Trail Mountain	82.99 331	eP	P	00 38 46.1 +2.8
L25A	Engelbretsen Ra	83.00 338	P	P	00 38 44.0 +1.0
ISA	Isabella	83.06 324	eP	P	00 38 46.5 +3.1
ISA	Isabella	83.06 324	eP	P	00 38 42.9 -0.6
ISA	Isabella	83.06 324	eP	P	00 38 46.5 +3.1
ISA	Peak Mountain	83.08 323	P	P	00 38 44.1 +0.4
SPMN	St. Paul	83.08 346	P	P	00 38 43.3 +0.1
SPMN	St. Paul	83.08 346	eP	LR	00 38 44.8 +1.5
SPMN	comp=Z,900nm,20.0s				
J29A	Okreek	83.10 340	P	P	00 38 44.6 +1.2
TPNV	Topopah Spring	83.10 327	eP	P	00 38 46.9 +3.1
TPNV	Topopah Spring	83.10 327	eP	P	00 38 46.9 +3.1
DAC	Darwin (Calif)	83.15 325	eP	P	00 38 46.7 +2.6
DAC	Darwin (Calif)	83.15 325	eP	P	00 38 46.7 +2.6
H34A	Spellman Lake,	83.17 344	P	P	00 38 44.1 +0.4
K26A	Motz Farm, Whi	83.26 338	P	P	00 38 43.3 -1.0
G36A	St. Michael	83.28 346	P	P	00 38 43.9 -0.4
J28A	Allard Ranch,	83.36 340	P	P	00 38 43.9 -0.9
K25A	Mack Ranch, Ha	83.39 338	P	P	00 38 45.6 +0.6
H32A	Carlson Farm,	83.39 343	P	P	00 38 44.4 -0.4
H33A	Prehn Over Nor	83.40 343	P	P	00 38 44.5 -0.4
G35A	Watkins	83.41 345	P	P	00 38 45.4 +0.4
J27A	Elkhorn Farm,	83.42 339	P	P	00 38 45.8 +0.6
VES	Vestal, Richgr	83.49 324	P	P	00 38 46.3 +0.8
CWC	Cottonwood Cre	83.51 325	P	P	00 38 46.8 +1.0
H31A	Wolsey	83.62 342	P	P	00 38 47.7 +1.6
I29A	Vivian Onida	83.67 341	P	P	00 38 47.0 +0.7
G34A	Benson	83.68 344	P	P	00 38 45.9 -0.4
SUSD	South Dakota S	83.71 342	P	P	00 38 46.0 -0.5
SLR	Silverton	83.74 117	eP	IAMB	00 38 45.5 -2.0
MPU	Maple Canyon	83.78 331	eP	LR	00 38 49.8 +2.6
J26A	Sides Ranch, S	83.79 339	P	P	00 38 46.4 -0.6
F36A	Milaca	83.83 346	P	P	00 38 46.3 -0.8
I28A	Midland	83.88 340	P	P	00 38 47.3 -0.1
O16A	Springville	83.89 332	eP	LR	00 38 44.4 -3.3
O16A	comp=Z,1um,19.0s				
NLU	North Lily Min	83.90 331	eP	LR	00 38 50.6 +2.7
R11A	Troy Canyon, C	83.98 328	P	P	00 38 48.4 +0.2
R11A	Troy Canyon, C	83.98 328	eP	P	00 38 51.0 +2.7
F35A	Swanville	84.04 345	P	P	00 38 47.7 -0.4
J25A	Sunshine Ranch	84.08 338	P	P	00 38 49.1 +0.6
TIN	Tinemaha	84.08 325	P	P	00 38 49.3 +0.6
G32A	Webster	84.12 343	P	P	00 38 49.3 +0.8
I27A	Quinn	84.19 340	P	P	00 38 47.6 -1.4
H29A	Onida	84.20 341	P	P	00 38 47.7 -1.3
K22A	Casper	84.27 336	P	P	00 38 49.6 0.0
K22A	Casper	84.27 336	eP	LR	00 38 49.3 -0.3
I26A	New Underwood	84.38 339	P	P	00 38 49.8 -0.2
F33A	5 Mile Ranch,	84.39 344	P	P	00 38 49.9 0.0
DUG	Dugway	84.39 331	eP	MLR	00 38 50.1 -0.2
DUG	comp=Z,1um,18.0s				
DUG	Dugway	84.39 331	eP	LR	00 38 50.1 -0.2
G30A	Faulkton	84.40 342	P	P	00 38 48.7 -1.3
CTU	Camp Tracy	84.41 332	eP	P	00 38 56.0 +5.6
H28A	Mission Ridge	84.46 340	eP	P	00 38 49.4 -0.9
MTUM	Tungsten Hills	84.48 325	eP	P	00 38 52.6 +1.8
I25A	Rockford	84.63 338	P	P	00 38 50.2 -1.2
TCUT	Toone Canyon	84.64 332	eP	P	00 38 54.2 +2.6
G29A	Hoven	84.66 341	P	P	00 38 50.4 -0.9
E35A	Pequot Lakes	84.68 346	P	P	00 38 50.9 -0.4
H27A	Hoves	84.71 340	P	P	00 38 50.7 -1.0
E34A	Wadena	84.79 345	P	P	00 38 51.5 -0.4
G28A	Parade	84.81 341	P	P	00 38 51.1 -1.0
RSSD	Black Hills	84.81 338	eP	P	00 38 54.5 +2.2
RSSD	Black Hills	84.81 338	eP	P	00 38 54.5 +2.2
MLAC	Mammoth Lakes	84.83 325	P	P	00 38 52.7 0.0

F31A	Hecla	84.86 343	P	P	00 38 51.0 -1.3
D37A	Cotton	84.87 347	P	P	00 38 51.9 -0.4
H26A	Fairpoint	84.90 339	P	P	00 38 52.4 -0.2
E33A	Westby DABS, E	84.96 344	P	P	00 38 51.9 -0.9
BGU	Big Grassy Mou	85.10 331	eP	LR	00 38 56.0 +2.2
BGU	comp=Z,700nm,18.0s				
D35A	Remer	85.11 346	P	P	00 38 53.9 +0.4
HWUT	Hardware Ranch	85.12 332	eP	P	00 38 52.5 -1.4
H25A	Fruitdale	85.14 339	P	P	00 38 54.0 +0.2
SPUT	South Promonto	85.20 331	eP	LR	00 38 53.0 -1.3
SPUT	comp=Z,700nm,18.0s				
C38A	Sawbill Land.	85.21 348	P	P	00 38 53.2 -0.8
F29A	Eureka	85.23 342	P	P	00 38 52.8 -1.3
NV01	Mina Array Sit	85.24 326	eP	P	00 38 48.1 -6.6
NV01	Mina Array Bea	85.24 326	eP	P	00 38 55.4 +0.7
NVAR	Mina Array Bea	85.24 326	eP	P	00 38 55.4 +0.7
E32A	Braten, Kindr	85.28 344	P	P	00 38 53.1 -1.3
D34A	Park Rapids	85.34 345	P	P	00 38 54.2 -0.5
G27A	Dupree	85.36 340	P	P	00 38 54.7 -0.2
C37A	Embarrass	85.38 347	P	P	00 38 56.1 +1.2
BW06	Boulder Array	85.40 334	eP	LR	00 38 53.9 -1.5
BW06	comp=Z,1um,20.0s				
E31A	Nome	85.44 343	P	P	00 38 55.5 +0.4
G26A	Maurine	85.47 340	P	P	00 38 54.0 -1.4
EYMN	Ely	85.47 348	eP	LR	00 38 53.1 -2.1
EYMN	comp=Z,700nm,19.0s				
F28A	McLaughlin	85.49 341	P	P	00 38 54.1 -1.4
C36A	Pine Crest Far	85.53 347	P	P	00 38 53.5 -2.1
G25A	Newell	85.61 339	P	P	00 38 53.8 -2.3
E30A	Jud	85.62 343	P	P	00 38 55.2 -0.9
HVU	Hansel Valley	85.73 331	eP	MLR	00 38 58.3 +1.3
HVU	comp=Z,1um,20.0s				
HVU	Hansel Valley	85.73 331	eP	LR	00 38 58.3 +1.3
D32A	Dogwood Acres,	85.78 344	P	P	00 38 56.4 -0.4
ELK	Elko	85.84 329	eP	Pmax	00 38 54.4 -3.2
ELK	comp=Z,36nm,1.5s				
ELK	Elko	85.84 329	eP	P	00 38 54.4 -3.2
F27A	Lehman	85.84 340	P	P	00 38 56.6 -0.6
D31A	McClaffin, Tow	85.86 344	P	P	00 38 56.7 -0.5
E29A	Napoleon	85.87 342	P	P	00 38 55.5 -1.8
CMB	Columbia Colle	85.88 325	eP	Pmax	00 38 53.9 -3.7
CMB	comp=Z,23nm,1.4s				
CMB	Columbia Colle	85.88 325	eP	P	00 38 53.9 -3.7
TOAD	Tordi Ar. Bea	85.93 71	eP	P	00 38 57.8 -0.6
TORD	Tordi Ar. Bea	85.93 71	eP	P	00 38 58.2 -0.2
TORD	comp=Z,17nm,1.2s,baz=238,slow=4.2,SNR=45				
TORD	comp=Z,1um,19.8s,baz=260,slow=34				
AHID	Auhn Hatcher	85.96 333	eP	LR	00 38 56.1 -2.0
AHID	comp=Z,254nm,2.3s				
AHID	comp=Z,1um,19.0s				
F26A	Lodgepole	86.00 340	P	P	00 38 58.2 +0.2
C33A	Trail	86.10 345	P	P	00 38 56.1 -2.3
E28A	Huff	86.14 341	P	P	00 38 58.1 -0.5
D30A	Buchanan	86.16 343	P	P	00 38 59.0 +0.3
E27A	Carson	86.23 341	P	P	00 38 59.0 -0.2
F25A	Bowman	86.29 339	P	P	00 38 59.6 +0.2
D29A	Pettibone, Tap	86.31 342	P	P	00 38 59.4 -0.1
REDW	Red Top Meadow	86.38 334	eP	LR	00 39 00.2 0.0
REDW	comp=Z,700nm,21.0s				
BMN	Battle Mountai	86.41 328	eP	Pmax	00 38 55.7 -4.7
BMN	comp=Z,49nm,2.3s				
BMN	Battle Mountai	86.41 328	eP	MLR	00 38 55.7 -4.7
BMN	comp=Z,1um,18.0s				
BMN	Battle Mountai	86.41 328	eP	LR	00 38 55.7 -4.7
BMN	comp=Z,49nm,2.3s				
SNOW	Snow King Moun	86.44 334	eP	LR	00 39 03.0 +2.5
SNOW	comp=Z,1um,21.0s				
E26A	Carlson Angus	86.51 340	P	P	00 39 01.6 +1.0
LOHW	Long Hollow	86.51 334	eP	LR	00 39 02.9 +2.0
LOHW	comp=Z,1um,21.0s				
TPAW	Teton Pass	86.53 334	eP	LR	00 39 03.1 +2.1
TPAW	comp=Z,900nm,19.0s				
C31A	Lanman Farms,	86.56 344	P	P	00 39 01.8 +1.2
B34A	Aery, Baudette	86.57 346	P	P	00 39 01.9 +1.2
AGMN	Agassiz Nation	86.64 345	eP	LR	00 38 53.6 -7.5
AGMN	comp=Z,1um,20.0s				
C30A	Mose, Pekin	86.65 343	P	P	00 39 01.0 -0.1
D28A	Regan	86.68 342	P	P	00 39 01.2 -0.2
MOOV	Moose Ponds	86.68 334	eP	LR	00 39 00.0 -1.7
MOOV	comp=Z,77nm,2.1s				
MOOV	comp=Z,1um,20.0s				
FXWY	Fox Creek	86.69 334	eP	LR	00 38 59.1 -2.6
FXWY	comp=Z,41nm,1.5s				
FXWY	comp=Z,800nm,20.0s				
E25A	Miller Ranch,	86.80 340	P	P	00 39 03.4 +1.4
D27A	Center	86.85 341	P	P	

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes entries for RAMN Ramite, CM01 Chiang Mai Arr, ODAN Odare, etc.

ICD 30 00:34:22.4,21.0, 42.45N, 143.37E, h0km, mb4.8/4, mb1 3.8/4, mb1mx3.5/55, mbtmp3.8/4, Error ellipse: s-maj=477.6km s-min=77.5km az=158.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes entries for WRA Warramunga Arr, ASAR Alice Springs, LEM Lembang, etc.

ICD 30 00:36:23.8,2.3, 5.02S, 135.72E, h0km, mb4.4/4, mb1 4.5/6, mb1mx4.0/35, mbtmp4.4/6, ML4.4,2, MS3.7/2, Ms1 3.7/2, ms1mx3.1/34, Error ellipse: s-maj=127.1km s-min=26.7km az=87.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes entries for KCSI Kottacane, AKCH Khomkaek, PKDT Phuket, etc.

CSEM 30 00:41:10.0, 37.92N, 26.15W, h5km, ML2.1 PDA 30 00:41:10.0, 37.92N, 26.15W, h5km, ML2.1, Error ellipse: s-maj=5.4km s-min=1.3km az=35.0, Azores Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, and various station details. Includes entries for PSET Sete Cidades, PSET Ponta Delgada, PDA Ponta Delgada, etc.

BATI	Baumata	11.25 243	Pn	Pn	01 10 19.9	-0.5
BATI	71nm,0.3s,baz=129,slow=3.1,SNR=24					
KDI	Kendari	11.27 276	P	P	01 10 22.8	-4.1
KDI	54nm,0.3s,baz=85,slow=14,SNR=4.6					
KMSI	Cibinong	11.41 300	P	Pn	01 10 22.6	0.0
KMSI	1um,0.9s,17um					
KNRA	Kunururra	11.54 205	P	Pn	01 10 24.1	-0.2
KNRA	baz=12,SNR=51					
LWUI	Luwuk	11.81 290	P	Pn	01 10 27.6	-0.4
LWUI	baz=12					
LWUI	Luwuk	11.81 290	ePn	Sn	01 10 26.9	-1.2
LWUI	eS					
MMRI	Maumere	12.02 253	P	Pn	01 10 33.3	+2.4
MMRI	12.02 253	ePn	Pn	01 10 25.9	-5.0	
MMRI	eS					
GTOTI	Gorontalo	12.29 298	P	Pn	01 10 36.9	+2.3
EDFI	Ende, Flores	12.57 253	P	Pn	01 10 40.4	+1.8
COEN	Coen	12.64 334	P	Pn	01 10 36.8	-2.6
COEN	baz=13, SNR=65					
COEN	Coen	12.64 134	ePn	Pn	01 10 36.4	-3.0
APSI	Ampana	12.91 289	P	Pn	01 10 43.7	+0.6
MRSI	Marisa	13.17 295	P	Pn	01 10 45.2	-1.5
BKSI	Bulukumba	13.67 269	P	Pn	01 10 55.6	+2.1
PMG	Port Moresby	13.84 108	Pn	Pn	01 10 53.3	-2.5
PMG	3.0nm,0.3s,baz=297,slow=8.1,SNR=16					
PMG	1.3nm,0.3s,baz=238,slow=18,SNR=2.5					
PMG	1.4nm,0.3s,baz=348,slow=20,SNR=2.6					
PMG	comp=Z,4um,18.6s,baz=318,slow=44					
PMG	Port Moresby	13.84 108	P	LR	01 10 53.3	-2.5
PMG	comp=Z,3.0nm,0.3s					
PMG	comp=N,1.0nm,0.3s					
PMG	comp=Z,4um,18.6s					
PMG	Port Moresby	13.84 108	P	Pn	01 10 54.2	-1.6
KAPI	Kappang	14.05 270	Pn	Pn	01 10 57.1	-1.5
KAPI	comp=Z,1.3nm,0.3s,baz=140,slow=6.8,SNR=1.7					
KAPI	comp=Z,0.4nm,0.3s,baz=102,slow=19,SNR=1.3					
KAPI	comp=Z,1um,19.4s,baz=115,slow=45					
KAPI	Kappang	14.05 270	Pn	Pn	01 11 01.0	+2.4
KAPI	comp=Z,2.3nm,1.4s,SNR=9.1					
KAPI	Kappang	14.05 270	P	Pn	01 11 01.9	+3.3
KAPI	SNR=17					
KAPI	Kappang	14.05 270	ePn	Pn	01 10 59.3	+0.7
WB9	Warramunga Arr	14.56 178	P	Pn	01 11 01.7	-3.2
WB9	baz=14					
WB6	Warramunga Arr	14.56 178	P	Pn	01 11 02.5	-3.3
WB6	baz=15					
WB4	Warramunga Arr	14.61 178	P	Pn	01 11 03.3	-3.0
WB4	baz=15					
WRAB	Tennant Creek	14.64 178	eP	Pn	01 11 03.5	-3.3
WRAB	comp=Z,1.24nm,1.1s					
WRAB	Tennant Creek	14.64 178	Pn	Pn	01 11 03.3	-3.5
WRAB	comp=Z,7.68nm,0.6s,SNR=32					
WRAB	Tennant Creek	14.64 178	ePn	Pn	01 11 03.6	-3.1
WRAB	comp=Z,1.18nm,0.6s					
WRA	Warramunga Arr	14.65 178	Pn	Pn	01 11 03.9	-3.0
WRA	comp=Z,3.1nm,0.3s,baz=357,slow=15,SNR=36					
WRA	comp=Z,8.9nm,0.3s,baz=357,slow=23,SNR=5.7					
WRA	baz=347,slow=29,SNR=3.6					
WR4	Warramunga Arr	14.66 178	P	Pn	01 11 03.7	-3.4
WR4	baz=15					
FITZ	Fitzroy Crossi	15.12 211	Pn	Pn	01 11 10.3	-2.9
FITZ	comp=Z,9.1nm,0.3s,baz=36,slow=9.9,SNR=135					
FITZ	comp=Z,2.2nm,0.3s,baz=182,slow=12,SNR=7.4					
FITZ	YHNB					
FITZ	comp=Z,2um,19.9s,baz=35,slow=42					
FITZ	Fitzroy Crossi	15.12 211	P	Pn	01 11 09.4	-3.8
FITZ	baz=19,SNR=10					
FITZ	Fitzroy Crossi	15.12 211	ePn	Pn	01 11 10.3	-2.9
FITZ	comp=Z,1.21nm,1.1s					
FITZ	eS					
FITZ	Sn					
FITZ	Sn					
QIS	Mount Isa	16.25 160	P	Pn	01 13 45.5	-1.5
QIS	baz=16					
TWSI	Taliwang, Sumb	17.20 257	P	Pn	01 11 23.8	-4.2
AS05	Alice Springs	18.33 180	P	Pn	01 11 52.0	-1.9
AS05	baz=18					
AS01	Alice Springs	18.35 180	ePn	Pn	01 11 50.3	-3.7
ASAR	Alice Springs	18.35 180	P	Pn	01 11 52.5	-1.6
ASAR	comp=Z,1.9nm,0.3s,baz=357,slow=12,SNR=130					
ASAR	comp=Z,3.6nm,0.3s,baz=356,slow=26,SNR=6.6					
ASAR	baz=8.0,slow=29,SNR=2.7					
ASAR	Alice Springs	18.35 180	P	Pn	01 11 52.5	-1.6
ASAR	S					
ASAR	comp=Z,2.0nm,0.3s					
ASAR	smax					
AS10	Alice Springs	18.38 180	P	P	01 11 52.3	-2.1
AS10	baz=18					
MYLDM	Lahad Datu	18.48 304	IP	Pn	01 11 56.9	+1.1
MYLDM	Lahad Datu	18.48 304	eP	Pn	01 11 56.9	+1.1
TSM	Tawau	18.55 300	IP	Pn	01 11 57.4	+0.9
CTA	Charters Tower	19.08 142	P	Pn	01 12 02.7	-0.3
CTA	comp=Z,3.4nm,0.3s,baz=317,slow=12,SNR=48					
CTA	comp=N,0.5nm,0.3s,baz=270,slow=20,SNR=2.7					
CTA	comp=N,1.5nm,0.3s,baz=53,slow=23,SNR=7.4					
CTA	comp=N,1um,21.2s,baz=328,slow=38					
CTA	Charters Tower	19.08 142	P	Pn	01 12 02.7	-0.3
CTA	S					
CTA	comp=Z,3.0nm,0.3s					
CTA	comp=N,1.0nm,0.3s					
CTA	comp=Z,1um,21.2s					
CTAO	Charters Tower	19.08 142	eP	Pn	01 12 02.7	-0.3
CTAO	comp=Z,64nm,0.7s					
CTAO	comp=Z,64nm,0.7s					
SDKM	Sandakan	19.82 303	IP	Pn	01 12 12.9	+0.9
JAGI	Jajag, Banyuw	19.82 260	P	Pn	01 12 08.2	-2.1
JAGI	baz=20,SNR=9.1					
JAGI	Jajag, Banyuw	19.82 260	eP	P	01 12 07.8	-2.6
JAGI	comp=Z,1.02nm,0.9s					
KDM	Kudat	20.82 305	IP	Pn	01 12 24.6	+1.0
KKM	Kota Kinabalu	20.86 302	P	Pn	01 12 22.4	+0.7
KKM	baz=21,SNR=14					
KKM	Kota Kinabalu	20.86 302	IP	P	01 12 22.6	+0.9
KKM	Kota Kinabalu	20.86 302	IP	P	01 12 22.0	+0.3
MBWA	Marble Bar	20.95 220	P	Pn	01 12 24.3	-0.8
MBWA	SNR=15					
MBWA	Marble Bar	20.95 220	eP	P	01 12 23.5	+1.0
MBWA	comp=Z,1.99nm,1.0s					
MBWA	eS					
MBWA	LR					
MBWA	comp=Z,1um,19.0s					
GUMO	Guam	21.65 30	P	P	01 12 29.9	-0.1
GUMO	comp=Z,136nm,1.0s,baz=188,slow=8.2,SNR=4.5					
GUMO	Guam	21.65 30	P	P	01 12 29.9	-0.1
GUMO	comp=Z,637nm,18.6s,baz=203,slow=38					
GUMO	comp=Z,136nm,1.0s					
GUMO	comp=Z,637nm,18.6s					
GUMO	comp=Z,231nm,1.1s					
PCJ	Pacitan	22.71 261	P	P	01 12 42.6	+1.1
LQP	Lukban	22.76 326	eP	P	01 12 39.3	-2.9
SBUM	Sibu	22.91 289	IP	P	01 12 44.5	+0.8
SBUM	Sibu	22.91 289	eP	P	01 12 44.4	+0.8

UGM	Wanagama	23.32 262	P	P	01 12 48.7	+0.8
UGM	baz=23,SNR=5.1					
SMRI	Semarang	23.35 264	eP	P	01 12 47.7	-0.4
SMRI	comp=Z,103nm,0.7s					
QLP	Quilpie	23.45 156	P	P	01 12 49.6	+0.7
QLP	baz=24,SNR=34					
KSM	Kuching	24.44 285	P	P	01 12 59.8	+1.3
KSM	baz=26,SNR=13					
KSM	Kuching	24.44 285	IP	P	01 13 00.1	+1.7
KSM	Kuching	24.44 285	IP	P	01 12 59.0	+0.6
KSM	comp=Z,130nm,1.1s					
KSM	LR					
RMQ	Roma	25.50 148	P	P	01 13 09.1	+1.2
RMQ	baz=26,SNR=10					
GIR	Giralila	25.68 226	P	P	01 13 11.8	+2.2
GIR	baz=28,SNR=6.7					
MEEK	Meekatharra	25.80 213	P	P	01 13 10.9	+0.2
MEEK	baz=26,SNR=6.2					
EIDS	Eidsvold	25.97 142	P	P	01 13 12.9	+0.7
EIDS	baz=26,SNR=14					
EIDS	comp=Z,70nm,0.9s					
FORT	Forrest	26.01 191	P	P	01 13 13.4	+1.0
FORT	baz=26,SNR=54					
FORT	Forrest	26.01 191	eP	P	01 13 13.1	+0.6
FORT	Lebang	26.14 265	P	P	01 13 13.7	-0.3
FORT	comp=Z,57nm,0.8s,baz=56,slow=16,SNR=7.7					
LEM	Lembang	26.14 265	P	LR	01 13 13.7	-0.3
LEM	comp=Z,264nm,18.7s,baz=56,slow=45					
LEM	comp=Z,57nm,0.8s					
LEM	MLR					
LEM	MLR					
SZP	Santa	26.20 330	eP	P	01 13 14.7	+0.3
SZP	comp=Z,80nm,0.5s					
HNR	Honiara	26.21 101	LR	LR	01 24 58.8	
HNR	Honiara	26.21 101	eP	P	01 13 12.0	-2.5
HNR	comp=Z,414nm,1.1s					
HNR	Honiara	26.21 101	eP	P	01 13 12.0	-2.5
HNR	comp=Z,414nm,1.1s					
BBOO	Buckiebo	27.53 176	P	P	01 13 27.5	+1.2
BBOO	baz=28,SNR=13					
BBOO	Buckiebo	27.53 176	eP	P	01 13 25.0	-1.2
BBOO	comp=Z,53nm,0.9s					
KMBL	Kambalda	28.34 202	P	P	01 13 33.9	+0.4
KMBL	baz=28,SNR=9.8					
XMIS	Christmas Isla	28.41 258	P	P	01 13 35.5	+1.2
XMIS	baz=28					
CMSA	Cobar Meteorol	28.45 158	P	P	01 13 35.5	+1.1
CMSA	baz=28,SNR=17					
HTT	Hallett	28.47 171	P	P	01 13 34.5	-0.1
HTT	baz=28,SNR=18					
BLDU	Ballidu	29.98 211	P	P	01 13 48.9	+0.9
BLDU	baz=30,SNR=12					
ARMA	Armidale	30.15 148	eP	P	01 13 50.0	+0.4
ARMA	Armidale	30.15 148	eP	P	01 13 50.0	+0.4
ARMA	comp=Z,54nm,1.0s					
KLBR	Kellerberrin	30.27 208	P	P	01 13 52.9	+2.2
KLBR	baz=30,SNR=4.7					
MYKOM	Kota Tinggi	30.77 282	IP	P	01 13 56.7	+1.5
MYKOM	Kota Tinggi	30.77 282	eP	P	01 13 56.5	+1.3
MYKOM	Manna	30.80 270	P	P	01 13 54.7	-0.7
MYKOM	baz=31,SNR=3.7					
MNAI	Manna	30.80 270	eP	P	01 13 54.8	-0.7
MNAI	comp=Z,118nm,0.7s					
KGM	Kluang	31.34 282	IP	P	01 14 01.5	+1.3
NWAO	Narrogin (SRO)	31.63 207	P	P	01 14 03.0	+0.4
NWAO	comp=Z,3nm,0.9s,baz=305,slow=0.1,SNR=2.3					
NWAO	Narrogin (SRO)	31.63 207	P	P	01 14 03.0	+0.4
NWAO	comp=Z,7.0nm,0.9s					
NWAO	Narrogin (SRO)	31.63 207	P	LR	01 14 03.0	+0.4
NWAO	comp=Z,882nm,21.0s					
YHNB	Yeheng	32.09 338	PFAKE	LR	01 14 20.0	+1.3
YHNB	comp=Z,425nm,19.0s					
ARPS	Mount Arapiles	32.25 168	P	P	01 14 09.3	+1.4
ARPS	baz=32,SNR=42					
CAN	Canberra	33.06 157	eP	P	01 14 16.8	+1.6
CAN	comp=Z,99nm,1.7s					

Table with columns: Station ID, Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like W31A, O33A, D37A, F36A, X31A, EYMN, etc.

Table with columns: Station ID, Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like W37A, W37A, JFWS, W37A, etc.

Table with columns: Station ID, Name, Time, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Type, and other parameters. Includes stations like ROSC, SDV, SJG, SAML, BDFB, etc.

MEX 30 02:24:58.1±0.6, 1837N×102.74W, h42km, s50km, MD3.6, Michoacan. Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res.

IDC 30 02:30:04.0±1.7, 3.90S:128.89E, h0km, mb3.7/2, mb1 3.9/4, mb1mx3.5/34, mbtmp3.7/4, ML3.4/2, Error ellipse: s-maj=53.1km s-min=27.3km az=83.0, Seram. Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res.

CSEM 30 02:50:21.4±0.2, 36.92N:29.34E, h2km, MD2.7, Error ellipse: s-maj=3.6km s-min=3.3km az=52.0, ISK 30 02:50:21.0, 36.88N:29.35E, h6km, MD2.7, DDA 30 02:50:21.3, 36.94N:29.30E, h7km, MD3.0, ISC 30 02:50:21.5±1.0, 36.91N:0.03:29.35E:0.03, h6km±12km, n21, 0595/35, Turkey. Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res. Includes stations like FETY, GOLH, ELL, TURN, AKAS, YER, AYDN, KHAL, BDRM, GOGA, TEIG, CBN, NHSC, KIC, DBIC, LCO, TIC, LVC, BCIP, CPUP, OTAV, BBSR, LPAZ, etc.

IDC 30 02:55:29.1±5.9, 5.20S:133.50E, h0km, mb3.7/1, mb1 3.6/3, mb1mx3.3/25, mbtmp3.4/3, ML3.5/2, Error ellipse: s-maj=34.5km s-min=32.7km az=77.0, Azores Islands region. Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res.

NEIC 30 03:14:39.2, 34.97S:178.52E, h245km, mb4.0/2, After WEL. WEL 30 03:14:40.3±0.5, 34.92S:178.30E, h212km, 7km, ML4.4/8, Error ellipse: s-maj=12.6km s-min=6.2km az=90.0, South of Kermadec Islands. Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Res.

Table with columns for station name, frequency, power, and other technical details. Includes stations like HIA, OUZ, TYV, TAPN, ODAN, RAMN, PALK, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like JOSI, Joshimath, Urumqi, WMO, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like AAK, Ala-Archa, USP, Ospanovka, ATKA, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like Sitkinak Island, Aybut, Sverlovsk, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like MAK, IHRH, IGHG, IDHR, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes entries like VSU, AKASG, AKASG, etc.

BELO	Belle Mtn. Jos	107.12	54	P	PKIKP	04 03 30.1	+1.6
GMRC	Granite Mounta	107.24	54	P	PKIKP	04 03 29.9	+1.3
DPC	Dobruska-Polom	107.26	323	eP	Pdif	03 59 19.8	+0.6
DPC				eP	PS	04 03 47.0	
DPC				eP	MLR	04 13 06.1	-1.7
DPC	comp-Z,500nm,22.0s						
DPC	Dobruska-Polom	107.26	323	ePDIFF	Pdif	03 59 19.8	+0.6
DPC				ePP	PP	04 03 47.0	+0.9
DPC				ePS	PS	04 13 06.1	-1.7
DPC				eAMS	AMS	04 51 00.0	
SHPR	comp-Z,500nm,22.0s						
SHPR	Sheep Range	107.27	52	ePdif	Pdif	03 59 20.4	+0.7
IBP	Imperial Bould	107.31	56	ePKIKP	PKIKP	04 03 25.1	-3.5
UPC	Udice	107.39	324	ePP	PP	04 03 49.8	+2.8
UPC				eAMS	AMS	04 54 50.0	
BOZ	Bozeman (W)	107.42	42	P	PKIKP	04 03 30.2	+1.5
VRAC	Vranov	107.47	322	Pdif	Pdif	03 59 20.6	+0.5
SWSC	Sam W. Stewart	107.50	56	P	PKIKP	04 03 30.4	+1.4
BC3	Big Chuckwall	107.64	55	P	PKIKP	04 03 30.6	+1.2
SUMG	Summit	107.68	357	iP	PKKpbc	04 14 43.7	-2.0
HVU	Hansel Valley	107.76	46	eP	Pdif	03 59 22.9	+1.1
HVU	Hansel Valley	107.76	46	ePdif	PKIKP	04 03 29.3	-0.2
TIR	Tirane	107.77	314	LR	LR	04 03 40.0	
IRM	Iron Mountain	107.78	54	P	PKIKP	04 03 30.6	+1.0
EGMT	Eagleton	107.85	39	P	PKIKP	04 03 29.7	+0.4
EGMT	Eagleton	107.85	39	ePKIKP	PKIKP	04 03 28.6	-0.7
DUG	Dugway	108.16	48	eP	PKIKP	04 03 31.2	+1.0
DUG	Dugway	108.16	48	ePKIKP	Pdif	03 59 24.1	+0.6
PVCC	Panska Ves	108.23	324	e	MLR	04 03 57.5	
PVCC				eMLR	MLR		
PVCC	comp-Z,400nm,17.9s						
PVCC	Panska Ves	108.23	324	ePDIFF	Pdif	03 59 24.1	+0.6
PVCC				eAMS	AMS	04 03 57.5	+4.3
PVCC				eAMS	AMS	04 51 10.0	
GOPC	comp-Z,400nm,17.9s						
GOPC	GO Pecny, Ondr	108.34	323	ePP	PP	04 03 57.2	+3.2
GOPC				eAMS	AMS	04 56 10.0	
CONA	Conrad Observa	108.41	321	iPP	PP	04 03 56.4	+1.7
CCUT	Cedar City	108.42	50	ePdif	Pdif	03 59 26.1	+1.2
CCUT				ePKIKP	PKIKP	04 03 32.7	+1.8
IMW	Indian Meadow	108.43	43	ePKIKP	PKIKP	04 03 32.6	+1.9
FXWY	Fox Creek	108.45	44	ePKIKP	PKIKP	04 03 30.2	-0.6
PRU	Pruhonice	108.46	323	eP	Pdif	03 59 24.8	+0.3
PRU				eMLR	MLR	04 03 57.1	
PRU	comp-Z,500nm,19.4s						
PRU	Pruhonice	108.46	323	ePDIFF	Pdif	03 59 24.8	+0.3
PRU				ePP	PP	04 03 57.1	+2.3
PRU				eAMS	AMS	04 51 40.0	
BRG	comp-Z,500nm,19.4s						
BRG	Berggiesshubel	108.46	324	ePDIFF	Pdif	03 59 24.9	+0.4
BRG				ePP	PP	04 03 55.4	+0.6
BRG	comp-Z,25nm,1.9s						
BRG	comp-Z,28nm,1.6s						
BRG	comp-N,423nm,18.2s						
BRG	comp-E,373nm,20.9s						
BRG	comp-Z,681nm,16.3s						
BRG	Berggiesshubel	108.46	324	eP	Pdif	03 59 24.9	+0.4
BRG				ePmax	pmax	04 03 55.4	
BRG	comp-Z,25nm,1.9s						
BRG	comp-Z,28nm,1.6s						
BRG	comp-N,423nm,18.2s						
BRG	comp-E,373nm,20.9s						
BRG	comp-Z,681nm,16.3s						
H17A	Grant Village	108.52	43	ePKIKP	PKIKP	04 03 32.0	+1.1
TPAW	Teton Pass	108.55	44	ePKIKP	PKIKP	04 03 31.7	+0.7
PDMOI	Parker Dam, Lak	108.57	54	P	PKIKP	04 03 32.3	+1.6
LKWY	Lake	108.58	43	ePKIKP	PKIKP	04 03 26.4	-4.6
REDW	Red Top Mead	108.65	44	ePKIKP	PKIKP	04 03 28.3	-2.9
HWUT	Hardware Ranch	108.67	46	ePKIKP	PKIKP	04 03 31.6	+0.4
SNOW	Snow King Moun	108.69	44	ePKIKP	PKIKP	04 03 32.1	+2.1
LOHW	Long Hollow	108.75	44	ePKIKP	PKIKP	04 03 32.4	+1.0
LOHW				eLR	LR		
NLU	comp-Z,600nm,18.0s						
CLL	North Lily Min	108.77	48	ePKIKP	PKIKP	04 03 32.2	+0.8
CLL	Colim	108.83	325	iP	pmax	03 59 25.7	-0.4
CLL	comp-Z,15nm,1.4s						
CLL	Colim	108.83	325	iPdif	Pdif	03 59 25.7	-0.4
CLL				ePdif	PKIKP	03 59 36.0	+0.8
CLL				ePKIKP	PKIKP	04 03 31.0	+0.1
CLL				ePP	PP	04 03 52.0	-5.4
CLL				ePS	PS	04 13 25.0	+1.4
CLL				ePPS	PPS	04 14 22.0	
CLL				eSS	SSS	04 19 12.0	-1.5
CLL				eSSS	SSS	04 23 06.0	
CLL				eLmH	LmH	04 44 00.0	
CLL	comp-N,600nm,18.2s					04 44 00.0	
CLL	comp-E,400nm,20.9s					04 54 00.0	
CLL	comp-N,300nm,18.6s					04 54 00.0	
CLL	comp-E,400nm,19.6s					04 54 00.0	
CLL	comp-Z,500nm,18.6s						
TCUT	Toone Canyon	108.93	46	ePKIKP	PKIKP	04 03 27.0	-4.8
MSU	Marysval	109.08	49	eP	Pdif	03 59 28.6	+0.7
MSU	Marysval	109.08	49	ePdif	Pdif	03 59 28.6	+0.7
MSU				ePKIKP	PKIKP	04 03 33.8	+1.7
RLMT	Red Lodge	109.16	42	P	PKIKP	04 03 33.4	+1.4
KHC	Kasperske Hory	109.37	323	eP	Pdif	03 59 29.0	+0.4
KHC				eP	PS	04 04 00.5	
KHC				ePS	MLR	04 13 24.8	-4.6
KHC				eMLR	MLR		
KHC	comp-Z,500nm,17.8s						
KHC	Kasperske Hory	109.37	323	ePDIFF	Pdif	03 59 29.0	+0.4
KHC				ePP	PKIKP	04 03 39.3	
KHC				ePKIKP	PKIKP	04 03 41.5	-0.6
KHC				ePKPK	PKPK	04 04 00.5	-1.0
KHC				ePP	PP	04 13 24.8	-4.6
KHC				ePS	AMS	04 52 00.0	
KHC	comp-Z,500nm,17.8s						
KHC	Kasperske Hory	109.37	323	LR	LR	04 03 40.0	
SOKA	Soboth	109.39	320	iPKIKP	PKIKP	04 03 32.5	+0.3
GE2C	GERESS Array S	109.41	323	eP	Pdif	03 59 28.3	-0.6
GE2C	GERESS Array S	109.41	323	ePdif	Pdif	03 59 28.3	-0.6
GE2C				ePKIKP	PKIKP	04 03 31.6	-0.6
GE2C				ePKPKbc	PKPKbc	04 14 32.6	-6.7
GERES	GERESS Array B	109.41	323	Pdif	Pdif	03 59 28.3	-0.6
GERES				ePKIKP	PKIKP	04 03 31.6	-0.6
GERES	comp-Z,1.6nm,0.9s,baz=48,slow=2.2,SNR=6.8						
GERES	comp-Z,0.2nm,0.5s,baz=248,slow=7.0,SNR=2.1						
NKC	Novy Kostel	109.59	324	eP	Pdif	03 59 30.2	+0.6
NKC				eMLR	MLR		
NKC	comp-Z,600nm,15.6s						
NKC	Novy Kostel	109.59	324	ePDIFF	Pdif	03 59 30.2	+0.6
NKC				eAMS	AMS	04 50 50.0	
BW06	Boulder Array	109.74	44	ePKIKP	PKIKP	04 03 33.0	-0.2
SRU	San Rafael	110.16	48	ePKIKP	PKIKP	04 03 34.7	+0.7

SRU	San Rafael	110.16	48	ePKIKP	PKIKP	04 03 34.7	+0.7
P18A	Preston Nutter	110.21	48	ePKIKP	PKIKP	04 03 34.5	+0.2
WUAZ	Wupatki	110.49	52	P	PKIKP	04 03 35.6	+0.9
WUAZ	Wupatki	110.49	52	ePdif	Pdif	03 59 28.1	-6.0
WUAZ				ePKIKP	PKIKP	04 03 33.5	-1.3
GRF	Grafenberg Arr	110.54	324	eP	PP	04 04 13.3	+3.4
GRF				eL	L	04 49 44.8	
GRF	comp-Z,490nm,20.0s						
LASA	LASA Array	110.58	39	P	PKIKP	04 03 36.0	+1.5
LASA				eL	L		
LAO	LASA Array	110.58	39	ePKIKP	PKIKP	04 03 35.5	+1.0
TIP	Tipmagrange	110.67	312	LR	LR	04 03 40.0	
ABTA	Abfaltersbach	110.97	321	iPKIKP	PKIKP	04 03 35.0	-0.2
DMGT	Dagmar	111.11	37	P	PKIKP	04 03 36.1	+0.7
DMGT	Dagmar	111.11	37	ePKIKP	PKIKP	04 03 35.8	+0.4
CUC	Castrocuoco	111.11	313	LR	LR	04 03 50.0	
WTTA	Wattberg	111.31	322	iPKIKP	PKIKP	04 03 36.3	+0.4
WTTA				iPP	PP	04 04 18.2	+2.4
O20A	Whisper River Cj	111.53	47	P	PKIKP	04 03 37.7	+1.0
A25A	Svangstu Ranch	111.55	36	P	PKIKP	04 03 37.0	+0.9
MOTA	Moosealm	111.61	322	iPKIKP	PKIKP	04 03 36.4	-0.1
MOTA	comp-Z,7.4nm,0.7s						
MOTA	comp-Z,2.1nm,1.1s						
RETA	Reutte	111.76	322	iPP	PP	04 04 16.9	-1.9
TUC	Tucson	111.76	55	ePKIKP	PKIKP	04 03 37.8	+0.7
TUC	Tucson	111.76	55	ePKIKP	PKIKP	04 03 37.8	+0.7
B25A	Knox Farm, Ray	111.82	37	P	PKIKP	04 03 37.8	+1.1
K22A	Casper	111.88	44	P	PKIKP	04 03 38.3	+1.1
W18A	Petrified Fore	111.88	52	P	PKIKP	04 03 38.4	+1.0
FETA	Feichten	111.97	322	iPKIKP	PKIKP	04 03 37.3	0.0
FETA	comp-Z,11nm,1.1s						
C25A	Freud Ranch, W	112.00	38	P	PKIKP	04 03 38.4	+1.3
AQU	L'Aquila	112.04	316	LR	LR	04 03 50.0	
AQU	comp-Z,400nm,19.0s						
A26A	Wade Farm, Ken	112.20	36	P	PKIKP	04 03 38.1	+0.7
D25A	Fairfield	112.20	38	P	PKIKP	04 03 38.3	+0.8
MVCO	Mesa Verde	112.24	50	P	PKIKP	04 03 39.6	+1.4
MVCO	Mesa Verde	112.24	50	ePKIKP	PKIKP	04 03 38.8	+0.7
DAVA	Damuels	112.38	322	iPKIKP	PKIKP	04 03 38.0	+0.1
DAVA	comp-Z,12nm,1.2s						
E25A	Miller Ranch,	112.43	39	P	PKIKP	04 04 25.1	+1.1
DAVOX	Davos/Dischmat	112.60	322	PKIKP	PKIKP	04 03 38.0	-0.5
DAVOX	comp-Z,4nm,0.3s,baz=101,slow=1.7,SNR=9.9						
F25A	Bowman	112.64	39	P	PKIKP	04 03 38.0	-0.5
A27A	Ledoux Ranch,	112.64	36	P	PKIKP	04 03 39.1	+0.9
C26A	Wahner Farm, P	112.65	37	P	PKIKP	04 03 39.9	+1.6
SMCO	Snowmass	112.76	47	ePKIKP	PKIKP	04 03 39.5	+0.2
D26A	Manning	112.80	38	P	PKIKP	04 03 39.5	+0.9
B27A	Peters Farms,	112.89	36	P	PKIKP	04 03 39.1	+0.4
N23A	Red Feather La	112.92	45	P	PKIKP	04 03 39.4	+0.1
N23A	Red Feather La	112.92	45	ePP	PP	04 04 28.0	+0.4
G25A	Newell	112.97	40	P	PKIKP	04 03 39.0	0.0
RSSD	Black Hills	113.00	41	ePKIKP	PKIKP	04 03 38.3	-1.0
RSSD	Black Hills	113.00	41	ePKIKP	PKIKP	04 03 38.3	-1.0
E26A	Carlson Angus	113.03	38	P	PKIKP	04 03 39.4	+0.3
C27A	Saylor Ranch,	113.06	37	P	PKIKP	04 03 39.7	+0.6
TUE	Stuetta	113.07	322	ePKIKP	PKIKP	04 03 38.3	-1.1
TUE				eLR	LR		
MEM	comp-Z,598nm,20.0s</						

D34A	baz=117 Park Rapids	117.09	35	P	PKPdf	04 03 46.9	0.0	T31A	baz=119 Randall Ranch,	118.87	47	P	PKPdf	04 03 50.8	+0.2	S35A	baz=121 Otter Creek Ra	121.04	45	P	PKPdf	04 03 55.2	+0.5
F33A	baz=117 5 Mile Ranch,	117.10	37	P	PKPdf	04 03 46.9	0.0	129A	baz=119 Stewart Farms,	118.88	52	P	PKPdf	04 03 50.6	-0.2	W34A	baz=121 Bridge Creek,	121.04	48	P	PKPdf	04 03 55.3	+0.6
K31A	baz=117 O'Neill	117.12	41	P	PKPdf	04 03 46.8	-0.2	G29A	baz=119 Meitler Ranch,	118.88	45	P	PKPdf	04 03 50.6	0.0	W34A	baz=121 Bridge Creek,	121.04	48	ePKPdf	PKPdf	04 03 55.0	+0.2
Q29A	baz=117 Oakley	117.21	46	P	PKPdf	04 03 47.4	0.0	I35A	baz=119 Creekview Farm	118.82	38	P	PKPdf	04 03 50.2	-0.2	Q36A	baz=121 Arnold C. Orve	121.04	43	P	PKPdf	04 03 54.9	+0.3
U28A	baz=117 Mallet	117.27	49	P	PKPdf	04 03 47.5	-0.1	C38A	baz=119 Sawbill Land.	118.93	33	P	PKPdf	04 03 50.7	+0.3	Z33A	baz=121 Whitaker Ranch	121.06	51	P	PKPdf	04 03 56.3	+1.4
L31A	baz=117 Butterfield Fa	117.27	41	P	PKPdf	04 03 46.7	-0.6	G36A	baz=119 St. Michael	118.94	36	P	PKPdf	04 03 50.6	+0.2	432A	baz=121 Menard	121.14	54	P	PKPdf	04 03 55.7	+0.6
R29A	baz=117 Marienthal	117.28	46	P	PKPdf	04 03 48.0	+0.5	W30A	baz=119 Crocket Farms	118.95	49	P	PKPdf	04 03 50.5	-0.4	133A	baz=121 Hamilton Ranch	121.20	51	P	PKPdf	04 03 55.6	+0.4
322A	baz=117 Karley and Nic	117.29	39	P	PKPdf	04 03 47.5	+0.2	L34A	baz=119 Svendsen Farm,	118.99	41	P	PKPdf	04 03 50.2	-0.4	T35A	baz=121 Sooner Cattle	121.24	46	P	PKPdf	04 03 55.5	+0.3
O30A	baz=117 NW Ranch, Wils	117.32	44	P	PKPdf	04 03 47.7	+0.2	X30A	baz=119 Coker Ranch, T	119.00	50	P	PKPdf	04 03 51.1	+0.2	X34A	baz=121 Smith Ranch, M	121.26	49	P	PKPdf	04 03 55.4	+0.2
J32A	baz=117 Parkston	117.36	40	P	PKPdf	04 03 47.4	-0.1	R32A	baz=119 Long Quarter,	119.02	45	P	PKPdf	04 03 51.1	+0.3	JCT	comp=Z,500nm,20.0s Junction City	121.27	54	ePKIKP MLR	PKPdf	04 03 56.0	+0.6
KEST	comp=Z,12nm,1.0s,ba z=10,slow=1.9,SNR=6.2	117.37	311	PKP	PKPdf	04 03 47.9	+0.1	J35A	baz=119 Milford	119.04	39	P	PKPdf	04 03 50.7	0.0	JCT	comp=Z,500nm,20.0s Junction City	121.27	54	ePKPdf LR	PKPdf	04 03 55.5	+0.1
KEST	comp=Z,8.7nm,0.9s,ba z=338,slow=7.8,SNR=5.0	117.41	36	P	PKPdf	04 03 47.2	-0.6	U31A	baz=119 Nile Bar Ranch	119.04	48	P	PKPdf	04 03 51.6	+0.7	JCT	comp=Z,500nm,20.0s Junction City	121.27	54	ePKPdf LR	PKPdf	04 03 56.0	+0.6
KEST	comp=Z,11.7nm,0.9s,ba z=338,slow=7.8,SNR=5.0	117.41	36	P	PKPdf	04 03 47.2	-0.6	O33A	baz=119 Hebron	119.07	43	P	PKPdf	04 03 50.9	+0.1	S32A	baz=121 Rocksprings	121.31	54	P	PKPdf	04 03 55.0	0.0
E34A	baz=117 Wadena	117.42	36	P	PKPdf	04 03 47.6	+0.1	M34A	baz=119 Aspy Farms, Fr	119.08	41	P	PKPdf	04 03 50.4	-0.4	R36A	baz=121 Gordon, Harris	121.31	44	P	PKPdf	04 03 55.1	-0.1
H33A	baz=117 Prenh Over Nor	117.42	38	P	PKPdf	04 03 48.0	+0.4	229A	baz=119 Bryant Ranch,	119.14	53	P	PKPdf	04 03 51.6	+0.3	U35A	baz=121 Pawnee	121.33	47	P	PKPdf	04 03 55.9	+0.6
P30A	baz=117 Selden	117.46	45	P	PKPdf	04 03 47.9	0.0	S32A	baz=119 Newby Ranch, P	119.16	46	P	PKPdf	04 03 51.0	-0.1	233A	baz=121 Rising Star	121.44	52	P	PKPdf	04 03 56.1	+0.5
V28A	baz=118 Channing	117.50	49	P	PKPdf	04 03 48.6	+0.5	329A	baz=119 Wagon Wheel Ra	119.17	54	P	PKPdf	04 03 51.6	+0.2	V35A	baz=121 Meyer Ranch, C	121.51	47	P	PKPdf	04 03 56.0	+0.3
M31A	baz=118 Lambrecht Ranc	117.56	42	P	PKPdf	04 03 48.1	+0.2	Y30A	baz=119 Stafford Cattl	119.19	51	P	PKPdf	04 03 51.6	+0.2	S36A	baz=122 Lake Cedric, C	121.53	45	P	PKPdf	04 03 55.8	+0.1
S29A	baz=118 Ulysses	117.61	47	P	PKPdf	04 03 48.5	+0.3	Z30A	baz=119 Sanderson Ranc	119.23	51	P	PKPdf	04 03 51.3	-0.1	Y34A	baz=122 Reagan Ranch,	121.57	50	P	PKPdf	04 03 56.1	+0.3
K32A	baz=118 Verdigre	117.62	41	P	PKPdf	04 03 48.1	+0.1	V31A	baz=119 Spring Creek L	119.28	48	P	PKPdf	04 03 51.7	+0.3	632A	baz=122 Uvalde	121.61	55	P	PKPdf	04 03 56.4	+0.3
T29A	baz=118 Hugoton	117.66	47	P	PKPdf	04 03 48.1	-0.2	P33A	baz=119 Williams Farm,	119.28	44	P	PKPdf	04 03 51.5	+0.2	333A	baz=122 Richland Sprin	121.63	53	P	PKPdf	04 03 56.5	+0.5
W28A	baz=118 Vega	117.69	50	P	PKPdf	04 03 48.7	+0.2	K35A	baz=119 Storm Lake	119.35	39	P	PKPdf	04 03 51.2	-0.1	T36A	baz=122 Boggs Farm, Ca	121.63	45	P	PKPdf	04 03 56.1	+0.2
I33A	baz=118 Coleman	117.70	39	P	PKPdf	04 03 48.4	+0.3	Q33A	baz=119 Connelly Farm,	119.39	44	P	PKPdf	04 03 51.7	+0.2	Z34A	baz=122 Collier Ranch,	121.69	50	P	PKPdf	04 03 56.2	+0.1
MSTX	baz=118 Muleshoe	117.70	51	ePKPdf	PKPdf	04 03 49.0	+0.5	T32A	baz=119 Huddler Ranch,	119.39	47	P	PKPdf	04 03 51.9	+0.3	732A	baz=122 Laxson Ranch,	121.72	56	P	PKPdf	04 03 56.6	+0.3
MSTX	baz=118 Muleshoe	117.70	51	ePKPdf	PKPdf	04 03 49.4	+0.9	S29A	baz=119 Kaznest Ra	119.41	55	P	PKPdf	04 03 52.3	+0.4	W35A	baz=122 Tecumseh	121.74	48	P	PKPdf	04 03 56.3	+0.2
Q30A	baz=118 Quinter	117.71	45	P	PKPdf	04 03 48.5	+0.1	I36A	baz=119 Fitzsimmons Fa	119.43	38	P	PKPdf	04 03 51.6	+0.2	433A	baz=122 Art	121.75	53	P	PKPdf	04 03 56.2	0.0
D35A	baz=118 Remer	117.75	35	P	PKPdf	04 03 47.9	-0.2	W31A	baz=119 Holland Ranch,	119.43	49	P	PKPdf	04 03 52.3	+0.5	Q37A	baz=122 Conroy Farm,	121.77	43	P	PKPdf	04 03 55.7	-0.4
N31A	baz=118 Bailey Ranch,	117.80	43	P	PKPdf	04 03 48.3	-0.2	N34A	baz=119 Lincoln	119.45	42	P	PKPdf	04 03 51.8	+0.2	R37A	baz=122 Teagarden Farm	121.79	44	P	PKPdf	04 03 55.9	-0.2
G34A	baz=118 Benson	117.80	37	P	PKPdf	04 03 48.2	0.0	L35A	baz=119 Blowell Farm, R	119.45	40	P	PKPdf	04 03 51.5	0.0	832A	baz=122 Fath Ranch, C	121.86	57	P	PKPdf	04 03 56.6	+0.1
E35A	baz=118 Pequot Lakes	117.83	35	P	PKPdf	04 03 48.3	0.0	SPMN	baz=119 St. Paul	119.50	36	P	PKPdf	04 03 51.8	+0.3	134A	baz=122 White-Moore Ra	121.87	51	P	PKPdf	04 03 56.8	+0.4
O31A	baz=118 Woolen Ranch,	117.84	44	P	PKPdf	04 03 48.6	+0.1	SPMN	baz=119 St. Paul	119.50	36	ePKPdf ePP	PKPdf	04 03 51.1	-0.4	X35A	baz=122 Drake	121.99	49	P	PKPdf	04 03 56.7	0.0
L32A	baz=118 Elgin	117.90	41	P	PKPdf	04 03 48.5	-0.1	429A	baz=120 Davenport Ranc	119.52	55	P	PKPdf	04 05 10.9	-2.1	533A	baz=122 Kerrville	122.03	54	P	PKPdf	04 03 56.9	0.0
J33A	baz=118 Davis	117.95	40	P	PKPdf	04 03 48.6	0.0	R33A	baz=120 Olander Ranch,	119.58	45	P	PKPdf	04 03 52.0	+0.1	U36A	baz=122 Oologah	122.04	46	P	PKPdf	04 03 56.9	+0.2
U29A	baz=118 Oasis Ranch, S	117.95	48	P	PKPdf	04 03 49.1	+0.2	130A	baz=120 Snyder	119.60	52	P	PKPdf	04 03 52.0	-0.1	234A	baz=122 Clairette	122.05	52	P	PKPdf	04 03 57.0	+0.2
R30A	baz=118 Dighton	117.96	46	P	PKPdf	04 03 49.2	+0.4	X31A	baz=120 McDonald Ranch	119.62	50	P	PKPdf	04 03 52.1	+0.1	S37A	baz=122 Fort Scott	122.05	44	P	PKPdf	04 03 56.4	-0.3
X28A	baz=118 Dimmitt	117.96	51	P	PKPdf	04 03 49.1	+0.1	O34A	baz=120 Beatrice	119.63	43	P	PKPdf	04 03 52.0	+0.1	633A	baz=122 Gathoff Ranch	122.13	55	P	PKPdf	04 03 58.0	+0.9
ECSD	baz=118,SNR=7.6 EROS Data Cent	117.97	39	P	PKPdf	04 03 48.9	+0.3	Y31A	baz=120 Rekieta Farm,	119.65	50	P	PKPdf	04 03 52.7	+0.5	Y35A	baz=122 Marietta	122.14	49	P	PKPdf	04 03 57.1	+0.2
ECSD	EROS Data Cent	117.97	39	ePKPdf ePP	PKPdf	04 03 48.5	-0.1	U32A	baz=120 Winter Ranch,	119.66	47	P	PKPdf	04 03 52.1	0.0	V36A	baz=122 Jenks	122.16	47	P	PKPdf	04 03 57.1	+0.2
ECSD	EROS Data Cent	117.97	39	ePKPdf ePP	PKPdf	04 03 49.1	+0.2	M35A	baz=120 Neola	119.68	41	P	PKPdf	04 03 51.9	0.0	TUL1	baz=122 Tulsa	122.21	47	ePKPdf	PKPdf	04 03 57.3	+0.3
V29A	baz=118 Stinnett	117.98	49	P	PKPdf	04 03 49.1	+0.5	320A	baz=120 Sterling City	119.73	53	P	PKPdf	04 03 52.8	+0.3	TUL1	baz=122 Tulsa	122.21	47	ePKPdf	PKPdf	04 03 56.9	-0.1
H34A	baz=118 Spellman Lake,	118.02	38	P	PKPdf	04 03 49.1	+0.5	P34A	baz=120 Ward Farm, R	119.83	43	P	PKPdf	04 03 52.4	0.0	Z35A	baz=122 Perchaven, San	122.21	50	P	PKPdf	04 03 57.5	+0.4
C36A	baz=118 Pine Crest Far	118.05	34	P	PKPdf	04 03 48.6	0.0	330A	baz=120 Mertzon	119.84	54	P	PKPdf	04 03 52.6	0.0	334A	baz=122 Lometa	122.22	53	P	PKPdf	04 03 57.3	+0.1
P31A	baz=118 Stockton	118.08	44	P	PKPdf	04 03 49.4	+0.4	S33A	baz=120,SNR=7.0 Kasaul Farm,	119.88	46	P	PKPdf	04 03 53.0	+0.5	W36A	baz=122 Wetumka	122.23	48	P	PKPdf	04 03 57.6	+0.6
BGNE	baz=118 Belgrade	118.08	42	P	PKPdf	04 03 49.4	+0.5	V32A	baz=120 Arapaho	119.90	48	P	PKPdf	04 03 52.5	-0.1	733A	baz=122 Divot King Ran	122.28	56	P	PKPdf	04 03 58.0	+0.7
BGNE	baz=118 Belgrade	118.08	42	ePKPdf ePP	PKPdf	04 03 48.8	-0.1	T33A	baz=120 Patterson Ranc	119.92	46	P	PKPdf	04 03 53.0	+0.4	T37A	baz=122 Cheneyville 18	122.29	45	P	PKPdf	04 03 57.4	+0.3
S30A	baz=118 Montezuma	118.08	47	P	PKPdf	04 03 49.2	+0.1	W32A	baz=120 Sentinel	119.98	49	P	PKPdf	04 03 53.2	+0.4	JFWS	baz=122 Jewell Farm	122.33	37	ePKIKP	PKPdf	04 03 56.6	-0.4
F35A	baz=118 Swanville	118.11	36	P	PKPdf	04 03 49.0	+0.2	Z31A															

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like Heron Place, Smothers Creek, Washetta, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like TRY, WVW, BLA, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like TACH, TACH, RCDM, etc.

TURN	i S	Sn	04 32 11.9 -1.1	EREN Erenkoy	6.67 76 ePn	Pn	04 32 32.0 +0.6	KIV Kislovodsk	comp=Z,40nm,1.0s	16.04 48 i P	P	04 34 42.6 +1.2
TURN	Turnc	3.28 36 i P	04 31 40.8 -4.2	EREN Erenkoy	6.67 76 ePn	Pn	04 32 32.0 +0.6	KIV Kislovodsk	comp=Z,46nm,1.1s	16.04 48 ePn	P	04 34 40.8 -0.6
KYTH	Kithira	3.32 309 ePn	04 31 46.2 +0.7	HORT Hortiatis	6.83 340 ePn	Pn	04 32 34.3 +0.5	KBZ Khabaz	comp=Z,0.4nm,1.0s	16.05 49 ePn	Pn	04 34 40.0 +1.4
FETH	Kithira	3.32 309 ePn	04 31 46.2 +0.7	HORT Hortiatis	6.83 340 ePn	Pn	04 32 34.3 +0.5	KBZ Khabaz	comp=Z,0.4nm,1.0s	16.05 49 ePn	Pn	04 34 40.0 +1.4
FETH	Fethiye	3.36 43 ePn	04 31 46.1 +0.1	KIZK Kizilirmak	6.86 69 i S	Pn	04 32 33.7 -0.3	KBZ Khabaz	comp=Z,0.4nm,0.3s,baz=236,slow=3.3,SNR=13	16.05 49 P	P	04 34 40.0 +1.4
FETH	Fethiye	3.36 43 ePn	04 31 46.1 +0.1	KIZK Kizilirmak	6.86 69 i S	Pn	04 32 33.7 -0.3	KBZ Khabaz	comp=Z,0.4nm,0.3s,baz=236,slow=3.3,SNR=13	16.05 49 P	P	04 34 40.0 +1.4
YER Yerkesik		3.36 29 ePn	04 31 45.6 -0.5	NBNS Bani Suef	7.07 141 P	Pn	04 32 35.1 -1.9	ZEI Tsey	comp=Z,57nm,0.9s	16.25 53 ePn	P	04 34 41.5 +1.1
YER Yerkesik		3.36 29 ePn	04 31 45.6 -0.5	NBNS Bani Suef	7.07 141 P	Pn	04 32 35.1 -1.9	ZEI Tsey	comp=Z,57nm,0.9s	16.25 53 ePn	P	04 34 41.5 +1.1
KSL Kastellorizon		3.36 54 ePn	04 31 46.6 +0.6	NBNS Bani Suef	7.07 141 P	Pn	04 32 35.1 -1.9	ZEI Tsey	comp=Z,57nm,0.9s	16.25 53 ePn	P	04 34 41.5 +1.1
AKAS Kas		3.42 53 i P	04 32 25.3 -1.1	HFRF Wahat Farafira	7.28 165 P	Pn	04 32 37.4 -2.4	ABTA Abfaltersbach	comp=Z,1.1nm,0.4s	16.26 324 i Pn	Pn	04 34 39.2 -2.1
AKAS Kas		3.42 53 i P	04 32 25.3 -1.1	HFRF Wahat Farafira	7.28 165 P	Pn	04 32 37.4 -2.4	ABTA Abfaltersbach	comp=Z,1.1nm,0.4s	16.26 324 i Pn	Pn	04 34 39.2 -2.1
AKAS Kas		3.42 53 i P	04 32 25.3 -1.1	HFRF Wahat Farafira	7.28 165 P	Pn	04 32 37.4 -2.4	ABTA Abfaltersbach	comp=Z,1.1nm,0.4s	16.26 324 i Pn	Pn	04 34 39.2 -2.1
SMG Samos		3.52 8 P	04 31 47.5 -0.7	KNT Kendrikon	7.41 340 ePn	Pn	04 32 40.4 -1.2	ABTA Abfaltersbach	comp=Z,6.7nm,0.5s	16.26 324 i Pn	Pn	04 34 39.2 -2.1
SMG Samos		3.52 8 P	04 31 47.5 -0.7	KNT Kendrikon	7.41 340 ePn	Pn	04 32 40.4 -1.2	ABTA Abfaltersbach	comp=Z,6.7nm,0.5s	16.26 324 i Pn	Pn	04 34 39.2 -2.1
SMG Samos		3.52 8 P	04 31 47.5 -0.7	KNT Kendrikon	7.41 340 ePn	Pn	04 32 40.4 -1.2	ABTA Abfaltersbach	comp=Z,6.7nm,0.5s	16.26 324 i Pn	Pn	04 34 39.2 -2.1
SMG Samos		3.52 8 P	04 31 47.5 -0.7	KNT Kendrikon	7.41 340 ePn	Pn	04 32 40.4 -1.2	ABTA Abfaltersbach	comp=Z,6.7nm,0.5s	16.26 324 i Pn	Pn	04 34 39.2 -2.1
SMG Samos		3.52 8 P	04 31 47.5 -0.7	KNT Kendrikon	7.41 340 ePn	Pn	04 32 40.4 -1.2	ABTA Abfaltersbach	comp=Z,6.7nm,0.5s	16.26 324 i Pn	Pn	04 34 39.2 -2.1
GCAM G?zelcaml?		3.57 13 i P	04 31 48.6 -0.3	FNA Florina	7.60 331 ePn	Pn	04 32 44.0 -0.2	MOA Molin	comp=Z,7.9nm,1.1s	16.30 330 P	P	04 34 44.4 +0.1
GCAM G?zelcaml?		3.57 13 i P	04 31 48.6 -0.3	FNA Florina	7.60 331 ePn	Pn	04 32 44.0 -0.2	MOA Molin	comp=Z,7.9nm,1.1s	16.30 330 P	P	04 34 44.4 +0.1
VLJ Veliai		3.66 314 ePn	04 31 49.1 -1.0	GULE Gulek	7.60 64 i S	Sn	04 32 46.1 +0.7	MOA Molin	comp=Z,7.9nm,1.1s	16.30 330 P	P	04 34 44.4 +0.1
VLJ Veliai		3.66 314 ePn	04 31 49.1 -1.0	GULE Gulek	7.60 64 i S	Sn	04 32 46.1 +0.7	MOA Molin	comp=Z,7.9nm,1.1s	16.30 330 P	P	04 34 44.4 +0.1
VLJ Veliai		3.66 314 ePn	04 31 49.1 -1.0	GULE Gulek	7.60 64 i S	Sn	04 32 46.1 +0.7	MOA Molin	comp=Z,7.9nm,1.1s	16.30 330 P	P	04 34 44.4 +0.1
VLJ Veliai		3.66 314 ePn	04 31 49.1 -1.0	GULE Gulek	7.60 64 i S	Sn	04 32 46.1 +0.7	MOA Molin	comp=Z,7.9nm,1.1s	16.30 330 P	P	04 34 44.4 +0.1
VLJ Veliai		3.66 314 ePn	04 31 49.1 -1.0	GULE Gulek	7.60 64 i S	Sn	04 32 46.1 +0.7	MOA Molin	comp=Z,7.9nm,1.1s	16.30 330 P	P	04 34 44.4 +0.1
AYDN Tasoluk		3.69 21 i P	04 31 51.9 +1.3	ANTO Ankara	7.71 41 ePn	Pn	04 32 46.5 +0.7	NCK Natclik	comp=Z,2.2nm,0.6s	16.61 7 ePn	Pn	04 34 43.5 -2.1
AYDN Tasoluk		3.69 21 i P	04 31 51.9 +1.3	ANTO Ankara	7.71 41 ePn	Pn	04 32 46.5 +0.7	NCK Natclik	comp=Z,2.2nm,0.6s	16.61 7 ePn	Pn	04 34 43.5 -2.1
ELL Elmali		3.93 49 ePn	04 31 53.9 -0.1	ANTO Ankara	7.71 41 ePn	Pn	04 32 46.5 +0.7	NCK Natclik	comp=Z,2.2nm,0.6s	16.61 7 ePn	Pn	04 34 43.5 -2.1
ELL Elmali		3.93 49 ePn	04 31 53.9 -0.1	ANTO Ankara	7.71 41 ePn	Pn	04 32 46.5 +0.7	NCK Natclik	comp=Z,2.2nm,0.6s	16.61 7 ePn	Pn	04 34 43.5 -2.1
AYDD Zeytinokoy-Aydi		3.96 20 ePn	04 31 53.8 -0.6	YAYX Yaylak	7.71 50 ePn	Pn	04 32 46.8 +0.9	NCK Natclik	comp=Z,2.2nm,0.6s	16.61 7 ePn	Pn	04 34 43.5 -2.1
AYDD Zeytinokoy-Aydi		3.96 20 ePn	04 31 53.8 -0.6	YAYX Yaylak	7.71 50 ePn	Pn	04 32 46.8 +0.9	NCK Natclik	comp=Z,2.2nm,0.6s	16.61 7 ePn	Pn	04 34 43.5 -2.1
AYDD Zeytinokoy-Aydi		3.96 20 ePn	04 31 53.8 -0.6	YAYX Yaylak	7.71 50 ePn	Pn	04 32 46.8 +0.9	NCK Natclik	comp=Z,2.2nm,0.6s	16.61 7 ePn	Pn	04 34 43.5 -2.1
KRND KRANIDI		4.02 323 ePn	04 31 53.8 +0.7	YAYX Yaylak	7.71 50 ePn	Pn	04 32 46.8 +0.9	NCK Natclik	comp=Z,2.2nm,0.6s	16.61 7 ePn	Pn	04 34 43.5 -2.1
KRND KRANIDI		4.02 323 ePn	04 31 53.8 +0.7	YAYX Yaylak	7.71 50 ePn	Pn	04 32 46.8 +0.9	NCK Natclik	comp=Z,2.2nm,0.6s	16.61 7 ePn	Pn	04 34 43.5 -2.1
GOLH Golhisar		4.06 41 i P	04 31 55.8 +0.7	MMAI Mount Meron Ar	7.75 96 Pn	Pn	04 32 47.2 -3.3	KIEV Kiev	comp=Z,2.2nm,0.6s	16.61 7 ePn	Pn	04 34 43.5 -2.1
GOLH Golhisar		4.06 41 i P	04 31 55.8 +0.7	MMAI Mount Meron Ar	7.75 96 Pn	Pn	04 32 47.2 -3.3	KIEV Kiev	comp=Z,2.2nm,0.6s	16.61 7 ePn	Pn	04 34 43.5 -2.1
GOLH Golhisar		4.06 41 i P	04 31 55.8 +0.7	MMAI Mount Meron Ar	7.75 96 Pn	Pn	04 32 47.2 -3.3	KIEV Kiev	comp=Z,2.2nm,0.6s	16.61 7 ePn	Pn	04 34 43.5 -2.1
GOLH Golhisar		4.06 41 i P	04 31 55.8 +0.7	MMAI Mount Meron Ar	7.75 96 Pn	Pn	04 32 47.2 -3.3	KIEV Kiev	comp=Z,2.2nm,0.6s	16.61 7 ePn	Pn	04 34 43.5 -2.1
GOLH Golhisar		4.06 41 i P	04 31 55.8 +0.7	MMAI Mount Meron Ar	7.75 96 Pn	Pn	04 32 47.2 -3.3	KIEV Kiev	comp=Z,2.2nm,0.6s	16.61 7 ePn	Pn	04 34 43.5 -2.1
DIDY Didyma		4.06 324 ePn	04 31 56.1 +0.3	HWQ Haweqa	8.03 92 ePn	Pn	04 32 47.9 -0.8	KIEV Kiev	comp=Z,2.2nm,0.6s	16.61 7 ePn	Pn	04 34 43.5 -2.1
DIDY Didyma		4.06 324 ePn	04 31 56.1 +0.3	HWQ Haweqa	8.03 92 ePn	Pn	04 32 47.9 -0.8	KIEV Kiev	comp=Z,2.2nm,0.6s	16.61 7 ePn	Pn	04 34 43.5 -2.1
DIDY Didyma		4.06 324 ePn	04 31 56.1 +0.3	HWQ Haweqa	8.03 92 ePn	Pn	04 32 47.9 -0.8	KIEV Kiev	comp=Z,2.2nm,0.6s	16.61 7 ePn	Pn	04 34 43.5 -2.1
DIDY Didyma		4.06 324 ePn	04 31 56.1 +0.3	HWQ Haweqa	8.03 92 ePn	Pn	04 32 47.9 -0.8	KIEV Kiev	comp=Z,2.2nm,0.6s	16.61 7 ePn	Pn	04 34 43.5 -2.1
DIDY Didyma		4.06 324 ePn	04 31 56.1 +0.3	HWQ Haweqa	8.03 92 ePn	Pn	04 32 47.9 -0.8	KIEV Kiev	comp=Z,2.2nm,0.6s	16.61 7 ePn	Pn	04 34 43.5 -2.1
VLV Voula,Athens		4.12 332 ePn	04 31 56.7 +0.2	BRTR Keskin Array B	8.09 45 Pn	Pn	04 32 49.1 -2.0	AKASG Malin Array Be	comp=Z,1.2nm,0.4s	16.62 7 ePn	Pn	04 34 46.4 +0.7
VLV Voula,Athens		4.12 332 ePn	04 31 56.7 +0.2	BRTR Keskin Array B	8.09 45 Pn	Pn	04 32 49.1 -2.0	AKASG Malin Array Be	comp=Z,1.2nm,0.4s	16.62 7 ePn	Pn	04 34 46.4 +0.7
VLV Voula,Athens		4.12 332 ePn	04 31 56.7 +0.2	BRTR Keskin Array B	8.09 45 Pn	Pn	04 32 49.1 -2.0	AKASG Malin Array Be	comp=Z,1.2nm,0.4s	16.62 7 ePn	Pn	04 34 46.4 +0.7
VLV Voula,Athens		4.12 332 ePn	04 31 56.7 +0.2	BRTR Keskin Array B	8.09 45 Pn	Pn	04 32 49.1 -2.0	AKASG Malin Array Be	comp=Z,1.2nm,0.4s	16.62 7 ePn	Pn	04 34 46.4 +0.7
VLV Voula,Athens		4.12 332 ePn	04 31 56.7 +0.2	BRTR Keskin Array B	8.09 45 Pn	Pn	04 32 49.1 -2.0	AKASG Malin Array Be	comp=Z,1.2nm,0.4s	16.62 7 ePn	Pn	04 34 46.4 +0.7
DNZL Cakiroluk		4.15 33 i P	04 31 56.7 -0.4	BRTR Keskin Array B	8.09 45 Pn	Pn	04 32 49.1 -2.0	AKASG Malin Array Be	comp=Z,1.2nm,0.4s	16.62 7 ePn	Pn	04 34 46.4 +0.7
DNZL Cakiroluk		4.15 33 i P	04 31 56.7 -0.4	BRTR Keskin Array B	8.09 45 Pn	Pn	04 32 49.1 -2.0	AKASG Malin Array Be	comp=Z,1.2nm,0.4s	16.62 7 ePn	Pn	04 34 46.4 +0.7
DNZL Cakiroluk		4.15 33 i P	04 31 56.7 -0.4	BRTR Keskin Array B	8.09 45 Pn	Pn	04 32 49.1 -2.0	AKASG Malin Array Be	comp=Z,1.2nm,0.4s	16.62 7 ePn	Pn	04 34 46.4 +0.7
DNZL Cakiroluk		4.15 33 i P	04 31 56.7 -0.4	BRTR Keskin Array B	8.09 45 Pn	Pn	04 32 49.1 -2.0	AKASG Malin Array Be	comp=Z,1.2nm,0.4s	16.62 7 ePn	Pn	04 34 46.4 +0.7
DNZL Cakiroluk		4.15 33 i P	04 31 56.7 -0.4	BRTR Keskin Array B	8.09 45 Pn	Pn	04 32 49.1 -2.0	AKASG Malin Array Be	comp=Z,1.2nm,0.4s	16.62 7 ePn	Pn	04 34 46.4 +0.7
CHOS Chios island		4.16 358 ePn	04 31 56.7 -0.4	BRTR Keskin Array B	8.09 45 Pn	Pn	04 32 49.1 -2.0	AKASG Malin Array Be	comp=Z,1.2nm,0.4s	16.62 7 ePn	Pn	04 34 46.4 +0.7
CHOS Chios island		4.16 358 ePn	04 31 56.7 -0.4	BRTR Keskin Array B	8.09 45 Pn	Pn	04 32 49.1 -2.0	AKASG Malin Array Be	comp=Z,1.2nm,0.4s	16.62 7 ePn	Pn	04 34 46.4 +0.7
CHOS Chios island		4.16 358 ePn	04 31 56.7 -0.4	BRTR Keskin Array B	8.09 45 Pn	Pn	04 32 49.1 -2.0	AKASG Malin Array Be	comp=Z,1.2nm,0.4s	16.62 7 ePn	Pn	04 34 46.4 +0.7
CHOS Chios island		4.16 358 ePn	04 31 56.7 -0.4	BRTR Keskin Array B	8.09 45 Pn	Pn	04 32 49.1 -2.0	AKASG Malin Array Be	comp=Z,1.2nm,0.4s	16.62 7 ePn	Pn	04 34 46.4 +0.7
CHOS Chios island		4.16 358 ePn	04 31 56.7 -0.4	BRTR Keskin Array B	8.09 45 Pn	Pn	04 32 49.1 -2.0	AKASG Malin Array Be	comp=Z,1.2nm,0.4s	16.62 7 ePn	Pn	04 34 46.4 +0.7
NAIG Nisos Aigina		4.17 329 ePn	04 31 57.5 +0.4	BRTR Keskin Array B	8.09 45 Pn	Pn	04 32 49.1 -2.0	AKASG Malin Array Be	comp=Z,1.2nm,0.4s	16.62 7 ePn	Pn	04 34 46.4 +0.7
NAIG Nisos Aigina		4.17 329 ePn	04 31 57.5 +0.4	BRTR Keskin Array B	8.09 45 Pn	Pn	04 32 49.1 -2.0	AKASG Malin Array Be	comp=Z,1.2nm,0.4s	16.62 7 ePn	Pn	04 34 46.4 +0.7
NAIG Nisos Aigina		4.17 329 ePn	04 31 57.5 +0.4	BRTR Keskin Array B	8.09 45 Pn	Pn	04 32 49.1 -2.0	AKASG Malin Array Be	comp=Z,1.2nm,0.4s	16.62 7 ePn	Pn	04 34 46.4 +0.7
NAIG Nisos Aigina		4.17 329 ePn	04 31 57.5 +0.4	BRTR Keskin Array B	8.09 45 Pn	Pn	04 32 49.1 -2.0	AKASG Malin Array Be	comp=Z,1.2nm,0.4s	16.62 7 ePn	Pn	04 34 46.4 +0.7
NAIG Nisos Aigina		4.17 329 ePn	04 31 57.5 +0.4	BRTR Keskin Array B	8.09 45 Pn	Pn	04 32 49.1 -2.0	AKASG Malin Array Be	comp=Z,1.2nm,0.4s	16.62 7 ePn	Pn	04 34 46.4 +0.7
DENT Denizli		4.20 32 ePn	04 31 57.6 -0.0	BRTR Keskin Array B	8.09 45 Pn	Pn	04 32 49.1 -2.0	AKASG Malin Array Be	comp=Z,1.2nm,0.4s	16.62 7 ePn	Pn	04 34 46.4 +0.7
DENT Denizli		4.20 32 ePn	04 31 57.6 -0.0	BRTR Keskin Array B	8.09 45 Pn	Pn	04 32 49.1 -2.0	AKASG Malin Array Be	comp=Z,1.2nm,0.4s	16.62 7 ePn	Pn	04 34 46.4 +0.7
DENT Denizli		4.20 32 ePn	04 31 57.6 -0.0	BRTR Keskin Array B	8.09 45 Pn	Pn	04 32 49.1 -2.0	AKASG Malin Array Be	comp=Z,1.2nm,0.4s	16.62 7 ePn	Pn	04 34 46.4 +0.7
DENT Denizli		4.20 32 ePn	04 31 57.6 -0.0	BRTR Keskin Array B	8.09 45 Pn	Pn	04 32 49.1 -2.0	AKASG Malin Array Be	comp=Z,1.2nm,0.4s	16.62 7 ePn	Pn	04 34 46.4 +0.7
DENT Denizli		4.20 32 ePn	04 31 57.6 -0.0	BRTR Keskin Array B	8.09 45 Pn	Pn	04 32 49.1 -2.0	AKASG Malin Array Be	comp=Z,1.2nm,0.4s	16.62 7 ePn	Pn	04 34 46.4 +0.7
ATH Athens Observa		4.26 332 ePn	04 31 58.0 -0.3	BRTR Keskin Array B	8.09 45 Pn	Pn	04 32 49.1 -2.0	AKASG Malin Array Be	comp=Z,1.2nm,0.4s	16.62 7 ePn	Pn	04 34 46.4 +0.7
ATH Athens Observa		4.26 332 ePn	04 31 58.0 -0.3	BRTR Keskin Array B	8.09 45 Pn	Pn	04 32 49.1 -2.0	AKASG Malin Array Be	comp=Z,1.2nm,0.4s	16.62 7 ePn	Pn	04 34 46.4 +0.7
ATH Athens Observa		4.26 332 ePn	04 31 58.0 -0.3	BRTR Keskin Array B	8.09 45 Pn	Pn	04 32 49.1 -2.0	AKASG Malin Array Be	comp=Z,1.2nm,0			

Table with columns: Station Name, Frequency, Band, Mode, and other parameters. Includes stations like LOMont, Mofkenrain, Suwalki, etc.

Table with columns: Station Name, Frequency, Band, Mode, and other parameters. Includes stations like PVAQ, Vaqueiros, AKTK, Aktyubinsk, etc.

Table with columns: Station Name, Frequency, Band, Mode, and other parameters. Includes stations like CD2, Chengdu, SCHO, Scheffvilsk, etc.

ISCJB 30 04:34:21.0, 0.8, 45.0N, 0.1:28.0W, 0.1, 14km, mb4.0/15, MS3.6/3, Error ellipse: s-maj=21.0km s-min=10.8km az=12.9

IDC 30 04:34:20.7, 0.9, 45.02N, 28.03W, h0km, mb3.9/14, m1 4.1/16, m1mx3.9/57, m1btp3.9/16, ML3.1/1, MS3.7/4, M1 3.7/4, ms1mx3.3/47, Error ellipse: s-maj=28.4km s-min=17.0km az=7.0

NEIC 30 04:34:22.0, 0.5, 45.00N, 27.97W, h10km, mb4.3/2, Error ellipse: s-maj=15.5km s-min=8.1km az=193.0

ISC 30 04:34:22.8, 0.9, 45.0N, 0.2:28.0W, 0.1, 14km, n24, o568/23, mb4.0/15, MS3.6/3, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Frequency, Band, Mode, and other parameters. Includes stations like PAB, San Pablo, ESDC, Sonseca Array, etc.

Bull 30 04:53:40.0, 72.80N:152.20W, h10km, mb4.9/11, mB5.0/9, Ms4.9/6, M1 4.5/6

ISCJB 30 04:53:41.2, 3.3, 72.77N:0.02:152.2W, 0.1, h13km, 8km, mb4.5/7, MS3.9/3, Error ellipse: s-maj=6.1km s-min=3.9km az=162.1

IDC 30 04:53:41.8, 0.5, 72.99N:151.75W, h0km, mb4.3/22, mb1 4.4/27, m1mx4.3/44, m1btp4.3/27, ML4.5/M3.5/5, M1 3.5/5, m1mx3.0/57, Error ellipse: s-maj=15.6km s-min=11.2km az=48.0

NEIC 30 04:53:42.8, 0.2, 72.85N:152.09W, h10km, mb4.6/48, ML4.6(AE/C), Error ellipse: s-maj=4.7km s-min=2.8km az=85.0

Table with columns: Code, Station Name, Frequency, Band, Mode, and other parameters. Includes stations like PS01, TAPS Pump Stn, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like GUN Gumba, PKI Pulchoki, DMN Daman, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like KII Karymskiy, NLC Nalytchevo, SPN Mys Shipunski, etc.

Table with columns: VRI Vrcinoiaia, 0.42, 40, P, Pn, 05 31 42.6 -0.4. Includes stations like VRI Vrcinoiaia, VRI Vrcinoiaia, ISR Istrita, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VACH Vallenaar, LCO Las Campanas, CPCH Copiapo, etc.

ISC/JB 30 05:22:23.0, 6.23N, 123.99E, 0.4, h550km, mb3.8/8, Error ellipse: s-maj=5.1, 2km s-min=12.3km az=162.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CDCH Caldera, MORC Moravsky Berou, etc.

ISC 30 05:22:24.8, 1.62N, 123.89E, 0.5, h550km, n14, s-maj=2.4km s-min=14.4km az=67.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like RAC Raciborz, OKC Ostrava-Krasne, etc.

ISC/JB 30 05:08:53.9, 0.6, 50.11N, 0.04, 18.35E, 0.03, h0km, Error ellipse: s-maj=5.3km s-min=2.6km az=8.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BUCI Bucharest, GIUM Giurgiuilesti, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like OJC Ojcow, KRALC Kraliky, LANS Liptovska Anna, etc.

ISC 30 05:08:55.0, 0.8, 50.07N, 0.04, 18.42E, 0.02, h0km, n29, s105/45, Poland

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

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

ISC/JB 30 05:25:06.5, 0.6, 20.16S, 0.06, 65.16W, 0.07, h350km, mb4.1/4, Error ellipse: s-maj=3.7km s-min=8.3km az=30.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CVD Cernavoda, CFAA Coronel Fontan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like NIE Niedzica, VRAC Vranov, etc.

ISC 30 05:25:07.1, 0.7, 20.08S, 0.08, 65.26W, 0.09, h350km, n11, s109/13, mb4.1/4, Southern Bolivia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MSAB Monastery St. A, MSAB Monastery St. A, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VYHS Vyhne, UPIC Upice, KRUC Moravsky, etc.

ISC/JB 30 05:31:21.5, 0.1, 45.52N, 0.01, 26.34E, 0.02, h140km, 1km, mb4.2/49, Error ellipse: s-maj=2.1km s-min=1.9km az=149.3

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like STHS Stebnicka Huta, GOPC GO Pecny, PRU Pruhonice, etc.

BUC 30 05:31:21.3, 3.0, 45.55N, 26.20E, h136km, 3km, mb3.9/26, mb1.3/9.3, mb1mx3.8/49, mbtmp4.2/36, Error ellipse: s-maj=1.0km s-min=0.7km az=162.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like BOSO Bosohof, VNSA Vanda, H10S2 ASCENSION HYDR#8.20, etc.

NEIC 30 05:31:22.6, 0.2, 45.54N, 26.25E, mb4.5/7, MD4.3(BUC), Error ellipse: s-maj=3.3km s-min=3.3km az=132.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LPAZ La Paz, TORO Torodi Ar. Bea, SONM Songoing Array, etc.

NEIC Felt (J) at Bucharest. Also felt at Braila, Buzau, Galati and Iasi. Felt at Chisinau, Moldova.

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

KRSC 30 05:16:07.1, 0.5, 53.72N, 159.78E, h102km, 5km, ML3.6, Near east coast of Kamchatka Peninsula

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

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

Table with columns: BLDU, Ballidu, 30.24 210 P, P, 05 45 30.6 +2.3, QIZ, Qiongzong, 33.59 316 P, S, P, 05 45 57.8 +0.1, NJZ, Nanjing, 39.47 340 P, S, P, 05 51 21.5 +2.1, GYA, Guiyang, 40.86 321 eP, P, 05 47 01.0 +1.5, MJAR, Matsushiro Arr, 41.46 5 LR, LR, 06 02 46.0, KMI, Kunming, 42.53 316 pP, P, 05 47 16.0 +2.6, KSRS, Korea Array, 42.53 353 LR, LR, 06 06 15.6, XAN, Xi'an, 45.38 330 pP, P, 05 47 35.3 -0.6, CD2, Chengdu, 45.82 323 P, P, 05 47 38.3 -1.2, USRK, Ussuriysk Ar., 49.94 358 P, P, 05 48 00.6 -2.8, MDJ, Mudanjiang, 49.48 356 P, P, 05 48 07.8 +0.2, LDJ, Lanzhou, 49.57 328 eP, P, 05 48 09.3 +0.6, RPZ, Rata Peaks, 50.61 145 LR, LR, 06 09 21.1, GTA, Gaotai, 54.17 328 eP, P, 05 48 43.5 +0.6, AFJ, Afjalu, 54.23 104 LR, LR, 06 10 39.7, SONM, Songino Array, 57.84 338 P, P, 05 49 08.6 -0.4, PETK, Petropavlovsk, 61.22 16 LR, LR, 06 12 34.9, TLY, Talaya, 62.03 339 LR, LR, 06 19 22.6, WMQ, Urumqi, 63.88 324 eP, P, 05 49 50.0 -0.1, MK01, Makanchi Array, 68.69 325 eP, P, 05 50 20.6 -0.3, KSH, Kashi, 69.19 315 eP, P, 05 50 25.8 +1.5, ZALV, Zalesovo Beam, 71.52 332 P, P, 05 50 36.9 -1.1, Vnda, 74.05 174 P, P, 05 50 53.2 +0.5, PPT, Papeete, 75.70 107 LR, LR, 06 23 48.3, MAW, Mawson, 78.28 202 LR, LR, 05 51 18.6 +1.7, MAW, Borovoye Array, 78.44 327 P, P, 05 51 17.4 -0.6, ABKR, Akbulak array, 83.34 321 eP, P, 05 51 44.1 -0.2, ILAR, Eielson Array, 89.25 25 P, P, 05 52 14.7 -1.1, TORO, Torodi Ar. Bea, 132.16 283 PKP, PKP, 05 58 32.1 0.0, CPUP, Villa Florida, 147.07 161 PKPbc, PKPbc, 05 59 01.8 +0.9, LPAZ, La Paz, 149.68 134 PKPbc, PKPbc, 05 59 09.2 +0.4

CSEM 30 05:52:42.5, 38.06N:26.18W, h10km, ML2.1 PDA 30 05:52:42.5, 1.2, 38.06N:26.18W, h10km, 8km, MD3.5, ML2.1, Error ellipse: s-maj=9.6km s-min=3.9km az=40.0, Azores Islands
Code Station Name Δ° AZZ Phase ID Time Res h m s ISC
PSET Sete Cidades 0.43 122 eP P 05 52 49.8 -1.2
PSET Sete Cidades 0.43 122 eS A 05 52 56.3 -1.2
PDA Ponta Delgada 0.51 127 eP P 05 52 51.0 -1.5
PDA Ponta Delgada 0.51 127 eS A 05 52 57.9 -1.3
PDA Ponta Delgada 0.51 127 eP P 05 52 51.0 -1.5
PDA Ponta Delgada 0.51 127 eS A 05 52 57.9 -1.3
BART BARTolome 0.85 109 eP P 05 52 55.8 -3.2
BART BARTolome 0.85 109 eS P 05 53 05.4 -4.7
ADH Angra Heroismo 1.02 306 eP P 05 53 05.4 -4.7
ADH Angra Heroismo 1.02 306 eS A 05 53 14.8 -4.4

ADH Santa Maria 1.35 141 eS Sg 05 53 10.2 -5.3
PSMA Santa Maria 1.35 141 eS Sb 05 53 17.8 -7.3
PSMA Santa Maria 1.35 141 eS A 05 53 19.4 -7.3
PSMN Pico do Norte, 1.37 140 eS A Sb 05 53 18.3 -7.6
PSMN Pico do Norte, 1.37 140 eS Sb 05 53 18.3 -7.6
PSMN Pico do Norte, 1.37 140 eS Sn 05 53 24.2 -7.5
PMAN Pico do Norte, 1.61 292 eS A 05 53 28.7 -7.5
PMAN Pico do Norte, 1.61 292 eP Sn 05 53 24.2 -7.5
PMAN Pico do Norte, 1.61 292 eP Pn 05 53 27.9 -7.4
PMAN Pico do Norte, 1.61 292 eP S 05 53 27.9 -7.4
PMAN Pico do Norte, 1.61 292 eP Ss 05 53 31.1 -8.0
PMAN Pico do Norte, 1.61 292 eP Ss 05 53 31.1 -8.0

ISCJB 30 05:58:31.4, 0.0, 18.0S:0.2:178.5W:0.1, h579km, mb3.9/10, Error ellipse: s-maj=24.2km s-min=14.1km az=152.3
IDC 30 05:58:34.1±6.9, 17.96S:178.55W, h598km, 86km, mb3.4/10, mb1 3.6/10, mb1mx3.3/36, mb1mp4.4/10, Error ellipse: s-maj=32.6km s-min=25.4km az=128.0
AUST 30 05:58:35.9, 18.05S:178.47W, h600km, mb3.9/10, mb3.9/10, Fiji Islands region

Code Station Name Δ° AZZ Phase ID Time Res h m s ISC
CNB Canberra Magne 33.35 232 Op ISC 06 04 25.1 +1.2
CTA Charters Tower 33.37 261 P P 06 04 23.5 -0.7
PMG Port Moresby 34.40 280 P P 06 04 33.1 +0.3
CMSA Cobar Meteorol 35.07 240 P P 06 04 39.0 +0.7
COEN Coen 37.03 270 P P 06 04 56.0 +1.3
MMPJ Merakui 41.05 278 P P 06 05 26.2 -0.7
HTT Hallett 41.07 239 P P 06 05 26.3 -0.6
BBOO Buckleboe 43.33 241 P P 06 05 44.7 +0.1
WRA Warramunga Arr 44.56 260 P P 06 05 54.0 -0.2
ASAR Alice Springs 47.24 254 P P 06 05 55.5 +0.1
ASAR Alice Springs 47.24 254 P P 06 05 55.5 +0.1
WRKA Warakurna 49.77 252 P P 06 06 33.2 -0.1
SJJI Sorong 52.17 283 P P 06 06 51.1 +0.4
FITZ Fitzroy Crossi 52.95 261 P P 06 06 55.9 -0.4
MEEK Meekatharra 58.36 249 P P 06 07 32.8 -0.7
Vnda Vanda 60.41 185 P P 06 07 45.8 -0.4
NVAR Mina Array Bea 79.50 44 P P 06 09 40.7 +0.5
HHC Heilongjiang 85.93 13 P P 06 10 10.2 -1.4
TXAR Lajitas Array 86.07 58 P P 06 10 14.2 +1.0

NEIC 30 06:09:11.2, 32.34N:115.35W, h18km, ML2.8(PAS), ML2.9(ECX), After ECX.
ECX 30 06:09:11.1±0.5, 32.33N:115.34W, h7km, MD2.9, ML3.1, 1C-6D, California-Baja California border region

Code Station Name Δ° AZZ Phase ID Time Res h m s ISC
CPBX Cerro Prieto 0.09 17 Op P 06 09 13.8 -0.4
DREC Desert Ranch C 0.48 349 P P 06 09 20.0 -0.4
WESC West Mesa 0.50 361 P P 06 09 20.3 -0.5
WESC Westside Schoo 0.52 322 P P 06 09 20.7 -0.9
YUH Yuh Desert 0.59 302 P P 06 09 20.9 -1.5
COK Cook Ranch 0.61 327 P P 06 09 21.7 -1.2
RDX Rancho Dawling 0.66 232 eP Sg 06 09 22.1 -1.6
RDX Rancho Dawling 0.66 232 eP Sg 06 09 22.0 -0.8
RDX Rancho Dawling 0.66 232 eP Sg 06 09 22.6 -1.8
RDX Rancho Dawling 0.66 232 eP Sg 06 09 22.7 -1.8
RMX La Rumorosa 0.68 293 eP Sg 06 09 31.6 -2.0
ECBX El Chinoero 0.89 164 eP Sg 06 09 26.4 -1.9
ECBX Cerro Bola 1.12 269 eP Sg 06 09 38.3 -1.5
CBX Cerro Bola 1.12 269 eP Sg 06 09 30.8 -2.1
CBX Cerro Bola 1.12 269 eP Sg 06 09 45.5 -2.1
ZAX El Zacaton 1.14 225 eP Sg 06 09 31.1 -2.1
ZAX El Zacaton 1.14 225 eP Sg 06 09 46.4 -1.7
BAR Barrett 1.18 287 eP Sg 06 09 31.6 -2.3
BAR Barrett 1.18 287 eP Sg 06 09 31.6 -2.3
ECNX Esteban Cantu 1.27 238 eP Sg 06 09 33.3 -2.1
ECNX Esteban Cantu 1.27 238 eP Sg 06 09 33.2 -1.9
SPIG San Pedro Mart 1.29 185 eP Sg 06 09 33.2 -2.8
SPIG San Pedro Mart 1.29 185 eP Sg 06 09 33.9 -2.4
SPX San Pedro Mart 1.29 185 eP Sg 06 09 33.2 -2.9
PFO Pinyon Flat Ob 1.58 324 eP Sn 06 09 51.4 -1.8
PFO Pinyon Flat Ob 1.58 324 eP Sn 06 09 56.4 -3.6
LDFC Landfair 2.74 4 eP Sn 06 09 55.4 -0.3
MWC Mount Wilson 2.96 310 eP Sn 06 10 02.3 -2.1
TUC Tucson 3.85 89 eP Sg 06 10 07.3 -3.8
SHPR Sheep Range 4.16 2 eP Sn 06 11 12.8 -2.4
SHPR Sheep Range 4.16 2 eP Sn 06 11 15.3 0.0
SHPR Sheep Range 4.16 2 eP Sn 06 11 27.2 +1.9

TRN 30 06:20:43.4, 16.32N:61.18W, h28km, MD3.5, ML2.5(FDF), 2C-1D, Leeward Islands

Code Station Name Δ° AZZ Phase ID Time Res h m s ISC
DEG La Desirade 0.11 91 P P 06 20 48.7 +1.0
SEG Port Louis 0.33 285 P P 06 20 52.5 +1.0
MGG Marie-Galante 0.42 199 eP P 06 20 54.5 +1.0
MGG Marie-Galante 0.42 199 eP P 06 21 01.2 +0.8
DOG Dongo Capester 0.51 237 eP P 06 20 56.0 +1.1
CRG Carmichael 0.53 241 eP P 06 20 56.4 +1.0
SSG Sans Toucher 0.53 245 eP P 06 20 56.2 +1.1
PHG Guadaloupe-2 0.54 236 eP P 06 20 56.6 +1.1
MLG Mont-d'or 0.57 244 P P 06 20 56.9 +1.0
HMG Houelmont 0.60 237 eP Sg 06 20 57.5 +1.3
TBG Guadaloupe-3 0.65 225 eP P 06 20 58.4 +1.7
BBL Barber's Block 0.83 200 eP P 06 21 01.2 +1.8
BBL Barber's Block 0.83 200 eP P 06 21 12.9 +2.2
BPA Boggy Peak 0.98 318 eS Sg 06 21 03.9 +1.6
MLYT Lee's Yard 1.05 293 eP Sg 06 21 04.3 +1.2
ANWB Willy Bob 1.47 337 eP Sg 06 21 09.8 -0.2
SKI Saint Kitts 1.81 304 eP Sg 06 21 14.9 -1.0
SKI Saint Kitts 1.81 304 eP Sg 06 21 37.5 -0.7

IDC 30 06:21:54.9±6.2, 20.88S:176.96W, h0km, mb3.5/2, mb1 3.8/2, mb1mx3.4/38, mb1mp3.5/2, Error ellipse: s-maj=355.5km s-min=42.8km az=152.0, Fiji Islands region

ASAR Alice Springs 45.38 257 P, P, 06 30 15.2 -0.3
WRA Warramunga Arr 45.51 262 P, P, 06 30 16.7 +0.2
AKAS Malin Array Be 143.81 332 PKP, PKPbc, 06 41 29.1 +0.3
BRTR Keskin Array B 147.81 313 PKPbc, PKPbc, 06 41 40.8 -1.4
GERES GERESE Array B 150.82 345 PKPbc, PKPbc, 06 41 50.1 +0.7

ISCJB 30 06:23:0.0, 0.0, 6.34:20N:0.0:04:25.12E:0.10, h20km, Error ellipse: s-maj=11.7km s-min=6.8km az=169.1
ATH 30 06:23:21.9, 34.30N:25.00E, h27km, 1km, MD3.2/5
HLW 30 06:23:24.1, 34.12N:25.40E, h18km, 1km, MD2.4, MI2.3
ISC 30 06:23:21.8±1.2, 34.25N:0.0:07:25.12E:0.09, h20km, n12, e056:16, Crete

Code Station Name Δ° AZZ Phase ID Time Res h m s ISC
SIVA Sivas 0.81 342 ePn P 06 23 36.8 -0.4
SIVA Sivas 0.81 342 ePn P 06 23 47.1 -0.6
LAST Lasithia 0.96 18 ePn P 06 23 40.0 +0.2
IDI Idionisi 1.05 350 ePn P 06 23 53.6 +0.3
IDI Idionisi 1.05 350 ePn P 06 23 40.9 -0.5
NPS Neapolis 1.09 22 ePn P 06 23 54.8 0.0
NPS Neapolis 1.09 22 ePn P 06 23 42.4 +0.4
VAM Vamos 1.38 327 ePn P 06 23 57.2 +0.9
KYTH Kithira 2.65 321 ePn P 06 24 03.3 0.1
SLUM baz=184 AMP 06 24 05.1 +0.4
SLUM comp=E, 10µm, 0.2s, logA/T=4.7, baz=184 06 24 00.0
HMAT Matruh 3.56 151 P P 06 24 14.8 -1.1
SWAZ 5.00 177 P P 06 24 36.3 +0.7
GLL baz=179 7.28 128 P P 06 25 06.8 -0.3
HFRF Wahat Farafira 7.59 158 P P 06 25 11.5 +0.3
HNKL Nakhli 8.66 117 P P 06 25 25.6 -0.5

MOS 30 06:23:46.1±1.4, 56.02N:112.39E, h17km, mb4.2/1, Error ellipse: s-maj=20.2km s-min=18.5km az=64.2
BYKL 30 06:23:47.0±0.3, 56.00N:112.39E, h21km, 4km
ISC 30 06:23:47.0±1.1, 56.04N:0.0:03:112.38E:0.02, h12km, 9km, n32, e1947:51, 7C-4D, Lake Baykal region

Code Station Name Δ° AZZ Phase ID Time Res h m s ISC
YOA Ouyan 0.38 285 eP P 06 23 54.1 -0.4
YOA Ouyan 0.38 285 eP P 06 24 00.3 +0.7
YOA Ouyan 0.38 285 eP P 06 24 02.7 +1.1
YOA 397nm, 0.2s max 06 24 00.2
YOA 6µm, 0.5s max 06 23 53.9 -0.6
YOA Ouyan 0.38 285 eP P 06 24 00.2
YOA comp=Z, 283nm, 0.2s pmax 06 24 00.2
YOA comp=E, 6µm, 0.3s smax 06 23 59.5 -1.1
SVKR Severomysk 0.67 83 eP P 06 24 09.6 -0.2
SVKR Severomysk 0.67 83 eP P 06 24 09.6 -0.2
SVKR comp=E, 242nm, 0.3s Smax 06 24 09.6 -0.2
SVKR Severomysk 0.67 83 eP P 06 23 59.8 -0.8
SVKR Severomysk 0.67 83 eP P 06 24 08.7 -0.8
SVKR comp=Z, 231nm, 0.2s pmax 06 24 08.7
SVKR comp=N, 1µm, 0.6s smax 06 24 08.7

KMO Kumora 0.68 258 eP P 06 23 58.9 -1.9
KMO Kumora 0.68 258 eP P 06 24 03.1 +0.6
KMO Kumora 0.68 258 eP P 06 24 08.1 -2.1
KMO Kumora 0.68 258 eP P 06 24 13.0 0.0
KMO comp=N, 92nm, 0.4s max 06 24 13.0 0.0
KMO comp=N, 503nm, 0.7s max 06 24 13.0 0.0
KMO Kumora 0.68 258 eP P 06 23 58.9 -1.9
KMO Kumora 0.68 258 eP P 06 24 07.9 -1.9
KMO comp=Z, 30nm, 0.2s smax 06 24 07.9
KMO comp=E, 508nm, 0.7s smax 06 24 07.9

UKT Ukait 0.89 127 P P 06 24 03.1 -1.4
UKT Ukait 0.89 127 P P 06 24 03.1 -1.4
UKT comp=E, 270nm, 0.4s P P 06 24 03.1 -1.4
UKT comp=E, 224nm, 0.4s P P 06 24 03.1 -1.4
UKT Ukait 0.89 127 P P 06 24 05.9 +1.7
UKT Ukait 0.89 127 P P 06 24 14.9 -1.5
UKT comp=E, 157nm, 0.2s Smax 06 24 14.9 -1.5
UKT comp=E, 430nm, 0.4s Smax 06 24 14.9 -1.5
UKT Ukait 0.89 127 P P 06 24 03.0 -1.4
UKT Ukait 0.89 127 P P 06 24 13.3 -1.4
UKT comp=Z, 104nm, 0.2s pmax 06 24 13.3 -1.4
UKT comp=N, 38nm, 0.1s smax 06 24 13.3 -1.4

YLYR Ulyunskan 1.35 211 P P 06 24 10.8 -0.9
YLYR Ulyunskan 1.35 211 P P 06 24 10.8 -0.9
YLYR comp=N, 50nm, 0.7s P P 06 24 10.8 -0.9
YLYR Ulyunskan 1.35 211 eP P 06 24 12.4 +0.1
YLYR Ulyunskan 1.35 211 eP P 06 24 16.5 +0.1
YLYR Ulyunskan 1.35 211 eP P 06 24 29.4 -0.3
YLYR Ulyunskan 1.35 211 eP P 06 24 31.9 +1.4
YLYR comp=N, 67nm, 0.5s P P 06 24 11.0 -0.7
YLYR Ulyunskan 1.35 211 eP P 06 24 11.0 -0.7
YLYR Ulyunskan 1.35 211 eP P 06 24 28.7 -0.7
YLYR comp=Z, 67nm, 0.3s smax 06 24 28.7 -0.7
YLYR comp=E, 357nm, 0.3s smax 06 24 28.7 -0.7

NIZ Nizh Angarsk 1.62 262 P P 06 24 16.2 +0.8
NIZ Nizh Angarsk 1.62 262 P P 06 24 38.2 +0.1
NIZ comp=E, 40nm, 0.4s Smax 06 24 38.2 +0.1
NIZ comp=E, 178nm, 0.5s Smax 06 24 38.2 +0.1
NIZ Nizh Angarsk 1.62 262 ePn P 06 24 16.2 +0.8
NIZ Nizh Angarsk 1.62 262 ePn P 06 24 16.9 +0.8
NIZ Nizh Angarsk 1.62 262 ePn P 06 24 37.9 +0.8
NIZ comp=Z, 31nm, 0.3s smax 06 24 37.9 +0.8
NIZ NIZh Angarsk 1.62 262 ePn P 06 24 16.2 +0.8
NIZ NIZh Angarsk 1.62 262 ePn P 06 24 16.9 +0.8
NIZ NIZh Angarsk 1.62 262 ePn P 06 24 37.9 +0.8

BOD Bodaibo 2.00 26 ePn P 06 24 21.2 +0.7
BOD Bodaibo 2.00 26 ePn P 06 24 22.4 +0.8
BOD Bodaibo 2.00 26 ePn P 06 24 47.0 +0.7
BOD Bodaibo 2.00 26 ePn P 06 24 48.7 +0.7
BOD comp=N, 36nm, 0.2s Smax 06 24 48.7 +0.7
BOD Bodaibo 2.00 26 ePn P 06 24 21.6 +1.1
BOD Bodaibo 2.00 26 ePn P 06 24 47.8 +0.7
BOD comp=Z, 38nm, 0.2s smax 06 24 47.8 +0.7
BOD comp=N, 347nm, 0.2s smax 06 24 47.8 +0.7
SYVR Suvo 2.75 211 ePn P 06 24 30.6 -0.3
SYVR Suvo 2.75 211 ePn P 06 24 33.7 -0.3
SYVR Suvo 2.75 211 ePn P 06 24 35.0 -1.1
SYVR Suvo 2.75 211 ePn P 06 25 10.7 +0.9
SYVR comp=N, 14nm, 0.3s Smax 06 25 10.7 +0.9

Moment Tensor Solution. s110.c221; s125.c331; Duration: 189 Moment tensor: Scale 10^17Nm; Mm=0.86±.06; Mw=2.87±.05; Ms=2.01±.06; Mw=1.40±.10; Mw=5.23±.05; Mw=0.57±.11; Best double couple: Ms=9.86000x10^17 NP1=78.00000°,δ85.00000°,λ-165.00000°. NP2=347.00000°,δ75.00000°,λ-5.00000°. Principal axes: T 6.3090, P1g7.0000°, Azm212.0000°; N -0.6440, P1g74.0000°, Azm97.0000°; P -5.6640, P1g15.0000°, Azm304.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s.

KLM 30 09:00:25.7, 19.83N, 121.41E, h25km, mb5.8, MS6.3 MOS 30 09:00:25.6±1.0, 19.76N, 121.51E, h33km, mb6.1/5.4, MS5.4/72, Error ellipse: s-maj=6.1km s-min=3.7km az=109.5

ISC 30 09:00:25.0±0.3, 19.71N, 121.47E, h19km, mb5.1km, h18km, pP, n1249, s151/1293, mb5.9/209, MS5.4/262, 53C-101D, Philippine Islands region

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

Table with columns: KSKWJ, SNR, 16.14, 16, P, P, 09 04 13.0 -1.0. Lists seismic events with station names and magnitudes.

Table with columns: CD2, Chengdu, 19.48, 308, P, P, 09 04 51.3 +0.3. Lists seismic events with station names and magnitudes.

MKAR	comp=Z,6.6nm,0.9s,baz=94,slow=5.8,SNR=4.9	LR	LR	09 27 15.9			
MAKZ	comp=Z,4um,18.3s,baz=110,slow=36	LR	LR	09 08 16.2 +1.1			
MAKZ	Makanchi 42.01 319	eP	P				
KRAR	comp=Z,8um,19.0s	LR	P	09 08 16.6 +0.9			
KRAR	Krasnoyarsk 42.10 336d	iP	P				
DLH	comp=Z,769nm,1.3s	eP	P	09 08 20.0 +0.3			
H11S3	Dalhousie 42.65 297	eP	T	09 53 53.2			
H11N1	WAKE ISLAND Hy 42.66 82	T	T	09 53 53.6			
H11S1	WAKE ISLAND Hy 42.66 84	T	T	09 53 53.3			
H11N2	WAKE ISLAND Hy 42.66 82	T	T	09 53 54.0			
H11S2	WAKE ISLAND Hy 42.67 84	T	T	09 53 59.0			
YAK	comp=Z,3um,18.1s,baz=200,slow=39	eP	LR	09 28 09.2			
YAK	Yakutsk 42.67 6	eP	LR				
YAK	comp=Z,3um,18.1s,baz=200,slow=39	eP	LR	09 08 17.8 -2.4			
YAK	Yakutsk 42.67 6	eP	LR	09 08 28.4 +2.4			
YAK		e	e	09 09 55.3			
YAK		eS	eS	09 10 10.7			
YAK		eSS	eSS	09 14 35.6 -6.7			
YAK		e	e	09 14 48.4 -3.6			
YAK		e	e	09 18 16.0			
YAK	comp=E,30nm,1.2s	pmx	pmx				
YAK	comp=N,107nm,1.2s	pmx	pmx				
YAK	comp=Z,229nm,0.8s	pmx	pmx				
YAK	comp=N,432nm,4.7s	pmx	pmx				
YAK	comp=E,445nm,4.2s	pmx	pmx				
YAK	comp=Z,432nm,3.9s	pmx	pmx				
YAK	comp=N,364nm,2.1s	smx	smx				
YAK	comp=E,453nm,3.0s	MLR	MLR				
YAK	comp=E,2um,12.0s	MLR	MLR				
YAK	comp=Z,4um,13.0s	MLR	MLR				
YAK	comp=N,4um,15.0s	MLR	MLR				
YAK	Yakutsk 42.67 6	eP	P	09 08 19.0 -1.2			
H11N3	WAKE ISLAND Hy 42.67 82	T	T	09 53 54.9			
PETK	Petropavlovsk-43.47 31	P	P	09 08 26.9 0.0			
PETK	comp=N,189nm,0.8s,baz=197,slow=6.6,SNR=124	PcP	PcP	09 10 42.2 -0.6			
PETK	comp=N,3.9nm,0.5s,baz=206,slow=6.3,SNR=4.0	LR	LR	09 27 14.2			
PETK	comp=N,2um,20.0s,baz=238,slow=38	LR	LR				
KSH	Kashi 43.67 307	eP	P	09 08 32.5 +3.6			
KSH		eS	eS	09 08 39.0 +1.9			
KSH		ePcP	ePcP	09 10 21.3 +5.4			
KSH		eScP	eScP	09 14 07.0 +0.3			
KSH		S	S	09 15 02.3 +4.3			
KSH		PMZ	PMZ	09 19 28.5 +0.7			
KSH	comp=N,310nm,1.7s	PMZ	PMZ				
KSH	comp=N,860nm,2.9s	LN	LN				
KSH	comp=N,5um,14.4s	LE	LE				
KSH	comp=N,5um,14.1s	LZ	LZ				
PET	comp=N,7um,13.2s	P	P	09 08 30.6 +0.3			
PET	Petropavlovsk 43.89 32	iP	P	09 14 59.4 -1.2			
PET		iS	iS	09 18 17.1 0.0			
PET		eSS	eSS				
PET	comp=Z,349nm,1.3s	pmx	pmx				
PET	comp=Z,300nm,14.3s	pmx	pmx				
PET	comp=Z,3um,20.0s	MLR	MLR				
PET	comp=Z,3um,20.0s	MLR	MLR				
PET	Petropavlovsk 43.89 32	eP	P	09 08 29.9 -0.4			
ULHL	Ulahol 44.17 311	P	P	09 08 34.5 +1.6			
ZAAO	Zalesovo Array 44.17 330	eP	P	09 08 32.8 +0.2			
ZALV	Zalesovo Beam 44.17 330	eP	P	09 08 32.6 +0.1			
ZALV	comp=Z,152nm,0.8s,baz=117,slow=7.3,SNR=364	ScP	ScP	09 14 06.9 -1.4			
ZALV	comp=Z,6.6nm,0.8s,baz=114,slow=2.5,SNR=4.8	LR	LR	09 30 23.4			
ASAR	comp=Z,2um,18.1s,baz=118,slow=4.1	LR	LR				
ASAR	Alice Springs 44.79 164	P	P	09 08 36.7 -1.1			
ASAR	comp=Z,200nm,0.5s,baz=342,slow=7.1,SNR=340	PcP	PcP	09 10 20.5 +0.8			
ASAR	comp=Z,35nm,0.9s,baz=348,slow=3.4,SNR=67	ScP	ScP	09 14 10.8 -0.5			
ASAR	comp=Z,15nm,0.8s,baz=347,slow=4.1,SNR=18	S	S	09 15 11.0 -3.3			
ASAR	comp=Z,12nm,0.9s,baz=349,slow=20,SNR=12	LR	LR	09 28 24.6			
ASAR	comp=Z,1um,20.2s,baz=340,slow=38	LR	LR				
ASAR	comp=Z,1.1nm,1.0s,baz=131,slow=2.6,SNR=4.6	P	P	09 04 11.4 -0.7			
AS01	Alice Springs 44.80 164	P	P	09 08 36.3 -1.6			
TKM2	Tokmak 2 44.82 312	eP	P	09 08 39.5 +1.4			
TKM2	comp=Z,4um,20.0s	LR	LR				
TKM2	Tokmak 2 44.82 312	P	P	09 08 39.6 +1.4			
KZA	Kyzart 44.84 310	P	P	09 08 40.5 +2.0			
POO	Poona 44.89 277	iP	P	09 08 38.0 -0.8			
KBK	Karagaybulak 45.20 311	P	P	09 08 43.0 +1.9			
UCH	Uchtor 45.40 310	P	P	09 08 45.1 +2.0			
CHMS	Chumysh 45.44 311	P	P	09 08 44.2 +1.4			
NVS	Novosibirsk 45.45 330	iP	P	09 08 42.7 +0.1			
NVS		iS	iS	09 10 29.4			
NVS		i	i	09 15 22.4 -0.7			
NVS	comp=N,194nm,1.6s	pmx	pmx				
NVS	comp=E,237nm,1.6s	pmx	pmx				
NVS	comp=Z,118nm,1.6s	pmx	pmx				
NVS	comp=N,114nm,2.0s	pmx	pmx				
NVS	comp=E,79nm,1.5s	smx	smx				
NVS	comp=N,128nm,2.8s	smx	smx				
FRU	comp=E,154nm,2.3s	pmx	pmx				
FRU	Bishkek 45.49 311	iP	P	09 08 44.0 +0.8			
FRU	comp=Z,230nm,1.8s	MLR	MLR				
FRU	comp=E,3um,14.5s	MLR	MLR				
AAK	comp=Z,3um,14.5s	MLR	MLR				
AAK	Ala-Archa 45.52 311	LR	LR	09 30 26.2			
AAK	comp=Z,5um,18.4s,baz=86,slow=40	LR	LR	09 08 45.2 +1.6			
AAK	Ala-Archa 45.52 311	P	P	09 08 45.0 +1.3			
AAK	comp=Z,444nm,1.0s,SNR=26	P	P				
AAK	Ala-Archa 45.52 311	eP	P	09 08 45.1 +1.6			
AAK	Ala-Archa 45.52 311	P	P	09 08 45.3 +1.6			
USP	Ospenovka 45.69 312	P	P	09 08 46.0 +1.2			
KURK	Kurchatov 45.74 323	eP	P	09 08 45.8 +0.8			
KURK	comp=Z,5um,19.0s	MLR	MLR				
KURK	Kurchatov 45.74 323	P	P	09 08 46.0 +1.0			
KURK	SNR=118	P	P	09 08 45.8 +0.8			

KURK	Kurchatov 45.74 323	eP	P	09 08 45.8 +0.8			
KURK	comp=Z,1um,1.1s	LR	LR				
AML	comp=Z,5um,19.0s	P	P	09 08 49.4 +1.9			
EKS2	Erkin-Say 46.04 311	eP	MLR	09 08 49.2 +1.5			
EKS2	Erkin-Say 46.04 311	eP	MLR				
EKS2	comp=Z,5um,18.0s	eP	LR	09 08 49.2 +1.5			
EKS2	Erkin-Say 46.04 311	P	P	09 08 49.3 +1.5			
CTA	Charters Tower 46.41 147	LR	LR	09 26 14.5			
CTAO	Charters Tower 46.41 147	eP	MLR	09 08 50.0 -0.7			
CTAO	comp=Z,3um,20.0s	MLR	MLR				
CTAO	Charters Tower 46.41 147	eP	LR	09 08 50.0 -0.7			
CTAO	comp=Z,3um,20.0s	MLR	MLR				
MNAS	Manas 46.91 310	P	P	09 08 56.2 +1.6			
MNAS	comp=Z,244nm,1.2s	pmx	pmx				
HNR	Honiara 47.69 124	PFAKE	LR	09 10 10.0 +9.2			
HNR	comp=Z,3um,18.0s	LR	LR				
SEY	Seymchan 48.09 18	iP	P	09 09 03.2 0.0			
SEY	comp=Z,36nm,0.7s,baz=227,slow=6.8,SNR=7.2	PcP	PcP	09 10 31.1 +0.4			
SEY	comp=Z,17nm,0.8s,baz=210,slow=16,SNR=3.8	P	P	09 09 03.7 +0.5			
SEY	Kabul 48.44 299	eP	P	09 09 07.6 +1.0			
SEY	comp=Z,5um,22.0s	MLR	MLR				
KBL	Kabul 48.44 299	eP	LR	09 09 07.6 +1.0			
KBL	comp=Z,5um,22.0s	LR	LR				
KKAR	Karatay Array 48.48 311	eP	P	09 09 07.4 +0.8			
KKAR	Karatay Array 48.48 311	eP	P	09 09 07.4 +0.8			
OTUK	Ortayu 48.59 318	P	P	09 09 08.6 +1.2			
OTUK	comp=Z,251nm,0.9s	pmx	pmx				
DZET	Dzherino 49.01 305	P	P	09 09 11.5 +0.6			
DZET	comp=Z,231nm,0.9s	pmx	pmx				
FORT	Forrest 50.60 173	eP	P	09 09 21.7 -1.0			
FORT	comp=Z,2um,19.0s	LR	LR				
VOSK	Vostochnaya 50.90 323	P	P	09 09 24.7 -0.1			
VOSK	comp=Z,105nm,1.0s	pmx	pmx				
BVAO	Borovoye Array 51.34 323	iP	P	09 09 28.7 +0.6			
BVAO	comp=Z,171nm,1.6s	pmx	pmx				
BRVK	Borovoye 51.41 323	eP	MLR	09 09 29.3 +0.7			
BRVK	comp=Z,2um,19.0s	MLR	MLR				
BRVK	Borovoye 51.41 323	P	P	09 09 29.7 +1.1			
BRVK	comp=Z,1um,1.0s,SNR=64	P	P	09 09 29.7 +1.1			
BRVK	Borovoye 51.41 323	eP	P	09 09 29.3 +0.7			
BRVK	comp=Z,2um,19.0s	LR	LR				
CHKZ	Chkalovo 51.44 324	P	P	09 09 29.0 +0.2			
CHKZ	comp=Z,171nm,1.0s	pmx	pmx				
ZRNK	Zerenda 52.10 323	P	P	09 09 34.3 +0.5			
ZRNK	comp=Z,196nm,1.1s	pmx	pmx				
NWAO	Narrogin (SRO) 52.50 184	eP	P	09 09 36.7 -0.2			
NWAO	Narrogin (SRO) 52.50 184	P	P	09 09 36.8 -0.1			
NWAO	SNR=13	P	P				
NWAO	Narrogin (SRO) 52.50 184	eP	P	09 09 36.7 -0.2			
EIDS	Eidsvold 53.27 146	eP	LR	09 09 42.0 -0.7			
BBOO	Buckleboo 54.06 165	eP	P	09 09 47.3 -1.1			
BBOO	comp=Z,2um,19.0s	LR	LR				
AMKA	Amchitka 54.85 40	eP	P	09 09 54.3 +0.2			
IMYA	Imya 55.78 301	eP	P	09 10 03.0 +1.8			
BILL	Bilibino 55.80 19d	iP	P	09 10 00.1 -0.5			
BILL	comp=Z,74nm,0.6s	pmx	pmx	09 12 09.4			
BILL	comp=Z,3um,18.0s	MLR	MLR				
IDAH	Dahanechah 56.08 297	eP	P	09 10 04.3 +0.8			
IMOG	Moghan 56.40 301	eP	P	09 10 07.2 +1.4			
AB31	Akbulak array 56.80 317	P	P	09 10 08.4 +0.4			
AB31	comp=Z,129nm,1.1s	pmx	pmx				
ABKAR	Akbulak array 56.80 317	eP	P	09 10 08.6 +0.6			
IKOO	Koshal 56.82 296	eP	P	09 10 10.2 +1.4			
IJAKL	Alkhalakali 56.87 301	eP	P	09 10 10.8 +1.7			
IEMAG	Emangholi 56.94 302	eP	P	09 10 11.6 +2.0			
ITEG	Tejag 57.01 297	eP	P	09 10 11.6 +1.5			
ABKT	Alibek 57.36 303	P	P	09 10 14.5 +2.2			
GEYT	Alibek 57.36 303	P	P	09 10 13.5 +1.2			
GEYT	comp=Z,133nm,0.9s,baz=64,slow=3.4,SNR=76	LR	LR	09 38 41.3			
GEYT	comp=Z,3um,18.3s,baz=50,slow=40	LR	LR				
ISFR	Armidale 57.47 302	eP	P	09 10 15.3 +1.9			
ARMA	Armidale 57.67 149	eP	P	09 10 15.1 +0.6			
ISHV	Shirvan 57.69 302	eP	P	09 10 17.0 +2.1			
SVE	Sverdlovsk 57.83 325	iP	S	09 10 15.9 +0.8			
SVE	comp=Z,437nm,0.9s	pmx	pmx	09 18 13.6 0.0			
SVE	comp=Z,437nm,0.9s	MLR	MLR				
WBK	Wadi Bani Khal 57.98 285	P	P	09 10 17.7 +0.8			
AKTO	Aktyubinsk 58.2						

Table with columns for station name, frequency, mode, and signal strength. Includes stations like QJC, NC602, NB2, NOA, CRAG, WRAP, PSZ, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like AGG, THL, FNA, RUE, KMB, KMB, KMB, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like PYL, VLS, BRV, IGT, SCD, SCD, BSEG, etc.

FITZ	comp=Z,24nm,1.1s	38.19 128	P	P	10 01 23.7	-1.1
FITZ	comp=Z,27nm,0.8s,baz=312,slow=6.7,SNR=47		ScP			
FITZ	comp=Z,11nm,1.0s,baz=331,slow=4.0,SNR=5.8		LR		10 18 44.3	
FITZ	comp=Z,407nm,20.1s,baz=306,slow=39					
FITZ	Fitzroy Crossi	38.19 128	eP	P	10 01 23.5	-1.4
FITZ	comp=Z,30nm,0.9s					
FITZ	Kashi	38.27 336	eS	S	10 07 21.5	+6.5
KSH			P	P	10 01 23.8	-1.6
KSH			S	S	10 01 41.3	-3.6
KSH			P	P	10 07 10.8	-5.2
KSH			P	P	10 07 28.3	+0.3
KSH			P	P	10 09 48.5	-1.6
KSH	comp=Z,74nm,0.6s					
KSH	comp=Z,380nm,8.8s					
KSH	comp=Z,330nm,8.2s					
KSH	comp=Z,470nm,17.9s					
Fak Fak		38.29 101	eP	P	10 01 24.5	-1.3
JOW	Kunigami	38.60 52	P	P	10 01 29.3	+1.0
HHC	comp=Z,3.6nm,0.7s,baz=356,slow=15,SNR=9.1					
HHC	Hu-ho-hao-te	38.68 21	eP	P	10 01 29.5	+0.4
HHC			S	S	10 07 15.8	-6.4
HHC			S	S	10 07 46.3	+1.4
HHC	comp=Z,84nm,0.8s					
HHC	comp=Z,440nm,7.2s					
HHC	comp=Z,1µm,16.7s					
HHC	comp=Z,2µm,14.7s					
HHC	comp=Z,1µm,15.1s					
WBK	Wadi Bani Khal	38.72 300	P	P	10 01 32.6	+3.3
WMQ	Urumqi	39.09 352	i/P	P	10 01 33.0	+0.8
WMQ			pP	pP	10 01 47.0	+1.3
WMQ			sP	sP	10 01 51.0	-0.7
WMQ			PcP	PcP	10 03 42.5	+1.3
WMQ			eS	eS	10 07 32.5	+4.3
WMQ	comp=Z,95nm,0.7s					
WMQ	comp=Z,300nm,4.4s					
WMQ	comp=Z,790nm,21.6s					
WMQ	comp=Z,1µm,15.9s					
WMQ	comp=Z,1µm,24.6s					
SMDO	Samad	39.67 300	P	P	10 01 40.3	+2.9
SFK	Sufi-Kurgan	39.71 334	P	P	10 01 38.3	+0.6
SFK			Pmax			
BJI	Beijing	39.81 26	P	P	10 01 39.5	+1.4
BJI			pP	pP	10 01 52.5	+0.9
BJI			sP	sP	10 01 58.0	+0.4
BJI			PcP	PcP	10 03 43.8	+0.3
BJI			S	S	10 07 40.5	+1.7
BJI	comp=Z,290nm,1.0s					
BJI	comp=Z,710nm,3.8s					
BJI	comp=Z,1µm,19.6s					
BJI	comp=Z,630nm,17.5s					
MTN	Mannton Dam	40.29 117	eP	P	10 01 40.6	-1.9
PDGK	Podgornoye	40.42 343	P	P	10 01 44.3	+1.2
PDGK			Pmax			
ULHL	Ulahol	40.52 339	P	P	10 01 45.0	+0.7
KZA	Kyzart	40.74 338	P	P	10 01 47.3	+1.0
KSJUU	Jeju	40.87 42	P	P	10 01 48.0	+0.9
KSJUU	Jeju	40.87 42	P	P	10 01 48.0	+0.9
DZET	Dzherino	40.89 329	P	P	10 01 47.1	-1.0
DZET			Pmax			
UCH	Uchter	41.15 337	P	P	10 01 50.7	+0.9
TKM2	TKmak 2	41.34 339	P	P	10 01 51.7	+0.7
TKM2			Pmax			
TKM2	comp=Z,50nm,0.7s					
TKM2	comp=Z,49nm,0.7s					
TKM2	comp=Z,49nm,0.7s					
KSJDO	Jindo	41.34 41	P	P	10 01 51.7	+0.7
KSJDO	Jindo	41.34 41	P	P	10 01 51.7	+0.7
KBK	Karagaybulak	41.35 338	P	P	10 01 52.7	+1.6
AML	Almayashu	41.40 336	P	P	10 01 52.8	+1.1
AAK	Ala-Archa	41.51 337	eP	P	10 01 53.6	+1.2
AAK			Pmax			
AAK	comp=Z,73nm,0.8s					
AAK	Ala-Archa	41.51 337	P	P	10 01 53.0	+0.7
AAK	comp=Z,564nm,0.9s,SNR=34					
AAK	Ala-Archa	41.51 337	P	P	10 01 53.8	+1.4
AAK	Ala-Archa	41.51 337	eP	P	10 01 53.5	+1.2
AAK	Ala-Archa	41.51 337	P	P	10 01 53.6	+1.2
KSAN	Wando	41.55 41	P	P	10 01 53.0	+0.4
KSAN	Wando	41.55 41	P	P	10 01 53.0	+0.4
DL2	Dalian	41.56 32	P	P	10 01 53.5	+0.9
DL2			PMZ			
DL2	comp=Z,300nm,0.8s					
DL2	comp=Z,350nm,9.4s					
DL2	comp=Z,360nm,16.9s					
DL2	comp=Z,350nm,13.5s					
FRU	Bishkek	41.63 338	i/P	P	10 01 53.0	-0.2
FRU			P		10 02 08.0	
FRU			Pmax			
CHMS	Chumysh	41.72 338	P	P	10 01 54.7	+0.8
EKS2	Erkin-Say	41.81 337	eP	P	10 01 56.0	+1.3
EKS2			Pmax			
EKS2	comp=Z,79nm,0.8s					
EKS2	Erkin-Say	41.81 337	eP	P	10 01 56.0	+1.3
EKS2	Erkin-Say	41.81 337	P	P	10 01 56.1	+1.3
HATD	Hatta, Dubai	41.94 302	i/P	P	10 01 57.9	+1.9
ASHO	Ashiyah	41.95 302	i/P	P	10 01 58.1	+2.0
USP	Ospenovka	42.05 338	P	P	10 01 57.4	+0.8
SKOH	Goheung	42.06 41	P	P	10 01 57.0	+0.3
SKOH	Goheung	42.06 41	P	P	10 01 57.0	+0.3
MNAS	Manas	42.18 335	P	P	10 01 58.7	+0.9
MNAS			Pmax			
MNAS	comp=Z,113nm,1.2s					
KSJWJ	Gwangju	42.20 41	P	P	10 01 58.4	+0.5
KSJWJ	Gwangju	42.20 41	P	P	10 01 58.3	+0.3
ABTO	Aybut	42.35 290	P	P	10 02 11.1	+1.2

FAQ	Al Faqa, Dubai	42.37 302	i/P	P	10 02 01.2	+1.7
KSJEU	Jeongeup	42.37 40	P	P	10 01 59.7	+0.4
KSJEU	Jeongeup	42.37 40	P	P	10 01 59.5	+0.2
NAZ	Nazwa, Dubai	42.40 302	i/P	P	10 02 01.4	+1.7
ASUD	Al Asthush, Dub	42.55 301	i/P	P	10 02 03.3	+2.4
KSNAH	Namhae	42.61 42	P	P	10 02 01.9	+0.7
KSNAH	Namhae	42.61 42	P	P	10 02 01.9	+0.7
KSGUS	GUNSAN	42.61 39	P	P	10 02 01.8	+0.5
KSGUS	GUNSAN	42.61 39	P	P	10 02 01.8	+0.5
KSBAR	Backryungdo	42.62 36	P	P	10 02 01.2	-0.1
KSBAR	Backryungdo	42.62 36	P	P	10 02 00.9	-0.3
KSJEO	Jeonju	42.88 40	P	P	10 02 03.7	+0.3
KSSES	Seosan	42.88 38	P	P	10 02 03.4	0.0
KSSES	Seosan	42.88 38	P	P	10 02 03.4	0.0
KSJIN	Jinju	42.88 41	P	P	10 02 04.1	+0.6
MK01	Makanchi Array	42.91 347	eP	P	10 02 02.6	-1.0
MK31	Makanchi Array	42.94 347	i/P	P	10 02 03.8	0.0
MK31			Pmax			
MKAR	comp=Z,163nm,0.7s					
MKAR	Makanchi Array	42.94 347	eP	P	10 02 04.0	+0.2
MKAR	comp=Z,169nm,0.7s,baz=166,slow=8.2,SNR=781					
MKAR	comp=Z,112nm,18.2s,baz=166,slow=44					
MKAR	Makanchi Array	42.94 347	eP	P	10 02 04.0	+0.2
KSTOY	TONGYEOUNG	42.97 42	P	P	10 02 05.0	+0.9
KSTOY	TONGYEOUNG	42.97 42	P	P	10 02 05.0	+0.9
MAKZ	Makanchi Array	43.02 347	eP	P	10 02 04.6	+0.2
KSKOJ	Gongju	43.11 39	P	P	10 02 05.5	+0.3
KSTEJ	Daejeon	43.19 39	P	P	10 02 06.2	+0.3
KSTEJ	Daejeon	43.19 39	P	P	10 02 06.2	+0.3
TJN	Taejon	43.19 39	i/P	P	10 02 06.0	+0.1
NWAO	Narrogin (SRO)	43.40 152	eP	P	10 02 09.8	+2.2
NWAO			Pmax			
NWAO	comp=Z,19nm,0.9s					
NWAO	Narrogin (SRO)	43.40 152	eP	P	10 02 09.8	+2.2
NWAO	comp=Z,19nm,0.9s					
KSCEA	Cheonan	43.40 39	P	P	10 02 07.6	0.0
INCN	Inchon	43.44 38	P	P	10 02 07.7	-0.3
INCN	Inchon	43.44 38	eP	P	10 02 07.6	-0.3
KSGAH	Ganghwa	43.47 37	P	P	10 02 07.9	-0.2
KSCPR	CHUPUNGYEONG	43.48 40	P	P	10 02 08.4	+0.1
KSSWO	Suwon	43.50 38	P	P	10 02 08.3	-0.1
KK31	Karatay Array	43.53 334	P	P	10 02 08.4	-0.2
KK31			Pmax			
KKAR	Karatay Array	43.53 334	eP	P	10 02 08.7	+0.1
KKAR	Karatay Array	43.53 334	eP	P	10 02 08.7	+0.1
KSBN	Boeun	43.55 40	P	P	10 02 09.1	+0.3
KSSEO	Seoul	43.61 38	P	P	10 02 09.1	-0.2
KSBSU	Busan	43.65 42	P	P	10 02 10.7	+1.0
JNU	Nakatsue	43.70 46	LR	LR	10 02 22 56.6	
JNU	comp=Z,1µm,18.2s,baz=264,slow=40					
JNU	comp=Z,84nm,0.8s					
KSSAU	Sangju	43.72 40	P	P	10 02 10.3	+0.2
H01W1	Cape Leeuwin H	43.73 157	T	T	10 49 04.3	
H01W2	Cape Leeuwin H	43.75 157	T	T	10 48 57.3	
H01W1	Cape Leeuwin H	43.75 157	T	T	10 48 59.4	
S0NM	Songino Array	43.76 11	P	P	10 02 10.0	-0.5
S0NM	comp=Z,63nm,0.7s,baz=191,slow=8.5,SNR=230					
S0NM	comp=Z,32nm,0.8s,baz=192,slow=3.7,SNR=12					
S0NM	comp=Z,4.4nm,0.9s,baz=198,slow=4.0,SNR=6.0					
S0NM	comp=Z,750nm,18.2s,baz=197,slow=40					
KSMSU	Musan	43.77 37	P	P	10 02 10.4	-0.1
SONA1	Songino Array	43.77 11	eP	P	10 02 09.2	-1.4
KSICN	Icheon	43.80 38	P	P	10 02 10.8	0.0
KSDAG	Daegu	43.81 41	P	P	10 02 11.6	+0.6
KSCHJ	Chungju	43.88 39	P	P	10 02 11.4	-0.1
ULN	Ulaanbaatar	43.92 12	i/P	P	10 02 11.1	-0.7
ULN			Pmax			
ULN	comp=Z,43nm,0.7s					
ULN	Ulaanbaatar	43.92 12	P	P	10 02 11.5	-0.3
ULN	Ulaanbaatar	43.92 12	eP	P	10 02 10.8	-1.0
KSVOY	YEONGCHEON	43.97 41	P	P	10 02 13.1	+0.9
YNCB	YEONCHEON	43.97 37	P	P	10 02 11.8	-0.4
KSEUS	ULSEONG	44.02 40	P	P	10 02 13.2	+0.6
KSAR	Wonju Array Be	44.18 39	P	P	10 02 13.7	-0.2
KSAR	Wonju Array Be	44.18 39	P	P	10 02 13.7	-0.2
KS01	Wonju Array Si	44.21 39	eP	P	10 02 13.2	-0.9
KSRS	Korea Array	44.21 39	P	P	10 02 13.7	-0.4
KSRS	comp=Z,46nm,0.7s,baz=217,slow=9.0,SNR=219					
KSRS	comp=Z,2.9nm,1.0s,baz=228,slow=4.7,SNR=6.3					
KSRS	comp=Z,462nm,18.3s,baz=236,slow=39					
KSRS	Korea Array	44.21 39	P	P	10 02 13.7	-0.4
KSRS			Pmax			
KSRS	comp=Z,46nm,0.7s					
KSRS	comp=N,3.0nm,1.0s					
KSRS	comp=Z,462nm,18.3s					
KSJWJ	Wonju	44.26 39	P	P	10 02 15.0	+0.4
KSCHC	Chuncheon	44.35 38	P	P	10 02 15.1	-0.1
KSCHC			P			
KSCHC	comp=Z,21nm,1.1s					
KSCHC	Chuncheon	44.35 38	P	P	10 02 15.1	-0.1
KSCHC	comp=Z,21nm,1.1s					
KSCHC	Chuncheon	44.35 38	P	P	10 02 15.1	-0.1
KSCHC	comp=Z,21nm,1.1s					
KSCHC	Chuncheon	44.35 38	P	P	10 02 15.1	-0.1
KSCHC	comp=Z,21nm,1.1s					
KSCHC	Chuncheon	44.35 38	P	P	10 02 15.1	-0.1
KSCHC	comp=Z,21nm,1.1s					
KSCHC	Chuncheon	44.35 38	P	P		

A25A	Svangstu Ranch	124.00	14	PKIKP	PKPpdf	10 13 02.5	-0.3
ULM	Lac du Bonnet	124.14	8	PKP	PKPpdf	10 13 01.8	-1.1
DGMT	Dagmar	124.16	15	PKIKP	PKPpdf	10 13 02.8	-0.3
DGMT	Dagmar	124.16	15	ePKPpdf	PKPpdf	10 13 02.8	-0.3
DLMT	Dillon	124.16	23	ePKPpdf	PKPpdf	10 13 03.0	-0.3
A26A	Wade Farm, Ken	124.29	13	PKIKP	PKPpdf	10 13 03.0	-0.3
BOZ	Bozeman (W)	124.29	22	PKIKP	PKPpdf	10 13 03.4	-0.1
BOZ	Bozeman (W)	124.29	22	PKIKP	PKPpdf	10 13 03.2	-0.4
BOZ	Bozeman (W)	124.29	22	ePKPpdf	PKPpdf	10 13 03.4	-0.1
MF1D	Camas Ranch	124.39	27	ePKPpdf	PKPpdf	10 13 03.5	-0.2
A27A	Ledoux Ranch,	124.41	13	PKIKP	PKPpdf	10 13 03.2	-0.3
MCMT	McKenzie Canyo	124.50	24	ePKPpdf	PKPpdf	10 13 04.0	-0.1
B25A	Knox Farm, Roy	124.60	14	PKIKP	PKPpdf	10 13 03.4	-0.5
A28A	Rude Farm, Bat	124.66	12	PKIKP	PKPpdf	10 13 03.3	-0.7
B26A	Jensen Ranch,	124.73	14	PKIKP	PKPpdf	10 13 03.4	-0.8
A29A	Manning Farm,	124.86	11	PKIKP	PKPpdf	10 13 03.8	-0.6
GLMD	Greycliff	124.88	21	ePKPpdf	PKPpdf	10 13 04.7	0.0
H01T	Halley	124.89	26	PKIKP	PKPpdf	10 13 04.7	-0.1
HLID	Halley	124.89	26	ePKPpdf	PKPpdf	10 13 04.9	+0.1
B27A	Peters Farms,	124.93	13	PKIKP	PKPpdf	10 13 04.3	-0.2
A30A	Hofart Farm,	125.02	10	PKIKP	PKPpdf	10 13 04.2	-0.4
QLMT	Earthquake Lak	125.06	23	ePKPpdf	PKPpdf	10 13 05.4	+0.3
B28A	Dugan Ranch, T	125.08	12	PKIKP	PKPpdf	10 13 04.7	0.0
C25A	Freed Ranch, W	125.10	15	PKIKP	PKIKP	10 13 05.5	+0.3
LAO	LASA Array	125.21	18	PKIKP	PKIKP	10 13 05.8	+0.3
LAO	LASA Array	125.21	18	ePKPpdf	PKPpdf	10 13 05.7	+0.5
B29A	Wagenman Fm,	125.27	11	PKIKP	PKPpdf	10 13 04.8	-0.3
C26A	Wahner Farm, P	125.28	14	PKIKP	PKIKP	10 13 05.4	-0.2
YMR	Madison River	125.37	22	ePKPpdf	PKPpdf	10 13 06.3	+0.5
B30A	Myrvik Farm, E	125.48	11	PKIKP	PKPpdf	10 13 05.2	-0.4
C27A	Saylor Ranch,	125.52	13	PKIKP	PKIKP	10 13 06.0	-0.1
RLMT	Red Lodge	125.60	21	PKIKP	PKPpdf	10 13 06.4	+0.2
RLMT	Red Lodge	125.60	21	ePKPpdf	PKPpdf	10 13 05.8	-0.3
D25A	Fairfield	125.60	15	PKIKP	PKIKP	10 13 06.3	0.0
YFT	Old Faithful	125.60	22	ePKPpdf	PKPpdf	10 13 07.8	+1.6
B31A	Greenbush Farm	125.63	10	PKIKP	PKPpdf	10 13 05.5	-0.3
LKWY	Lake	125.67	22	ePKIKP	PKPpdf	10 13 07.1	+0.7
LKWY	Lake	125.67	22	ePKPpdf	PKPpdf	10 13 07.1	+0.7
H17A	Grant Village	125.75	22	PKIKP	PKIKP	10 13 07.6	+0.6
H17A	Grant Village	125.75	22	ePKPpdf	PKPpdf	10 13 07.8	+1.3
C28A	Hausauer Farms	125.77	13	PKIKP	PKPpdf	10 13 06.2	+0.1
MDND	Maddock	125.81	12	PKIKP	PKPpdf	10 13 06.0	-0.2
B32A	Ashes, Strandq	125.84	9	PKIKP	PKPpdf	10 13 05.8	-0.4
D26A	Manning	125.94	14	PKIKP	PKIKP	10 13 06.9	0.0
IMW	Indian Meadow	126.03	23	ePKPpdf	PKPpdf	10 13 07.1	-0.1
B34A	Aery, Baudette	126.03	8	PKIKP	PKPpdf	10 13 06.3	-0.3
AGMN	Agassiz Nation	126.04	9	PKIKP	PKPpdf	10 13 05.9	-0.7
CMB	Columbia Colle	126.11	34	ePKIKP	PKPpdf	10 13 06.6	-0.5
CMB	Columbia Colle	126.11	34	ePKPpdf	PKPpdf	10 13 06.6	-0.5
C29A	Mose, Pekin	126.17	11	PKIKP	PKPpdf	10 13 06.5	-0.4
C35A	Miller Ranch,	126.18	15	PKIKP	PKPpdf	10 13 07.1	+1.1
C31A	Landman Farms,	126.22	10	PKIKP	PKPpdf	10 13 06.3	-0.7
D28A	Regan	126.23	13	PKIKP	PKPpdf	10 13 07.2	+0.1
MOOW	Moose Ponds	126.23	23	ePKPpdf	PKPpdf	10 13 07.4	-0.1
TPAW	Teton Pass	126.23	23	ePKPpdf	PKPpdf	10 13 07.9	+0.1
LOHW	Long Hollow	126.40	23	ePKPpdf	PKPpdf	10 13 07.7	0.0
E26A	Carlson Angus	126.45	15	PKIKP	PKIKP	10 13 07.8	-0.2
SNOW	Snow King Moun	126.47	23	ePKPpdf	PKPpdf	10 13 07.9	-0.1
REDW	Red Top Meadow	126.52	23	ePKPpdf	PKPpdf	10 13 07.8	-0.2
D29A	Pettibone, Tap	126.56	12	PKIKP	PKPpdf	10 13 07.3	-0.4
C33A	Trail	126.58	9	PKIKP	PKPpdf	10 13 07.3	-0.3
D30A	Buchanan	126.69	11	PKIKP	PKPpdf	10 13 07.5	-0.4
F25A	Bowman	126.70	16	PKIKP	PKPpdf	10 13 08.0	0.0
E27A	Carson	126.71	14	PKIKP	PKPpdf	10 13 08.0	0.0
ELK	Elko	126.75	28	ePKIKP	PKPpdf	10 13 08.7	+0.2
ELK	Elko	126.75	28	ePKPpdf	PKPpdf	10 13 08.7	+0.2
E28A	Huff	126.78	13	PKIKP	PKPpdf	10 13 07.7	-0.4
EYMN	Ely	126.92	5	PKIKP	PKPpdf	10 13 08.2	-0.2
EYMN	Ely	126.92	5	ePKPpdf	PKPpdf	10 13 07.7	-0.6
D31A	McCaffrin, Tow	126.94	11	PKIKP	PKPpdf	10 13 08.3	-0.1
NVAR	Mina Array Bea	126.97	32	PKP	PKPpdf	10 13 09.7	+0.7
NVAR	comp=Z, 0.5nm, 0.8s, baz=27.5, slow=1.5, SNR=34			PP	PP	10 15 08.1	+1.6
NVAR	comp=Z, 0.5nm, 0.3s, baz=298, slow=7.9, SNR=5.8			PKP	PKP	10 16 41.6	
C36A	Pine Crest Far	126.97	6	PKIKP	PKPpdf	10 13 08.1	-0.3
F26A	Lodgepole	126.97	15	PKIKP	PKPpdf	10 13 08.3	-0.3
D32A	Dogwood Acres,	126.98	10	PKIKP	PKPpdf	10 13 08.1	-0.4
E29A	Napoleon	127.02	12	PKIKP	PKPpdf	10 13 08.5	-0.1
C37A	Embarrass	127.07	6	PKIKP	PKPpdf	10 13 08.3	-0.3
F27A	Lemmon	127.12	15	PKIKP	PKPpdf	10 13 09.0	+0.2
C38A	Sawbill Land,	127.17	5	PKIKP	PKPpdf	10 13 08.6	-0.2
D33A	AnnSam, Waubunt	127.17	9	PKIKP	PKPpdf	10 13 08.4	-0.4
E30A	Jud	127.24	12	PKIKP	PKPpdf	10 13 08.8	-0.2
D34A	Park Rapids	127.33	9	PKIKP	PKPpdf	10 13 08.7	-0.4
G25A	Newell	127.38	16	PKIKP	PKPpdf	10 13 09.1	-0.2
E31A	Nome	127.38	11	PKIKP	PKPpdf	10 13 08.9	-0.4
F28A	McLaughlin	127.44	14	PKIKP	PKPpdf	10 13 09.0	-0.4
D35A	Remer	127.49	8	PKIKP	PKPpdf	10 13 08.9	-0.6
D36A	Goodland	127.51	7	PKIKP	PKPpdf	10 13 09.2	-0.3
G26A	Maurine	127.51	15	PKIKP	PKPpdf	10 13 09.6	0.0
G27A	Dupree	127.61	15	PKIKP	PKPpdf	10 13 09.8	+0.1
D37A	Cotton	127.61	6	PKIKP	PKPpdf	10 13 09.5	-0.1
F29A	Eureka	127.68	13	PKIKP	PKPpdf	10 13 09.9	0.0
HWUT	Hardware Ranch	127.70	25	ePKPpdf	PKPpdf	10 13 09.6	-0.7
E33A	Westby DABS, E	127.77	9	PKIKP	PKPpdf	10 13 09.8	-0.1
H25A	Fruitdale	127.86	17	PKIKP	PKPpdf	10 13 10.1	-0.2
E34A	Wadena	127.89	9	PKIKP	PKPpdf	10 13 10.1	-0.1
E35A	Pequot Lakes	127.96	8	PKIKP	PKPpdf	10 13 10.3	-0.1
RCTC	Rector, Farmer	127.97	35	PKIKP	PKPpdf	10 13 10.6	-0.1

F31A	Hecla	127.98	12	PKIKP	PKPpdf	10 13 10.3	-0.1
H26A	Fairpoint	128.09	16	PKIKP	PKPpdf	10 13 10.8	+0.1
G28A	Parade	128.14	14	PKIKP	PKPpdf	10 13 10.7	-0.1
RSSD	Black Hills	128.19	17	ePKIKP	PKPpdf	10 13 10.9	-0.3
RSSD	Black Hills	128.19	17	ePKPpdf	PKPpdf	10 13 10.9	-0.3
SMMC	Simmer	128.23	36	PKIKP	PKIKP	10 13 11.7	-0.2
H27A	Hoves	128.26	15	PKIKP	PKPpdf	10 13 11.2	+0.2
G29A	Hoyt	128.26	13	PKIKP	PKPpdf	10 13 11.1	+0.1
DUG	Dugway	128.31	27	ePKIKP	PKPpdf	10 13 11.3	-0.1
DUG	Dugway	128.31	27	PKPpdf	PKPpdf	10 13 11.7	+0.3
DUG	Dugway	128.31	27	ePKPpdf	PKPpdf	10 13 11.3	-0.1
F33A	5 Mile Ranch,	128.37	10	PKIKP	PKPpdf	10 13 11.2	+0.1
I25A	Rochoford	128.37	17	PKIKP	PKPpdf	10 13 11.1	-0.3
VES	Vestal, Richgr	128.39	35	PKIKP	PKPpdf	10 13 11.4	-0.1
R11A	Troy Canyon, C	128.44	30	PKIKP	PKIKP	10 13 12.2	-0.2
R11A	Troy Canyon, C	128.44	30	ePKPpdf	PKPpdf	10 13 12.0	+0.2
G28A	Mission Ridge	128.49	14	PKIKP	PKPpdf	10 13 11.4	-0.1
H30A	Faulkton	128.50	13	PKIKP	PKPpdf	10 13 11.3	-0.1
CWC	Cottonwood Cre	128.53	34	PKIKP	PKPpdf	10 13 11.8	-0.1
I26A	New Underwood	128.61	16	PKIKP	PKPpdf	10 13 11.9	+0.1
F35A	Swanville	128.62	8	PKIKP	PKPpdf	10 13 11.8	+0.1
G32A	Webster	128.71	11	PKIKP	PKPpdf	10 13 11.8	-0.1
K22A	Casper	128.72	20	PKIKP	PKPpdf	10 13 12.2	+0.1
K22A	Casper	128.72	20	ePKPpdf	PKPpdf	10 13 11.0	-1.1
H29A	Onida	128.73	14	PKIKP	PKPpdf	10 13 11.9	0.0
F36A	Milaca	128.76	7	PKIKP	PKPpdf	10 13 12.2	+0.3
I27A	Quinn	128.79	16	PKIKP	PKPpdf	10 13 12.2	+0.1
NLU	North Lily Min	128.84	26	ePKPpdf	PKPpdf	10 13 12.2	-0.3
ISA	Isabella	128.87	35	PKIKP	PKPpdf	10 13 12.8	+0.3
J25A	Sunshine Ranch	128.93	17	PKIKP	PKPpdf	10 13 12.6	+0.1
ARVC	Arvin	129.04	36	PKIKP	PKPpdf	10 13 12.7	0.0
G34A	Benson	129.06	9	PKIKP	PKPpdf	10 13 12.7	+0.2
I28A	Midland	129.09	15	PKIKP	PKPpdf	10 13 12.7	+0.1
MPMC	Manual Prospec	129.14	34	PKIKP	PKIKP	10 13 13.6	-0.3
TPNV	Topopah Spring	129.16	32	PKIKP	PKIKP	10 13 13.5	-0.3
FURD	Furnace Creek,	129.18	33	PKIKP	PKIKP	10 13 13.7	+0.1
SUSD	South Dakota S	129.19	13	PKIKP	PKPpdf	10 13 13.0	+0.2
J26A	Sides Ranch, S	129.21	17	PKIKP	PKPpdf	10 13 13.2	+0.3
G35A	Watkins	129.25	8	PKIKP	PKPpdf	10 13 13.1	+0.3
H31A	Wolsey	129.26	12	PKIKP	PKPpdf	10 13 13.2	+0.3
I29A	Vivian Onida	129.28	14	PKIKP	PKPpdf	10 13 13.3	+0.3
G36A	St. Michael	129.34	8	PKIKP	PKPpdf	10 13 13.1	+0.1
H33A	Prehn Over Nor	129.41	11	PKIKP	PKPpdf	10 13 13.4	+0.2
L32A	Carlson Farm,	129.45	11	PKIKP	PKPpdf	10 13 13.3	0.0
HRMC	Laurel Mountai	129.45	35	PKIKP	PKPpdf	10 13 14.0	+0.4
SPMN	St. Paul	129.47	7	PKIKP	PKPpdf	10 13 13.6	+0.3
J27A	Elkview Farm,	129.56	16	PKIKP	PKPpdf	10 13 13.8	+0.2
I30A	Oacoma	129.59	13	PKIKP	PKPpdf	10 13 13.6	0.0
H34A	Spellman Lake,	129.59	10	PKIKP	PKPpdf	10 13 13.7	+0.2
J28A	Allard Ranch,	129.61	15	PKIKP	PKPpdf	10 13 13.6	0.0
K25A	Mack Ranch, Ha	129.61	18	PKIKP	PKPpdf	10 13 13.7	-0.1
EDW2	Edwards Air Fo	129.70	35	PKIKP	PKIKP	10 13 14.7	-0.1
K26A	Molz Farm, Whi	129.74	17	PKIKP	PKPpdf	10 13 13.9	-0.1
TMUT	Trail Mountain	129.76	26	ePKPpdf	PKPpdf	10 13 14.1	-0.3
J29A	Okreek	129.85	14	PKIKP	PKPpdf	10 13 14.0	-0.1
I32A	Karley and Nic	129.90	11	PKIKP	PKPpdf	10 13 14.1	0.0
MSU	Marysvalde	129.96	28	ePKIKP	PKPpdf	10 13 15.2	+0.5
MSU	Marysvalde	129.96	28	ePKPpdf	PKPpdf	10 13 15.2	+0.5
L25A	Engelbretsen Ra	130.00	18	PKIKP	PKPpdf	10 13 14.3	-0.2
K27A	Fluckinger Fa	130.01	16	PKIKP	PKPpdf	10 13 14.5	0.0
GSC							

Table with columns: TUC, Tucson, 135.59, 31, ePKIKP, PKPpdf, 10 13 25.9 +0.6, etc. Lists various stations and their coordinates.

Table with columns: 231A, Bronte, 140.50, 20, PKIKP, PKPpdf, 10 13 35.1 +0.9, etc. Lists various stations and their coordinates.

Table with columns: NEM2, Nakash, 2.59 241, P, Pn, 10 05 02.9 +2.7, etc. Lists various stations and their coordinates.

IDC 30 10:13:11.6:0.7,35:39S:73:95W,h0km,mb4.2/10, mb1.4,2/12,mb1mx4.1/22,mbm4.1/12,ML3.6/2,Error ellipse: s-maj=26.3km s-min=16.7km az=101.0

Code Station Name Az AZZ Phase ID Time Res h m s ISC Pn

CLCH Cerro Calan 3.46 58 i/P Pn 10 14 07.3 -0.9

PEL Peldehue 3.52 53 i/P Pn 10 14 08.0 -0.8

CFAA Coronel Fonn 6.09 54 Pn 10 14 44.3 0.0

LPZA La Paz 19.66 17 Pn 10 17 45.3 +0.5

BDFB Brasilia 30.43 57 P 10 19 25.5 -0.5

SNAW Santa Ana 51.01 157 P 10 22 14.5 -0.3

QSPA South Pole Qui 54.94 180 P 10 22 43.5 -0.4

VNDA Vanda 62.50 192 P 10 23 36.0 -0.1

MAW Mawson 72.39 164 P 10 24 38.3 -0.4

DBIC Dimbokro 77.15 72 P 10 25 05.8 -1.2

BOSA Boshof 80.91 119 P 10 25 27.5 -0.2

NVAR Nina Arroyo 84.03 327 P 10 25 45.1 +1.4

TORD Torodi Ar. Bea 86.20 71 P 10 25 54.9 +0.1

BVAR Borovoye Arroy 149.36 44 P 10 33 02.2 +0.9

MKAR Makanchi Array 158.50 36 P 10 33 47.3 +0.7

IDC 30 10:15:57.3:0.9,5:18S:133:72E,h0km,mb4.1/7, mb1.4,2/12,mb1mx4.1/25,mbm4.2/12,ML4.1/5,Error ellipse: s-maj=30.3km s-min=16.7km az=81.0

NEIC 30 10:15:58.0:0.6,5:22S:133:74E,h10km,mb4.1/2,Error ellipse: s-maj=13.8km s-min=8.3km az=76.0

ISJCJB 30 10:16:00.3:0.4,5:24S:0:04,133:65E,0.0in,5.33km, mb4.0/7,Error ellipse: s-maj=8.4km s-min=6.6km az=0.3

AUST 30 10:16:02.1:1.2,5:17S:133:65E,h61km,Error ellipse: s-maj=1.5km s-min=0.8km az=271.0

ISC 30 10:16:02.0:0.6,5:27S:0:06,133:67E:0:08,h35km,n30, a=1979/31,mb4.0/7,Araru Islands region

Code Station Name Az AZZ Phase ID Time Res h m s ISC Pn

FAKI Fak Fak 2.73 329 ePn Pn 10 16 42.4 -1.0

SIJI Sorong 4.96 331 Pn 10 17 13.1 -1.2

SIJU 6.59m,0.3s,baz=305,slow=24,SNR=21 Sn 10 18 06.4 -4.5

SWI 4.8nm,0.3s,baz=129,slow=23,SNR=7.3 4.99 331 P 10 17 15.9 +1.5

KDU Kakadu 7.47 189 P 10 17 51.0 +2.4

MTN Mantion Dam 7.94 198 Pn 10 17 57.5 +2.6

SOEI Soerabaja 10.33 244 ePn Pn 10 18 29.1 +1.2

BATI Baunata 11.06 243 Pn 10 18 39.5 +1.6

BATI 6.8nm,0.3s,baz=106,slow=15,SNR=3.2 Sn 10 20 42.8 +2.4

KNRA Kununurra 11.41 205 P 10 18 43.4 +0.8

MANU Manus Island 14.04 177 P 10 19 19.9 +1.4

WRAB Tennant Creek 14.60 177 ePn Pn 10 19 26.1 0.0

WRA Wararunga Arr 14.60 178 Pn 10 19 24.1 -2.2

WRA 0.3nm,0.3s,baz=2.0,slow=13,SNR=14 Sn 10 22 01.7 -5.3

FITZ Fitzroy Crossi 14.98 211 Pn 10 19 30.5 -0.8

FITZ 0.9nm,0.3s,baz=39,slow=9.9,SNR=26 Sn 10 22 07.7 -8.4

FITZ 0.3nm,0.3s,baz=148,slow=15,SNR=3.6 14.98 211 Pn 10 19 30.5 -0.8

FITZ Fitzroy Crossi 14.98 211 ePn Pn 10 19 29.7 -1.5

FITZ 3.7nm,0.5s Sn 10 19 30.0 -0.8

FITZ 0.1nm,0.3s,baz=1.9,slow=32,SNR=2.7 Sn 10 20 07.7 -8.4

ASAR Alice Springs 18.30 179 Pn 10 20 12.4 -0.8

ASAR 0.2nm,0.3s,baz=13,slow=10,SNR=14 Sn 10 23 22.5 -1.4

CTA Charters Tower 19.16 141 Pn 10 20 24.4 +0.8

CTAO Charters Tower 19.16 141 ePn Pn 10 20 22.4 -1.2

WRKA Warakurna 20.32 194 P 10 20 38.6 +1.1

QLP Outlip 23.48 156 P 10 21 10.3 +1.7

JNU Nakatsue 38.27 356 P 10 23 16.9 -2.2

CMAR Chiang Mai Arr 41.57 305 P 10 23 47.2 +0.6

KSAR Wonju Array Be 42.83 353 P 10 23 57.0 +0.4

KSRS Korea Array 42.84 353 P 10 23 57.0 +0.3

USRK Ussuriysk Arr 49.25 358 P 10 24 47.4 +0.2

USRK 1.4nm,0.7s,baz=169,slow=11,SNR=9.0 1.4nm,0.6s,baz=158,slow=9.1,SNR=4.9 Sn 10 24 47.4 +0.2

MKAR Makanchi Array 68.85 325 P 10 27 04.1 +1.0

ZALV Zalesovo Beam 71.71 332 P 10 27 20.1 -0.2

VNDA Vanda 73.75 174 P 10 27 33.3 -1.2

TORD Torodi Ar. Bea 132.02 283 PKP 10 35 14.1 +1.2

CPUP Villa Florida 146.83 162 PKPbc PKPab 10 35 41.7 -0.8

ISCJB 30 10:17:00.6:0.6,37:18N:0:02,117:36W,0:02,h5km,24km,

30d 11h

2010 SEP

Error ellipse: s-maj=3.6km s-min=3.0km az=41.1 NEIC 30 10:17:01.5, 10.3715N, 117.38W, h0km, ML3.7(REN), MW3.8(SLM), After REN.

ISC 30 10:17:01.8, 10.3715N, 117.39W, 0.02, h9km, 2km, m65, e0.87/82, California-Nevada border region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded events.

ISC 30 10:34:26.9, 1.1, 35.49N, 0.05, 140.10E, 0.05, h71km, 6km, n21, e1.07/25, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations for the Honshu event.

MEX 30 10:35:37.3, 1.1, 15.12N, 92.37W, h154km, 17km, MD3.5, Mexico-Guatemala border region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations for the Mexico-Guatemala border event.

ISC 30 10:44:21.8, 0.8, 24.87N, 125.25E, h0km, mb4.0/9, mb1.4/0.10, mb1mx3.8/36, mbtmp3.9/10, ML1.8/1, MS3.5/2, Ms1.3/5.2, ms1mx2.8/45, Error ellipse: s-maj=26.7km s-min=18.0km az=66.0

ISC 30 10:44:27.0, 0.4, 24.95N, 0.07, 125.53E, 0.05, h53km, 3km, mb3.9/2, MS4.0/1, Error ellipse: s-maj=13.0km s-min=9.5km az=148.0

JMA 30 10:44:27.4, 0.4, 24.93N, 125.52E, h52km, 1km, M3.9 JMA Felt 1/1

ISC 30 10:44:28.3, 0.8, 24.96N, 125.51E, 0.06, h46km, 6km, n40, e1.10/49, mb3.9/9, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations for the Ryukyu Islands event.

KRSR comp=2.75nm, 18.2s, baz=100, slow=41, LR

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations for the Honshu event.

JMA 30 11:05:11.7, 37.29N, 140.00E, h8km, 1km, M2.7, Eastern Honshu

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations for the Eastern Honshu event.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations for the NIED 30 event.

NIED 30 11:05:00.37, 30N, 140.00E, h8km, Mw3.7 Best double couple: M3.65000x1014 NP1.345.00000, 8.16.00000, 1.75.00000, NP2.345.00000, 8.75.00000, 1.94.00000

ISC 30 11:05:30.0, 1.1, 37.19N, 140.16E, h0km, mb3.5/4, mb1.3/6.6, mb1mx3.5/55, mbtmp3.5/6, ML3.0/2, MS2.9/1, Ms1.2/9.1, ms1mx2.5/38, Error ellipse: s-maj=26.6km s-min=19.7km az=131.0

ISC 30 11:05:31.3, 0.6, 37.32N, 0.06, 140.04E, 0.05, h15km, mb3.5/4, Error ellipse: s-maj=9.2km s-min=4.5km az=155.2

JMA 30 11:05:31.2, 37.28N, 140.00E, h8km, 1km, M3.9 JMA Felt 1/1, 1

ISC 30 11:05:31.7, 0.8, 37.29N, 0.06, 140.01E, 0.04, h15km, n20, e0.82/16, mb3.5/4, 14, Eastern Honshu

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations for the Eastern Honshu event.

ISC 30 11:12:10.6, 1.9, 41.7S, 0.2, 149.7E, 0.4, h577km, mb3.4/5, Error ellipse: s-maj=29.2km s-min=24.2km az=10.9

ISC 30 11:12:14.3, 3.0, 4.70S, 149.54E, h602km, 28km, mb2.7/5, mb1.2/9.6, mb1mx2.6/32, mbtmp3.7/6, Error ellipse: s-maj=39.2km s-min=25.6km az=80.0

ISC 30 11:12:11.6, 1.7, 4.5S, 0.2, 149.7E, 0.4, h577km, n7, e1.33/83, mb3.6/5, Bismarck Sea

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations for the Bismarck Sea event.

TIR 30 11:17:07.7, 41.55N, 20.19E, h18km, ML3.7

ISC 30 11:17:07.6, 0.2, 42.56N, 0.01, 20.17E, 0.02, h2km, 2km, mb3.7/3, Error ellipse: s-maj=1.9km s-min=1.8km az=173.3

PRU 30 11:17:08.0, 0.2, 64.24N, 20.30E, h0km

LDG 30 11:17:08.3, 0.1, 42.51N, 20.14E, h2km, M4.0/3, Error ellipse: s-maj=3.3km s-min=2.7km az=145.0

PDG 30 11:17:08.4, 0.3, 42.54N, 20.15E, h5km, MD3.5/11, ML3.5/11, Error ellipse: s-maj=0.3km s-min=0.4km az=0.0

ISC 30 11:17:08.8, 1.3, 42.43N, 20.25E, h0km, mb3.7/3, mb1.3/7.7, mb1mx3.5/31, mbtmp3.6/7, ML3.0/4, Error ellipse: s-maj=23.3km s-min=18.9km az=174.0

CSEM 30 11:17:08.1, 0.1, 42.55N, 20.10E, h2km, ML3.9, Error ellipse: s-maj=2.4km s-min=2.4km az=108.0

BEO 30 11:17:09.2, 0.2, 42.56N, 20.12E, h1km

ISCO 30 11:17:09.8, 0.6, 42.55N, 0.01, 20.14E, 0.01, h7km, 6km, n216, e1.93/208, mb3.8/3, 37C-30D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations for the Northwestern Balkan Peninsula event.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like Peshkopia, Nikskia, Pljevlja, Selova, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like Ouranopolis, Evrytania, Agrios Georgios, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like ZIIG Tehuacan, TIPIG Tehuacan, etc.

30d 12h

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

IDS 30 11:44:46.7, 6.8, 54.94N, 161.94W, h0km, mb3.4/2, mb1 3.7/4, mb1mx3.4/45, mbmtpp3.4/4, ML3.2/2, Error ellipse: s-maj=116.9km s-min=39.2km az=87.0

NEIC 30 11:45:00.7, 55.42N, 161.17W, h85km, MG3.3(AEIC), After AEIC, ISC 30 11:45:00.6, 1.1, 55.55N, 0.2, 161.12W, 0.09, h100km, n12, c146/15, Alaska Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SDPT, PVV, PN6, etc.

IDS 30 12:00:10.8, 10.0, 3.02N, 96.51E, h0km, mb3.7/3, Error ellipse: s-maj=496.3km s-min=31.7km az=55.0, Northern Sumatara

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H0S2, H0S3, H0S1, etc.

IDS 30 12:11.8, 3.7, 79.83N, 5.94E, h0km, mb3.5/1, mb1 3.8/4, mb1mx3.3/45, mbtp3.7/4, ML4.0/2, MS2.5/1, Ms1 2.5/1, ms1mx2.2/36, Error ellipse: s-maj=54.6km s-min=38.3km az=61.0

BER 30 12:32:11.4, 2.3, 79.65N, 4.60E, h10km, MD2.1, ML2.8, ML4.2(NAO)

NAO 30 12:32:11.5, 3.5, 79.80N, 6.08E, ML4.2

CSEM 30 12:32:14.7, 1.1, 79.36N, 6.19E, h10km, ML4.2, Error ellipse: s-maj=23.5km s-min=20.8km az=87.0

ISC 30 12:32:13.3, 2.2, 79.41N, 0.1, 55.4E, 0.1, h10km, n24, c125/41, 2C, Svalbard region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KBS, SPA0, SPITS, etc.

2010 SEP

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HOPEN, BJO, ARA0, etc.

ISCJB 30 12:39:04.8, 0.6, 39.09N, 0.03, 43.51E, 0.06, h13km, 9km, Error ellipse: s-maj=7.5km s-min=5.7km az=167.2

CSEM 30 12:39:04.6, 0.3, 39.07N, 0.48E, h10km, MD2.7, Error ellipse: s-maj=7.1km s-min=5.3km az=87.0

DDA 30 12:39:04.7, 39.05N, 43.49E, h7km, MD2.7

ISC 30 12:39:04.3, 1.1, 39.07N, 0.03, 43.46E, 0.04, h10km, n11km, n17, c113/26, Turkey

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

NIED 30 12:47:00.37, 10N, 141.20E, h47km, Mw4.9, Best double couple: M2, 69000, 1016, NP1, 222, 00000, 321, 00000, 7, 108, 00000, NP2, 23, 00000, 870, 00000, 1, 83, 00000

BJJ 30 12:47:05.4, 36.94N, 141.28E, h51km, mb4.8/56, m5.0/46, Ms4.4/53, Ms7.4/251

MOS 30 12:47:07.2, 1.0, 37.18N, 140.97E, h38km, mb4.9/34, Error ellipse: s-maj=8.1km s-min=5.2km az=104.0

GCMT 30 12:47:08.5, 0.3, 37.06N, 141.19E, h53km, Mw5.0/71, Moment Tensor Solution, s45, c56; s71, c105; Duration: 0 Moment tensor: Scale 10^16Nm; Mr, 3.33, 16; Mw, 1.28, 12; Ms, 2.05, 12; Mo, 0.62, 09; Mo, 1.46, 09; Mr, 1.98, 09; Best double couple: M3, 85400, 1016

NP1, 222, 00000, 861, 00000, 1, 81, 00000, NP2, 23, 00000, 330, 00000, 1, 107, 00000, Principal axes: T 3.9840, Plg72.0000, Azm275.0000; N 0.2620, Plg8.0000, Azm3.0000; P -3.7240, Plg16.0000, Azm124.0000; nst1 refers to body waves, cutoff=40s, nst2 refers to surface waves, cutoff=50s.

NEIC 30 12:47:08.4, 0.2, 37.10N, 140.95E, h35km, mb4.9/49, Mw4.9(NIED) Error ellipse: s-maj=5.9km s-min=4.2km az=129.0

NEIC Felt [I] at Fukushima. Also felt at Sendai. Recorded [3 JMA] in Fukushima and Ibaraki; [2 JMA] in Chiba and Miyagi; [1 JMA] in Gumma, Iwate, Saitama, Tochigi and Tokyo.

ISCJB 30 12:47:09.2, 0.3, 37.10N, 0.02, 141.04E, 0.03, h58km, 2km, mb4.7/102, MS4.2/21, Error ellipse: s-maj=4.6km s-min=3.5km az=30.9

JMA 30 12:47:09.5, 0.1, 37.08N, 141.12E, h51km, 1km, M4.8 Broadband fault plane solution: P waves, NP1: 2, 29, 00000, 860, 00000, 1, 88, 00000, NP2: 214, 00000, 330, 00000, 1, 94, 00000, Principal axes: T Plg75.0000, Azm293.0000; N Plg2.0000, Azm30.0000; P Plg15.0000, Azm121.0000;

JMA Felt III J1, IDS 30 12:47:09.5, 0.5, 37.10N, 141.07E, h52km, 4km, mb2.4/33, mb1 4.3/40, mb1mx4.2/58, mbtpp4.5/40, MS4.1/21, Ms1 4.1/21, ms1mx3.9/30, Error ellipse: s-maj=12.1km s-min=9.2km az=100.0

SZGRF 30 12:47:22.6, 37.58N, 141.20E, h33km, mb5.0, Near east coast of eastern Honshu, Japan

ISC 30 12:47:09.4, 0.3, 37.09N, 0.03, 141.08E, 0.04, h48km, 2km, h48km, pp-P, n316, c1934/350, mb4.7/109, MS4.2/22, 17C-33D, Near east coast of eastern Honshu

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

1474

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

30d 13h

Table with columns: Station Name, Azimuth, Elevation, Magnitude, Phase ID, Time, Res. Includes stations like Boulder Array, KWP, BURAR, etc.

2010 SEP

Table with columns: Code, Station Name, Azimuth, Elevation, Magnitude, Phase ID, Time, Res. Includes stations like ECH, MEH, TBI, etc.

1476

Table with columns: Station Name, Azimuth, Elevation, Magnitude, Phase ID, Time, Res. Includes stations like NB2, HFS, etc.

NEIC 30 13:32:22.4-0.2, 5.10S: 152.58E, h35km, mb5.4/68, MS4.9/116, Error ellipse: s-maj=5.9km s-min=4.2km az=131.0
 GCMT 30 13:32:22.4-0.2, 5.39S: 152.68E, h31km, MW5.2/85, Moment Tensor Solution. s73.c123: s85.c144; Duration: 1s0 Moment tensor: Scale 10¹⁷Nm; M₀=0.62±.02; M₀₀=0.64±.01; M₀₂=0.01; M₀₃=0.47±.02; M₂₀=0.12±.01; M₂₂=0.06±.02; Best double couple: M₀ 0.79600×10¹⁷ NPI₁ 82.00000°, 663.00000°; 7.92.00000°; NP₂ 258.00000°, 827.00000°, 8.86.00000°. Principal axes: 0.7760, P1g7.0000°, Azm356.0000°; N 0.0410, P1g2.0000°, Azm261.0000°, P -0.8170, P1g18.0000°, Azm170.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.
 DJA 30 13:32:26.8-0.8, 5.4×15.9E, h85km, 9km, M4.9/26, mb5.0/26, mb5.5/11, Mw(mb)4.9/11

SZGRF 30 13:32:38.9, 1.13N: 147.97E, h33km, Eastern Caroline Islands, Micronesia, region
 ISC 30 13:32:23.0-0.4, 5.11S: 152.61E: 0.05, h41km, 2km, h40km; p-P, n461, c1528/408, mb5.2/129, MS4.8/144, 19C-6D, New Britain region

Code	Station Name	Δ°	AZ°	Op	Phase ID	Time	Res
						h m s	ISC
RABL	Rabaul	1.01	334	P	Pn	13 32 42.1	+1.4
MANU	Manus Island	6.06	300	P	Pn	13 33 54.4	+4.3
MANU	Manus Island	6.06	300	ePb	Pn	13 33 54.7	+4.7
PMG	Port Moresby	6.89	231	Pn	Pn	13 34 01.2	-0.4
PMG	Port Moresby	6.89	231	eP	Pn	13 35 19.2	+0.4
PMG	Port Moresby	6.89	231	eP	Pn	13 34 03.1	+1.5
PMG	Port Moresby	6.89	231	eP	Pn	13 34 03.6	+2.0
HNR	Honiara	8.45	121	LR	LR	13 38 04.8	
GENI	Genyem	12.66	281	P	Pn	13 35 19.5	-1.2
COEN	Coen	12.80	226	P	Pn	13 35 24.3	+1.7
COEN	Coen	12.80	226	ePn	Pn	13 35 23.3	+0.8
PATS	Pohnpei	13.16	26	P	Pn	13 35 22.5	-4.9
SMPI	Sarmi	14.22	282	P	P	13 35 46.2	-2.2
CTA	Charters Tower	16.13	202	Pn	Pn	13 35 07.5	+0.7
CTA	Charters Tower	16.13	202	P	Pn	13 41 20.9	
CTAO	Charters Tower	16.13	202	P	Pn	13 36 05.8	-1.1
CTAO	Charters Tower	16.13	202	P	Pn	13 36 05.8	-1.1
QIS	Mount Isa	19.89	218	P	P	13 36 51.7	+0.5
GUMO	Guam	20.10	338	eP	P	13 36 53.2	-0.2
GUMO	Guam	20.10	338	eP	P	13 45 24.4	
EIDS	Eidsvold	20.20	184	eP	P	13 36 54.6	+0.2
EIDS	Eidsvold	20.20	184	eP	P	13 36 54.6	+0.2
KWJAD	Kwajalein Atol	20.36	47	PFAKE	LR	13 37 10.0	+11
FAKI	Fak Fak	20.43	275	P	Pn	13 37 00.2	+0.8
FAKI	Fak Fak	20.43	275	ePn	Pn	13 37 01.2	+1.8
FAKI	Fak Fak	20.43	275	P	Pn	13 37 05.5	-0.5
SAUI	Saunaki	21.36	261	PFAKE	LR	13 37 20.0	+13
DZM	Mont Dzumac	21.53	143	eP	P	13 37 08.9	-0.1
DZM	Mont Dzumac	21.53	143	eLR	LR	13 42 22.0	
DZM	Mont Dzumac	21.53	143	LR	LR	13 44 28.9	
RMQ	Roma	21.58	189	P	P	13 37 09.5	+0.2
SIJI	Sorong	21.73	280	P	P	13 37 11.5	+0.5
SWI	Sorong	21.73	280	P	P	13 37 12.2	+1.1
SWI	Sorong	21.73	280	P	P	13 37 12.7	+1.6
MTN	Manton Dam	22.55	249	P	P	13 37 21.5	+1.7
MTN	Manton Dam	22.55	249	eP	P	13 37 20.2	+0.4
MTN	Manton Dam	22.55	249	P	LR	13 37 23.9	+3.1
BNDI	Bandanaira	22.64	270	P	P	13 37 21.7	-0.7
QLP	Quilpie	22.81	200	P	P	13 37 26.2	+1.0
WRB4	Warramunga Arr	23.07	229	P	P	13 37 24.7	-0.7
WRAB	Tennant Creek	23.09	229	eP	P	13 37 26.2	+0.8
WRAB	Tennant Creek	23.09	229	eP	P	13 37 24.9	-0.6
WRAB	Tennant Creek	23.09	229	eP	LR	13 37 24.9	-0.6
WRA	Warramunga Arr	23.10	229	P	P	13 37 24.5	-1.0
WRA	Warramunga Arr	23.10	229	P	S	13 41 32.9	-1.2
MSAI	Masahi	23.68	273	P	P	13 37 34.0	+2.8
AAI	Ambon	24.39	272	P	P	13 37 40.3	+2.6
ARMA	Armidale	25.20	182	PFAKE	LR	13 38 00.0	+15
LBMI	Labuha	25.46	279	P	P	13 37 48.9	+1.4
NLAI	Namie	25.51	273	P	P	13 37 50.1	+2.2
KNRA	Kunurra	25.67	244	P	P	13 37 49.8	-0.7
ASAR	Alice Springs	25.80	223	P	P	13 42 22.8	+5.4
ASAR	Alice Springs	25.80	223	P	S	13 47 31.2	
ASAR	Alice Springs	25.80	223	P	LR	13 37 51.4	+0.1
TNTI	Ternate	25.89	282	eP	P	13 37 51.5	+0.1
TNTI	Ternate	25.89	282	eP	P	13 37 51.5	+0.1
TNTI	Ternate	25.89	282	P	LR	13 38 00.6	+1.5
LHI	Lord Howe Isla	26.97	168	PFAKE	LR	13 38 10.0	+9.1
CMSA	Cobar Meteorol	27.09	193	P	P	13 38 00.8	-1.1
MSVF	Nonsavu	27.86	119	PFAKE	LR	13 38 20.0	+11
WAKE	Wake Island	27.90	29	PFAKE	LR	13 38 20.0	+11
SGSI	Sanghie	28.43	287	P	P	13 38 16.3	+2.1
SOEI	Soe	28.48	259	P	P	13 38 16.1	+1.4

SOEI	Soe	28.48	259	PFAKE	LR	13 38 30.0	+15
BATI	Baumata	29.12	258	P	P	13 38 21.3	+0.9
BATI	Baumata	29.12	258	P	P	13 38 20.6	+0.2
BATI	Baumata	29.12	258	P	P	13 52 16.3	
KMSI	Cibinong	29.15	280	P	P	13 38 21.0	+0.4
LWUI	Luwuk	30.07	277	PFAKE	LR	13 38 40.0	+11
CAN	Canberra	30.25	186	PFAKE	LR	13 38 40.0	+10
MMRI	Maumere	30.35	262	PFAKE	LR	13 38 40.0	+8.7
WRKA	Warakuma	30.62	227	P	P	13 38 32.5	-1.0
HTT	Hallett	30.93	203	P	P	13 38 34.1	-2.1
BBOO	Buckleboe	31.60	207	PFAKE	LR	13 38 50.0	+8.0
KAPI	Kappang	32.73	269	PFAKE	LR	13 39 00.0	+7.8
ARPS	Mount Arapiles	33.03	196	P	P	13 38 53.6	-0.8
CBJL	Chichijima	33.56	343	PFAKE	LR	13 39 10.0	+11
FORT	Forrest	34.44	219	PFAKE	LR	13 39 20.0	+13
MYLDM	Lahad Datu	35.57	286	eP	P	13 39 18.6	+1.8
MYLDM	Lahad Datu	35.57	286	eP	P	13 39 18.0	+1.2
MBWA	Marble Bar	35.66	240	eP	P	13 39 16.5	-1.0
TSM	Tawau	35.94	284	eP	P	13 39 17.9	-2.1
RAO	Raiaul	36.15	107	PFAKE	LR	13 39 40.0	+13
RAO	Raiaul	36.15	107	PFAKE	LR	13 39 40.0	+13
SDKM	Sandakan	36.94	286	eP	P	13 39 29.9	+1.2
TAU	Tasmania Unive	37.94	186	PFAKE	LR	13 39 50.0	+13
KKM	Kota Kinabalu	37.99	287	PFAKE	LR	13 39 50.0	+12
MEEK	Meekatharra	38.87	233	P	P	13 39 44.2	-0.5
KMBL	Kambalda	38.91	224	P	P	13 39 44.2	-0.8
URZ	Urewera	39.82	149	P	P	13 39 52.9	+0.5
BTM	Bintulu	40.34	281	eP	P	13 39 58.9	+1.7
SBUM	Sibu	41.05	280	eP	P	13 40 02.7	-0.2
SBUM	Sibu	41.05	280	eP	P	13 40 03.1	+0.2
MORW	Morawa	42.01	231	P	P	13 40 10.0	-0.6
BLDU	Ballidu	42.24	229	P	P	13 40 12.1	-0.4
YHNB	Yeheng	42.43	316	PFAKE	LR	13 40 30.0	+16
KSM	Kuching	42.76	278	P	P	13 40 17.0	0.0
KSM	Kuching	42.76	278	eP	P	13 40 15.8	-1.2
KSM	Kuching	42.76	278	eP	P	13 40 15.8	-1.2
NWAO	Narrogin (SRO)	43.04	226	PFAKE	LR	13 40 30.0	+11
JNU	Nakatsue	43.25	333	eP	P	13 40 20.8	+0.2
MJAR	Matsushiro Arr	43.57	343	P	P	13 40 20.4	-2.7
MJAR	Matsushiro Arr	43.57	343	P	P	13 42 09.8	-0.5
MJAR	Matsushiro Arr	43.57	343	P	P	13 46 01.9	+3.1
MJAR	Matsushiro Arr	43.57	343	P	P	13 56 35.9	
MAJO	Matsushiro	43.57	343	eP	P	13 40 21.2	-1.9
MAJO	Matsushiro	43.57	343	eP	P	13 40 21.4	-1.7
MAT	Matsushiro	43.57	343	P	P	13 40 20.6	-2.5
MAT	Matsushiro	43.57	343	P	S	13 46 55.4	+5.8
DLV	T Lat	47.04	291	eP	P	13 40 51.8	+0.6
TJN	Taejon	47.56	332	eP	P	13 40 54.4	-0.2
ERM	Erimo	47.68	350	PFAKE	LR	13 41 10.0	+15
KSR5	Korea Array	48.19	334	P	P	13 40 58.9	-0.6
KSR5	Korea Array	48.19	334	P	P	13 42 26.2	-0.1
KSR5	Korea Array	48.19	334	P	P	14 00 21.3	
KSAR	Wonju Array Be	48.20	333	P	P	13 40 58.9	-0.7
KSAR	Wonju Array Be	48.20	333	P	P	13 42 26.3	
QIZ	Qiongzong	48.46	301	P	P	13 40 58.9	-0.7
QIZ	Qiongzong	48.46	301	P	S	13 42 26.2	-0.1
QIZ	Qiongzong	48.46	301	P	S	13 41 02.3	+1.4
QIZ	Qiongzong	48.46	301	P	S	13 48 03.0	+2.5
QIZ	Qiongzong	48.46	301	PFAKE	LR	13 41 10.0	+8.0
INCN	Inchon	48.80	332	P	P	13 41 05.3	+1.1
INCN	Inchon	48.80	332	eP	P	13 41 05.0	+0.8
INCN	Inchon	48.80	332	P	LR	13 41 07.3	+1.8
NJ2	Nanjing	48.96	321	eP	P	13 41 16.8	-0.4
NJ2	Nanjing	48.96	321	eP	P	13 41 20.3	-1.6
NJ2	Nanjing	48.96	321	eP	P	13 48 10.0	+2.9
NJ2	Nanjing	48.96	321	eP	S	13 48 25.5	-0.8
NJ2	Nanjing	48.96	321	eP	PMZ	13 47 31.2	
NJ2	Nanjing	48.96	321	eP	PMZ	13 47 31.2	
NJ2	Nanjing	48.96	321	eP	PMZ	13 47 31.2	
MYKOM	Kota Tinggi	49.19	277	eP	P	13 41 07.6	-0.1
MYKOM	Kota Tinggi	49.19	277	eP	P	13 41 07.4	-0.2
YUK	Yuzh-Kuril sk	49.29	354	P	P	13 41 06.4	-1.4
YUK	Yuzh-Kuril sk	49.29	354	P	P	13 42 57.9	
YUK	Yuzh-Kuril sk	49.29	354	P	P	13 43 51.0	
YUK	Yuzh-Kuril sk	49.29	354	P	P	13 48 10.9	-0.3
YUK	Yuzh-Kuril sk	49.29	354	P	P	13 50 53.1	
YUK	Yuzh-Kuril sk	49.29	354	P	P	13 51 40.6	-2.8
ASAJ	Kluang	49.75	277	eP	P	13 41 12.2	+0.3
ASAJ	Kluang	49.75	277	eP	P	13 41 11.1	-0.8
KTGM	Kuala Trengganu	50.49	281	eP	P	13 41 16.3	-1.2
WHN	Wuhan	50.95	317	eP	P	13 41 22.0	+1.4
WHN	Wuhan	50.95	317	eP	P	13 41 22.0	-2.5

WHN	Wuhan	50.95	317	eP	P	13 41 22.0	+1.4
WHN	Wuhan	50.95	317	eP	P	13 41 22.0	-2.5
WHN	Wuhan	50.95	317	eP	P	13 41 22.0	-2.5
VLA	Vladivostok	51.54	341	eP	P	13 41 24.9	0.0
VLA	Vladivostok	51.54	341	eP	P	13 42 39.1	
VLA	Vladivostok	51.54	341	eP	S	13 48 41.5	-1.1
FRIM	Kepong	51.61	278	eP	P	13 41 25.2	-0.7
PPI	Padang Panjang	52.34	273	eP	P	13 41 30.2	-1.1
IPM	Iloilo	52.40	280	eP	P	13 41 31.3	-0.5
IPM	Iloilo	52.40	280	eP	P	13 41 30.4	-1.4
USRK	Ussuriysk Ar	52.48	341	eP	P	13 41 30.9	-0.8
USRK	Ussuriysk Ar	52.48	341	eP	P	13 42 42.0	+0.1
USRK							

Table with columns: BOZ, Bozeman (W), 97.65, 45, P, P, 13 45 53.6 -0.1, etc. Lists various astronomical observations with coordinates and magnitudes.

Table with columns: SANT, Santorini, 122.53, 310, PFAKE, LR, LR, 13 51 30.0 +15, etc. Lists astronomical observations, including a large section for '2010 SEP'.

Table with columns: TIC, Toumodi, 157.70, 275, eP, PKPab, 13 52 48.4 -0.3, etc. Lists astronomical observations with detailed station and object information.

Table with columns: UCH, EGAK, AAK, AAK, AAK, AAK, AAK, USP, MAW, MAW, MAW, DAWY, AML, EKS2, EKS2, EKS2, EKS2, BRVK, BRVK, NVAR, NVAR, WYCA, WYCA, YKA, IMU, EZMT, FINES, FINES, FINES, AKASG, AKASG, DPC, DPC, BRG, BRG, BRG, CLL, CLL, CLL, CLL, CLL, GERES, GERES, LPAZ, LPAZ, LPAZ, CPUP, CPUP, TAM, TAM, TAM, TOA, TOA, TOA, TOR, TOR, TOR, TOR, BDFB, BDFB, BDFB, KIC, KIC, DBIC, TIC

DDA 30 14:19:32.5, 37:40N, 42:57E, h1 km, MD2.8

ISCJB 30 15:11:25.6, 0.4, 24:13N, 0:02, 121:73E, 0:02, h5 km, 3 km, Error ellipse: s-maj=3.7 km s-min=2.1 km az=34.9

ISC 30 14:19:34.2, 37:50N, 42:37E, h5 km, MD2.5

CSEM 30 14:19:34.8, 0.5, 37:54N, 42:37E, h2 km, MD2.8, Error ellipse: s-maj=13.4 km s-min=11.3 km az=18.0

ISC 30 14:19:35.9, 1.0, 37:54N, 0:02, 44:0E, 0:04, h3 km, 8 km, n15, e1530/24, Turkey

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

ICD 30 14:21:20.3, 2.5, 4:92S, 152:74E, h0 km, mb3.5/3, mb1.3/3, mb1mx3.3/19, mbtmp3.3/3, Error ellipse: s-maj=204.6 km s-min=30.6 km az=127.0, New Britain region

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

ICD 30 14:46:00.1, 3.0, 33:20S, 178:35W, h0 km, mb3.5/2, mb1.3/3, mb1mx3.5/25, mbtmp3.6/3, ML3.2/1, Error ellipse: s-maj=72.1 km s-min=36.2 km az=120.0, South of Kermadec Islands

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

WRA 0.3nm, 0.7s, baz=103, slow=7.1, SNR=5.4

FINES FINESS Array B 147.635 38 PKPbc PKPbc 15 05 45.0 -0.8

CSEM 30 14:47:09.0, 0.5, 37:30N, 37:65E, h5 km, MD3.0, Error ellipse: s-maj=14.4 km s-min=9.3 km az=154.0

DDA 30 14:47:10.5, 37:37N, 37:50E, h5 km, MD3.0

ISC 30 14:47:08.0, 1.0, 37:29N, 0:05, 37:60E, 0:04, h0 km, 13 km, n12, e055/20, Turkey

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

NEIC 30 14:49:47.9, 37:14N, 117:39W, h8 km, ML3.6(REN), After REN

ISC 30 14:49:48.0, 1.0, 37:16N, 0:02, 117:37W, 0:02, h8 km, 8 km, n39, e072/67, California-Nevada border region

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

DDA 30 14:19:32.5, 37:40N, 42:57E, h1 km, MD2.8

ISCJB 30 15:11:25.6, 0.4, 24:13N, 0:02, 121:73E, 0:02, h5 km, 3 km, Error ellipse: s-maj=3.7 km s-min=2.1 km az=34.9

ISC 30 14:19:34.2, 37:50N, 42:37E, h5 km, MD2.5

CSEM 30 14:19:34.8, 0.5, 37:54N, 42:37E, h2 km, MD2.8, Error ellipse: s-maj=13.4 km s-min=11.3 km az=18.0

ISC 30 14:19:35.9, 1.0, 37:54N, 0:02, 44:0E, 0:04, h3 km, 8 km, n15, e1530/24, Turkey

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

ICD 30 14:21:20.3, 2.5, 4:92S, 152:74E, h0 km, mb3.5/3, mb1.3/3, mb1mx3.3/19, mbtmp3.3/3, Error ellipse: s-maj=204.6 km s-min=30.6 km az=127.0, New Britain region

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

ICD 30 15:03:56.2, 2.5, 5:14S, 152:95E, h0 km, mb3.1/3, mb1.3/3, mb1mx3.2/31, mbtmp3.1/3, Error ellipse: s-maj=191.5 km s-min=30.2 km az=128.0, New Britain region

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

0.4nm, 0.8s, baz=237, slow=5.2, SNR=4.2

JMA 30 15:11:24.7, 0.1, 24:11N, 120:70E, h0 km, M2.7

ISCJB 30 15:11:25.6, 0.4, 24:13N, 0:02, 121:73E, 0:02, h5 km, 3 km, Error ellipse: s-maj=3.7 km s-min=2.1 km az=34.9

TAP 30 15:11:25.7, 24:14N, 121:69E, h10 km, ML3.3, B

ISC 30 15:11:25.9, 0.9, 24:14N, 0:02, 121:70E, 0:02, h1 km, 6 km, n55, e058/81, BC-10, Taiwan

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

NEIC 30 14:49:47.9, 37:14N, 117:39W, h8 km, ML3.6(REN), After REN

ISC 30 14:49:48.0, 1.0, 37:16N, 0:02, 117:37W, 0:02, h8 km, 8 km, n39, e072/67, California-Nevada border region

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

DDA 30 14:19:32.5, 37:40N, 42:57E, h1 km, MD2.8

ISCJB 30 15:11:25.6, 0.4, 24:13N, 0:02, 121:73E, 0:02, h5 km, 3 km, Error ellipse: s-maj=3.7 km s-min=2.1 km az=34.9

ISC 30 14:19:34.2, 37:50N, 42:37E, h5 km, MD2.5

CSEM 30 14:19:34.8, 0.5, 37:54N, 42:37E, h2 km, MD2.8, Error ellipse: s-maj=13.4 km s-min=11.3 km az=18.0

ISC 30 14:19:35.9, 1.0, 37:54N, 0:02, 44:0E, 0:04, h3 km, 8 km, n15, e1530/24, Turkey

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

ICD 30 14:21:20.3, 2.5, 4:92S, 152:74E, h0 km, mb3.5/3, mb1.3/3, mb1mx3.3/19, mbtmp3.3/3, Error ellipse: s-maj=204.6 km s-min=30.6 km az=127.0, New Britain region

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

ICD 30 15:03:56.2, 2.5, 5:14S, 152:95E, h0 km, mb3.1/3, mb1.3/3, mb1mx3.2/31, mbtmp3.1/3, Error ellipse: s-maj=191.5 km s-min=30.2 km az=128.0, New Britain region

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

TXAR	Lajitas Array	36.62 312	P	P	16 03 31.2 +0.5
TXAR	3.1nm,0.6s,baz=127,slow=9.2,SNR=24		PcP		
TX31	0.2nm,0.3s,baz=140,slow=8.2,SNR=6.5	36.62 312	eP		16 05 51.6 +1.2
WMOK	Lajitas Ar. Si	36.63 323	eP		16 03 30.8 0.0
U35A	Wichita Mounta	36.63 323	eP		16 03 29.2 -1.5
V34A	Pawnee	36.63 327	P	P	16 03 30.4 -0.3
V34A	Guthrie	36.67 326	P	P	16 03 30.8 -0.2
T36A	Boggs Farm, Ca	36.70 329	P	P	16 03 30.0 -1.2
HD1L	Hopedale	36.70 339	P	P	16 03 31.1 -0.1
S37A	Fort Scott	36.71 330	P	P	16 03 30.9 -0.3
T35A	Sooner Cattle	36.92 328	P	P	16 03 32.9 -0.2
Y31A	Rieketa Farm,	37.02 321	P	P	16 03 34.5 +0.5
V33A	Lossen Ranch,	37.10 325	P	P	16 03 34.6 -0.1
U34A	Anderson Ranch	37.12 326	P	P	16 03 34.7 -0.1
U34A	Anderson Ranch	37.12 326	eP		16 03 32.5 -2.3
Z30A	Sanderson Ranc	37.14 319	P	P	16 03 34.1 0.0
W32A	Sentinel	37.17 323	P	P	16 03 35.5 +0.3
129A	Stewart Farms,	37.22 318	P	P	16 03 36.3 +0.5
X31A	McDonald Ranch	37.28 322	P	P	16 03 36.2 0.0
T34A	McClaskey Farm	37.36 327	P	P	16 03 36.4 -0.4
Y30A	Stafford Catti	37.36 320	P	P	16 03 37.3 +0.3
S35A	Otter Creek Ra	37.40 329	P	P	16 03 36.8 -0.3
Q37A	Longview Farm,	37.41 332	P	P	16 03 37.1 -0.1
Z29A	Hungry Hill Ra	37.50 319	P	P	16 03 38.3 +0.2
128A	Castleberry Fa	37.63 317	P	P	16 03 39.3 +0.4
W31A	Holland Ranch,	37.63 323	P	P	16 03 39.0 -0.2
X30A	Coker Ranch, T	37.72 321	P	P	16 03 40.4 +0.5
R35A	Emporia Municip	37.83 330	P	P	16 03 40.3 -0.4
Q36A	Arnold C. Orve	37.96 331	P	P	16 03 43.9 +2.1
Z28A	Tucker Farm, M	37.97 318	P	P	16 03 42.2 +0.1
T33A	Patterson Ranc	37.98 326	P	P	16 03 41.8 -0.2
Q35A	Mercer Eighty,	38.16 330	P	P	16 03 43.2 -0.3
Y28A	McKinney Farm,	38.26 319	P	P	16 03 44.4 -0.1
R34A	Isabella, Hill	38.34 329	P	P	16 03 44.9 -0.1
P36A	Good Intent, A	38.36 332	P	P	16 03 44.6 -0.5
AMTX	Amarillo	38.51 321	P	P	16 03 47.1 +0.5
AMTX	Amarillo	38.51 321	eP		16 03 46.7 +0.1
MSTX	Muleshoe	38.64 319	eP		16 03 47.7 +0.1
MSTX	Muleshoe	38.64 319	eP		16 03 47.2 -0.4
V29A	Stinnett	39.05 322	P	P	16 03 51.9 +0.9
P34A	Walnut Farm, R	39.08 330	P	P	16 03 50.8 -0.4
JFWS	Jewell Farm	39.12 340	eP		16 03 51.1 -0.3
MNTX	Cornudas Mount	39.13 314	P	P	16 03 52.1 +0.4
MNTX	Cornudas Mount	39.13 314	eP		16 03 51.7 0.0
Q33A	Connelly Farm,	39.17 329	P	P	16 03 52.5 +0.5
Q34A	Humboldt	39.20 332	P	P	16 03 53.9 +1.7
O35A	Beatrice	39.51 331	P	P	16 03 54.4 -0.3
Q32A	Meitler Ranch,	39.54 328	P	P	16 03 54.8 -0.2
S30A	Montezuma	39.62 325	P	P	16 03 55.6 -0.1
S29A	Ulysses	39.98 324	P	P	16 03 59.0 +0.3
CBKS	Cedar Bluff	40.04 327	P	P	16 03 59.0 -0.1
M35A	Neola	40.06 333	P	P	16 03 59.0 -0.2
S28A	Mantler	40.41 324	P	P	16 04 02.9 +0.6
T27A	Campo	40.56 322	P	P	16 04 03.8 +0.2
L34A	Svendsen Farm,	40.76 333	P	P	16 04 04.6 -0.4
R28A	Tribune	40.87 325	P	P	16 04 06.2 +0.2
K35A	Storm Lake	40.87 335	P	P	16 04 05.5 -0.4
T26A	Comanche Natio	41.16 322	P	P	16 04 09.0 +0.5
121A	Cookes Peak, D	41.30 313	P	P	16 04 11.4 +1.6
S26A	Kim	41.37 322	P	P	16 04 11.0 +0.8
Q28A	Sharon Springs	41.38 325	P	P	16 04 10.6 +0.4
J35A	Milford	41.39 335	P	P	16 04 10.2 +0.1
R27A	Eads	41.41 324	P	P	16 04 10.7 +0.3
J34A	Grinde	41.64 335	P	P	16 04 12.4 +0.3
T25A	Trinidad	41.65 321	P	P	16 04 12.9 +0.4
ANMO	Albuquerque	41.67 317	eP		16 04 13.7 +0.9
R26A	Arlington	41.80 323	P	P	16 04 13.9 +0.3
K32A	Verdigre	42.04 332	P	P	16 04 15.1 -0.3
J33A	Davis	42.10 334	P	P	16 04 16.0 +0.1
Q26A	Hugo	42.25 324	P	P	16 04 18.2 +0.8
ECSD	EROS Data Cent	42.28 334	P	P	16 04 17.2 -0.2
K31A	O'Neill	42.38 332	P	P	16 04 18.8 +0.7
J32A	Parkston	42.54 333	P	P	16 04 19.3 -0.1
SDCO	Great Sand Dun	42.70 321	P	P	16 04 22.2 +1.0
SDCO	Great Sand Dun	42.70 321	eP		16 04 22.1 +0.9
L29A	Maesberg Ranch	42.80 330	P	P	16 04 21.1 -0.4
K30A	Basset	42.83 331	P	P	16 04 21.2 -0.6
F36A	Milaca	42.84 339	P	P	16 04 21.8 0.0
F35A	Swanville	43.22 338	P	P	16 04 25.1 +0.3
Q24A	Divide	43.25 323	P	P	16 04 25.7 +0.2
H32A	Carlson Farm,	43.26 334	P	P	16 04 25.2 0.0
L28A	Conneally Angus	43.28 329	P	P	16 04 25.4 -0.2
TUC	Tucson	43.41 311	eP		16 04 27.3 +0.7
S22A	4UR Ranch, Cre	43.54 320	P	P	16 04 28.7 +0.8
S22A	4UR Ranch, Cre	43.54 320	eP		16 04 28.7 +0.8

D37A	Cotton	43.59 341	P	P	16 04 27.9 +0.1
H31A	Wolsey	43.69 334	P	P	16 04 28.3 -0.3
J29A	Okemok	43.72 331	P	P	16 04 28.6 -0.3
C38A	Sawbill Land.	43.72 342	P	P	16 04 29.0 +0.2
D36A	Goodland	43.85 340	P	P	16 04 30.0 +0.1
F33A	5 Mile Ranch,	43.87 336	P	P	16 04 30.0 0.0
SUSD	South Dakota S	43.88 333	P	P	16 04 29.9 -0.2
EYMN	Ely	43.99 342	P	P	16 04 31.0 0.0
EYMN	Ely	43.99 342	eP		16 04 30.7 -0.3
E34A	Wadena	44.00 338	P	P	16 04 31.1 +0.1
C37A	Embarrass	44.02 341	P	P	16 04 31.6 +0.4
ISCO	Idaho Springs	44.06 323	P	P	16 04 32.7 +0.7
ISCO	Idaho Springs	44.06 323	eP		16 04 33.1 +1.1
D35A	Remer	44.07 339	P	P	16 04 31.8 +0.1
J28A	Allard Ranch,	44.18 330	P	P	16 04 32.2 -0.3
C36A	Pine Crest Far	44.25 341	P	P	16 04 33.5 +0.4
MVCO	Mesa Verde	44.31 318	eP		16 04 34.5 +0.5
D34A	Park Rapids	44.49 338	P	P	16 04 34.8 -0.2
G30A	Faulton	44.49 334	P	P	16 04 35.0 0.0
I28A	Midland	44.57 331	P	P	16 04 35.1 -0.5
H29A	Onida	44.59 332	P	P	16 04 35.4 -0.4
D33A	AnnSam, Waubun	44.78 338	P	P	16 04 37.6 +0.4
PV01	Paradox Valley	44.88 319	eP		16 04 39.2 +0.7
G29A	Hoven	44.89 333	P	P	16 04 37.9 -0.3
N23A	Red Feather La	44.95 324	P	P	16 04 39.8 +0.7
N23A	Red Feather La	44.95 324	eP		16 04 40.5 +1.4
F30A	Leola	45.00 334	P	P	16 04 39.0 0.0
J26A	Sides Ranch, S	45.02 329	P	P	16 04 39.9 +0.6
I27A	Quinn	45.05 330	P	P	16 04 39.7 +0.2
G28A	Parade	45.26 332	P	P	16 04 41.1 0.0
WUAZ	Wupatki	45.38 315	P	P	16 04 43.3 +1.0
WUAZ	Wupatki	45.38 315	eP		16 04 42.2 -0.2
I26A	New Underwood	45.42 330	P	P	16 04 42.2 -0.3
B34A	Aery, Baudette	45.49 340	P	P	16 04 42.7 -0.1
H26A	Fairport	45.80 330	P	P	16 04 45.1 -0.4
I25A	Rochford	45.86 329	P	P	16 04 45.9 -0.1
D30A	Buchanan	45.89 336	P	P	16 04 46.1 +0.1
G27A	Dupree	45.96 332	P	P	16 04 46.8 +0.2
B32A	Ashes, Strandq	46.08 338	P	P	16 04 48.0 +0.6
RSSD	Black Hills	46.08 329	P	P	16 04 48.6 +0.8
G26A	Maurine	46.21 331	P	P	16 04 48.8 -0.3
C30A	Mose, Pekin	46.26 336	P	P	16 04 48.8 -0.1
E28A	Huff	46.30 334	P	P	16 04 49.2 0.0
SRU	San Rafael	46.70 319	eP		16 04 53.4 +0.7
D28A	Regan	46.72 334	P	P	16 04 52.6 +0.1
E26A	Carlson Angus	47.02 332	P	P	16 04 55.0 +0.1
A30A	Hoffart Farm,	47.19 337	P	P	16 04 55.9 -0.2
ULM	Lac du Bonnet	47.41 340	P	P	16 04 57.3 -0.4
D26A	Manning	47.42 333	P	P	16 04 58.4 +0.4
MSU	Marysvale	47.46 318	eP		16 04 59.7 +1.1
E25A	Miller Ranch,	47.48 332	P	P	16 04 58.7 +0.3
IRM	Iron Mountain	47.50 311	P	P	16 04 59.5 +0.7
C27A	Saylor Ranch,	47.53 334	P	P	16 04 59.2 +0.4
B28A	Dugan Ranch, T	47.62 336	P	P	16 04 59.9 +0.5
C26A	Wahner Farm, P	47.87 334	P	P	16 05 01.8 +0.5
D25A	Fairfield	47.92 332	P	P	16 05 02.2 +0.4
A28A	Rudie Farm, Bot	47.94 336	P	P	16 05 02.4 +0.5
MONP	Monument Peak	47.95 309	P	P	16 05 04.3 +1.8
RCJ	Rees Creek	48.14 321	eP		16 05 07.2 +3.4
SCHO	Schefferville	48.22 5	P	P	16 05 03.4 -0.5
SCHO	Schefferville	48.22 5	LR		16 27 24.1
BW06	Butler Array	48.23 324	eP		16 05 03.3 -1.1
PFO	Pinyon Flat Ob	48.26 310	P	P	16 05 06.0 +1.2
TCUT	Toone Canyon	48.38 321	eP		16 05 06.4 +0.7
TUQ	Turquoise Moun	48.63 312	P	P	16 05 08.1 +0.6
B25A	Knox Farm, Ray	48.68 333	P	P	16 05 08.2 +1.3
HWUT	Hardway Ranch	48.75 322	P	P	16 05 08.4 0.0
DUG	Dugway	48.77 319	P	P	16 05 09.6 +1.1
DUG	Dugway	48.77 319	eP		16 05 07.2 -1.3
LAO	LASA Array	48.98 330	P	P	16 05 11.3 +1.4
A25A	Svangstu Ranch	49.16 334	P	P	16 05 11.8 +0.6
GSC	Goldstone	49.22 312	P	P	16 05 12.7 +0.7
GSC	Goldstone	49.22 312	eP		16 05 12.7 +0.7
DGMT	Dagmar	49.29 333	P	P	16 05 13.0 +0.8
DGMT	Dagmar	49.29 333	eP		16 05 13.0 +0.8
BGU	Big Grassy Mou	49.30 320	eP		16 05 12.7 +0.2
REDW	Red Top Meadow	49.34 324	eP		16 05 13.4 +0.4
LOHW	Long Hollow	49.35 324	eP		16 05 13.5 +0.6
TPAW	Teton Pass	49.48 324	eP		16 05 14.5 +0.5
MOOW	Moose Ponds	49.51 324	eP		16 05 14.5 +0.3
TPNV	Topopah Spring	49.53 314	P	P	16 05 15.7 +1.3
TPNV	Topopah Spring	49.53 314	eP		16 05 15.5 +1.1
RLMT	Red Lodge	49.53 327	P	P	16 05 14.3 0.0
HVU	Hansel Valley	49.60 321	eP		16 05 15.4 +0.6
FXWY	Four Creeks	49.61 324	eP		16 05 15.4 +0.4

2010 SEP

30d 18h

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like APE, MHLO, BODT, BDRM, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like EIL, TR2, ASF, ASC, CUC, HDK1, etc.

1486

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like IPIL, CGP, CTBH, etc.

CSEM 30 18:08:02.1, 39:47N-29:78W, h10km, ML3.9
PDA 30 18:08:02.1, 1, 39:47N-29:78W, h10km, MD3.6, ML3.9, Error ellipse: s-maj=7.6km s-min=2.5km az=27.0, Azores Islands

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res. Includes stations like H07N1, H07S1, H07S1, etc.

NEIC 30 18:15:47.8, 37:15N-117:40W, h10km, ML3.3(REN), After REN.
ISC 30 18:15:47.5, 1, 37:18N-117:38W-0.02, h7km, 9km, n35, e1912/44, California-Nevada border region

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res. Includes stations like GRAC, TIN, FURC, etc.

MAN 30 17:59:41, 8:44N x 123:48E, h21km, mb4.3, ML3.1, MS2.9, 1C-1D, Mindanao

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, Phase ID, Time, Res. Includes stations like DCPH, DCPH, PAGZ, etc.

Table with columns: GMRC, Granite Mounta, 2.77 149, Sb, Sb, 18 17 13.2 +1.6, etc.

ISCJB 30 18:20:04.3.0.6, 37.24N, 0.03:140.02E, 0.04, h0km, 5km, mb3.5/4, Error ellipse: s-maj=6.1km s-min=4.1km az=135.6

JMA 30 18:20:04.7, 37.25N, 140.02E, h7km, 1km, M2.9

JMA Felt J1.

IDC 30 18:20:04.5.1.3, 37.28N, 140.11E, h0km, mb3.5/4, mb1 3.7/5, mb1mx3.4/34, mbtmp3.4/5, ML3.2/1, MS2.4/1, Ms1 2.4/1, ms1mx2.2/27, Error ellipse: s-maj=30.5km s-min=15.4km az=153.0

ISC 30 18:20:05.1.2.37, 25N, 0.03:140.03E, 0.03, h2km, 10km, n17, c069/26, mb3.5/4, Eastern Honshu

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

IDC 30 19:00:08.5.3.4, 64.6S, 130.44E, h145km, 44km, mb3.0/1, mb1 3.2/4, mb1mx2.9/44, mbtmp3.6/4, Error ellipse: s-maj=76.0km s-min=23.5km az=80.0, Banda Sea

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

DDA 30 19:04:58.5, 39.38N, 33.22E, h32km, MD2.8

ISK 30 19:04:58.7, 39.27N, 33.25E, h6km, MD2.8

ISCJB 30 19:04:59.3, 0.5, 39.28N, 0.03:33.26E, 0.04, h7km, 6km, Error ellipse: s-maj=6.1km s-min=4.8km az=25.0

CSEM 30 19:04:59.0, 0.2, 39.28N, 33.24E, h10km, MD2.8, Error ellipse: s-maj=4.4km s-min=3.6km az=13.0

ISC 30 19:04:59.2, 1.1, 39.29N, 0.03:33.26E, 0.02, h14km, 12km, n20, c052/32, Turkey

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

IDC 30 19:11:11.1, 5.2, 54.29N, 163.75W, h0km, mb3.9/9, mb1 3.9/11, mb1mx3.6/64, mbtmp3.9/11, ML3.4/2, Error ellipse: s-maj=127.6km s-min=24.2km az=159.0

ISCJB 30 19:11:12.9, 0.8, 53.75N, 0.07:163.39W, 0.07, h54km, 6km, mb3.9/9, Error ellipse: s-maj=12.2km s-min=4.6km az=155.4

NEIC 30 19:11:14.5, 53.76N, 163.43W, h28km, ML3.3(AEIC), After AEC

ISC 30 19:11:13.8, 1.6, 53.78N, 0.09:163.38W, 0.05, h44km, 14km, n40, c088/49, mb3.9/9, Unimak Island region

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

NNC 30 19:12:38.2, 1.5, 47.33N, 80.05E, h0km, mb3.4, mpv3.1, SC-2D, Error ellipse: s-maj=17.0km s-min=7.3km az=47.0, Eastern Kazakhstan

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

NIED 30 19:14:00, 44.40N, 148.00E, h101km, Mw3.8 Best double couple: M6.34000, 1014 NP1=180, 00000, d37.00000, lambda=20.00000, NP2=286.00000, d78.00000, lambda=125.00000

ISCJB 30 19:14:13.6, 0.4, 44.92N, 0.05:148.00E, 0.07, h100km, mb4.1/26, Error ellipse: s-maj=9.7km s-min=3.5km az=135.9

MOS 30 19:14:15.3, 1.1, 44.94N, 147.87E, h118km, mb4.5/5, Error ellipse: s-maj=11.9km s-min=7.4km az=72.1

BUI 30 19:14:16.8, 44.90N, 147.80E, h129km, mb4.4/3, mb4.5/2

IDC 30 19:14:17.1, 2.1, 44.82N, 147.82E, h128km, mb3.8/22, mb1 3.9/27, mb1mx3.7/59, mbtmp4.2/7, MS2.8/2, Ms1 2.9/2, ms1mx2.5/33, Error ellipse: s-maj=15.6km s-min=11.1km az=135.0

NEIC 30 19:14:17.0, 0.9, 44.85N, 148.01E, h125km, 8km, mb4.3/3, Error ellipse: s-maj=12.3km s-min=6.8km az=142.0

SKHL 30 19:14:17.2, 0.8, 44.88N, 147.88E, h125km, 5km, mb5.0/4, msh5.7/3

JMA 30 19:14:18.5, 0.5, 44.39N, 148.04E, h109km, M4.5

ISC 30 19:14:19.0, 0.6, 44.90N, 0.07:147.94E, 0.07, h100km, n100, c159/84, mb4.3/26, 4C-7D, Kuril Islands

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

YUK comp=N, 88nm, 0.2s

YUK comp=E, 75nm, 0.2s

YUK comp=Z, 1um, 0.2s

YUK comp=N, 981nm, 0.4s

YUK comp=E, 3um, 0.4s

YUK comp=N, 981nm, 0.4s

Table with columns: YUK, comp=E, 80nm, 0.4s, AMB, AMB, 19 14 47.6, etc.

Table with columns: YUK, comp=E, 1um, 0.4s, i, S, Sn, 19 15 09.3 +3.4, etc.

Table with columns: YUK, comp=Z, 38nm, 1.6s, MLR, MLR, 19 16 29.0 -0.4, etc.

Table with columns: YUK, comp=Z, 2.1nm, 19.6s, baz=60, slow=37, USSuriysk Arr, 11.47272 P, 19 16 56.8 +2.2, etc.

Table with columns: YUK, comp=Z, 2.0nm, 0.5s, baz=80, slow=8.6, SNR=22, INK Inuvik, 45.13 31 P, 19 22 20.9 +0.1, etc.

YUK comp=N, 88nm, 0.2s

YUK comp=E, 75nm, 0.2s

YUK comp=Z, 1um, 0.2s

YUK comp=N, 981nm, 0.4s

YUK comp=E, 3um, 0.4s

YUK comp=N, 981nm, 0.4s

30d 19h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Dobruska-Polom, MORC, CLL, BRTR, PRU, EKA, NKC, KNC, KHC, GERES.

ISCBJ 30 19:15:35.6:0.9,74.48N:0.04:9.8E:0.3,h10km,mb3.3/1, MS3.0/6, Error ellipse: s-maj=10.2km s-min=5.7km az=179.6

Main table for 30d 19h section, listing station codes (BJO1, SPA0, HSPB, etc.), station names, coordinates, and observation details.

NIED 30 19:55:00.24:80N:121.80E,h101km,Mw4.3 Best double couple: M=2.80000e+15 N1P1=2.60000e+15, delta 1.70000e+15, lambda 1.340000e+15. NP2=2.1620000e+15, delta 1.780000e+15.

2010 SEP

s-maj=9.4km s-min=6.7km az=125.0 NEIC Recorded [2 TAP] in Hlan and Miao-li; [1 TAP] in Hua-lien, Tai-chung and T'ao-yuan. ISCBJ 30 19:55:59.2:0.2,24.86N:0.02:121.87E:0.02, h105km,1km,mb4.2/25, Error ellipse: s-maj=3.4km s-min=2.0km az=156.4

Main table for 2010 SEP section, listing station codes (ILA, TWTB1, TWE, etc.), station names, coordinates, and observation details.

1488

Main table for 1488 section, listing station codes (IRIF, CHKT, CHKT, etc.), station names, coordinates, and observation details.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like KSCWO Cheorwon, KSDGY Daegwallycong, KSJJA Inje, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like WEL 30 19:59:09.7, CRLZ Canterbury Las, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like JCZ Wanaka, WKZ Earnsclough, etc.

ISCJB 30 20:01:02.8, 0.5, 39.97N, 170.02:27.77E, 0.03, h4km, 5km, Error ellipse: s-maj=2.2km s-min=3.5km az=40.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like GONE Gonen-Balikesi, BALB Balikesir, etc.

ISC 30 20:05:40.6, 1.0, 13.88N, 92.90E, h0km, mb3.9/9, mb1 4.0/9, mb1mx3.7/42, mbtmp3.9/9, ML2.7/1, MS3.0/2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, ISC. Includes stations like CMAR Chiang Mai Arr, PSI Prapa, etc.

ISCJB 30 20:07:43.5, 0.7, 57.46S, 101.147:9W, 0.3, h10km, mb4.2/8, MS4.5/15, Error ellipse: s-maj=19.9km

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

ISC 30 20:17:13.3, 2.0, 5.13S, 182.82E, h0km, mb3.5/3, mb1 3.8/4, mb1mx3.5/29, mbtmp3.6/4, ML1.4/1, MS2.7/1, etc.

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

ISC 30 20:22:39.1, 1.8, 5.25N, 125.84E, h0km, mb3.5/3, mb1 3.7/4, mb1mx3.3/32, mbtmp3.5/4, ML3.6/1, Error ellipse: s-maj=11.5km s-min=26.2km az=61.0

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

comp=N,504nm,0.4s

IDC 30 21:47:15.3±1.1, 1°10'N-97°08'E, h0km, mb4.1/11
mb1 4.2/13, mb1mx3.9/49, mbtmp4.1/13, ML3.8/2, MS3.3/5,
Ms1 3.4/5, ms1mx3.0/47, Error ellipse: s-maj=30.9km
s-min=17.8km az=50.0

DJA 30 21:47:17.0±0.4, 1°N-2°9'E, h10km, M4.4/21, mb4.5/9,
mb5.0/3, MLV4.3/21, Mw(mb)4.4/3

ISCJB 30 21:47:17.0±0.4, 1°04'N-0°47'07"E, 0.04, h25km,
mb4.2/15, MS3.5/3, Error ellipse: s-maj=6.7km
s-min=4.1km az=136.9

BUI 30 21:47:18.0, 1°07'N-97°26'E, h31km, mb4.6/13, mb5.0/6,
Ms4.3/1, Ms7 4.0/1

KLM 30 21:47:20.9, 1°08'N-97°14'E, h35km, mb4.2, ML3.9
NEIC 30 21:47:21.3±0.9, 1°18'N-97°22'E, h36km, mb4.3/5,
BKN1 Error ellipse: s-maj=10.6km s-min=8.5km az=224.0

ISC 30 21:47:19.4±0.3, 1°08'N-0°05'37"E, 0.05, h25km, n73,
c1507/74, mb4.3/15, MS3.5/3, 2C-2D, Northern Sumatra

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

0.2nm, 0.5s, baz=103, slow=5.8, SNR=4.5

ISCJB 30 22:03:59.6±0.4, 24°35'N-102°04'12"E, 0.02, h54km, 6km,
Error ellipse: s-maj=6.2km s-min=2.8km az=176.4
JMA 30 22:03:59.5±0.1, 24°37'N-122°81'E, h58km, 2km, M2.7
TAP 30 22:04:00.3, 24°37'N-122°76'E, h56km, ML3.5, D
ISC 30 22:04:00.1±1.2, 24°35'N-102°23'E, 0.02, h52km, 9km,
n44, c1501/76, 1C-1D, Taiwan region

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

DDA 30 22:39:44.3, 37°53'N-35°59'E, h7km, MD2.7
ISK 30 22:39:45.0, 37°53'N-35°63'E, h8km, MD2.5
CSEM 30 22:39:45.0, 1.1, 37°55'N-35°69'E, h12km, MD2.5, Error
ellipse: s-maj=4.6km s-min=3.3km az=66.0

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

Table with columns: ANDN, Andirir, 0.58 84 i P Pg 22 39 56.2 +0.5
ANDN i S Sg 22 40 06.4 +0.6
ANDN i S Sg 22 39 56.2 -0.5
ANDN i S Sg 22 40 06.4 +0.6
BNN Bunyan 1.35 8 e Pn Pn 22 40 09.9 -0.1
BNN Bunyan 1.35 8 e Pn Pn 22 40 09.9 -0.1
GULA Gulagac 1.37 308 e Pn Pn 22 40 11.4 -0.2
GULA Gulagac 1.37 308 e Pn Pn 22 40 11.4 -0.2

IDC 30 22:51:23.2±0.1, 4°64'S-102°24'E, h0km, mb3.7/5,
mb1 3.8/5, mb1mx3.5/33, mbtmp3.7/5, Error ellipse:
s-maj=176.4km s-min=23.4km az=54.0
DJA 30 22:51:26.4±1.1, 5°S-10°3'E, h22km, 12km, M3.8/7,
MLV3.8/7

ISC 30 22:51:24.9±1.5, 5°18'S-102°51'E, 0.09, h34km, n14,
c1539/14, mb3.7/5, Southern Sumatera

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

IDC 30 23:23:59.8±0.6, 37°26'N-139°97'E, h0km, mb4.4/22,
mb1 4.5/24, mb1mx4.4/36, mbtmp4.4/24, ML3.2/2, MS3.5/16,
Ms1 3.5/16, ms1mx3.3/43, Error ellipse: s-maj=15.6km
s-min=10.1km az=141.0

JMA 30 23:24:00.2, 37°25'N-140°03'E, h33km, 1km, M4.4
Broadband fault plane solution: P waves. NP1:
σ2=0.0000°, δ81.0000°, λ84.0000°. NP2:
σ2=243.0000°, δ11.0000°, λ126.0000°. Principal axes: T Plg53.0000°,
Azm289.0000°; N Plg6.0000°, Azm27.0000°;
P Plg36.0000°, Azm122.0000°;
JMA Felt III J1

ISCJB 30 23:24:00.1±0.6, 37°24'N-103°140'02"E, 0.03, h11km, 3km,
mb4.4/44, MS3.4/13 Error ellipse: s-maj=5.1km
s-min=3.2km az=144.4

NEIC 30 23:24:00.37°30'N-140°00'E, h5km, Mw4.3 Best double
couple: M3.62000°-1015 NP1=10.0000° δ23.0000°
λ83.0000° NP2=198.0000° δ67.0000° λ93.0000°
BUI 30 23:24:01.3, 36°72'N-139°91'E, h33km, mb4.6/12, mb4.7/6,
Ms4.2/3, Ms7 3.8/3

MOS 30 23:24:02.8±0.8, 37°23'N-140°00'E, h33km, mb4.6/16, Error
ellipse: s-maj=9.2km s-min=7.5km az=100.0
NEIC 30 23:24:06.0±0.7, 37°25'N-139°93'E, h43km, 6km, mb4.5/15,
MWV4.3(NIED), Error ellipse: s-maj=8.3km s-min=5.2km
az=139.0

NEIC Recorded [3 JMA] in Fukushima, [2 JMA] in Tochigi and [1
JMA] in Ibaraki, Miyagi, Akiyaka and Yamagata.
ISC 30 23:24:01.2±1.0, 37°25'N-103°140'02"E, 0.03, h10km, 6km,
n122, c1923/124, mb4.4/44, MS3.3/13, 11C-3D, Eastern
Honshu

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

N33A	ScP	ScP	23 43 07.2	0.0	M29A	Burnside Ranch baz=56	56.04 334	P	P	23 39 27.7	+0.5	M25A	baz=58 Wolsey baz=58	57.64 337	P	P	23 39 37.4	-0.6
T26A	Comanche Natio baz=54	54.08 328	P	P	J33A	Davis baz=56,SNR=6.7	56.08 338	P	P	23 39 26.7	-0.7	H31A	baz=58 Paradox Valley baz=58	57.74 325	eP	P	23 39 39.3	+0.3
T26A	baz=54,SNR=12	54.08 331	P	P	J33A	baz=56	56.09 322	P	P	23 39 28.1	+0.3	H31A	baz=58	57.74 325	eP	P	23 39 36.1	-1.5
R28A	Tribune baz=54	54.08 331	P	P	W18A	Petrified Fore baz=56	56.09 322	P	P	23 39 28.0	-0.4	PV05	Paradox Valley baz=58	57.74 325	eP	P	23 39 39.3	+0.3
R28A	baz=54,SNR=5.2	54.11 329	ScP	ScP	K31A	O'Neill baz=56	56.19 336	P	P	23 39 27.8	-0.4	SUSD	South Dakota S baz=58,SNR=9.0	57.80 337	eP	P	23 39 38.6	-0.5
S27A	Las Animas baz=54	54.12 332	P	P	K31A	baz=56	56.19 336	P	P	23 39 27.7	+0.3	SUSD	baz=58	57.80 337	ScP	ScP	23 39 23.4	-0.1
Q29A	Oakley baz=54,SNR=6.2	54.12 332	P	P	S22A	4UR Ranch, Cre baz=56	56.24 326	P	P	23 39 30.0	+1.1	J28A	Allard Ranch, baz=58,SNR=25	57.88 335	P	P	23 39 40.3	+0.6
Q29A	baz=54	54.12 332	ScP	ScP	S22A	4UR Ranch, Cre comp=Z,15nm,0.9s	56.24 326	eP	P	23 39 29.9	+0.9	J28A	baz=58	57.88 335	ScP	ScP	23 39 24.1	+0.2
P30A	Selden baz=54	54.30 333	P	P	Q24A	Divide baz=56	56.24 329	P	P	23 39 29.7	+0.7	PV10	Paradox Valley baz=58	57.91 325	eP	P	23 39 40.6	+0.4
P30A	baz=54	54.30 333	ScP	ScP	OGNE	Ogallala baz=56	56.24 332	P	P	23 39 29.4	+0.7	G32A	Webster baz=58	57.94 338	eP	P	23 39 39.4	-0.6
S26A	Kim baz=54,SNR=11	54.36 329	P	P	OGNE	Ogallala baz=56	56.24 332	P	P	23 39 29.7	+0.7	G32A	baz=58	57.94 338	ScP	ScP	23 39 24.3	+0.2
S26A	baz=54	54.36 329	ScP	ScP	OGNE	Ogallala baz=56	56.24 332	ScP	ScP	23 39 29.7	+0.7	D37A	Cotton baz=58,SNR=15	57.97 343	P	P	23 39 39.6	-0.6
M34A	Aspy Farms, Fr baz=55,SNR=17	54.38 337	P	P	OGNE	Ogallala comp=Z,40nm,0.5s	56.24 332	eP	P	23 39 29.2	+0.5	D37A	baz=58	57.97 343	ScP	ScP	23 39 24.0	-0.2
M34A	baz=55	54.38 337	ScP	ScP	O26A	Horse Wrangler baz=56	56.29 331	P	P	23 39 30.3	+1.2	I29A	Vivian Onida baz=58	57.98 336	P	P	23 39 39.6	-0.7
O31A	Woolen Ranch, baz=55	54.38 334	P	P	O26A	baz=56	56.29 331	ScP	ScP	23 39 28.0	-0.9	F33A	Wile Ranch, baz=58,SNR=11	58.02 340	P	P	23 39 39.5	-0.9
N32A	Stuken Farm, baz=55	54.45 335	P	P	I34A	Hadley baz=56,SNR=6.1	56.30 339	P	P	23 39 18.1	+1.0	F33A	baz=58	58.02 340	ScP	ScP	23 39 24.4	0.0
T25A	Trinidad baz=55,SNR=14	54.49 328	P	P	I34A	baz=56	56.30 339	ScP	ScP	23 39 27.9	-0.9	E35A	Pequot Lakes baz=58,SNR=40	58.02 341	P	P	23 39 39.7	-0.8
T25A	Trinidad comp=Z,20nm,0.8s	54.49 328	eP	P	M28A	Bar X Bar Ranc baz=56,SNR=7.0	56.30 333	P	P	23 39 16.5	-0.3	E35A	baz=58	58.02 341	ScP	ScP	23 39 24.4	0.0
T25A	epP	54.49 328	pP	pP	M28A	baz=56	56.30 333	ScP	ScP	23 39 29.7	+0.6	E35A	baz=58	58.02 341	ScP	ScP	23 39 24.4	0.0
L35A	Bielow Farm, R baz=55,SNR=14	54.51 338	P	P	M28A	EROS Data Cent baz=56,SNR=26	56.31 338	P	P	23 39 17.7	+0.6	GLA	Glamis baz=58	58.05 317	P	P	23 39 41.4	+0.4
L35A	baz=55	54.51 338	ScP	ScP	ECSD	EROS Data Cent baz=56,SNR=26	56.31 338	P	P	23 39 28.0	-0.9	GLA	baz=58	58.05 317	ScP	ScP	23 39 24.7	-0.2
R27A	Eads baz=55	54.53 330	P	P	ECSD	EROS Data Cent comp=Z,64nm,1.3s	56.31 338	eP	P	23 39 16.7	-0.2	PV09	Paradox Valley baz=58	58.05 326	eP	P	23 39 41.6	+0.4
R27A	baz=55	54.53 330	ScP	ScP	ECSD	EROS Data Cent comp=Z,64nm,1.3s	56.31 338	eP	P	23 39 28.0	-0.9	PV09	Paradox Valley baz=58	58.05 326	eP	P	23 39 25.0	-0.2
Q28A	Sharon Springs baz=55	54.66 331	P	P	ECSD	EROS Data Cent comp=Z,64nm,1.3s	56.31 338	eP	P	23 39 17.1	+0.2	J27A	Elkhorn Farm, baz=58	58.07 334	eP	P	23 39 41.0	0.0
Q28A	baz=55	54.66 331	ScP	ScP	SPMN	St. Paul baz=56,SNR=28	56.33 342	eScP	P	23 39 28.0	-0.9	N23A	Red Feather La baz=58	58.09 330	P	P	23 39 42.2	+0.8
P29A	Atwood baz=55	54.66 332	P	P	SPMN	St. Paul baz=56,SNR=28	56.33 342	ScP	ScP	23 39 27.8	-1.3	N23A	Red Feather La comp=Z,8.2nm,1.0s	58.09 330	eP	P	23 39 40.9	-0.5
P29A	baz=55	54.66 332	ScP	ScP	SPMN	St. Paul comp=Z,95nm,1.2s	56.33 342	eP	P	23 39 16.2	-0.7	N23A	baz=58	58.09 330	eScP	P	23 39 26.1	+0.9
M33A	Taylor Creek F baz=55,SNR=6.6	54.68 336	P	P	N27A	Anderson Farm, baz=57	56.37 332	ScP	ScP	23 39 28.0	-1.1	L25A	Engelbretsen Ra baz=58	58.09 332	P	P	23 39 42.3	+1.1
M33A	baz=55	54.68 336	ScP	ScP	L29A	Maesberg Ranch baz=57,SNR=5.5	56.45 334	P	P	23 39 17.8	+0.4	K26A	Motz Farm, Whi baz=58	58.15 333	P	P	23 39 42.0	+0.4
L34A	Svendsen Farm, baz=55,SNR=26	54.70 337	P	P	L29A	baz=57	56.45 334	ScP	ScP	23 39 30.2	+0.2	K26A	baz=58	58.15 333	ScP	ScP	23 39 25.2	0.0
L34A	baz=55,SNR=8.2	54.73 333	P	P	J32A	Parkston baz=57	56.46 337	P	P	23 39 18.0	+0.3	C38A	Savill Land, baz=58,SNR=17	58.16 344	P	P	23 39 40.1	-1.2
O30A	MW Ranch, Wils baz=55,SNR=5.1	54.73 333	P	P	K30A	Basset baz=57,SNR=16	56.48 335	P	P	23 39 29.2	-0.8	C38A	baz=58	58.16 344	ScP	ScP	23 39 24.6	-0.4
O30A	baz=55	54.73 333	ScP	ScP	G36A	St. Michael baz=57,SNR=9.5	56.64 341	P	P	23 39 30.9	+0.1	G31A	Conde baz=58	58.17 338	P	P	23 39 40.6	-0.9
N31A	Bailey Ranch, baz=55,SNR=6.5	54.78 335	P	P	G36A	baz=57	56.64 341	ScP	ScP	23 39 30.2	-0.9	D36A	Goodland baz=58,SNR=22	58.20 343	P	P	23 39 40.8	-0.9
N31A	baz=55	54.78 335	ScP	ScP	I33A	Coleman baz=57,SNR=12	56.64 338	P	P	23 39 18.8	+0.6	D36A	baz=58	58.20 343	ScP	ScP	23 39 25.4	+0.2
R26A	Arlington baz=55,SNR=9.3	54.87 329	P	P	I33A	baz=57	56.64 338	ScP	ScP	23 39 17.4	-0.9	E34A	Wadena baz=58,SNR=13	58.23 341	P	P	23 39 41.3	-0.6
R26A	baz=55	54.87 329	ScP	ScP	N26A	Koester Ranch, baz=57	56.71 331	P	P	23 39 30.7	-0.5	DRLN	Deer Lake comp=Z,232nm,0.7s	58.24 11	eP	P	23 39 41.9	0.0
TUC	Tucson comp=Z,23nm,1.0s	54.91 319	eP	P	J31A	Geddes baz=57	56.74 336	P	P	23 39 17.8	-0.6	Y12C	Blythe baz=58	58.26 318	P	P	23 39 43.2	+0.8
TUC	comp=Z,23nm,1.0s	54.91 319	eP	P	J31A	baz=57	56.74 336	ScP	ScP	23 39 32.6	+0.7	I28A	Midland baz=58	58.32 335	P	P	23 39 26.1	+0.3
TUC	epCp	54.91 319	pCp	pCp	MVCO	Mesa Verde baz=57	56.79 325	P	P	23 39 31.2	-0.7	I28A	baz=58	58.32 335	ScP	ScP	23 39 42.3	-0.2
LC	epCp	54.91 319	ScP	ScP	MVCO	Mesa Verde baz=57	56.79 325	ScP	ScP	23 39 19.0	+0.2	PDMCI	Parker Dam,Lak baz=58	58.34 319	P	P	23 39 26.1	+0.2
K35A	Storm Lake baz=55	54.92 339	P	P	MVCO	Mesa Verde comp=Z,29nm,0.8s	56.79 325	eP	P	23 39 33.5	+0.8	PDMCI	baz=58	58.34 319	ScP	ScP	23 39 43.0	-0.1
BGNE	Belgrade baz=55,SNR=6.8	54.93 336	P	P	MVCO	baz=57	56.79 325	eP	P	23 39 30.0	+0.5	D35A	Remer baz=58,SNR=37	58.38 342	P	P	23 39 41.8	-1.1
BGNE	Belgrade comp=Z,252nm,0.9s	54.93 336	eP	P	H34A	Spellman Lake, baz=57,SNR=57	56.81 339	P	P	23 39 33.5	+0.8	D35A	baz=58	58.38 342	ScP	ScP	23 39 25.5	-0.5
KSCO	Kaye Shedlock' baz=55	55.00 330	P	P	H34A	baz=57,SNR=5.5	56.81 339	ScP	ScP	23 39 20.3	-0.3	K25A	Mack Ranch, Ha baz=59	58.40 332	P	P	23 39 44.1	+0.8
KSCO	baz=55	55.00 330	ScP	ScP	G35A	Watkins baz=57,SNR=15	56.86 341	P	P	23 39 31.6	-0.7	K25A	Embarrass baz=59,SNR=41	58.42 344	P	P	23 39 26.7	+0.4
KSCO	Kaye Shedlock' comp=Z,42nm,1.3s	55.00 330	eP	P	M27A	Reverse DX Ran baz=57	56.87 332	ScP	ScP	23 39 32.1	-0.6	C37A	baz=59	58.42 344	ScP	ScP	23 39 42.4	-0.8
KSCO	baz=55	55.00 330	ScP	ScP	I32A	Karley and Nic baz=57,SNR=16	56.87 338	P	P	23 39 19.8	+0.2	C37A	baz=59	58.42 344	ScP	ScP	23 39 26.1	0.0
Q29A	4D Ranch, Culb baz=55	55.02 333	P	P	K29A	Laz Traite An baz=57,SNR=11	56.95 335	P	P	23 39 32.3	-0.5	EYMN	Ely baz=59,SNR=31	58.43 344	P	P	23 39 41.9	-1.3
P28A	Saint Francis baz=55	55.02 331	P	P	PMSA	Palmer Station comp=Z,10nm,0.5s,baz=14,slow=4.9,SNR=6.1	56.97 176	P	P	23 39 33.4	0.0	H29A	Onida baz=58	58.44 336	P	P	23 39 41.3	-0.3
P28A	baz=55	55.02 331	ScP	ScP	J30A	Dallas baz=57,SNR=6.9	57.07 336	P	P	23 39 20.4	+0.5	H29A	baz=58	58.44 336	ScP	ScP	23 39 26.4	+0.1
K34A	Le Mars baz=55,SNR=9.0	55.21 338	P	P	J30A	baz=57	57.07 336	ScP	ScP	23 39 34.5	+1.5	G30A	Faulkton baz=58	58.45 337	P	P	23 39 42.7	-0.7
K34A	baz=55	55.21 338	ScP	ScP	ISCO	Idaho Springs comp=Z,11nm,0.8s	57.10 329	eP	P	23 39 33.9	-0.3	G30A	baz=58	58.45 337	ScP	ScP	23 39 26.5	+0.2
M31A	Lambtech Ranc baz=55,SNR=10	55.22 335	P	P	ISCO	Idaho Springs baz=57	57.10 329	P	P	23 39 35.5	+0.7	E33A	Westby DABS, E baz=59	58.50 340	P	P	23 39 42.7	-1.0
M31A	baz=55	55.22 335	ScP	ScP	ISCO	Idaho Springs comp=Z,11nm,0.8s	57.10 329	P	P	23 39 35.5	+0.7	E33A	baz=59	58.50 340	ScP	ScP	23 39 26.3	-0.2
N30A	Hueftle Ranch, baz=56	55.25 334	P	P	ISCO	Idaho Springs comp=Z,11nm,0.8s	57.10 329	eP	P	23 39 35.6	+0.8	J26A	Sides Ranch, S baz=59	58.59 333	P	P	23 39 45.5	+1.0
N30A	baz=56	55.25 334	ScP	ScP	F36A	Milaca baz=57,SNR=26	5											

I26A	baz=59	ScP	ScP	23 43 29.1	-0.1	
G28A	Parade	59.10 336	P	P	23 39 48.1 +0.4	
G28A	baz=59	ScP	ScP	23 43 29.9	+0.7	
E31A	Nome	59.19 339	P	P	23 39 48.0 -0.3	
E31A	baz=59	ScP	ScP	23 43 29.8	+0.2	
H27A	Hoves	59.22 335	P	P	23 39 48.5 -0.1	
H27A	baz=59	ScP	ScP	23 43 29.7	-0.1	
SRU	San Rafael	59.26 325	eP	P	23 39 49.7 +0.6	
SRU	comp=Z,21nm,0.6s	San Rafael	eP	Pmax		
SRU	comp=Z,21nm,0.6s	59.26 325	eP	P	23 39 49.7 +0.6	
SRU	F29A	Eureka	59.30 337	eScP	ScP	23 43 30.8 +0.5
F29A	baz=60	ScP	ScP	23 39 48.9	-0.2	
D32A	Dogwood Acres,	59.39 340	P	P	23 39 49.0 -0.6	
BELO	Belle Mtn. Jos	59.40 317	P	P	23 39 50.5 +0.4	
BELO	baz=60	ScP	ScP	23 43 30.4	-0.6	
I25A	Rochford	59.44 333	P	P	23 39 51.5 +1.2	
I25A	baz=60	ScP	ScP	23 43 30.9	-0.1	
LDFC	Landfair	59.45 319	eP	P	23 39 51.7 +1.3	
LDFC	comp=Z,26nm,0.6s	eP	pP	23 41 50.9 +0.8		
LDFC	eScP	ScP	ScP	23 43 31.4 +0.2		
P18A	Preston Nutter	59.45 326	eP	P	23 39 51.3 +0.7	
P18A	comp=Z,15nm,0.8s	eScP	ScP	23 43 32.3 +0.9		
P18A	baz=60,SNR=6.6	P	ScP	23 39 51.4 +0.7		
PFO	ScP	ScP	ScP	23 43 30.4	-0.9	
H26A	Fairpoint	59.50 334	P	P	23 39 50.4	0.0
H26A	baz=60	ScP	ScP	23 43 31.9	+0.8	
109C	Camp Elliot, M	59.51 316	P	P	23 39 51.7 +1.0	
E30A	Jud	59.52 338	P	P	23 39 50.4 -0.1	
E30A	baz=60	ScP	ScP	23 43 30.4	-0.7	
C33A	Trail	59.52 341	P	P	23 39 49.5 -1.0	
D31A	McClaffin, Tow	59.56 339	P	P	23 39 50.4 -0.3	
D31A	baz=60	ScP	ScP	23 43 31.3	+0.1	
P17A	Butcher Ranch,	59.62 325	eP	P	23 39 52.1 +0.6	
P17A	comp=Z,20nm,0.6s	eScP	ScP	23 43 30.6 -1.3		
GMRC	Granite Mounta	59.63 318	P	P	23 39 52.7 +1.1	
GMRC	baz=60	ScP	ScP	23 43 31.7	-0.3	
RSSD	Black Hills	59.66 333	eP	Pmax	23 39 52.5 +0.8	
RSSD	comp=Z,35nm,1.1s	eP	P	23 39 52.5 +0.8		
RSSD	comp=Z,35nm,1.1s	eScP	ScP	23 43 28.4 -3.6		
F28A	McLaughlin	59.69 337	P	P	23 39 52.1 +0.5	
F28A	baz=60	ScP	ScP	23 43 32.2	+0.3	
K22A	Casper	59.69 331	P	P	23 39 52.3 +0.4	
K22A	baz=60	ScP	ScP	23 43 32.5	+0.3	
K22A	comp=Z,20nm,0.9s	eP	P	23 39 52.6	+0.7	
K22A	eP	P	P	23 40 29.7 -1.0		
K22A	eScP	ScP	ScP	23 43 32.2	0.0	
G27A	Dupree	59.76 335	P	P	23 39 52.5 +0.3	
G27A	baz=60	ScP	ScP	23 43 32.3	+0.1	
G27A	comp=Z,42nm,0.6s	eP	P	23 39 53.2 +0.5		
TMUT	Trail Mountain	59.77 325	eP	P	23 40 30.9 -0.3	
TMUT	comp=Z,42nm,0.6s	eP	P	23 43 32.2 -0.6		
TMUT	eP	P	P	23 39 53.8 +1.0		
MSU	Marysvale	59.81 324	eP	P	23 40 31.2	-0.2
MSU	baz=60	eP	P	23 39 53.8 +1.0		
MSU	comp=Z,31nm,0.8s	eP	P	23 40 31.1 -0.2		
MSU	eScP	ScP	ScP	23 43 33.6 +0.7		
B34A	Aery, Baudette	59.82 342	P	P	23 39 51.8 -0.6	
B34A	baz=60	ScP	ScP	23 43 32.1	-0.3	
E29A	Napoleon	59.84 338	P	P	23 43 32.7	0.0
E29A	baz=60	ScP	ScP	23 43 32.2	-0.3	
H25A	Fruitdale	59.86 334	P	P	23 39 52.9 +0.1	
H25A	baz=60	ScP	ScP	23 43 32.7	0.0	
CCUT	Cedar City	59.89 322	eP	P	23 39 54.9 +1.5	
CCUT	comp=Z,14nm,0.9s	eScP	ScP	23 43 32.7 -0.5		
G26A	Maurine	59.97 335	P	P	23 39 53.5	0.0
G26A	baz=60	ScP	ScP	23 43 33.1	-0.1	
D30A	Buchanan	59.97 339	P	P	23 39 53.5 +0.1	
D30A	baz=60	ScP	ScP	23 43 32.8	-0.2	
MURC	Murieta	59.98 316	P	P	23 39 53.9 +0.1	
MURC	baz=60,SNR=7.7	eP	P	23 39 54.6 +0.7		
H07S1	FLORES T-PHASE	60.00 35	eP	P	23 39 53.4 -0.4	
AGMN	Agassiz Nation	60.03 341	P	P	23 43 32.9 -0.4	
AGMN	baz=60	eP	P	23 39 53.0 -0.7		
AGMN	comp=Z,70nm,0.8s	eScP	ScP	23 43 33.4 +0.1		
HEC	Hector,Ludlow	60.10 318	P	P	23 39 56.0 +1.3	
HEC	baz=60	ScP	ScP	23 43 33.1	-1.0	
BBRC	Big Bear Solar	60.17 317	P	P	23 39 56.3 +1.0	
F27A	Lemmon	60.20 336	P	P	23 39 55.4 +0.3	
F27A	baz=60	ScP	ScP	23 43 34.3	+0.2	
TUQ	Turquoise Moun	60.20 319	P	P	23 39 56.6 +1.2	
TUQ	baz=60	ScP	ScP	23 43 34.4	-0.1	
C31A	Landman Farms,	60.20 340	P	P	23 39 54.6 -0.3	
C31A	baz=60	ScP	ScP	23 43 34.1	+0.1	
G25A	Newell	60.23 334	P	P	23 39 55.5 +0.2	
G25A	baz=60	ScP	ScP	23 43 34.1	-0.3	
D29A	Pettibone, Tap	60.24 338	P	P	23 39 55.4 +0.1	
D29A	baz=60	ScP	ScP	23 43 34.6	+0.4	
E28A	Huff	60.25 337	P	P	23 39 56.1 +0.8	
E28A	baz=60	ScP	ScP	23 43 34.8 +0.5		
B32A	Ashes, Strandq	60.33 341	P	P	23 39 55.1 -0.7	
B32A	baz=60	ScP	ScP	23 43 34.7	+0.1	

SHPR	Sheep Range	60.35 320	eP	P	23 39 57.5 +1.1	
SHPR	SHPR	eP	P	23 40 33.3 -0.2		
SHPR	SHPR	eP	P	23 43 36.1 +0.9		
C30A	Mose, Pekin	60.38 339	P	P	23 39 56.1	0.0
C30A	baz=61	ScP	ScP	23 43 34.5	-0.3	
F26A	Lodgepole	60.45 335	P	P	23 39 57.1 +0.4	
F26A	baz=61	ScP	ScP	23 43 35.3	0.0	
E27A	Carson	60.47 336	P	P	23 39 57.3 +0.6	
E27A	baz=61	ScP	ScP	23 43 36.1 +0.7		
MPU	Maple Canyon	60.50 325	eP	P	23 39 58.1 +0.7	
MPU	comp=Z,12nm,0.7s	eP	P	23 41 56.5 -1.2		
MPU	eScP	P	P	23 43 34.3 -1.5		
MPU	eScP	P	P	23 39 51.5 -6.1		
O16A	Springville	60.55 325	eP	P	23 39 59.1 +1.4	
O16A	comp=Z,10nm,0.6s	P	P	23 39 59.2 +0.8		
SCI	San Clemente I	60.57 315	P	P	23 43 36.0 -0.6	
BFSC	Mount Baldy Ra	60.66 317	P	P	23 43 36.0 -0.6	
BFSC	baz=61,SNR=5.3	ScP	ScP	23 40 00.0 +1.4		
GSC	Goldstone	60.70 318	eP	P	23 42 00.0 +1.0	
GSC	comp=Z,24nm,0.9s	ePP	Pmax	23 40 00.0 +1.0		
GSC	Goldstone	60.70 318	P	P	23 40 00.1 +1.4	
GSC	baz=61	ScP	ScP	23 43 35.9	-0.1	
GSC	Goldstone	60.70 318	eP	P	23 39 60.0 +1.4	
GSC	comp=Z,24nm,0.9s	eP	P	23 41 60.0 +1.0		
GSC	eScP	ScP	ScP	23 43 27.7 -9.0		
NLU	North Lily Min	60.71 325	eP	P	23 39 59.8 +1.0	
NLU	comp=Z,9.9nm,0.7s	eP	P	23 40 39.8 +4.8		
NLU	eP	P	P	23 40 30.3 -1.5		
NLU	eScP	ScP	ScP	23 39 58.6 +0.2		
D28A	Regan	60.71 338	P	P	23 39 57.6 -0.7	
D28A	baz=61	P	P	23 39 59.5 +0.3		
B31A	Greenbush Farm	60.72 340	P	P	23 43 36.7 -0.3	
B31A	baz=61	ScP	ScP	23 39 59.7 +0.3		
F25A	Bowman	60.83 335	P	P	23 39 59.7 +0.3	
F25A	baz=61	ScP	ScP	23 43 36.7 -0.3		
E26A	Carlson Angus	60.86 336	P	P	23 39 59.7 +0.3	
E26A	baz=61	ScP	ScP	23 43 37.0 -0.1		
MDND	Maddock	60.91 339	P	P	23 39 59.9 +0.3	
MDND	baz=61	ScP	ScP	23 43 37.1 -0.1		
MDND	Maddock	60.91 339	eP	P	23 40 00.1 +0.6	
MDND	comp=Z,848nm,1.1s	P	P	23 39 59.6 -0.4		
B30A	Myrick Farm, E	60.97 340	P	P	23 43 36.9 -0.6	
B30A	baz=61	ScP	ScP	23 40 09.9 +0.7		
PCED	Cedros	60.98 37	eP	P	23 40 01.7 +1.3	
PCAN	Candelaria	61.01 38	eP	P	23 40 00.9 +0.6	
PCAN	comp=Z,168nm,1.0s	P	P	23 40 00.9 +0.6		
D27A	Center	61.01 337	P	P	23 43 38.3 +0.6	
D27A	baz=61	ScP	ScP	23 40 02.9 +0.1		
C28A	Hausauer Farms	61.08 338	P	P	23 40 02.4 +1.1	
C28A	baz=61	P	P	23 40 01.9 +0.5		
DECC	Green Verdugo	61.12 316	P	P	23 43 35.7 -3.0	
TCUT	Toone Canyon	61.12 326	eP	P	23 40 03.0 +0.9	
TCUT	comp=Z,32nm,0.7s	eScP	ScP	23 43 38.5 -0.6		
EDW2	Edwards Air Fo	61.25 317	eP	P	23 40 02.5 +0.5	
EDW2	baz=61,SNR=24	ScP	ScP	23 43 39.1 +0.1		
EDW2	baz=61	ScP	ScP	23 40 03.5 +1.1		
E25A	Miller Ranch,	61.27 335	P	P	23 42 00.0 -3.2	
E25A	baz=62	ScP	ScP	23 40 03.4 +1.1		
DUG	Dugway	61.29 325	eP	P	23 43 39.6 +0.3	
DUG	comp=Z,16nm,0.8s	P	P	23 40 03.0 +1.1		
DUG	Dugway	61.29 325	P	P	23 43 39.6 +0.3	
DUG	baz=62	ScP	ScP	23 41 03.5 +1.1		
DUG	Dugway	61.29 325	eP	P	23 41 00.0 -3.2	
DUG	comp=Z,16nm,0.8s	eP	P	23 43 38.8 -5.5		
DUG	Dugway	61.29 325	eP	P	23 40 02.4 -0.8	
DUG	comp=Z,16nm,0.8s	eP	P	23 43 39.0 -0.3		
DUG	Dugway	61.30 336	P	P	23 40 02.8 +0.6	
D26A	Topopah Spring	61.31 320	eP	P	23 43 39.1	0.0
TPNV	Topopah Spring	61.31 320	P	P	23 40 04.2 +1.5	
TPNV	comp=Z,31nm,1.0s	P	P	23 40 04.0 +1.3		
TPNV	Topopah Spring	61.31 320	P	P	23 43 39.0 -0.6	
TPNV	baz=62	ScP	ScP	23 40 04.2 +1.5		
TPNV	Topopah Spring	61.31 320	eP	P	23 43 39.5	0.0
ROSA	Rosais	61.32 38	eP	P	23 40 04.1 +1.7	
ROSA	comp=Z,110nm,0.9s	P	P	23 40 02.4 +0.1		
B29A	Wagenman Farm,	61.34 339	P	P	23 40 03.9 +1.3	
B29A	comp=Z,138nm,1.3s	P	P	23 40 02.1 -0.5		
PMAN	Manadas	61.35 38	eP	P	23 40 03.7 +0.6	
A30A	Hoffart Farm,	61.38 340	P	P	23 43 39.4 -0.4	
A30A	baz=62	ScP	ScP	23 40 04.4 +1.3		
LRMC	Laurel Mountai	61.39 318	P	P	23 43 39.9 +0.2	
LRMC	baz=62	ScP	ScP	23 40 04.4 +0.9		
LRMC	Furnace Creek,	61.42 319	P	P	23 40 04.2 +0.1	
FURC	Furnace Creek,	61.42 319	P	P	23 42 02.3 -2.7	
FURC	baz=62	ScP	ScP	23 43 05.1 +0.6		
C27A	Saylor Ranch,	61.50 337	P	P	23 40 05.1 +0.5	
C27A	baz=62	P	P	23 40 05.8 +1.4		
HWUT	Hardware Ranch	61.55 327	eP	P	23 40 05.9 +1.2	
HWUT	comp=Z,13nm,0.7s	P	P	23 40 04.6	0.0	
HWUT	baz=62	eP	P	23 40 04.1 -0.9		
BLG	Laguna Peak	61.55 316	P	P	23 43 40.6 -0.3	
BLG	baz=62	P	P	23 40 04.1 -0.9		
MPMC	Manual Prospec	61.59 318	P	P	23 43 40.6 -0.3	
MPMC	baz=62,SNR=13	P	P	23 40 06.5 +1.0		
OSI	Ositi	61.59 316	P	P	23 40 06.8 +1.3	
OSI	baz=62	P	P	23 43 35.0 -6.4		
PGRA	Graciosa	61.67 37	eP	P		
PGRA	comp=Z,220nm,0.9s	P	P			
A29A	Manning Farm,	61.69 339	P	P		
A29A	baz=62	P	P			
B28A	Dugan Ranch, T	61.69 338	P	P		
B28A	baz=62	P	P			
ULM	Lac du Bonnet	61.75 342	P	P		
ULM	comp=Z,110nm,0.9s,SNR=152,slow=5.7,SNR=244	ScP	ScP			
ULM	Lac du Bonnet	61.75 342	P	P		
ULM	comp=Z,12nm,0.9s,SNR=115,slow=1.9,SNR=4.2	P	P			
ULM	Lac du Bonnet	61.75 342	eP	P		
ULM	comp=Z,129nm,0.8s	P	P			
ULM	Lac du Bonnet	61.75 342	eP	P		
ULM	comp=Z,129nm,0.8s	P	P			
ULM	Lac du Bonnet	61.76 322	ScP	ScP		
ULM	baz=62,SNR=20	P	P			
R11A	Troy Canyon, C	61.76 322	eP	P		
R11A	baz=62,SNR=20	P	P			
R11A	Troy Canyon, C	61.76 322	eP	P		
R11A	comp=Z,7.8nm,0.8s					

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like Porto Santo, Missoula, Seeley Lake, Modoc, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like Messejana, Castro Verde, Vaqueiros, Beja, Evora, etc.

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

30d 23h

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like CLL Colim, KHC Kaspereske Hory, GEC2 GERESS Array S, etc.

2010 SEP

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like SEY Seymchan, ARU Arti, AKTO Aktyubinsk, etc.

1498

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like KSJMJ Jmunjin, KSDGY Daegwallycong, KSJJA INJE, etc.

RM32	Poggio Cancell	0.18 343	Pg	Pg	23 34 09.2 +0.2
RM32	8.0nm,0.4s		Sg	Sg	23 34 12.3 +0.6
RM32	Poggio Cancell	0.18 343	Pg	Pg	23 34 09.2 +0.2
RM32	8.0nm,0.4s		Sg	Sg	23 34 12.3 +0.6
RM29	Verrico (Monte)	0.20 323	Pg	Pg	23 34 09.8 +0.5
RM29	Verrico (Monte)	0.20 323	Pg	Pg	23 34 13.6 +1.3
RM29	Verrico (Monte)	0.20 323	Pg	Pg	23 34 09.8 +0.5
RM29	Verrico (Monte)	0.20 323	Pg	Pg	23 34 13.6 +1.3
FAGN	Fagnano	0.21 130	Pg	Pg	23 34 03.7 +0.2
FAGN	Fagnano	0.21 130	Pg	Pg	23 34 14.3 +1.8
FAGN	Fagnano	0.21 130	Pg	Pg	23 34 09.7 +0.2
FAGN	Fagnano	0.21 130	Pg	Pg	23 34 14.3 +1.8

DJA 30 23:43:01.7-0.5,3'S-12'8"E, h23km±10km, M4.2/12, mb4.9/1, mB5.6/1, MLv3.8/12, Mw(mB)5.0/1, Ceram Sea

Code	Station Name	Δ° AZ'	Phase ID	Time	Res
			Op	h m s	ISC
NLAI	Namlea	0.77 240	Op	23 55 16.2 -0.4	Pb
AAI	Ambon	0.93 153	P	23 43 18.4 -0.8	Pb
MSAI	Masohi	1.26 113	P	23 43 23.4 -0.5	Pn
SANI	Sanana	1.95 294	P	23 43 33.7 +0.3	Pn
LBMI	Labuha	2.21 353	P	23 43 37.3 +0.2	Pn
BNDI	Bandanaira	2.20 128	P	23 43 43.7 -0.1	Pn
TNTI	Ternate	3.62 354	P	23 43 56.3 -0.1	Pn
SWI	Sorong	4.01 61	P	23 44 01.9 +0.2	Pn
FAKI	Fak Fak	4.47 91	P	23 44 08.4 +0.2	Pn
KMSI	Cibinong	5.09 312	P	23 44 16.7 +0.1	Pn

CSEM 30 23:55:07.2, 39°68'N, 33°64'E, h7km, MD3.1
 DDA 30 23:55:07.2, 39°69'N, 33°64'E, h7km, MD3.1
 ISK 30 23:55:07.4, 39°70'N, 33°60'E, h5km, MD2.8
 ISC 30 23:55:07.6, 1.0, 39.69N, 0.02, 33.64E, 0.02, h12km, gkm, m29, r052/45, Turkey

Code	Station Name	Δ° AZ'	Phase ID	Time	Res
			Op	h m s	ISC
KAMT	Kaman	0.32 170	ePG	23 55 14.4 +0.3	Pg
KAMT	Kaman	0.32 170	ePG	23 55 19.7 -0.8	Sb
BBAL	Bala	0.43 250	iP	23 55 19.9 -0.2	Pg
BBAL	Bala	0.43 250	iS	23 55 21.7 -0.1	Sg
BBAL	Bala	0.43 250	iP	23 55 15.9 -0.2	Pg
BBAL	Bala	0.43 250	iS	23 55 21.7 -0.1	Sg
AFSR	Af ar-Bala (A)	0.50 242	ePG	23 55 17.5 +0.1	Pg
AFSR	Af ar-Bala (A)	0.50 242	ePG	23 55 23.7 +0.5	Sg
CDAG	Cicekdag	0.57 96	iP	23 55 18.8 +0.2	Pg
CDAG	Cicekdag	0.57 96	iS	23 55 27.2 -0.4	Sg
CDAG	Cicekdag	0.57 96	iP	23 55 18.8 +0.2	Pg
CDAG	Cicekdag	0.57 96	iS	23 55 27.2 -0.4	Sg
LOD	Lodumlu	0.71 287	ePG	23 55 20.9 -0.3	Pg
SERE	Serefikochisa	0.74 185	ePG	23 55 21.9 -0.1	Pg
ELDT	Eldivan	0.82 348	iP	23 55 22.6 -0.9	Pg
ELDT	Eldivan	0.82 348	iS	23 55 37.1 -0.2	Sn
ELDT	Eldivan	0.82 348	iP	23 55 22.6 -0.9	Pg
ELDT	Eldivan	0.82 348	iS	23 55 37.1 -0.2	Sn
CANT	Cankiri	0.92 359	ePG	23 55 24.9 -0.4	Pg
CHBY	Chibanbeyli	1.25 208	ePN	23 55 31.5 -0.1	Pg
CTKT	Corum	1.28 43	iP	23 55 31.5 0.0	Pn
CTKT	Corum	1.28 43	iS	23 55 48.8 +0.1	Sn
CTKT	Corum	1.28 43	iP	23 55 31.5 0.0	Pn
CTKT	Corum	1.28 43	iS	23 55 48.8 +0.1	Sn
YOZ	Yozgat	1.30 92	ePN	23 55 34.9 +0.1	Pg
ILGA	Ilgaz	1.36 2	iP	23 55 32.9 +0.2	Pn
ILGA	Ilgaz	1.36 2	iS	23 55 52.0 +0.4	Sg
ILGA	Ilgaz	1.36 2	iP	23 55 32.9 +0.2	Pn
ILGA	Ilgaz	1.36 2	iS	23 55 52.0 +0.4	Sg
TOS	Tosya	1.38 12	ePN	23 55 33.8 +0.4	Pg
GULA	Gulagac	1.42 161	ePN	23 55 34.9 +0.1	Pg
SULT	Sultanhani-AKS	1.49 184	ePN	23 55 36.1 -0.1	Pg
KIZT	Kizilcal	1.59 240	ePN	23 55 37.3 +0.4	Pb
BCAM	Yenicaga	1.65 314	iP	23 55 38.3 +0.3	Pb
BCAM	Yenicaga	1.65 314	iS	23 55 57.6 -0.1	Sn
BCAM	Yenicaga	1.65 314	iP	23 55 38.3 +0.3	Pb
BCAM	Yenicaga	1.65 314	iS	23 55 57.6 -0.1	Sn
AUMIH	MIHALICIK	1.67 277	iP	23 55 38.9 +0.5	Pb
AUMIH	MIHALICIK	1.67 277	iS	23 55 58.7 +0.4	Sn
NIG	Nigde	1.75 154	ePN	23 55 39.6 -0.1	Pb
BNN	Bunyan	1.90 115	ePN	23 55 42.0 -0.3	Pb
BYBT	Boyabat	1.92 98	ePN	23 55 42.1 -1.2	Pn
CUSAR	Sarkisla-SIVAS	2.03 97	iP	23 55 44.6 +0.1	Pb
CUSAR	Sarkisla-SIVAS	2.03 97	iS	23 56 13.9 +1.0	Sg
SARI	Sardiz-Kayseri	2.51 120	ePN	23 55 50.6 -2.0	Pb

CSEM 30 23:56:57.6, 43°79'N, 13°29'E, h9km, MD2.6/22
 ROM 30 23:56:57.6, 0.2, 43°79'N, 13°29'E, h9km, 1km, Md2.6/22, M2.3/21, Error ellipse: s-maj=2.9km s-min=1.7km az=27.0
 VIE 30 23:56:57.2, 0.4, 43°79'N, 13°29'E, h8km, mb2.0/1, m12.8/3, Error ellipse: s-maj=18.1km s-min=16.4km az=70.0
 ISC 30 23:56:58.3, 0.9, 43.75N, 0.03, 13.31E, 0.03, h13km, 5km, n50, r0573/86, 2C-2D, Central Italy

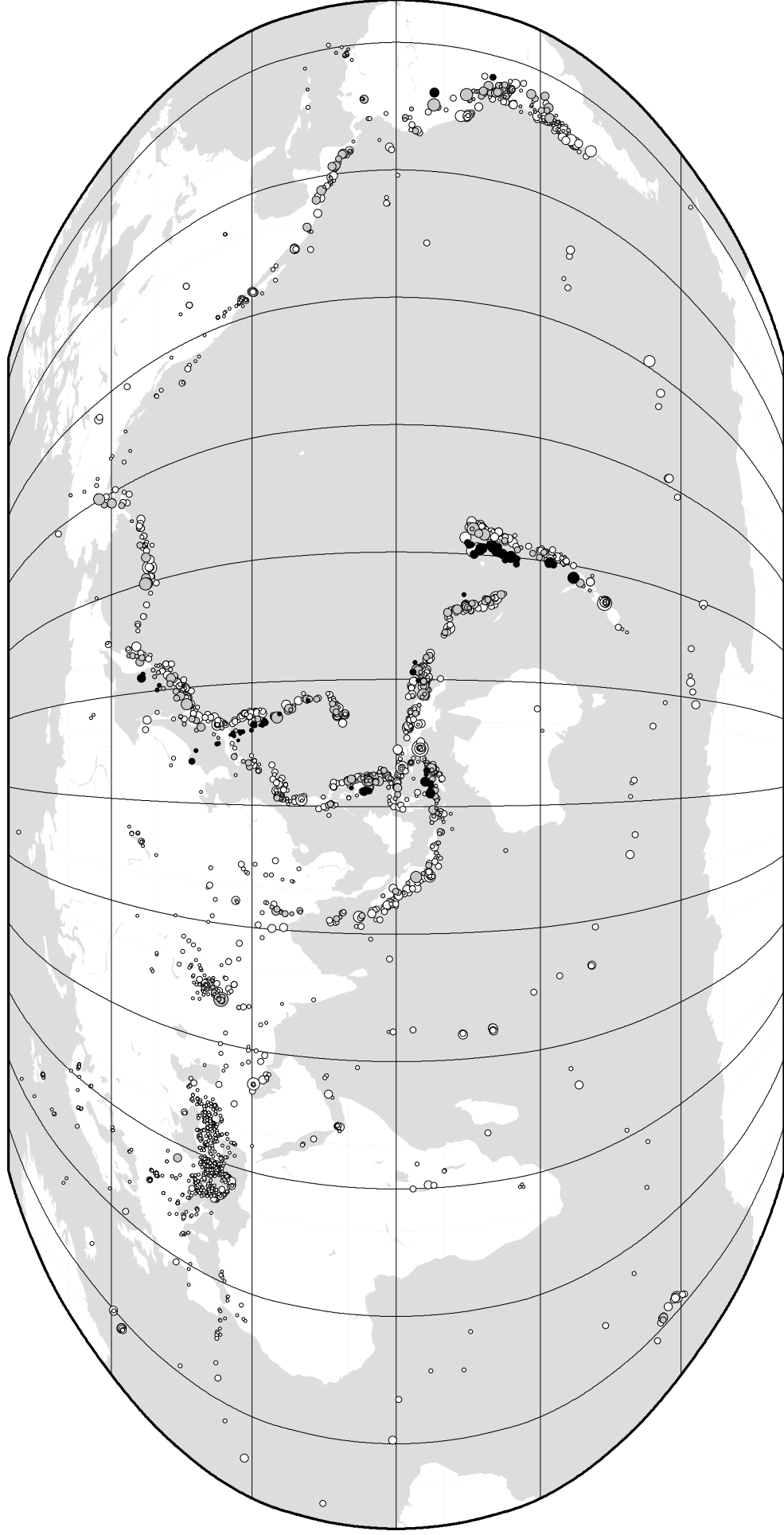
Code	Station Name	Δ° AZ'	Phase ID	Time	Res
			Op	h m s	ISC
SENI	Senigallia	0.07 233	Pg	23 57 00.7 -0.2	Pg
SENI	Senigallia	0.07 233	Pg	23 57 02.5 -0.2	Sg
SENI	Senigallia	0.07 233	Pg	23 57 00.7 -0.2	Pg
SENI	Senigallia	0.07 233	Pg	23 57 02.5 -0.2	Sg
AOI	Ancona	0.29 133	Pg	23 57 05.2 -0.1	Pb
AOI	Ancona	0.29 133	Pg	23 57 10.8 +0.7	Sg
AOI	Ancona	0.29 133	Pg	23 57 05.2 -0.1	Pb
AOI	Ancona	0.29 133	Pg	23 57 10.8 +0.7	Sg
ARVD	Arcevia	0.36 227	Pg	23 57 04.9 -0.7	Pg
ARVD	Arcevia	0.36 227	Pg	23 57 11.4 +0.8	Sg
ARVD	Arcevia	0.36 227	Pg	23 57 04.9 -0.7	Pg
ARVD	Arcevia	0.36 227	Pg	23 57 11.4 +0.8	Sg
CING	Cingoli	0.38 193	Pg	23 57 05.8 -0.1	Pb
CING	Cingoli	0.38 193	Pg	23 57 12.4 -0.3	Sg
CING	Cingoli	0.38 193	Pg	23 57 05.8 -0.1	Pb
CING	Cingoli	0.38 193	Pg	23 57 12.4 -0.3	Sg
FSSB	Fossombrone	0.39 262	Pg	23 57 05.2 -0.9	Pg
FSSB	Fossombrone	0.39 262	Pg	23 57 11.1 -0.2	Sg
FSSB	Fossombrone	0.39 262	Pg	23 57 05.2 -0.9	Pg
FSSB	Fossombrone	0.39 262	Pg	23 57 11.1 -0.2	Sg
PESA	Pesaro	0.39 300	Pg	23 57 05.5 -0.6	Pg
PESA	Pesaro	0.39 300	Pg	23 57 12.2 -0.8	Sg
PESA	Pesaro	0.39 300	Pg	23 57 05.5 -0.6	Pg
PESA	Pesaro	0.39 300	Pg	23 57 12.2 -0.8	Sg
SNTG	Esanatoglia	0.56 209	Pg	23 57 08.5 -0.7	Pg
SNTG	Esanatoglia	0.56 209	Pg	23 57 17.5 +0.8	Sg
SNTG	Esanatoglia	0.56 209	Pg	23 57 08.5 -0.7	Pg
SNTG	Esanatoglia	0.56 209	Pg	23 57 17.5 +0.8	Sg
PIEI	Pieia	0.60 250	Pg	23 57 09.1 -0.9	Pg
PIEI	Pieia	0.60 250	Pg	23 57 18.7 -0.3	Sg
PIEI	Pieia	0.60 250	Pg	23 57 09.1 -0.9	Pg
PIEI	Pieia	0.60 250	Pg	23 57 18.7 -0.3	Sg
ATFO	Monte Foce - G	0.66 235	Pg	23 57 10.5 -0.6	Pg
ATFO	Monte Foce - G	0.66 235	Pg	23 57 21.2 +0.5	Sg
ATFO	Monte Foce - G	0.66 235	Pg	23 57 10.5 -0.6	Pg
ATFO	Monte Foce - G	0.66 235	Pg	23 57 21.2 +0.5	Sg
ATPC	Poggio Castell	0.67 247	Pg	23 57 10.6 -0.8	Pg
ATPC	Poggio Castell	0.67 247	Pg	23 57 20.4 +0.1	Sg
ATPC	Poggio Castell	0.67 247	Pg	23 57 10.6 -0.8	Pg
ATPC	Poggio Castell	0.67 247	Pg	23 57 20.4 +0.1	Sg
ATPI	Pietralunga -	0.72 246	Pg	23 57 11.3 -1.0	Pg
ATPI	Pietralunga -	0.72 246	Pg	23 57 22.5 -0.1	Sg
ATPI	Pietralunga -	0.72 246	Pg	23 57 11.3 -1.0	Pg
ATPI	Pietralunga -	0.72 246	Pg	23 57 22.5 -0.1	Sg

FDMO	Fiordimonte	0.73 193	Pg	Pg	23 57 11.8 -0.6
FDMO	Fiordimonte	0.73 193	Pg	Sb	23 57 23.5 +0.8
FDMO	Fiordimonte	0.73 193	Pg	Pg	23 57 11.8 -0.6
FDMO	Fiordimonte	0.73 193	Pg	Sb	23 57 23.5 +0.8
MURB	Monte Urbino	0.75 230	Pg	Pg	23 57 12.0 -0.8
MURB	Monte Urbino	0.75 230	Pg	Sb	23 57 23.8 +0.5
MURB	Monte Urbino	0.75 230	Pg	Pg	23 57 12.0 -0.8
MURB	Monte Urbino	0.75 230	Pg	Sb	23 57 23.8 +0.5
ATVO	AVT- Monte Val	0.75 241	Pg	Pg	23 57 12.0 -0.8
ATVO	AVT- Monte Val	0.75 241	Pg	Sb	23 57 23.2 -0.2
ATVO	AVT- Monte Val	0.75 241	Pg	Pg	23 57 12.0 -0.8
ATVO	AVT- Monte Val	0.75 241	Pg	Sb	23 57 23.2 -0.2
PARC	Parchiule	0.78 263	Pg	Pg	23 57 12.4 -1.0
PARC	Parchiule	0.78 263	Pg	Sb	23 57 24.6 +0.3
PARC	Parchiule	0.78 263	Pg	Pg	23 57 12.4 -1.0
PARC	Parchiule	0.78 263	Pg	Sb	23 57 24.6 +0.3
CESI	CESI - Serrava	0.80 202	Pg	Pg	23 57 13.3 -0.4
CESI	CESI - Serrava	0.80 202	Pg	Sb	23 57 25.5 +0.7
CESI	CESI - Serrava	0.80 202	Pg	Pg	23 57 13.3 -0.4
CESI	CESI - Serrava	0.80 202	Pg	Sb	23 57 25.5 +0.7
BADI	Badiali	0.81 253	Pg	Pg	23 57 13.2 -0.7
BADI	Badiali	0.81 253	Pg	Sb	23 57 25.5 +0.5
BADI	Badiali	0.81 253	Pg	Pg	23 57 13.2 -0.7
BADI	Badiali	0.81 253	Pg	Sb	23 57 25.5 +0.5
GUMA	Guido di Mace	0.82 146	Pg	Pg	23 57 11.8 -2.4
GUMA	Guido di Mace	0.82 146	Pg	Pg	23 57 11.8 -2.4
ASQU	Asqua	1.10 273	Pg	Pb	23 57 18.7 -0.5
ASQU	Asqua	1.10 273	Pg	Pb	23 57 18.7 -0.5
SMA1	SAN MARTINO	1.12 179	Pg	Pb	23 57 19.6 +0.1
SMA1	SAN MARTINO	1.12 179	Pg	Pb	23 57 19.6 +0.1
TERO	Teramo	1.14 169	Pg	Pb	23 57 20.0 +0.1
TERO	Teramo	1.14 169	Pg	Pb	23 57 20.0 +0.1
LNSS	Leonessa	1.16 190	Pg	Pb	23 57 19.5 -0.7
LNSS	Leonessa	1.16 190	Pg	Pb	23 57 19.5 -0.7
RM32	Poggio Cancell	1.18 181	Pg	Pn	23 57 20.5 0.0
RM32	Poggio Cancell	1.18 181	Pg	Pn	23 57 20.5 0.0
CAMP	Campotosto	1.21 177	Pg	Pn	23 57 20.8 -0.2
CAMP	Campotosto	1.21 177	Pg	Pn	23 57 20.8 -0.2
ABTA	Abfaltersbach	3.05 350	iP	Pg	23 57 47.8 +1.5
ABTA	Abfaltersbach	3.05 350	iP	Pg	23 58 23.3 +0.5
KBA	Koelnbreinsper	3.33 0	iP	Pg	23 57 51.1 +0.9
KBA	Koelnbreinsper	3.33 0	iP	Pg	23 58 30.3 +0.6

IDC 30 23:57:53.0, 1.1, 13°17'N, 125°79'E, h0km, mb3.8/6, mb1.3/9, mb1mx3.6/38, mbtmp3.8/6, MS2.8/1, Ms1.2.8/1, ms1mx2.4/34, Error ellipse: s-maj=44.0km s-min=20.1km az=68.0
 ISC/JB 30 23:57:56.8, 0.9, 13°13'N, 0°07', 125°8'E, 0.1, h40km, mb3.7/6, MS2.6/1, Error ellipse: s-maj=20.1km s-min=9.3km az=10.7
 ISC 30 23:57:58.2, 1.1, 13°10'N, 0°09', 125°8'E, 0.2, h40km, n11, r0580/9, mb3.9/6, 1C-1D, Philippine Islands region

Code	Station Name	Δ° AZ'	Phase ID	Time	Res
			Op	h m s	ISC
PLP	Palo	2.10 203	eP	23 58 30.1 -0.8	Pn
PLP	Palo	2.10 203	iS	23 58 55.5 -0.2	Sn
RCP	Roxas	3.38 243	eP	23 58 48.8 +0.3	Pn
KRSR	Korea Array	24.32 4	P	00 03 12.1 0.0	P
KRSR	Korea Array	24.32 4	P	00 13 50.0	LR
CMAR	Chiang Mai Arr	26.39 285	P	00 03 31.0 -0.2	P
WRA	Warramunga Arr	33.89 166	P	00 04 37.9 +0.5	P
ASAR	Alice Springs	37.39 168	P	00 05 08.8 +1.3	P
H11N1	WAKE ISLAND Hy 39.87	75	T	00 49 04.6	T
H11N2	WAKE ISLAND Hy 39.87	75	T	00 48 59.4	T
H11N3	WAKE ISLAND Hy 39.88	75	T	00 49 06.0	T
MKAR	Makanchi Array	49.53 322	P	00 06 45.5 +0.4	P
FINES	FINES Array B	83.20 332	P	00 10 19.2 -1.0	P

ISC Computed Locations for September 2010



Robinson Projection, centred on 0°N, 130°E

